

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

1951-1952

DEPARTMENT OF ROADS AND IRRIGATION

H. L. AITKEN
STATE ENGINEER



State of Nebraska

VAL PETERSON, GOVERNOR
LINCOLN

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

November 30, 1952

The Honorable Val Peterson
Governor of Nebraska

Sir:

In compliance with the provisions of the law I am transmitting to you herewith Volume II of the Department of Roads and Irrigation covering the activities of the Bureau of Irrigation, Water Power and Drainage for the water years ending September thirtieth for 1951 and 1952.

Respectfully submitted,

H. L. Aitken
State Engineer

THIS PAGE INTENTIONALLY LEFT BLANK

TWENTY-NINTH BIENNIAL REPORT

OF THE

**DEPARTMENT OF ROADS
AND IRRIGATION**

VOLUME II

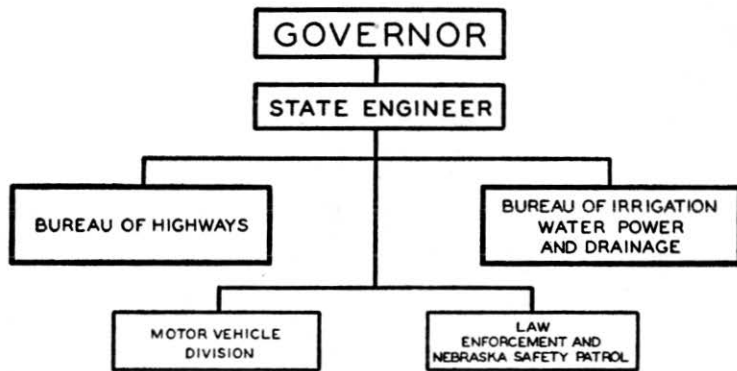
**BUREAU OF IRRIGATION,
WATER POWER AND DRAINAGE**

TO

**HONORABLE VAL PETERSON
GOVERNOR OF THE STATE OF NEBRASKA**

LINCOLN, NEBRASKA

1951-1952



ORGANIZATION
OF THE
DEPARTMENT OF ROADS AND IRRIGATION
STATE OF NEBRASKA

PREFACE

The 29th edition of the biennial report of the Department of Roads and Irrigation is published in two volumes.

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

Volume II contains data regarding the water supply of the State, a list of water appropriations of record on September 30, 1952; public districts which have been organized under Chapter 70, Article 6, Revised Statutes of Nebraska, 1943, as amended; public districts dissolved; and a summary of the activities of the Bureau of Irrigation, Water Power and Drainage for the biennium ending September 30, 1952. It also contains the decision entered by the Supreme Court with reference to one case which was appealed from the order of the State Engineer.

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

H. L. Aitken, State Engineer	Lincoln
Dan S. Jones, Jr., Chief	Lincoln
Robert H. Willis, Consultant	Bridgeport
F. H. Klietsch, Division Engineer	Bridgeport
Edwin S. Kimmel, Principal Hydrographer	Bridgeport
K. I. Ward, Special Assistant	Lincoln
David B. Ender, Senior Hydrographer	North Platte
Leo A. Bohner, Senior Hydrographer	Bridgeport
Robert F. Bishop, Junior Hydrographer	Crawford
C. D. Christensen, Junior Hydrographer	Bridgeport
John H. Hintz, Junior Hydrographer	Hershey
David J. Neely, Junior Hydrographer	Bridgeport
Willard J. Page, Junior Hydrographer	Grand Island
Lloyd E. Powell, Jr., Hydrographer Assistant	Bridgeport
Jack Ratliff, Junior Hydrographer	Bridgeport
L. F. Zabel, Junior Hydrographer	Cambridge
Shirley J. Sodman, Stenographer-Clerk	Lincoln
Marjorie P. Chikos, Stenographer-Clerk	Bridgeport
Sarah D. Beckler, Stenographer	Lincoln
Mary J. Chikos, Stenographer	Bridgeport
Draftsman (Part time)	Lincoln

WATER SUPERINTENDENT

David Gobel, Superintendent Division No. 2	Whitney
(White River, Hat Creek and Niobrara River Basins)	

WATER COMMISSIONER

James L. Lutey, Lodgepole Creek Basin	Kimball
---	---------

ACTING WATER COMMISSIONERS

Fred W. Clark	McCook
Dwight R. Donahue	Ogallala
C. V. Gilbert	Broadwater
C. R. Pledger	Kearney

WATER SUPPLY

The Federal-State Cooperative Snow Reports for the higher elevations of the North Platte River Basin showed the water content of the snow cover on May 1, 1951, and May 1, 1952, to be 113 per cent and 139 per cent, respectively, of the fifteen year (1938-1952) average.

The runoff of the North Platte River above the Pathfinder Dam for the 1951 water year was 1,060,000 acre-feet and it was approximately 1,545,000 acre-feet for the 1952 water year, or 80 per cent and 107 per cent of the seventeen year (1925-1941) average, respectively.

The discharge of the North Platte River below the Tri-State Dam for the period May 1 to September 30, 1951, was 25,350 acre-feet and 135,510 acre-feet in 1952, which is about 50 per cent for 1951 and about 155 per cent for 1952 of an approximate ten year (1941-1950) average.

The flow of the Platte River immediately above the Tri-County Diversion Dam during the period May 1 to September 30 for 1951 was 683,400 acre-feet and 833,300 acre-feet for 1952, 94 per cent and 115 per cent of the ten year (1942-1951) average, respectively.

The annual discharge of the Platte River immediately below the Kearney Power Return was 1,273,200 acre-feet during the 1951 water year and 1,457,100 acre-feet for the 1952 water year.

PRECIPITATION

The arid portion of the State extends westward from the vicinity of the 99th meridian. Obviously the diversion of water from streams to supplement the deficiency of precipitation is an important factor in the equation for the production of crops. The deficiency grows greater in a westerly direction from the vicinity of the 99th meridian.

The average precipitation, April through September, 1952, was 0.75 foot depth for the area from Guernsey, Wyoming to Wyoming-Nebraska State Line; 0.64 foot depth from State Line to Bridgeport; 0.79 foot depth from Bridgeport to Oshkosh; 0.79 foot depth from Oshkosh to North Platte, and 1.18 feet depth from North Platte to Kearney. The long time precipitation average at Kearney, April through September, was 1.64 feet depth and at Grand Island 1.71 feet depth. The long time average precipitation for the six months at Guernsey, Wyoming, was 0.87 foot depth.

The seven year (1946-1952) average diversion at Whalen, Wyoming by the Interstate Canal was 4.45 acre-feet for use on 127,450 acres.

The Tri-County Canal is the largest project between North Platte and Kearney which should be considered comparable to the Interstate Canal. The Tri-County listed 220,807 acres for which a five year average of 1.15 acre-feet was diverted per acre.

RESERVOIRS

By virtue of the Pathfinder Reservoir permit the carryover storage on September 30, 1950, was 530,000 acre-feet. (U. S. Bureau of Reclamation figures.) The total quantity for storage under the permit amounting to approximately 1,016,000 acre-feet was satisfied by the end of June, 1951. On September 30, 1951, there were 514,700 acre-feet carryover credited to the Pathfinder permit. The full amount of the Pathfinder permit for the 1952 water year was satisfied by May 14, 1952, and the carryover credited to the Pathfinder appropriation was 379,050 acre-feet on September 30, 1952.

The Guernsey Reservoir is operated as a regulator and power head by the United States Bureau of Reclamation. The capacity at the time it was constructed in 1928 was 72,700 acre-feet. However, due to silting, the capacity is reduced to 49,000 acre-feet of live capacity. The average content during the 1951 water year was about 26,000 acre-feet and 24,000 acre-feet for the 1952 water year.

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 on the North Platte River. The carryover storage on September 30, 1950, was approximately 1,635,400 acre-feet. The inflow to the reservoir during the 1951 water year was 1,257,500 acre-feet, of which 484,200 acre-feet were intercepted. Approximately 164,600 acre-feet of storage water were withdrawn during the season and the carryover on September 30, 1951, was 1,807,800 acre-feet. The inflow during the 1952 water year was 1,302,800 acre-feet, of which 289,600 acre-feet were intercepted. Approximately 497,800 acre-feet of storage water were withdrawn through the dam during 1952 and the carryover on September 30, 1952, was 1,512,100 acre-feet. The twelve year (1941-1952) average annual storage withdrawal was approximately 261,400 acre-feet.

Harry Strunk Lake (Medicine Creek Reservoir) is a channel reservoir created for the purpose of impounding the natural flow of Medicine Creek above a dam constructed by the United States

Bureau of Reclamation by virtue of storage Application 3900 issued to the United States of America. It is located about eight miles northwest of Cambridge, Nebraska. On September 30, 1950, there was a carryover in the reservoir of 33,800 acre-feet and during the 1951 water year about 8,700 acre-feet were impounded. Approximately 1,500 acre-feet of storage were withdrawn through the dam during the 1951 season and the carryover on September 30, 1951, was 38,770 acre-feet. During the 1952 water year there were about 8,200 acre-feet impounded and approximately 3,700 acre-feet of storage were withdrawn through the dam. The carryover storage on September 30, 1952, was 37,580 acre-feet.

Impounding natural flow of Frenchman River in the Enders Reservoir began October 29, 1950, by virtue of Application 3899 granted to the United States of America. The maximum limit of active storage for irrigation per annum is 36,013 acre-feet. Storage of 8,467 acre-feet was permissible the first year for dead storage in addition to the 36,013 acre-feet. During the 1951 water year there were 35,195 acre-feet intercepted of which 335 acre-feet were withdrawn through the dam, leaving 34,860 acre-feet carryover on September 30, 1951. In addition to the carryover of 34,860 acre-feet on September 30, 1951, there were 9,620 acre-feet intercepted, making a total of 44,480 acre-feet available for the 1952 season. Of this quantity approximately 26,240 acre-feet were withdrawn through the dam. On September 30, 1952, there was a carryover of 27,860 acre-feet, including 8,467 acre-feet dead storage.

The quantity of natural flow impounded in the Box Butte Reservoir during the 1951 water year was 22,800 acre-feet. This quantity plus the carryover of 10,300 acre-feet on September 30, 1950, provided a total of 33,100 acre-feet of storage. Of this quantity 11,774 acre-feet were withdrawn through the dam during the irrigation season, and the carryover was 17,820 acre-feet on September 30, 1951. During the 1952 water year 18,170 acre-feet were impounded. This quantity added to the 17,820 acre-feet carryover on September 30, 1951, gave a total of 35,990 acre-feet. Of this quantity 19,270 acre-feet were withdrawn through the dam and the carryover in the reservoir on September 30, 1952, was 9,930 acre-feet.

The Sutherland Reservoir was intended for storage of natural flow from the North Platte River by virtue of approved Applications 2350 and 2361, issued to the Platte Valley Public Power and Irrigation District, however it has been operated more as a regulator than for storage. During the 1951 water year 796,160 acre-feet were diverted into the Sutherland Canal from the North Platte River for power and storage purposes, and 209,670 acre-feet were diverted from the South Platte River for power only, making a total from the two rivers of 978,830 acre-feet. There

was a carryover on September 30, 1950, of 73,563 acre-feet in the Sutherland Reservoir, on September 30, 1951, the carryover was 77,770 acre-feet, and on September 30, 1952, the carryover was 32,700 acre-feet. The average content in the reservoir during 1951 was 53,000 acre-feet and during 1952 it was 56,000 acre-feet.

The Oliver Reservoir had 3,800 acre-feet carryover on September 30, 1950. During the 1951 water year 5,260 acre-feet were intercepted, making a total of 9,060 acre-feet available. There were 2,750 acre-feet of storage withdrawn for use on lands served by the Kimball Irrigation District during the 1951 season. On September 30, 1951, there was a carryover of 4,400 acre-feet. During the 1952 water year approximately 4,450 acre-feet were intercepted, making a total of 8,850 acre-feet available. Of this quantity 4,070 acre-feet were withdrawn through the dam for use on lands covered by the Kimball Irrigation District. The carryover on September 30, 1952, was 1,090 acre-feet.

The Bennett Reservoir had a carryover of 540 acre-feet on September 30, 1950. During the 1951 water year 1,220 acre-feet were intercepted for storage making a total of 1,760 acre-feet available. On September 30, 1951, the carryover was 970 acre-feet. During the 1952 water year approximately 662 acre-feet were intercepted, making a total of 962 acre-feet available for the 1952 season. The carryover on September 30, 1952, was 300 acre-feet.

Information relative to the operation of the Whitney Reservoir was not sufficient to give positive figures bearing on the quantity of water taken from White River for storage, nor were there any data as to quantities withdrawn for use on lands served from the reservoir. However, there was a carryover of 4,600 acre-feet in the reservoir on September 30, 1950. Apparently the current interception during 1951 was 5,400 acre-feet making a total of about 10,000 acre-feet available for the 1951 season. The carryover on September 30, 1951, was about 7,470 acre-feet. During the 1952 water year it appears that 2,400 acre-feet were intercepted, making a total of 9,870 acre-feet available for the 1952 season. There were 6,300 acre-feet in the reservoir on July 31, 1952. The department was not supplied with data relative to the contents for August and September, 1952. It was estimated that 3,000 acre-feet were carried over on September 30, 1952.

Crescent Lake is a sandhill lake and is fed by seepage, therefore, there are no measuring devices for determining the inflow. The elevation of the water surface fluctuates throughout the years. The quantity in the lake on September 30, 1950, was 3,470 acre-feet. The greatest quantity in 1951 was 5,140 acre-feet recorded on July 19. During the month of August 850 acre-feet were withdrawn for irrigation. The carryover was about 4,450 acre-

feet on September 30, 1951. The maximum quantity attained during the 1952 water year was 7,610 acre-feet on June 10. During the period June 14 to about the last of August 2,580 acre-feet were withdrawn for irrigation. The carryover was 1,180 acre-feet on September 30, 1952. The surface elevation of 1,180 acre-feet is 0.99 foot above the floor of the headgate. The sea level elevation of the floor is 3782.65 feet. No water is available for irrigation when the water surface is below the floor of the headgate.

The reports of inflow, outflow, and content of the Kilpatrick (Elmore) Reservoir are insufficient for determining the quantity of water involved in this project. The data available show that 390 acre-feet were in the reservoir on September 22, 1950. The maximum amount recorded was 980 acre-feet on August 9, 1951. Withdrawals during the 1951 water year were 400 acre-feet, and the carryover was 710 acre-feet on September 30, 1951. During the 1952 water year the maximum quantity recorded in the reservoir was 940 acre-feet on April 18. Withdrawals during the 1952 water year were 760 acre-feet and there were approximately 480 acre-feet in the reservoir on September 13, 1952.

WATER ADMINISTRATION

The department was not confronted with any particularly unusual problems in administering the public waters during the biennium. The 1951 season was probably one of the least troublesome years the department has ever experienced from an administrative standpoint. The precipitation and water supply were above normal and no closing orders were required during the 1951 season.

The situation was quite different during the 1952 season, one of the driest seasons ever experienced in the Panhandle area. Two North Platte River tributaries, Pumpkinseed Creek and Blue Creek, required considerable administration because of the unusually dry conditions.

On June 29, 1952, the department closed canals with priorities subsequent to November 16, 1890, which were diverting water from Pumpkinseed Creek between the headgate of the Logan Canal and the headgate of the Court House Rock Canal. This order was in force for the remainder of the growing season, and all appropriators cooperated fully with the department.

Several appropriators on Blue Creek were quite uncooperative, and because of a natural flow shortage and improper handling of Crescent Lake water we were called upon many times to check the regulation of this creek. On June 19, 1952, the department

closed canals, with priorities subsequent to April 4, 1894, denying the diversion of natural flow. However, there was sufficient Crescent Lake storage water to supply the shortages of all canals on Blue Creek, and no crop losses resulted.

It was necessary on June 24, 1952, to close all natural flow diversions down to April 30, 1894, on a nine mile section of Lodgepole Creek between Sidney east to the Pantenburg Canal diversion. The large irrigation interests on the creek depend greatly upon storage water which was plentiful although the season was unusually dry. The oil industry in the Sidney area requires considerable water for well drilling operations. Some of the contractors furnishing this water pump it out of Lodgepole Creek without first obtaining an appropriation or permit from the State. One of these haulers was ordered, by local authorities, to discontinue taking water, whereupon he applied to the department for an appropriation to use water from a natural stream for industrial purposes. Since this was the first application of that kind received by the department it was thoroughly investigated before a permit was finally granted.

During the 1952 season several meetings were held with representatives of the Mirage Flats Irrigation District. The district diverts water from the Niobrara River and maintains an "on-river" storage reservoir known as Box Butte Reservoir. The meetings were held because of the district's feeling that it was losing too much storage water between the reservoir and the diversion dam and, further, that the department was not giving necessary attention to the distribution of storage and natural flow on the same section of the river. The department provided the district with some special hydrographic service and explanatory information, and also provided it with an analysis of storage water used during the 1950 and 1951 seasons, which showed that all storage water released was diverted by the district without any transportation loss. This action has created a better understanding and relationship to the extent that future cooperation should be much improved.

During the biennium there has been an adequate supply of water for all appropriators on the North Platte and Platte Rivers from Guernsey, Wyoming to Kearney, Nebraska. All canals having storage contracts in that section had ample storage water available to supplement natural flow when needed to produce good crops. Water stored in Pathfinder Reservoir was used above Wellen, Nebraska, and water stored in Kingsley Reservoir was used below Wellen. A number of the canals in this section diverted storage water when short of natural flow and in some cases storage water was used in addition to natural flow limitations. One important phase of administration in this section con-

sisted of regulating releases from the two reservoirs so that all canal requirements would be satisfied without waste. This operation worked very satisfactorily during the biennium because of the excellent cooperation of the Bureau of Reclamation with respect to Pathfinder Reservoir, and The Central Nebraska Public Power and Irrigation District with respect to Kingsley Reservoir. The department regulated the natural flow in order of priority and for amounts diverted in conformity with acreage reports. While some problems arose, in general, the administration on this large section of the river worked smoothly during the biennium.

With the Enders Reservoir and the Harry Strunk Lake in operation it was anticipated that strict administration of the water supply would be necessary in the Republican River Basin during the 1951 irrigation season. Consequently for the first time in several years a full time water commissioner was employed early in the season and a program of daily regulation of headgates and daily reporting was undertaken. However, as excessive precipitation prevailed throughout the season making ample water available for all, it was soon found that such a program was then unnecessary. The requirements of all direct flow appropriators were supplied at all times and water was stored throughout the season in the Enders Reservoir.

The 1952 irrigation season in the Republican River Basin was an exceedingly dry one and the daily regulation of canals was necessary from June through September. Many junior canals and pumps were closed to natural flow during that period, however, the shortages were made up by Enders Reservoir storage water which had been purchased from the U. S. Bureau of Reclamation under temporary contracts. As shown in detail elsewhere in this report some natural flow and storage water was delivered for the first time to a few thousand acres along the Cambridge, Superior and Courtland canals in partially constructed Reclamation projects. No particularly difficult administrative problems arose, but the need for reliable measuring and recording devices on all canals and pumps to insure equitable distribution of water was emphasized by the water shortage.

The proposition of administering drain ditch water remains a continuing problem. While the department assumes no jurisdiction over drain ditch water, many people who wish to use this water for irrigation request permits and are quite disturbed when they learn there are no laws governing the use of this water. We have also been asked to control diversions from drain ditches, and in the absence of law governing the use of this water, and based upon court decisions, we have discontinued the practice of granting direct diversion permits, or optional diversion permits from drain ditches.

The increased use of pumps and sprinkler systems for irrigation has stimulated the use of water from drain ditches and from lakes and ponds. Since there are no laws authorizing the use or appropriation of such water the department is unable to administer it. Because of this situation the interested public is inclined to condemn the service rendered in this regard. Numerous inquiries are received which can not be answered to the satisfaction of the interested parties. The statutes do provide for appropriating lake water to supplement the direct flow supply, but do not provide for using it otherwise for irrigation.

HYDROGRAPHY

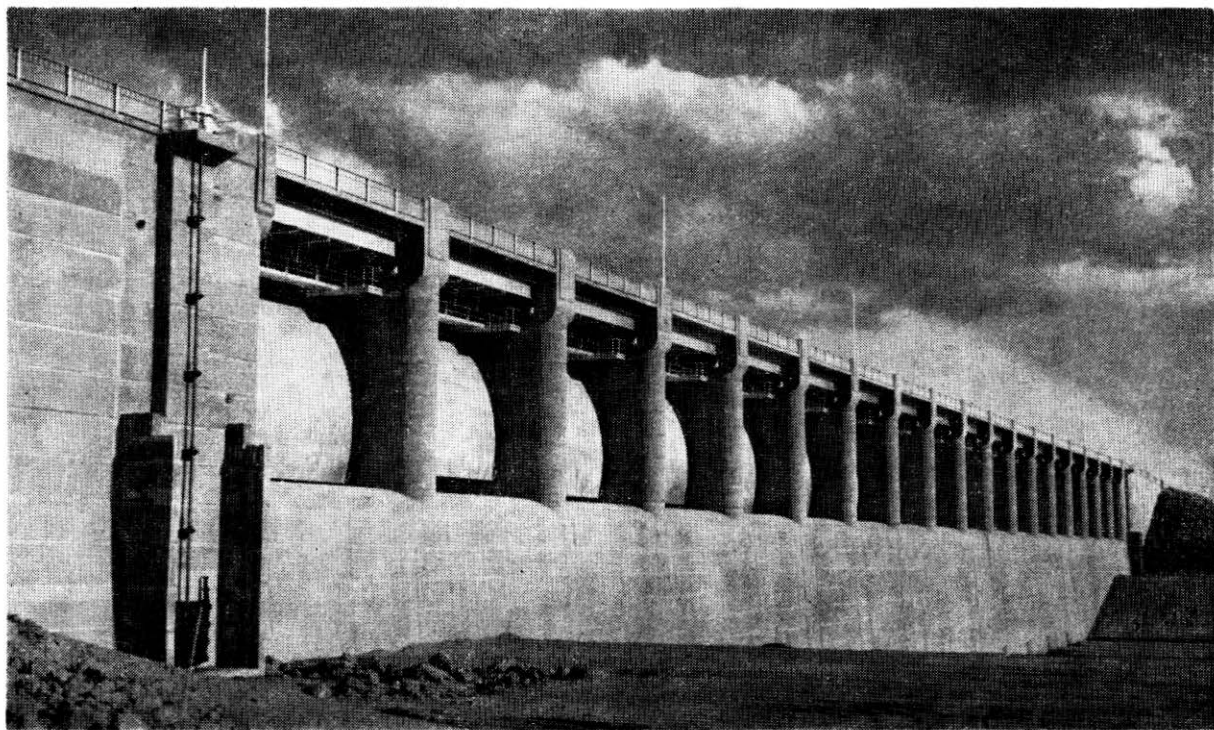
The cooperative stream gaging program of the U. S. Geological Survey and the Department of Roads and Irrigation was continued during the biennium on a dollar-for-dollar matching basis, each agency providing \$35,000 or equivalent services annually. There was an average of seventy gaging stations maintained and operated under the cooperative program during 1951 and 1952. In addition, the Geological Survey has been maintaining about eighty other stations in the State in connection with Inter-State Compacts and in the interest of Federal Agencies engaged in planning water resources developments in the Missouri River Basin.

During the biennium one cooperative station has been completely renewed on Tub Springs Creek near Scottsbluff. This station was washed out by flood waters in the month of June, 1952. The North Platte River station near Mitchell was converted from a bank installation to one fastened on a bridge pier. This change was made in July, 1952.

The department employs eleven hydrographers to gage rivers, streams and canals, and to record discharges and the water diverted into canals for irrigation, power, and other useful purposes. The frequency of measuring canals depends upon the accuracy of the rating flume in the canal. The Parshall Flume is the most accurate type of rating flume adaptable for general use in Nebraska canals. However, there are only eighteen canals with Parshall Flumes. Three canals use weirs and sixty-five canals use old style rating flumes. During the biennium three large canals have been built and put into operation, Courtland, Cambridge and Superior on a Bureau of Reclamation Republican River Project.

NEW DEVELOPMENT

The U. S. Bureau of Reclamation and U. S. Corps of Engineers continued construction of irrigation and flood control projects in



Upstream Face of Spillway Structure of Harlan County Dam near Alma, Nebraska.
An Earth-fill Dam 115 Feet High and 13000 Feet Long on Top.

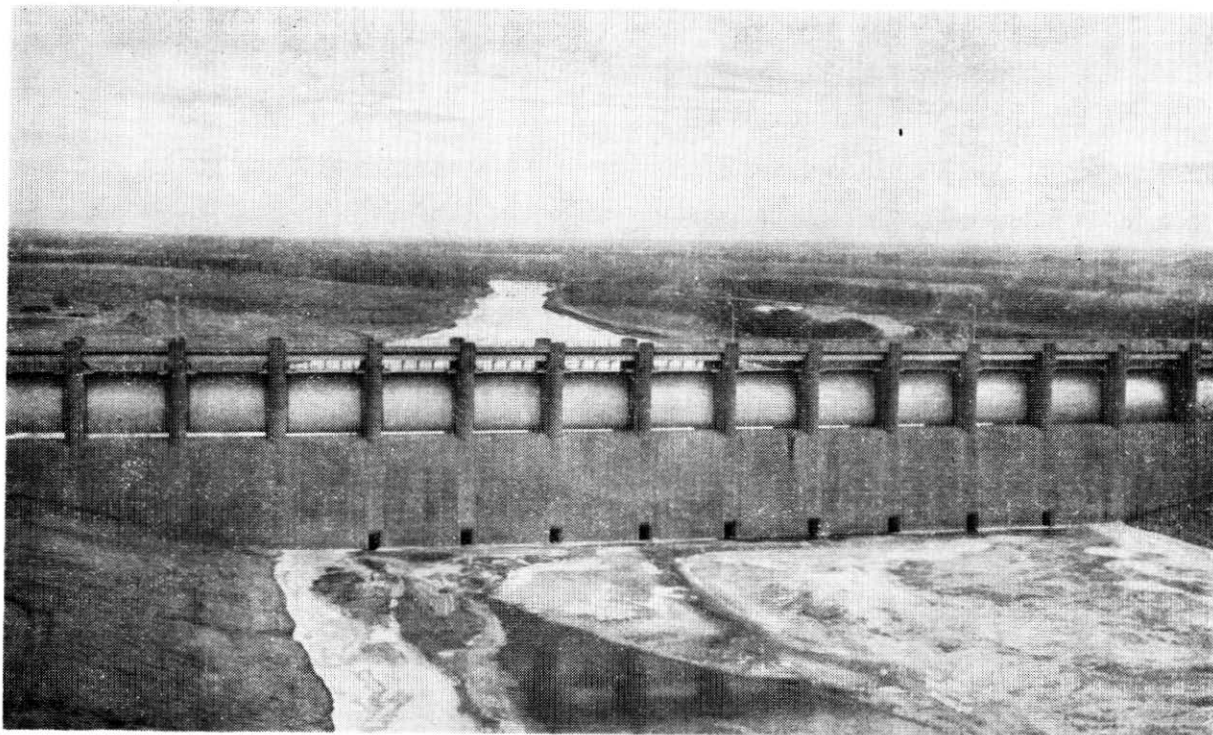
the Republican River Basin and continued investigations throughout the State.

Medicine Creek Dam on the Medicine Creek near Cambridge, completed in 1949, was operated primarily in the interest of flood control during the biennium. The Enders Dam on the Frenchman River was completed and the first water was stored on October 29, 1950. The Trenton Dam on the Republican River near Trenton, started in June, 1950, was approximately seventy per cent complete on September 30, 1952. It is scheduled for completion in August, 1953.

The upper section of the Cambridge Canal and its lateral system were completed during 1952 and some canal-side deliveries of irrigation water were made by the Bureau of Reclamation during 1951 and 1952. This portion of the canal system will supply land in the Frenchman-Cambridge Irrigation District on the north side of the Republican River between Cambridge and Oxford. The Superior Canal and lateral system and the Nebraska portion of the Courtland Canal and lateral system were completed during 1952 and some deliveries of irrigation water were made. The Superior and Courtland Canals will serve lands in the Bostwick Irrigation District from Guide Rock to Superior. Construction was initiated during 1952 on the lower section of the Cambridge Canal and lateral system, the Franklin South Side Pumping Plant, and the first section of the Franklin Canal.

The multiple purpose Harlan County Dam on the Republican River was completed in 1952 and plans were made for the initial storage of water to take place in the fall of 1952. The storage was to be started under an operational procedure consistent with general operational objectives which had been adopted after several conferences of representatives of the Corps of Engineers, Bureau of Reclamation, the State Engineers of Colorado, Kansas, and Nebraska, and other Federal and State agencies interested in irrigation, flood control, public health, recreation, and fish and wildlife developments. The objectives, as agreed upon on June 27, 1952, are summarized as follows:

The general operational objectives for Harlan County Reservoir, as visualized at this time, are for the multiple use purposes of flood control, irrigation, public health, recreation, and fish and wildlife preservation. A bulkheaded opening is being provided in the dam to permit a possible future power installation. In order to assure realization of the greatest public benefits, operation plans should be sufficiently comprehensive to permit the maximum integration of the other uses consistent with the primary purposes of flood control and irrigation. To the maximum extent possible and consistent with the Republican River



Upstream Face of Spillway Structure of Harlan County Dam.

Compact, Harlan County Reservoir should be considered as but one part of the system of reservoirs in the Republican River Basin, and should be operated to obtain maximum system benefit for all concerned uses from all reservoirs in the system operating as a unit of the Missouri River Basin Project. Reservoir operations will be complemented by the programs of land management and soil conservation, which will extend the efficient operation of the reservoir for all purposes by reduction of sediment accumulation.

Further progress was made in the development of plans for the Sargent irrigation project on the Middle Loup River with the formation of the Sargent Irrigation District under the 1895 Act. The proponents of this development are now in a position to enter into a repayment contract with the Bureau of Reclamation when the project reaches the construction stage.

The Nebraska Mid-State Reclamation District continued engineering studies on its proposed irrigation, power and general purpose project. In this connection, a joint study of the water supply of the Platte River was undertaken by engineers of the Mid-State District, the Bureau of Reclamation, the Platte Valley Public Power and Irrigation District, The Central Nebraska Public Power and Irrigation District, the State Conservation and Survey Division, and the Bureau of Irrigation. The purpose of the study was to determine the probable future water supply at Overton, Nebraska, under 1951 conditions of irrigation development and under conditions of probable future development under terms of the existing South Platte River Compact, and the United States Supreme Court Decree on the North Platte River. At the time of this report the study had not been completed.

Another matter with which the department was concerned during the biennium was the negotiation of a modification of the Supreme Court Decree on the North Platte River. Although negotiations were not finally completed at the time of this report, it appeared quite certain that officials of the United States and the States of Colorado, Wyoming and Nebraska would reach an agreement which would permit a modest increase in irrigation acreage in Colorado and remove objections to the construction of the proposed Glendo Reservoir which will benefit eastern Wyoming and western Nebraska.

Near the close of the biennium a draft of a proposed report for the development of the irrigation and power potentialities of the Niobrara River Basin was released by the Bureau of Reclamation for informal review by Federal, State and local agencies. Plans were being made by the Bureau of Irrigation to hold public hearings at several points in the basin to obtain local reactions to the proposal.

PUBLIC POWER AND IRRIGATION DISTRICTS

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

During the biennium five hearings were held by the department on the petitions for amendments to creative petitions filed by rural public power districts.

Petitions for creation of the K. B. R. Rural Public Power District, Northwest Rural Public Power District, and for the Twin Valley Public Power District were approved by the department. The Buffalo County Public Power District was dissolved and its territory was included in the Dawson County Public Power District.

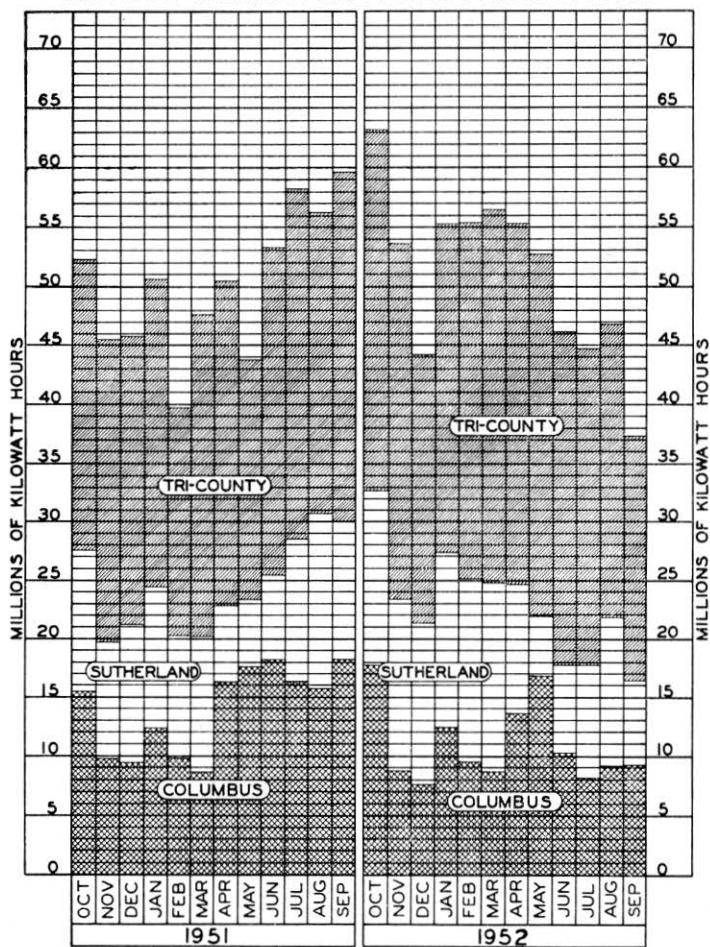
Contract lettings less than \$1000.00, and contracts negotiated under the emergency provisions of the law are not supervised by the department.

The department supervised the receiving of bids for construction, material, equipment, etc., involving 75 proposals, and actual contract awards exceeded \$10,000,000.00. Data concerning lettings supervised by the department are given in the tabulation, which follows:

Name of District	Address	Number of Lettings	Value of Contracts Awarded
Butler County Rural Public Power District	David City	2	\$ 127,711.05
Cedar-Knox County Rural Public Power District	Hartington	1	128,627.00
The Central Nebraska Public Power and Irrig. Dist.	Hastings	11	62,056.92
Consumers Public Power District	Columbus	2	396,634.00
Cornhusker Rural Public Power District	Columbus	6	395,929.12
Custer Public Power District	Broken Bow	3	1,009,461.03
Dawson County Public Power District	Lexington	1	80,816.00
Eastern Nebraska Public Power District	Syracuse	1	483,875.00
Elkhorn Rural Public Power District	Battle Creek	1	206,034.97
Loup River Public Power District	Columbus	31	5,553,980.37
McCook Public Power District	McCook	3	212,083.73
Norris Rural Public Power District	Beatrice	1	143,775.00
North Central Nebraska Rural Public Power Dist.	Creighton	2	422,172.71
Northeast Nebraska Rural Public Power District	Emerson	1	207,595.90
Omaha Public Power District	Omaha	6	334,145.20
Platte Valley Public Power and Irrigation District	North Platte	1	3,550.00
Seward County Rural Public Power District	Seward	1	4,221.50
Wayne County Rural Public Power District	Wayne	2	237,022.89
			75 \$10,009,692.39

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, 1952:

Applications for water appropriations	296
Appropriations canceled	76
Applications dismissed	8
Dockets dismissed	1
Applications to use ground water for irrigation pending	496
Hearings held Re: water appropriations	5
Hearings held Re: rural public power districts	5
Cases appealed to Supreme Court	1
Relocation permits	19
Water power Leases issued	1
Irrigation Districts organized under Ch. 46-101	1
Rural Electrification Districts organized	3
Rural Electrification Districts dissolved	1
Deeds recorded (involving 162 appropriations)	106
Reports of field investigations	553
Maps and Plans	239
Canal gagings made by Nebraska	9159
Stream gagings made by Nebraska	9590
Gaging stations with recording gages	235
Gaging stations with non-recording gages	26
Fees collected covering:	
Applications, plans, power leases, deeds, petitions, certificates, and copying records	\$44,847.74

THIS PAGE INTENTIONALLY LEFT BLANK

COURT DECISIONS

IN RE CANCELLATION OF PART OF THE WATER APPROPRIATION UNDER DOCKET 646, KNOWN AS THE BIRDWOOD IRRIGATION DISTRICT, BIRDWOOD CREEK, WATER DIVISION NO. 1-A.

STATE OF NEBRASKA ET AL., APPELLEES,
V.
BIRDWOOD IRRIGATION DISTRICT ET AL., APPELLANTS.

Filed March 23, 1951. No. 32818.

1. **Waters.** An adjudicated appropriation of the waters of a stream for irrigation purposes is a vested property right which is subject only to the law in existence at the time the right was acquired and to such reasonable regulations subsequently adopted by virtue of the police power of the state.
2. A use of water for irrigation purposes in this state under an appropriation made prior to 1895 is not limited in quantity except that it must be within the limits of the adjudicated appropriation, that it must be for some useful and beneficial purpose, and that it must not exceed the least amount of water that experience indicates is necessary in the exercise of good husbandry for the production of crops.
3. The state may regulate and control the use of its public waters for irrigation by virtue of its police power to prevent waste, to protect against unlawful diversions, and to enforce all adjudicated water rights in accordance with their terms.
4. It is a fundamental principle of common law that one may not divert more water even under a valid appropriation than he can put to a beneficial use, and when the appropriator ceases to use it for such purpose the right ceases. The irrigation laws of this state, including the Raynor Act of 1889, are declaratory of this principle of the common law.
5. A statute providing for the forfeiture of a water right, after notice and hearing, where it appears that the water appropriation has not been used for some useful or beneficial purpose, or having been so used, has ceased to be used for such purpose for three years or more, constitutes a valid exercise of the police power of the state. As such it is valid as to past as well as to future appropriations.
6. The application of water to a beneficial use operates as a condition subsequent which in fact fixes the extent of the right originally acquired.

7. The power of the state to cancel the whole of an appropriation for irrigation purposes for nonuser carries with it the right to cancel a part thereof for nonuser.
8. Where an adjudicated appropriation describes the lands to which the water is to be applied, lands not included within such description have no rights thereunder.
9. Where an irrigation district acquires an appropriation for the purpose of serving particular lands, lands outside such district can gain no right to water under the appropriation except in the manner provided by statute.
10. The method provided by statute for bringing lands within an irrigation district is exclusive.
11. A change in locational use of appropriated waters for irrigation purposes can be made only in the manner provided for by statute for obtaining the approval of the Department of Roads and Irrigation.
12. The purpose of an irrigation district is to furnish water for irrigation purposes to be usefully and beneficially applied to lands within the district. The appropriation of the district is dedicated to the lands within the district to which water has been beneficially applied and which have not come within the provisions of the nonuser statute.
13. An irrigation district may not therefore deprive landowners in the district of the continuing benefit of its dedicated use without the consent of the landowner and the approval of the Department of Roads and Irrigation.
14. Nor may a landowner outside the district gain a right to use the irrigation waters of the district for irrigation purposes unless he be brought into the district in the manner provided by statute.
15. Records, letters, or other documents not put in evidence at a hearing before the Department of Roads and Irrigation are no part of the record and may not be properly included in the bill of exceptions.

Heard before Simmons, C. J., Carter, Messmore, Yeager, Chappell, Wenke, and Boslaugh, J. J.

CARTER, J.

This is a proceeding commenced by the Department of Roads and Irrigation to cancel a part of the water appropriation of the Birdwood Irrigation District. After notice and hearing, the department determined that a beneficial use of water had not been

made upon 6,762.78 acres of land within the district, and canceled the appropriation of water for such lands. The district and a number of landowners within the district appeal.

The appropriation of water from Birdwood Creek for irrigation purposes which is now owned by the Birdwood Irrigation District was adjudicated on August 12, 1898. The department determined the date of priority to be October 21, 1893. The order described approximately 12,000 acres of land to which the appropriation was to apply and determined that the amount of the appropriation was not to exceed 100 cubic feet per second of time. The department further limited the appropriation to the capacity of the ditch and the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of good husbandry. The time for completing the application of water to the beneficial use indicated was fixed as of September 1, 1902. No appeal was taken from this order.

The appropriation here involved was given a priority date as of October 21, 1893. The adjudication of the water right gave to the Birdwood Irrigation District and its predecessors in interest a vested right to the use of the waters appropriated, subject to the law at the time the vested interest was acquired and such reasonable regulations subsequently adopted by virtue of the police power of the state. *Enterprise Irrigation District v. Willis*, 135 Neb. 827, 284 N. W. 326; *State ex rel. Cary v. Cochran*, 138 Neb. 163, 292 N. W. 239.

The Constitution declares the necessity of water for domestic use and for irrigation purposes in this state to be a natural want. Art. XV, s. 4, Nebraska Constitution. Our statutory law on the subject of irrigation and the decisions of this court dealing therewith show a clear intention to enforce and maintain a rigid economy in the use of public waters of the state. It is the policy of the law in all the arid states to compel an economical use of the waters of natural streams. One of the very purposes of the state in the administration of public waters is to avoid waste and to secure the greatest benefit possible from the waters available for appropriation for irrigation purposes. *Farmers Canal Co. v. Frank*, 72 Neb. 136, 100 N. W. 286.

The appropriation for irrigation purposes here involved is clearly subject to the law existing as of its adjudicated priority date. It is a fundamental principle of the common law that one may not divert more water, even under a valid appropriation, than he can put to a beneficial use. The Raynor Irrigation Law of 1889 provided in part: "The appropriation must be for some useful or beneficial purpose, and when the appropriator or his

successor in interest ceases to use it for such a purpose, the right ceases." Laws 1889, c. 68, art. 1, s. 2, p. 504. This statute was in force on the adjudicated priority date. It is declaratory of the common law rule and sustains the contention of the department that so-called vested appropriations of water for irrigation purposes may be lost by nonuser or abandonment. The intent of the 1889 act is made clear when it declares: "No person entitled to the use of water from any such ditch or canal, must under any circumstances use more water than good husbandry requires for the crop or crops that he cultivates * * *." Laws 1889, c. 68, art. 2, s. 14, p. 515. These principles were the law of this state when the adjudication of the water right before us was made. They still remain in our irrigation statutes and have become the fixed policy of the state. S. 46-229, R. S. Supp., 1949. The application of water to a beneficial use operates as a condition subsequent which in fact fixes the extent of the right originally acquired.

The appellants contend that, regardless of nonuser or failure to irrigate a large portion of the lands under an appropriation, the department is without authority to cancel the water right on lands not so used. Such a construction of the powers of the department would defeat a major purpose of the department and render the nonuser and abandonment provisions of the irrigation law nugatory. The department is expressly authorized by statute, after notice and hearing, to forfeit a water right where it appears that the water appropriation has not been used for some beneficial or useful purpose, or having been so used at one time has ceased to be used for such purpose for more than three years. S. 46-229.02, R. S. Supp., 1949. The constitutionality of the foregoing statute was upheld by this court in *Kersenbrock v. Boyes*, 95 Neb. 407, 145 N. W. 837, and *Dawson County Irrigation Co. v. McMullen*, 120 Neb. 245, 231 N. W. 840. In the *Kersenbrock* case it was held also that the act was not invalid because it applies to both past and future appropriations. We deem these propositions as settled in this state. Consequently, where it appears that irrigation water has not been applied to lands described in an adjudicated appropriation for the statutory period of three years, such nonuser will result in the loss of the right, although the right is one that is termed a vested, adjudicated right. The policy of the law is to require a continued beneficial use of appropriated waters to avert their loss under the nonuser provisions of the irrigation statutes.

It is urged, however, that even if the department has the authority to cancel an appropriation for nonuser, it has no right to cancel a part of an appropriation for the reason that only a part of the acreage described in the adjudication has been irrigated. We do not think the position assumed by the appellants

on this question is the correct one. In *Smith v. Hawkins*, 120 Cal. 86, 52 P. 139, it was said: "If plaintiffs could forfeit their entire right of appropriation by nonuser, equally will they be held to forfeit less than the whole by like failure. In other words, the necessary result of the principles declared on that appeal is that, no matter how great in extent the original quantity may have been, an appropriator can hold, as against one subsequent in right, only the maximum quantity of water which he shall have devoted to a beneficial use at some time within the period by which his right would otherwise be barred for nonuser. And this principle has been more explicitly declared in the recent case of *Senior v. Anderson*, 115 Cal. 496, where it is held that an appropriation of water by the owner of land by means of a ditch is not measured by the capacity of the ditch through which the appropriation is made, but is limited to such quantity, not exceeding the capacity of the ditch, as the appropriator may put to a useful purpose." See, also, *Hewitt v. Story*, 64 F. 510, 30 L. R. A. 265; *Rocky Ford Irrigation Co. v. Kents Lake Reservoir Co.*, 104 Utah 202, 135 P. 2d 108. The fact that many provisions of our irrigation statute came from California makes the interpretations of the California statute by the courts of that state of particular application here. *Magner v. Kinney*, 141 Neb. 122, 2 N. W. 2d 689. We conclude that the power to cancel the whole of an appropriation for irrigation purposes for nonuser carrier with it the right to cancel a part. *United States v. Tennessee & Coosa R. R. Co.*, 176 U. S. 242, 20 S. Ct. 370, 44 L. Ed. 452.

The foregoing is consistent with the Raynor Irrigation Law of 1889, as well as the irrigation statutes passed subsequent thereto. It integrates itself into the public policy of the state with reference to the appropriation of public waters. It is consistent also with the provisions of the appropriation as it was adjudicated in 1898. It gives effect to the constitutional provision that the necessity of water for irrigation is a public want. It in no manner changes a substantive right. It merely sustains the procedural remedy provided by the Legislature for enforcing a condition inherently in the appropriation to the effect that the rights attained thereby could be lost by nonuser. It is consistent with the theory that water may not be wasted. An appropriator will not be permitted to retain an interest in public waters, to which he has a valid appropriation, which are not put to a beneficial use. Such a rule would be contrary to the policy of the state that the necessity for water irrigation is a public want and that the public waters of the state, available for appropriation for irrigation purposes, should be administered to secure the greatest benefit possible therefrom. An appropriator will not be permitted to retain an interest in the use of public waters which he has never put to a beneficial use, or having

been once put to a beneficial use has failed for the statutory period to continue such beneficial use. It is the express duty of the department to determine the appropriations, or parts thereof, which are subject to forfeiture for nonuser and make the waters covered thereby available to junior appropriators or new applicants. It is the duty of the department to protect the rights of any and all the appropriators of public waters. It is its duty also to see to it that the maximum amount of water may be subject to appropriation. It is enjoined to perform such duties in the fulfillment of the policy of the state with reference to its public waters as evidenced by constitutional and statutory provisions, and the interpretations of the courts of this state with reference thereto.

The record shows that the water appropriation for lands falling into several different groups was canceled. We shall deal briefly with each group. (a) There were some lands described in the adjudicated appropriation which were not within the Birdwood Irrigation District. The evidence shows that water had never been applied to these lands and consequently the water appropriation for them was properly canceled. (b) There were some lands not included in the adjudicated appropriation that were below the Birdwood Irrigation District canal which were alleged to be within the district. The record shows that these lands were not included in the lands described in the adjudicated appropriation, nor were they subsequently brought into the district in the manner provided by statute. None of the waters included in the appropriation of the Birdwood Irrigation District therefore were available to such lands. Such lands may not be properly considered in determining the acreage entitled to water under the appropriation of the Birdwood Irrigation District. (c) There are lands lying above the canal of the Birdwood Irrigation District which were not described or otherwise included in the adjudicated appropriation, nor subsequently brought into the district. The evidence shows they were irrigated for a number of years last past by pumping from the canal of the irrigation district. The department correctly determined that none of the waters included in the adjudicated appropriation were for these lands and could not therefore be included in determining the acreage to which the adjudicated appropriation applied that had been put to a beneficial use and had not been lost by nonuser. (d) There were lands included in the adjudicated appropriation which are outside the district for which water is claimed. The record shows that this land was not irrigated prior to 1944, but that it had been irrigated about two years prior to the hearing. The record shows further that the owner made application to the department to include these lands within the district, but the application was denied. This was a final determination by the department from which an appeal should have been

taken if the owner felt that the department was in error. The land was not within the district and any claim to water by virtue of the adjudicated appropriation was lost thereby. The order of the department with reference thereto appears to be correct.

The order made by the department cancels the appropriation for approximately 200 acres belonging to Harry Brodbeck. This land lies within the Birdwood Irrigation District and was included in the adjudicated appropriation now belonging to the Birdwood Irrigation District. The record shows that the only issue here is whether the department correctly canceled the water rights to that part of the Brodbeck lands described as Lots 1 and 2 in the north half of the northwest quarter of Section 9, Township 14 North, Range 31 West of the 6th P. M., and Lots 1, 2, 3, and 4 in Section 8, Township 14 North, Range 31 West of the 6th P. M. The lands in Section 9 were excluded because a beneficial use of water had not been made upon them. Those in Section 8 were excluded because it is shown by the evidence that the lands had not been irrigated for three years. That the lands in question in Section 8 are irrigable lands was judicially determined in Birdwood Irrigation District v. Brodbeck, 148 Neb. 824, 29 N. W. 2d 621. The evidence of the appellant Brodbeck is that the lands in Section 9 are irrigable and that waters in the adjudicated appropriation have been put to a beneficial use on this land. The burden of proof to establish nonuser is upon the department. We find no evidence properly in the record to sustain the department's order with respect thereto. There are records and letters in the bill of exceptions, tending to sustain the department's action, which were not put in evidence at the hearing. They are not properly a part of the bill of exceptions, and the motion of appellants to strike them from the bill of exceptions should have been sustained. A bill of exceptions properly includes all the evidence offered at the hearing. Evidence not so offered has no place in the bill of exceptions. S. 46-210, R. S. 1943.

It appears, therefore, that the evidence will not sustain the department in canceling the water right appurtenant to Lots 1 and 2 in Section 9. As to Lots 1, 2, 3, and 4, in Section 8, the appellant Brodbeck offered no evidence that it had been irrigated within three years prior to the hearing. The report of the department engineer appearing in the record indicates that it had not been so used. We think the action of the department was correct under the provisions of section 46-229.04, R. S. Supp., 1949, providing: "At such hearing the verified report of the district superintendent, water commissioner or engineers of the department shall be prima facie evidence for the forfeiture and annulment of such water appropriation. If no one appears at the hearing, such water appropriation shall be declared forfeited and annulled. If

some one interested appears and contests the same, the department shall hear evidence, and if it appears that such water has not been put to a beneficial use, or has ceased to be used for such purpose for more than three years, the same shall be declared canceled and annulled." No contest having been made as to the lands in Section 8, the department was warranted in canceling the water right to such lands.

As to the appellant Brodbeck, we hold that the order canceling the water right to his lands in Section 9, consisting of approximately 50 acres, is not sustained by the evidence. The order of the department as to the lands in Section 8 is correct.

Certain of the appellants contend that they have been taking water from the Birdwood Irrigation District canal and for many years have applied it on lands not included in those described in the original appropriation. It is asserted that such persons have thereby obtained a right to continue to use such waters. While it is true that prior to the Irrigation Act of 1895 a freedom to change the location of the use apparently existed, no such right now exists except by permission of the Department of Roads and Irrigation. Such requirement does not divest the right. It is a valid exercise of the police power of the state in the regulation of its public waters to insure an orderly administration of such waters, to eliminate waste, and to secure the greatest benefit possible from waters available for irrigation purposes. But any such right of change in locational use, with the approval of the Department of Roads and Irrigation, has always been subject to qualification in the case of a canal company organized to carry and distribute irrigation water which has acquired an appropriation for the purpose of serving particular lands. In such a situation the rights of the canal company, which is in the nature of a public service corporation, with respect to the waters appropriated even though acquired prior to 1895, have become dedicated to the use of the lands which the canal was constructed to serve and to which such waters have been applied. The canal company cannot, therefore, deprive landowners of the continuing benefit of this dedicated use without their express consent and the approval of irrigation authorities of the state. *United States v. Tilley*, 124 F. 2d 850; *Farmers & Merchants Irrigation Co. v. Gothenberg Water Power & Irrigation Co.*, 73 Neb. 223, 102 N. W. 487. The purpose of an irrigation district or canal company is to furnish water for irrigation purposes to be usefully and beneficially applied to land within the district. *Lincoln & Dawson County Irrigation Dist v. McNeal*, 60 Neb. 613, 83 N. W. 847; *Platte Valley Public Power & Irrigation Dist. v. County of Lincoln*, 144 Neb. 584, 14 N. W. 2d 202, 155 A. L. R. 412. We hold, therefore, that one can gain no right to the use of waters of an irrigation district or canal company merely by using such waters for irrigation purposes for

a period of time. The Raynor Irrigation Act of 1889 provided that the place of intended use be specified in an appropriation. Laws 1889, c. 68, art. 1, s. 8, p. 505. To gain a right, one whose lands were not described as being a beneficiary of the use can gain such a right only in the manner provided by Chapter 46, R. S. 1943, and amendments thereto. No action having been taken to bring such lands within the district, the claims of persons outside the district based on the fact that they have used waters within the district's appropriation are without merit. The statute providing the method for bringing lands within the district for the purpose of sharing in its appropriation of water for irrigation purposes is exclusive.

The original appropriation was for an amount of water not exceeding 100 second-feet which was necessary for the production of crops in the exercise of good husbandry on the 12,000 acres described in the application. The department reduced the amount of the appropriation in proportion that the amount of the acreage lost bore to the total acreage included in the adjudicated appropriation. No objection was made to this method of determining the quantity of water to which the Birdwood Irrigation District was entitled after the acreage cancellations for nonuser were made. Consequently, there is no issue before the court on this point. The number of acres in the district to which water had been beneficially applied was determined to be 5,237.22. To this the 50 acres in Section 9, as hereinbefore determined, should be added, thereby increasing the amount to 5,287.22 acres. The appropriation of the Birdwood Irrigation District from Birdwood Creek in the amount of 43.64 second-feet, with priority of October 21, 1893, should be revised upward to include water for the Brodbeck lands in Section 9. The order of the department is affirmed as so modified.

MODIFIED AND AFFIRMED.

CARL E. FAUGHT ET AL., APPELLEES,
V.
PLATTE VALLEY PUBLIC POWER AND IRRIGATION DISTRICT,
A PUBLIC CORPORATION, APPELLANT.

Filed January 11, 1952. No. 32987.

1. **Appeal and Error.** To obtain a review of errors of law occurring upon the trial of an equity case, a motion for new trial must be filed assigning the same therein.

2. Likewise, such alleged errors must be assigned and discussed in the brief filed in this court on appeal or they will not ordinarily be considered.
3. **Waters.** The right to use water for irrigation purposes may be acquired by contract with a common carrier irrigation corporation, and such contracts are generally governed by the same rules which pertain to other contracts.
4. **Statutes: Contracts.** Existing statutes and laws with reference to which a contract is made enter into and become a part thereof, subject to appropriate legislative limitations subsequently enacted under the police power of the state, and such principle embraces alike those which affect its validity, construction, discharge, and enforcement.
5. Thus when a statute prescribes a duty and a contract is made involving performance of that duty, such statute becomes a part of the contract, or where the law authorizes the regulation of service rendered the public, such law becomes a part of and controls contracts providing for the public service.
6. **Contracts.** Where from the nature of a contract it is evident that the parties contracted on the basis of the continued existence of a condition or state of things to which it relates, the cessation of existence of the condition will excuse performance, a condition to such effect being implied in spite of the fact that the promise may have been unqualified.
7. **Contracts: Waters.** A construction conferring a right of perpetuity will be avoided unless compelled by unequivocal language of the contract, and a contract will not be construed as imposing a perpetual obligation when to do so would be adverse to public interests.
8. **Waters.** A purchaser of land from one who holds a water right contract thereon with an irrigation company and who takes title thereto by deed containing ordinary covenants of warranty with no reference to the question of water rights and who refuses to accept water from the company is not personally liable for the maintenance fee mentioned in the water right contract between the grantor and the irrigation company, and, for want of privity of estate, an action cannot be maintained against him to recover a personal judgment therefor.
9. An agreement to pay an irrigation corporation maintenance charges as consideration for the right to use irrigation water upon land is not a covenant running with the land in the absence of privity of estate, which can be created only in connection with a grant of the land sought to be charged or an estate therein, or the equivalent thereof, and the grant

- of a right to use irrigation water belonging to the public to be conveyed to the land by the corporation is not a right in land or the equivalent thereof.
10. An irrigation corporation does not become the owner or proprietor of the water that it conveys as a public commodity. It is only the servant of the public to carry it to the land for which it has been appropriated, and in such respect stands on the same footing as a common carrier.
 11. No private estate can be created in property belonging to the public or devoted to a public use, and a consumer of irrigation water who is not a stockholder in the corporation cannot have a water right in the sense that it is a private freehold interest in the real estate of the distributing irrigation corporation because his right is simply a right of service.
 12. The exercise or enjoyment of such right of service does not create an easement in the property of the corporation or the consumer but simply is a right of service to be rendered him by a common carrier public utility subject to regulation and control of the state in such manner as may be prescribed by law.
 13. A contract with an irrigation corporation for the use of water is executed with reference to the statute 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.
 14. **Contracts.** Where a contract requires successive steps to be taken by the respective parties, if, when a step becomes due, one party either in words or by their equivalent in acts, declines to take it or is unable to do so while the other is ready and willing to do his part, the latter may rescind the contract.

APPEAL from the district court for Dawson County.

Heard before Simmons, C. J. Carter, Messmore, Yeager, Chappell, Wenke, and Boslaugh, JJ.

CHAPPELL, J.

Plaintiffs brought this suit in equity to cancel and rescind a water right deed and contract and quiet title to described farm land owned by them as against the same because of material changed conditions and abrogation of the deed and contract by

defendant. Defendant for answer and cross-petition denied generally and specifically plaintiffs' right to relief prayed and sought a personal judgment against plaintiffs for increased annual water service maintenance charges allegedly due and unpaid by them for the years 1948, 1949, and 1950.

After hearing upon the issues the trial court rendered a decree which cancelled and terminated the contract as of December 3, 1949, the time when notice of rescission was operative, quieted the title to plaintiffs' land against the same, free and clear of any liens for maintenance charges accruing after December 3, 1949, upon condition, however, that plaintiffs pay into court for the benefit of defendant the sum of \$521.91, with interest at 7 percent within 60 days from date of the decree, and in event of default thereof the judgment and decree entered upon plaintiffs' petition should be vacated and set aside. Defendant's cross-petition was dismissed without prejudice to a future action for foreclosure of such unpaid liens arising from the contract.

Defendant's motion for a new trial was overruled, and it appealed, assigning substantially that the judgment was not sustained by the evidence but contrary thereto, and contrary to law. We conclude that the assignments should not be sustained. Plaintiffs did not cross-appeal.

At the conclusion of the trial, but after argument and submission, defendant asked leave in open court to amend the prayer of its cross-petition, reducing its interest demand from 9 percent to 7 percent, and praying that any judgment awarded for maintenance service charges should be declared a lien upon plaintiff's property and a foreclosure thereof should be decreed. The request with regard to interest was granted. The other part of the request was denied without prejudice to future action brought for that purpose. In defendant's brief it was argued that the trial court thus erred. In that regard, however, it appears from the record that defendant did not assign such alleged error either in its motion for new trial or in its brief filed in this court. The applicable rule is that to obtain a review of errors of law occurring upon the trial of an equity case, a motion for new trial must be filed assigning the same therein. *Oertle v. Oertle*, 146 Neb. 746, 21 N. W. 2d 447. Likewise, such alleged errors must be assigned and discussed in the brief filed in this court on appeal, or they will not ordinarily be considered. *Hartman v. Hartmann*, 150 Neb. 565, 35 N. W. 2d 482. In any event, however, the form of the judgment was such that in the light of our conclusions herein, defendant could not have been prejudiced in any manner by the court's refusal to permit the amendment.

The facts are not in dispute. The record discloses that in March 1935, Hastings College owned the farm lands here involved.

On and prior to that time, Dawson County Irrigation Company was a privately organized and operated Nebraska common carrier public service utility corporation, with a water appropriation from the state. On March 2, 1935, the College entered into a written contract with such corporation whereby it sold and conveyed to the College and to its heirs and assigns "the right to use water from the canal of the" corporation, including a pro rata share of its available contractual reservoir waters "during the irrigation season of each year, in an amount not exceeding" a designated rate "to be used and for the purpose of irrigating" the described lands here involved. The consideration therefor was \$750 paid in cash by the College and payment by it "annually in advance, on or before the first day of March in each and every year, the further sum of one and 50/100 (\$1.50) Dollars, per acre of the land above described, as an annual maintenance charge" which payments were made a lien upon the land from the date when they became due, plus, as further consideration, a waiver and release of any and all claims then existing in favor of the College for loss or damage by reason of any leakage, seepage, breakage, or overflow from any of the canals, laterals, sub-laterals, or ditches of the corporation to any land owned or controlled by the College, together with a conveyance of a right-of-way through the land for the canal and the laterals of the corporation as then constructed upon the land.

The contract contains no date of termination except as herein-after recited, and it was agreed therein that "this contract shall have the force and effect of a covenant running to and with the said lands * * * for above described, and the canal * * *." It provided that "The **water** to be furnished under this agreement is intended to form a part of the appurtenances to the said land above described, and the right thereto shall be transferrable only with and run with said land" and that the corporation should be "bound by this instrument to all present and subsequent owners of said land, but to no other person." (Italics supplied.)

The agreement was made upon the express condition that if the College, its heirs, or assigns, at any time failed, neglected, or refused to make any of the annual maintenance charge payments at the time the same became due and payable, the corporation should have the election, without notice, to furnish the supply of water and sue for the annual payment in law or equity at its election or upon such default to shut off such supply and cease to furnish water under its provisions until payment was made of all such defaulted payments to the corporation with interest thereon at 9 percent from date of default until date of payment, and that upon full payment of such defaulted payments with interest, the College should be reinvested with all the rights

and privileges theretofore conferred, provided, however, that if any annual payment to be made should remain unpaid and in default for a period of three years, the corporation at its option and upon 60 days' notice in writing to the College, could declare the contract and deed forfeited for failure to pay such maintenance charge, whereupon the deed and contract should terminate and the rights granted therein should revert to the corporation. The contract was appropriately recorded.

The land involved is located four and one-half miles from the main canal on the end of a lateral serving several other consumers.

In 1941 defendant, a public power and irrigation district organized under the provisions of sections 70-601 to 70-671, R. R. S. 1943, purchased all the property and assets and expressly assumed and succeeded to all the rights, liabilities, and obligations of the Dawson County Irrigation Company, a corporation.

In February 1947, plaintiffs purchased the farm land here involved, and received an ordinary warranty deed to the same, which did not refer in any manner to the water right here involved. They took possession and used no irrigation water in 1947 but paid defendant the annual maintenance charges of \$1.50 an acre for that year as specifically provided in the water right deed and contract. In that connection, the fact is that the land was planted to alfalfa, and since it was underlaid with a body of underground water at a depth of about 10 feet at the highest point, no irrigation water was necessary, and they used none during 1947, 1948, 1949, or 1950, although the district was ready and willing during 1948, 1949, and 1950, upon sufficient notice, to deliver such water to them upon request if they would pay an increased maintenance rate hereinafter discussed, which plaintiffs refused to do.

On December 5, 1947, the district, without reference to any regulatory authority except by resolution of its own board of directors and without permission or consent of plaintiffs, as allegedly authorized by section 70-655, R. R. S. 1943, increased the annual maintenance charge for irrigation water service to its users from the contract rate of \$1.50 an acre to \$2.25 an acre, thus increasing the annual maintenance charge to plaintiffs, who used no water and needed no water, past or future, from \$150 a year to \$225 a year. It appears from the record that the increased maintenance charge was put into effect by defendant not only to cover increased maintenance costs but also for the purpose of amortizing its original purchase price of the Dawson County Irrigation Company canal and works, the repayment of sums borrowed to meet deficits previously incurred in the operation thereof, and for financing capital improvements and replacements.

Plaintiffs refused to recognize the district's authority to so increase the rate, refused to enter into a new agreement providing therefor as proposed by defendant, and so advised the district. However, plaintiffs offered at all times to perform the contract as originally executed, and tendered full payment of the maintenance charges at the regular original contract rate with interest, which defendant refused to accept because it was allegedly insufficient to discharge their duty under the increased maintenance rate. Thereafter, on December 3, 1949, plaintiffs filed this action, wherein decree was rendered on December 11, 1950.

In the district court, and again in this court, plaintiffs contended that, because of materially changed conditions and abrogation of the contract by defendant, together with its refusal to perform the same in the light of the provisions of statutes applicable thereto and a part thereof as originally executed, they were entitled, upon reasonable notice, to rescind the contract and have the same cancelled and the title to their land quieted against the same. Such alleged material conditions were their lack of use or need for irrigation water past or future, and defendant's attempt under the provisions of statutes authorizing it to organize and operate, which were never a part of the contract as originally executed, to force plaintiffs to pay alleged increased maintenance rates for amortization of the original purchase price of the Dawson County Irrigation Company canal and works, for repayment of sums borrowed to meet deficits previously incurred in the operation thereof, and for financing capital improvements and replacements. We sustain plaintiffs' contentions.

On the other hand, defendant contended and here contends that the contract contained covenants running with the land imposing an easement on plaintiffs' land and defendant's canal; that the contract as originally executed was made with reference to the subject and existing law under which defendant district was organized and authorized to operate, thus giving it the right to increase maintenance rates in the manner and for the purpose for which it was done; and that the contract, having no termination date, was perpetual without right of cancellation by plaintiffs or defendant. We conclude that the contention has no merit.

Fundamental rules of law governing the construction and application of such contracts should first be discussed.

In 3 Farnham, Waters and Water Rights, s. 614, p. 1935, it is said: "A relation between a consumer and a carrier may be established in either one of three different ways, or by a combination of two or more of them: (1) It may depend upon the consumer taking advantage of the statutory duty of the carrier to supply water at fixed rates; (2) it may depend upon the consumer's re-

lation to the carrier as one of its stockholders; or (3) it may be formed by a simple contract between the carrier and consumer. The rights and duties of the parties under these several modes of establishing relations may differ, and the rights claimed under either may, as has already been suggested, be modified by the existence of one of the other factors. So far as the right depends upon a simple contract relation it is similar to any other contract for a water supply, * * *." As stated in 30 Am. Jur., Irrigation, s. 40, p. 624: "The right to use water for irrigation purposes may be acquired by contract. Such agreements, generally speaking, are governed by the same rules that pertain to other contracts * * *." See, also, 56 Am. Jur., Waters, s. 256, p. 712; 67 C. J., Waters, s. 1076, p. 1404, s. 1077, p. 1406, s. 1078, p. 1407.

In *Watkins & Co. v. Kobiela*, 84 Neb. 422, 121 N. W. 448, this court held: "Statutes, with reference to which contracts are made, enter into and become part of the contract. *Sessions v. Irwin*, 8 Neb. 5." See, also, 3 *Williston on Contracts*, Revised Edition, s. 615, p. 1767.

In *Vonburg v. Farmers Irrigation District*, 132 Neb. 12, 270 N. W. 835, it was held: "The law in existence at the time a contract is made measures its legality, subject to any limitations subsequently made under the police power of the state."

In *McWilliams v. Griffin*, 132 Neb. 753, 273 N. W. 209, 110 A. L. R. 1039, it is said: "This principle embraces alike those which affect its validity, construction, discharge, and enforcement."

As stated in 17 C. J. S., *Contracts*, s. 330, p. 784: "So, when a statute prescribes a duty and a contract is made involving performance of that duty, such statute becomes a part of the contract; or, where the law authorizes the regulation of service rendered the public, such law becomes a part of and controls contracts providing for the public service."

As stated in 17 C. J. S., *Contracts*, s. 464, p. 956: "Where from the nature of the contract it is evident that the parties contracted on the basis of the continued existence of the person or thing, condition or state of thing, to which it relates, the subsequent perishing of the person or thing, or cessation of existence of the condition, will excuse the performance, a condition to such effect being implied, in spite of the fact that the promise may have been unqualified."

As stated in 17 C. J. S., *Contracts*, s. 398, p. 887: "However, a construction conferring a right in perpetuity will be avoided unless compelled by the unequivocal language of the contract, and a contract will not be construed as imposing a perpetual obligation when to do so would be adverse to public interests."

It is contrary to public policy in this state to continue to furnish irrigation water to lands when no further beneficial use can be made of such waters thereon. *Farmers Canal Co. v. Frank*, 72 Neb. 136, 100 N. W. 286; *State v. Birdwood Irrigation District*, 154 Neb. 52, 46 N. W. 2d 884.

It will be noted that neither plaintiffs nor their predecessors were ever stockholders in or owned any interest in property of the Dawson County Irrigation Company, a public service utility corporation, which never owned or conveyed any land or the equivalent thereof to plaintiffs, but, having organized and obtained an appropriation of irrigation water belonging to the public, was contractually engaged as a common carrier by means of its canals and ditches in rendering a service for compensation and its own profit, by conveying that public commodity to lands for which it had been appropriated.

In the contract here involved, the corporation did not agree to do or refrain from doing anything on its own lands or property except to maintain and keep in good repair its own canals and laterals, a duty otherwise at all times imposed by section 46-274, R. S. 1943. The corporation by this contract conveyed nothing, but simply agreed, for a consideration, to deliver irrigation water during the irrigation season of each year to the boundary of plaintiffs' land into a sublateral ditch or canal, to be made and provided at plaintiffs' expense. Otherwise it did not agree to do or refrain from doing anything on plaintiffs' land. In that connection, plaintiffs' grantor conveyed to the corporation a right-of-way through its land for the canal and laterals of the corporation, as then constructed thereon, and released any and all claims then existing for loss or damage by reason of any leakage, seepage, breakage, or overflow from any canal, lateral, sublateral, or ditches of the corporation to any land owned or controlled by the College.

At the time of the execution of the contract, it was made with reference, among others, to the following applicable and controlling statutes then existing, which became a part thereof.

Section 46-268, R. S. 1943, provided in part: "Whenever any person owning any irrigation ditch or canal, shall convey by deed or contract the right to use the water from such ditch or canal for any tract of land for irrigation purposes, such deed or contract shall be recorded in the county where such land is situated, in the same manner and under the same conditions as deeds for real estate. Such deed or contract, from the date of the recording thereof, shall be binding upon the *grantor, his, their or its successors or assigns, and all persons claiming any interest in such ditch or canal.*" (Italics supplied.)

Section 46-270, R. S. 1943, provided: "Any corporation or association organized under the law of this state for the purpose of constructing and operating canals, reservoirs, and other works for irrigation and water power purposes, shall have power to borrow money, to issue bonds, and to mortgage its property and franchises in the same manner as railroad corporations; * * *."

Section 46-271, R. S. 1943, provided in part: "Any corporation or association organized under the laws of this state for the purpose of constructing or operating canals, reservoirs or other works for irrigation purposes may, through its board of directors or trustees, assess the shares, stock or interest of the stockholders thereof for the purpose of obtaining funds to defray the necessary running expenses."

Section 46-274, R. S. 1943, provided: "Every person managing, owning or controlling any irrigation works for the storage, carriage or diversion of water, except irrigation districts, shall keep its headgates, diversion dams, canals, and laterals in reasonable and proper repair for the delivery and diversion of water to the appropriators under its canal, and the regulation thereof shall be under the control and direction of the State Railway Commission."

Section 46-275, R. S. 1943, provided: "Irrigation works constructed under the laws of this state are hereby declared to be common carriers. The owner or operator of any works for the storage, carriage or diversion of water, except irrigation districts, shall deliver all water legally appropriated to the parties entitled thereto at a reasonable rate, to be fixed by the State Railway Commission."

It will be noted that by virtue of section 46-268, R. S. 1943, the right to use the water during the irrigation season of each year was binding on the grantor, its successors, or assigns and all persons claiming any interest in such ditch or canal. However, neither plaintiffs nor their predecessors claimed any interest in the ditch or canal as such. The water to be furnished, which the corporation did not own, was simply contractually appurtenant to their land.

In that connection, it was held in *Farmers & Merchants Irrigation Co. v. Hill*, 90 Neb. 847, 134 N. W. 929, 39 L. R. A. N. S. 798, Ann. Cas. 1913B 524, that: "A purchaser of land from one who holds a water-right contract thereon with an irrigation company, and who takes title thereto by a deed containing the ordinary covenants of warranty, with no reference to the question of water rights, and who refuses to accept water from the company, is not personally liable for the maintenance fee mentioned in the water-right contract between his grantor and the irrigation company,

and an action cannot be maintained against him to recover a personal judgment therefor."

In the opinion it was said: "From the statutes and decisions referred to it would seem that the waters in the running streams of the state are public property, subject to be diverted and applied for beneficial uses. That ditches may be constructed to carry the water to agricultural lands for a reasonable compensation would seem proper, and the owner of the land may undoubtedly obligate himself to assist in the construction and maintenance of the ditch. If the owner of the land after incurring an obligation of this kind sells and conveys it, is there any obligation upon the part of his grantee to keep up a maintenance fee, although he has not undertaken to do so by any personal promise?"

"We think that the following authorities tend to show that the defendant is not personally liable, and some of these decisions perhaps tend to show that he is not liable as grantee for any burden unless he and the plaintiff in the case are privies in estate: 17 Viner, *Abridgement of Law and Equity (Privity)*, p. 534; 2 Bouvier, *Law Dictionary*; *Hurd v. Curtis*, 19 Pick. (Mass.) 459; *Educational Society v. Varney*, 54 N. H. 376; 2 Washburn, *Real Property* (6th ed.) secs. 1203-1205; *Cole v. Hughes*, 54 N. Y. 444; *Scott v. McMillan*, 76 N. Y. 141; *Nesbit v. Nesbit*, 1 Taylor (N. Car.) 403 (318); *Webb v. Russell*, 3 T. R. (Eng.) 393; *Keppell v. Bailey*, 2 Myl. & K. (Eng.) 517; 4 Kent, *Commentaries*, *473; *Mygatt v. Coe*, 124 N. Y. 212; *Pool v. Morris*, 29 Ga. 374; *Patton v. Pitts*, 80 Ala. 373; *Kettle River R. Co. v. Eastern R. Co.*, 41 Minn. 461; *Bloch v. Isham*, 28 Ind. 37; *Weld v. Nichols*, 17 Pick. (Mass.) 538; *Bally v. Wells*, 3 Wils. (Eng.) 25." However, plaintiffs did not cross-appeal and the personal judgment against them will not to be disturbed.

Lingle Water Users' Assn. v. Occidental Building and Loan Assn. 43 Wyo. 41, 297 P. 385, cited and discussed the foregoing Nebraska case with approval for its conclusion that an agreement to pay maintenance charges as a consideration for the right to use irrigation water was, under circumstances comparable with those at bar, not a covenant running with the land for want of privity of estate, which can be created only in connection with a grant of the land sought to be charged or an estate therein or the equivalent thereof, and that a right to the use of irrigation water to be delivered by such a utility was not a right in land or the equivalent thereof. See, also, *Cabell v. Federal Land Bank of Spokane*, 173 Or. 11, 144 P. 2d 297, which cited such Nebraska case in support of a like conclusion.

In that connection, this court said in *Farmers Canal Co. v. Frank*, supra: "The doctrine of private ownership of water for irrigation purposes, disassociated from the land to which it is

designed to be applied, has been proved by long experience to be detrimental to the public welfare. * * * The other doctrine is that the right to the use of water should never be separated from the land to which it is applied. 'Where this doctrine prevails, canals and ditches become like railroads, great semi-public utilities, means of conveyance of a public commodity, their owners entitled to adequate compensation for services rendered, but having no ownership in the property distributed.' * * * The irrigation company does not own the water; it is only the servant of the public to carry it to the land for which it has been appropriated, * * *." See, also, 2 Wiel, *Water Rights in the Western States* (3d ed.) p. 1241; *Farmers & Merchants Irrigation Co. v. Brumbaugh*, 81 Neb. 641, 116 N. W. 512.

As stated in *Sammons v. Kearney Power & Irrigation Co.*, 77 Neb. 580, 110 N. W. 308, 8 L. R. A. N. S. 404: "In this respect it stands on the same footing as a railroad company."

In *Enterprise Irrigation District v. Tri-State Land Co.*, 92 Neb. 121, 138 N. W. 171, it is said: "This court has repeatedly said that a canal company is to a certain extent a public service corporation; that it does not own the water that it carries, but acquires by appropriation the right to divert the same and to charge a reasonable fee for the carriage of the same to the lands upon which it was designed to be used. *Paxton & Hershey I. C. & L. Co. v. Farmers & Merchants I. & L. Co.*, 45 Neb. 884; *Castle Rock I. C. & W. P. Co. v. Jurisch*, 67 Neb. 377; *McCook Irrigation & W. P. Co. v. Crews*, 70 Neb. 115."

In 3 *Farnham, Waters and Water Rights*, s. 613, p. 1935, it is said: "In *Wheeler v. Northern Colorado Irrig. Co.* (10 Colo. 582, 3 Am. St. Rep. 603, 17 Pac. 487) it is said that the courts should jealously guard the rights of the carrier, and so deal with it, the Constitution and statutes permitting, as to encourage the investment of capital in the construction of reservoirs and canals for the storage and transportation of water. But the court further said that the question of the rights of water companies in connection with the water diverted will be governed by the user's rights, and not by those of the water company, for a carrier does not become the proprietor of the water diverted, but merely has a right to compensation for his services in carrying it to the point where it is needed." The same rule was followed in *Wyatt v. Larimer & Weld Irrigation Co.*, 18 Colo. 298, 33 P. 144, 36 Am. S. R. 280, Reversing 1 Colo. App. 480, 29 P. 906.

In *Miller v. Railroad Commission*, 9 Cal. (2d) 190, 70 P. 2d 164, 112 A. L. R. 221, it is said: "'No private estate can be created in property devoted to a public use, and a consumer of water cannot have a water right in the sense of a freehold interest in the real estate of the distributing company; that his right is simply

a right of service.' (Glenn-Colusa Irr. Dist. v. Paulson, 75 Cal. App. 57, 69 (242 Pac. 494). See, also, Leavitt v. Lassen Irr. Co., 157 Cal. 82 (106 Pac. 404, 29 L. R. A. (M. S.) 213; Coulter v. Sausalito Bay Water Co., 122 Cal. App. 480, 497 (10 Pac. (2d) 780); Hildreth v. Montecito Creek Water Co., 139 Cal. 22, 29 (72 Pac. 395).)"

In Glenn-Colusa Irrigation Dist. v. Paulson, 75 Cal. App. 57, 242 P. 494, it is said: "The supreme Court of this state in Leavitt v. Lassen Irrigation Co., 157 Cal. 82 (29 L. R. A. (N. S.) 213, 106 Pac. 404), heretofore referred to, holds, in substance, that no private estate can be created in property devoted to a public use, and a consumer of water cannot have a water right in the sense of a private freehold interest in the real estate of the distributing company; that his right is simply a right of service. This, of course, carries with it the right to that service so long as the public utility controls the instrumentality rendering the service. The exercise and enjoyment of such right of service does not create an easement such as is contemplated by section 552 of the Civil Code, but is a service rendered by a public utility subject to the regulation and control of the state in such manner as may be prescribed by law."

It will be noted that plaintiffs' land was never located in, a part of, or included in a contractual self-governing irrigation district, organized and operated under the authority of Chapter 46, article 1, R. S. 1943, and that plaintiff's right to abandon and have cancelled the right to the use of irrigation water services would not be controlled by those provisions.

Further, the contract here involved was not made with reference to provisions of the statutes then existing which permitted the organization and prescribed the authority of a public power and irrigation district such as defendant. The police power of the state neither then nor subsequently made such statutes operative as a part of a contract such as here involved.

In Halligan v. Elander, 147 Neb. 709, 25 N. W. 2d 13, it is said: "However, 'so far as they are applicable' as stated in the opinion, or 'applicable, as nearly as may be,' as stated in section 70-667, R. S. 1943, is always the controlling language which cannot be overlooked to determine the force of the adopted statute in a particular situation.

"It is clearly observable that the circumstances of both the organization and operation of public power and irrigation districts, as well as their uses of water, are entirely different from irrigation districts, * * *." By analogy, the organization and operation of such districts as well as their uses of water are entirely different from irrigation corporations.

We find no provisions in the statutes or other authority, and none in point have been cited, which would permit such a district to purchase an irrigation corporation such as the Dawson County Irrigation Company, and ipso facto make the laws authorizing and prescribing its organization and operation a part of the original contract without plaintiffs' consent, actual or implied, by estoppel or otherwise, which does not appear in this case.

When plaintiffs herein purchased the land, they took whatever rights as were possessed and assumed such obligations as were imposed upon their original predecessors, no more and no less, and stood in their shoes. Likewise, when defendant purchased the corporation, it stood in the shoes of such corporation. To hold otherwise would permit defendant to legislate and thus make police power operative by mere purchase without proper legislative authority. In that regard, it is sufficient for us to say that plaintiffs' contract did not make them liable as owners or co-owners of defendant's works for an increased maintenance rate with which to amortize defendant's original purchase price of the corporation or to make repayment of sums borrowed to meet deficits previously incurred in the operation thereof or for financing capital improvements and replacements. In that connection, when defendant attempted to force plaintiffs to so perform and it otherwise refused to perform and threatened foreclosure upon plaintiffs' land at the thus increased rate, it abrogated the contract and there were material changed conditions which gave plaintiffs the right to rescind and cancel the contract and quiet the title to their land as against the same.

It is generally the rule that: "* * * where a contract requires successive steps to be taken by the respective parties, if, when a step becomes due, the party either in words or by their equivalent in acts declines to take it, or is unable, while the other is ready and willing to do his part, the latter may rescind the contract." Bishop on Contracts (2d ed.), s. 827, p. 341.

On the other hand, in *Farmers & Merchants Irrigation Co. v. Hill*, *supra*, construing a similar contract, it is said: "The contract sought to be enforced is executory." Upon that premise, we call attention to *Hale v. Hess*, 30 Neb. 42, 46 N. W. 261, wherein, after quoting from, approving, and relying upon Bishop on Contracts (2d ed.), s. 837, p. 347, this court held: "A party to an executory contract has the right to rescind the contract, and terminate it wholly, without the consent of the other party, who is in no fault; the first party becoming liable to the other in any damages he may have sustained, or any compensation he may have earned, by reason of the rescission." As stated in Bishop on Contracts 2d, s. 837, p. 347: "If this were not so, one might be

ruined by an undertaking the carrying out of which a change in circumstances rendered highly inexpedient or practically impossible."

As a matter of course, the general rule stated above is subject to the right of specific performance as a partial exception thereto, which defendant has no right to enforce at the increased maintenance rate.

In that connection, a careful analysis of all the authorities cited by defendant does not disclose a single case in which the court said or concluded, under circumstances comparable with those at bar, that a consumer must continue to accept the water services offered and pay for the same at the increased rate. After diligent search, also, we have found none. The authorities hold otherwise.

In *Law v. Railroad Commission*, 184 Cal. 737, 195 P. 423, 14 A. L. R. 249, wherein the commission had subsequently fixed rates for steam and electricity involved in a comparable contract, the court said: "It follows, of course, in view of the change effected by the order in such an important part of the contract, that petitioner will have the right under the law to rescind the contract, and prevent further use of his property by the former company, except for compensation properly determined." See, also, Annotation 14 A. L. R. 252; *McCullough-Dalzell Crucible Co. v. Philadelphia Co.*, 223 Pa. 336, 72 A. 633.

In *Miller v. Railroad Commission*, *supra*, it is said: "It is true this water had been dedicated to a public use, but we have been cited to no authority, and we have been unable to discover any through our own efforts, which holds that a water user, having no further use for the waters furnished by a public utility, can be forced either to receive his proportion of those waters or to pay for the same without using it." See, also, 3 *Farnham, Water and Water Rights*, s. 609, p. 1917; 2 *Weil, Water Rights in the Western States* (3d ed.), s. 1328, p. 1234; *South Boulder & R. C. Ditch Co. v. Marfell*, 15 Colo. 302, 25 P. 504.

In 43 *Am. Jur., Public Utilities and Services*, s. 99, p. 641, it is said: "If a contract for public utility rates in return for a conveyance is modified or abrogated by legislation or a regulatory body, it does not necessarily follow that the grantor is without a remedy. Indeed, the majority of the cases hold that one who has parted with property in return for a rate contract which is subsequently prohibited or modified by public authority may have the contract rescinded or recover damages."

It may be argued that the foregoing reasons, or some of them, for our decision were not those given by the trial court in its decree. Be that as it may, the applicable rule is: "A proper

judgment under the pleadings and the evidence will not be reversed on appeal merely because the trial court did not give the right reason for the decision." *Sopcich v. Tangeman*, 153 Neb. 506, 45 N. W. 2d 478.

For the reasons heretofore stated, the judgment of the trial court should be and hereby is affirmed.

AFFIRMED.

MARGARET C. SMITH, APPELLEE,
V.
FRENCHMAN-CAMBRIDGE IRRIGATION DISTRICT,
APPELLANT.

Filed February 1, 1952. No. 33119.

1. **Waters: Equity.** An original action in equity is an appropriate and permissible remedy to exclude or detach land unlawfully included in the area of an irrigation district created under the statute described in the opinion.
2. **Waters.** Land, provided with water by pump for its irrigation, may not be included in an irrigation district except upon written application or consent of the owner thereof.
3. Whether or not land is provided with water by pump for its irrigation is a question which may be investigated and determined at any time in a proper case.
4. If land is nonirrigable because of natural causes, it cannot lawfully be included or held in an irrigation district and taxed to support an irrigation system.
5. Whether or not land, from some natural cause, cannot be irrigated is a question which may be put in issue and determined at any time in a proper case.
6. Whether land cannot from any natural cause be irrigated within the meaning of section 46-176, R. S. 1943, must be determined from the facts in each case. No general and invariable rule to determine that fact can be stated.

APPEAL from the district court for Furnas County.

Heard before Simmons, C. J., Messmore, Yeager, Chappell, Wenke, and Boslaugh, J.J.

BOSLAUGH, J.

This is an action in equity to exclude from appellant, an irrigation district, land owned by appellee, to cancel taxes levied upon it by appellant, and to enjoin it from future levy of taxes on the land. The district court awarded appellee the relief she sought and denied appellant a new trial. This appeal tests the validity of the decree.

Appellee and her husband, Sherman E. Smith, owned in joint tenancy the southwest quarter of Section 35, Township 4 North, Range 25 West of the 6th P.M., Furnas county. The part north of an irrigation lateral existing upon and across the land from about 1,045 feet south and a few feet east of the northwest corner thereof, following an irregular course, to the east line of the land a short distance south of the northeast corner thereof, consisting of about 95 acres, had been since 1938 until the time of the trial irrigated with water produced by a well and pump located on the land of a capacity in excess of 1,000 gallons a minute.

Sherman E. Smith signed a petition for the creation and organization of the Frenchman-Cambridge Irrigation District, and described in connection with his signature the "SW $\frac{1}{4}$, Sec. 35, Twp. 4, Range 25, Acres 162, Excepts 95 acres now under pump irrigation." Appellee did not sign the petition for the organization and creation of appellant, or any request or consent that the land be included in the district. Her husband did not discuss with her his intention or decision to sign the petition. He died in 1950, and appellee then became the owner in fee simple of the whole of the land involved in this case.

Appellant was established and declared a duly organized and created irrigation district under Chapter 46, R. S. 1943, by the board of county commissioners of Red Willow County on the 8th day of April 1946. The order of the board treated and included all of the land involved herein as a part of the area of appellant, and the district assessed the land of appellee and levied taxes thereon for irrigation purposes for each of the years 1948, 1949, and 1950. Appellee paid no part of the taxes levied by the district.

Appellee contends that authority and jurisdiction were lacking to include the part of her land irrigated by pump consisting of about 95 acres in the district because it was excepted and reserved by the declaration and act of Sherman E. Smith when he signed the petition to establish appellant, and for the reason that the statute under which appellant was created mandatorily exempted it from becoming a part of the district, except upon written application of its owners. Section 46-108, R. S. 1943, contains the provision that: "The person, * * * whose land, within any proposed district, is provided with water by pumping, * * * shall not be included therein except upon written application of the

* * * owners of such land; Provided, that one thousand gallons per minute of water shall exempt one hundred and sixty acres, * * *."

The North Platte Irrigation & Land Company constructed a ditch to irrigate certain lands before the passage of the irrigation statute of 1889. Laws 1889, c. 68, p. 503. After the irrigation statute became effective, the company posted and filed the notice of appropriation required by it. Thereafter, when the irrigation law of 1895 (Laws 1895, c. 69, p. 244) took effect, the company filed a claim with the board of irrigation for the appropriation of water to irrigate the land served by the ditch, and the appropriation of water therefor was allowed. Afterwards the Suburban Irrigation District was formed under the provisions of another act of the Legislature of 1895 (Laws 1895, c. 70, p. 269), and there was included in its boundary the land involved in the case later referred to and quoted herein. The district issued bonds and incurred obligations. It levied taxes on the land in the manner provided by law for the years 1896 to 1904, inclusive. It was practicable to irrigate the land from the ditch of the North Platte Irrigation & Land Company, and it had sufficient water and was willing to furnish it for that purpose at all times.

The act last referred to contained the provision: "* * * that where ditches or canals have been constructed before the passage of this act of sufficient capacity to water the land thereunder for which the water taken in such ditches is appropriated, such ditches and franchises and the land subject to be watered thereby shall be exempt from operations of this law * * * and that this law shall not be construed to in any way affect the rights of ditches already constructed." Laws 1895, c. 70, s. 1, p. 269. *State v. Several Parcel of Land*, 80 Neb. 424, 114 N. W. 283, involved the validity of taxes levied by the Suburban Irrigation District on land under and served by the ditch of the North Platte Irrigation & Land Company. The taxes were held invalid on the basis that the land was exempt and could not be made a part of the Suburban Irrigation District because of the prohibition in the part of the statute last above quoted. Jurisdiction or authority to include it was lacking, and that objection was available at any time in a proper case. It is therein said: "The purpose of the district irrigation law was obviously to provide the means of reclaiming arid land for which up to that time water had not been available. It would have been clearly unjust for the legislature to permit these districts to be organized to include land already reclaimed, except in cases where the purpose of forming the district was to purchase or take over an irrigation system already existing; * * *. We are therefore satisfied that his land should not have been included in the boundaries of the Suburban Irrigation District in the first instance. * * * 2. It is, however, contended that the county board

had jurisdiction, and that its determination cannot be attacked in this proceeding. * * * A similar question, arising under the same statute, has once been before this court. Sections 47 to 54, inclusive, of the same act provide for proceedings by means of which land may be excluded from an irrigation district; and section 49 contains the proviso that in no case shall any land be held in any district or taxed for irrigation purposes which cannot, from any natural cause, be irrigated thereby. This clause was construed in *Andrews v. Lillian Irrigation District*, 66 Neb. 461. In this case it was alleged that the plaintiffs were the owners of certain lands lying within the boundaries of the irrigation district, which were low, wet, swampy lands and totally unfit for irrigation, and which needed to be drained before they could be farmed. * * * Considering the proviso in section 49 the court say: " * * * Whether a particular tract of land from some natural cause cannot be irrigated is a question which goes to the jurisdiction of the county board over such tract and may be raised at any time in a proper case, because section 49, supra, expressly denies the jurisdiction of the county board to include such land in an irrigation district, or to tax it for irrigation purposes." The reasoning of this case applies to the question we are considering. If the provision that land which cannot, from any natural cause, be irrigated by a ditch excludes it from the jurisdiction of the county board, certainly the provision that land subject to be watered by a ditch constructed before the passage of the act and of sufficient capacity to water the same shall be exempt from the operation of the law would prevent the county board from passing upon and determining this question. * * * The exclusion in section 1 is more radical and fundamental than that in section 49. It is that the lands described shall be exempt from the operation of the law; and it is only by the operation of the law that the county board can claim jurisdiction. Without this statute, from which this land is expressly made exempt, neither the county board which made the order, nor the district court which afterwards examined it, had any jurisdiction whatever. Their jurisdiction arose by operation of this statute. The defendant's land was expressly and by the plain and unequivocal language of the statute exempted from its operation. * * * 3. It is contended on behalf of the irrigation district that, if the lands of the defendant Walsh were wrongfully included in the district, he had a plain statutory remedy under sections 46 to 53, inclusive, of the act. We have already seen that under the rule in *Andrews v. Lillian Irrigation District*, supra, the express exclusion of authority negatives the jurisdiction of the county board." See, also, *Sowerwine v. Central Irrigation District*, 85 Neb. 687, 124 N. W. 118. The position of appellee on this phase of the case was properly sustained by the district court.

Appellee asserts that the part of her land south of the irrigation lateral, consisting of about 65 acres, was made a part of

the district contrary to the facts and in violation of the law by virtue of which appellant was created and exists. The claim of absence of authority or jurisdiction to attach it to the area of the district is based on the allegation that this part of the land cannot from natural causes be irrigated.

There is no material dispute as to the character and condition of this part of the land of appellee. It is very rough and rolling land. It has innumerable slopes and grades and none that continue much over 150 feet in any direction. There are ditches, depressions, hills, and mounds. The topsoil is from two inches thick on the higher parts to two feet on the better parts of the land. If it were suitable for irrigation, it could be watered by use of the pump on the farm. The subsoil is fine river sand down to shale. Five or six acres were leveled in 1943. It has been watered from pump, but it has not produced any crop in the years since irrigation thereon commenced.

A witness of 17 years' experience as a soil conservationist stated he had been familiar with the Smith land since 1941; that the area north of the irrigation lateral had been irrigated by pump as long as he had known the land; that the area south of the lateral was "quite hummocky"—that is, it has mounds, knolls, depressions, and undulations without any particular direction of slope extending for any distance—"there is every slope imaginable"; that it could not be irrigated by gravity as the cost would be too much to level it, and to do so would expose too much topsoil,, and if leveled the land would be unproductive and impracticable for farm operations—"Yes, and you wouldn't have much left when you get done"; and "It would be cheaper to buy other good land and forget about this, * * *."

The incidence that any part of the land south of the lateral was not irrigated during the period of 1939 through 1951 when there was available water brought to and conducted along its border and the value of the land would have been increased 100 percent by irrigating it, is not wholly without significance and influence when considered with the other facts disclosed by the record in concluding that this land was not susceptible of irrigation. The fact is that the part of the land south of the irrigation lateral is not suitable for irrigation. It is especially not suitable for gravity irrigation, and any attempt to make it so would involve an unreasonable expense and would result in the destruction of what fertility the land now has. The record is convincing that this land cannot from natural causes be irrigated by works of the appellant that are suitable only for gravity irrigation, notwithstanding the incidental recitation in the petition for the organization of the district that "all of said land being susceptible to one mode of irrigation from a common source and by the same system of works."

Section 46-176, R. S. 1943, contains the mandate that: "* * * in no case shall any land be held by any district or taxed for irrigation purposes which cannot from any natural cause be irrigated thereby."

The order of the county board establishing and defining the boundaries of appellant is not conclusive that land within the boundaries could not, from some natural cause, be irrigated by the district. The fact in that regard may be raised and determined at any time in a proper case, and if land is nonirrigable by reason of natural causes, it cannot be held in an irrigation district and taxed. *Andrews v. Lillian Irrigation District*, 66 Neb. 461, 97 N. W. 336, first considered the quoted provision and said in reference thereto: "Whether a particular tract of land from some natural cause can not be irrigated, is a question which goes to the jurisdiction of the county board over such tract and may be raised at any time in a proper case, because section 49, supra, expressly denies the jurisdiction of the county board to include such land in an irrigation district, or to tax it for irrigation purposes. Should such land be included within the boundaries of an irrigation district, or taxed for irrigation purposes, it would be in violation of a plain provision of the statute. That being true, whether it should be held in such district, or taxed for irrigation purposes, does not depend on what is for the best interest of the district, nor on the consent of those holding bonds issued by the district, because the statute is mandatory that it should not be thus held and taxed. The statutory proceedings, therefore, to have lands detached, which make the question whether they shall be detached, or not, dependent on what is for the best interest of the district, and upon the consent of the holders of the district bonds, do not apply." See, also, *Birdwood Irrigation District v. Brodbeck*, 148 Neb. 824, 29 N. W. 2d 621; *Sowerwine v. Central Irrigation District*, supra; Annotation, 100 A. L. R. 1292.

The argument of appellant that the landowner may not resort to equity in an original action for relief from the inclusion of his land in an irrigation district of the class of the one involved herein, in direct violation of the statute upon which the district depends for its creation and existence, but that the landowner must depend upon the statutory procedure for detaching land from the district, is denied by the decisions of this court to which references has just been made.

This court has discussed the meaning of the language "land * * * which cannot from any natural causes be irrigated thereby" in two cases. In *Andrews v. Lillian Irrigation District*, supra, it is said: "Evidently the legislature meant to exclude from the irrigation district, and from taxation in support thereof, lands that were not susceptible of irrigation. If, because of the natural conformation of the surface, lands within the irrigation district lay

so high as to render it impossible to conduct water thereon by means of irrigation ditches for the irrigation of the land, it would hardly be contended that such lands were not, within the meaning of the section of the statute to which attention has been directed, land 'which can not from any natural cause be irrigated thereby,' and therefore could not lawfully be held in such district, and taxed to support the system."

In *Wight v. McGuigan*, 94 Neb. 358, 143 N. W. 232, it is significantly remarked that: "The owner of a specific tract of land ought not to be compelled to join an irrigation district and pay taxes for the support thereof if his land as a whole is so situated that for natural causes it cannot be irrigated. * * * If a government subdivision of land, or a tract otherwise capable of identification and definite description, is incapable of irrigation, and so situated with reference to the proposed district and other lands therein as to make such a course practicable, such tract might be omitted from the district, although it formed a part of a larger tract of the same owner." The 65 acres of the land of appellee south of the irrigation lateral is land which cannot, because of natural causes, be irrigated by appellant within the meaning of the statute as construed by the decisions of this court.

The findings and judgment of the trial court contain errors in the description and the statement of the character of the several parts of the land of appellee and because thereof the judgment should be, and is vacated and set aside, and a judgment should be rendered in this court.

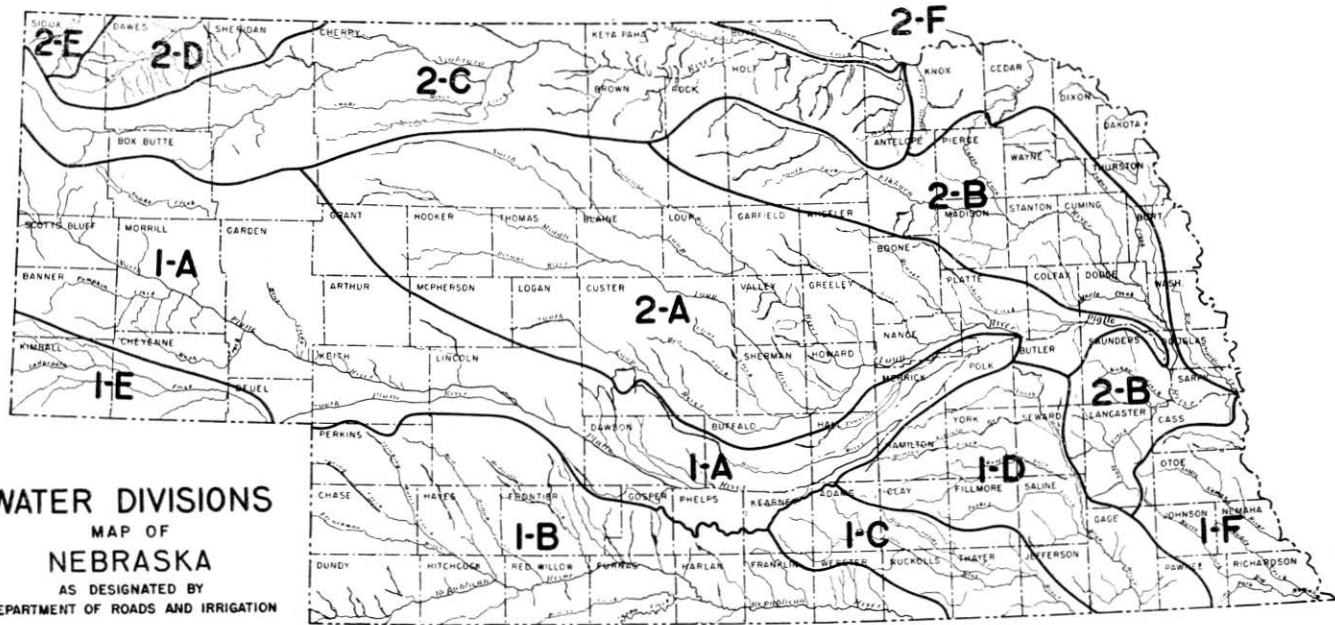
It should be and is adjudged that the southwest quarter of Section 35, Township 4 North, Range 25 West of the 6th P.M., Furnas County, Nebraska, should be, and it is hereby detached and excluded from the Frenchman-Cambridge Irrigation District; that the taxes attempted to be levied upon the land by appellant for the years 1948, 1949, and 1950, should be, and they are adjudged to be null and void and they should be and are canceled, and the title to the land quieted against them; that appellant and all persons acting for it should be, and they are prohibited and enjoined from levying or attempting to levy any tax upon said land; and that appellee recover costs herein.

JUDGMENT OF THE DISTRICT COURT VACATED.

JUDGMENT RENDERED IN THIS COURT FOR APPELLEE.

THIS PAGE INTENTIONALLY LEFT BLANK

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	Provi- sional 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.	1.48	8	16	42	Garden	Dec.	31	1890	812	
Ash Creek	Evan V. Rittenhouse	Lewellen	Pump	Irrig.	.48	10	16	42	Garden	Oct.	22	1940		3506
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	3	1950		4671
Ash Creek	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	28	16	33	Lincoln	June	14	1948	4286
Blue Creek	Union Irrig. and Water Power Company	Lewellen	Union Canal	Irrig.	23.44	18	16	42	Garden	May	16	1890	763
Blue Creek	Union Irrig. and Water Power Company	Lewellen	Graf Canal	Irrig.	1.20	19	16	42	Garden	May	16	1890	763R
Blue Creek	Hooper Irrig. District	Lewellen	Hooper Canal	Irrig.	12.65	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	1733
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	4873
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. Philpott	Overton	Pump	Irrig.	3.33	28	9	19	Dawson	July	26	1927	1946
Buffalo Creek	The Union Central Life Insurance Company	Grand Island	Pump	Irrig.	1.65	12	9	20	Dawson	Oct.	10	1927	1969
Buffalo Creek	Geo. E. Mitchell	Elm Creek	Pump	Irrig.	2.16	36	9	19	Dawson	Feb.	20	1928	1965

†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

60

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	Marie Manger	Elm Creek	Pump	Irrig.	2.22	4	8	18	Buffalo	Mar.	5	1928	1988	
Buffalo Creek	B. F. Manger	Denver	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.	80	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	Denver	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	Chas. N. Cadwallader	Lincoln	Pump No. 2	Irrig.	.67	3	8	18	Buffalo	Aug.	7	1948	4322	
Buffalo Creek	Chas. N. Cadwallader	Lincoln	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	18	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.	Broadwater	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	Broadwater	Radcliffe Canal No. 3	Irrig.	.76	27	18	48	Morrill	Feb.	14	1890	1034c	
Clark Reservoir	Clark and Clark	Lewellen	Clark Pumps	Supp. I Stor.-only	D-788	34	16	42	Garden	Dec.	16	1948	4745	
						34	16	42	Garden	Dec.	16	1948	4745	

REPORT OF THE STATE ENGINEER

‡Clear Creek	Fischer and Scripter	Lewellen	Clear Creek Canal	Irrig.	2.86	82	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.	1.48	4	15	41	Keith	June	80 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	82	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	3571	
Coed Creek	Elmer S. Slafter	Scottsbluff	Slafter Canal	Irrig.	1.66	17	22	55	Scotts Bluff	July	25 1888	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	8 1895	69	
Coon Creek	Henry P. Hansen	North Platte	Coon Creek Canal	Irrig.	1.43	34	15	37	Keith	Sept.	16 1912	1225	
Crescent Lake, et al	Lake Water Carrying Company	Lewellen	Crescent Lake Reservoir	Storage	†7000	AF	21	20	44	Garden	Jan.	30 1920	1575
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Supp. I.	D-785	33	17	42	Garden	Jan.	30 1920	1575	
				Supp. I.	D-795	33	17	42	Garden	Jan.	30 1920	1575	
				Supp. I.	A-1154	33	17	42	Garden	Jan.	30 1920	1575	

R. Denotes relocation.

†Reservoir capacity alleged by applicant.

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

*Application pending.

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. 1-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	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	2865
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
Dry Creek	Chas. Gleason	Heartwell	Pump	Irrig.	.37	31	8	13	Kearney	Oct.	17	1946	3984
Dry Creek	Chas. Gleason	Heartwell	Pump	Irrig.	.30	33	8	13	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	Fankell and Gleason	Minden	Pumps	Irrig.	1.00	4	7	14	Kearney	Feb.	20	1951	4804
						3	7	14	Garden	Feb.	20	1951	4804
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	†3.35 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		85	10	19	Dawson	Sept.	8	1943	3641*
Elm Creek	Chas. N. Cadwallader	Lincoln	Pump No. 1	Irrig.	.32	3	8	18	Buffalo	Aug.	7	1943	4321
Elm Creek	Chas. N. Cadwallader	Lincoln	Pump No. 3	Irrig.	.77	3	8	18	Buffalo	Aug.	7	1943	4323
Fawcus Springs	John E. Oliver	Bridgeport	Oliver Canal	Irrig.	2.71	24	20	52	Morrill	Apr.	17	1933	2317
Fremont Creek	Reede Reynolds	North Platte	Pump	Irrig.	.80	21	13	29	Lincoln	Feb.	17	1949	4438
Fremont Creek	Reede Reynolds	North Platte	Pump	Irrig.	.23	21	13	29	Lincoln	June	21	1950	4710
Gebauer Lake	Gebauer and Davis	Northport	Gebauer Canal	Irrig.	.80	28	20	50	Morrill	Apr.	25	1930	2133
Glenn Springs	L. R. Glenn	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

Supp. I. Storage water in addition to direct flow.
 Stor-only. Land does not have a direct flow appropriation.
 *Application, or petition pending.
 †Reservoir capacity alleged by applicant.
 O.D. Denotes optional diversion.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of			Date of			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
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		2989*
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.		8	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		3198*
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.	81	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.	81	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.	6	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*
Ground Water	A. M. Shelby	Long Beach	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. Misk	Brainard	Misk 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	3443*
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*

*Application pending.
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	Provi- sional 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	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	H. W. and Arthur H. 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	3693*
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*
Ground Water	Eva B. Vieregg	Shelton	Robbins Wells	Irrig.		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*

BUREAU OF IRRIGATION

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*
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 McInay	Central City	McInay 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.	23 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.	1 7 13	Merrick	Jan.	15 1948	4182*

*Application pending.
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	Provi- sional 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	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	4386*
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*
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*

*Application pending.
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	Provi- sional 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	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.		3	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*	
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*	
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.	3.71	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									

*Application pending.

Supp. I. Storage water in addition to direct flow.

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-A—Continued

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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.....	Tri-County Canal.....	Supp. P.....	500,000	8	13	29	Lincoln.....	July	28	1941	3475	
					AF									
					A-2354	8	13	29	Lincoln.....	July	28	1941	3475	
Kingsley Reservoir (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings.....	Tri-County Canal.....	Supp. I..... Stor-only.....	A-3474	8	13	29	Lincoln.....	July	28	1941	3475	
					A-2355	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	
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..... Stor-only.....	A-1799	21	12	22	Dawson.....	Dec.	23	1930	2181	

Lawrence Fork	H. C. Olsen	Harrisburg	Laing Canal	Irrig.	.50	28	18	52	Morrill	Dec.	81	1886	825	
Lawrence Fork	Gilman and Crigler	Redington	Redington Canal	Irrig.	.57	86	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		2185
Lawrence Fork	Robert P. Nelson	Bridgeport	Spring Branch Canal	Irrig.	.58	11	18	52	Morrill	Sept.	80	1935		2560
Lonergan Creek	Herman H. Soehl	Lemoine	Soehl Canal	Irrig.	2.00	17	15	39	Keith	May	10	1889	697a	
Lonergan Creek	Lee Jacobs Estate	Lemoine	Lonergan Canal	Irrig.	9.15	17	15	39	Keith	May	25	1889	699	
Lonergan Creek	Herman H. Soehl	Lemoine	Soehl Canal	Irrig.	.86	17	15	39	Keith	Apr.	27	1893	697b	
Lonergan Creek	Elvina Stansberry	Lemoine	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.	28	1929		2118
Lost Creek	Wm. N. Campbell	Oshkosh	Pump	Irrig.	1.08	14	17	44	Garden	Mar.	19	1952		4949
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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Mead Res. No. 8	The Mead Company	Scottsbluff	Pump	Supp. I.	A-698, 699 1138, 1880 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
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.	8	1934	2454
North Platte R. (Lincoln County Drain Dist. 1, Ditch 2)	Platte Valley Irrig. Dist. Oscar Reimers	Hershey	North Platte Canal	Irrig.	800.00	13	14	34	Lincoln	May	31	1884	685
		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.	860.89	3	23	58	Scotts Bluff	Sept.	16	1887	918
North Platte R.	Farmers Irrig. District	Scottsbluff	Ramshorn Canal	Irrig.	3.07	13	23	58	Scotts Bluff	Sept.	16	1887	918R
(Alliance Drain Feeder)	Farmers Irrig. District	Scottsbluff	Tri-State Canal	O. D.	D-918	18	22	53	Scotts Bluff	Sept.	16	1887	P189*
(Dry Spotted Tail Creek)	Hrasky 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	28	57	Scotts Bluff	Sept.	16	1887	1769
(Hoeh Draw)	Jas. O'Holloren	Bayard	O'Holloren Canal	O. D.	D-918	28	21	52	Morrill	Sept.	16	1887	1478
(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	1898
(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.	188.68	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

Supp. I. Storage water in addition to direct flow appropriation.
 O.D. Denotes optional diversion.
 R. Denotes relocation.
 *Petition pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
North Platte R. (Atkins Drain)	Bridgeport Irrig. Dist. J. M. Story	Bridgeport Broadwater	Belmont Canal Atkins Canal	Irrig. O. D.	270.00 D-828	18	20	51	Morrill	Dec.	19	1889	828	1450
(Cedar Creek)	Bridgeport Irrig. Dist.	Bridgeport	Cedar Creek Feeder	O. D.	D-828	23	18	48	Morrill	Dec.	19	1889	1897	
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.	86.00	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	85	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.	8	1890	844	1081
North Platte R. (Anderson Seep)	Empire Canal Company. M. G. Clarke	Bridgeport Okmulgee	Belmont Canal Gordon Canal	Irrig. O. D.	28.57 D-858	18	20	51	Morrill	June	25	1891	858		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	1038
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	874	1776
(Red Willow Cr.)	Alliance Irrig. District	Bridgeport	Alliance Canal	O. D.	D-874	6	20	51	Morrill	Dec.	26	1892	874		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	925	1431
(Red Willow Cr.)	Thos. W. Belden	Minatare	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.	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	13	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		2635
(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.	18	1894	887	
North Platte R.	Carrol H. Reece, et al.	Oshkosh	Spohn Canal	Irrig.	13.14	18	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	18	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	788	
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Steamboat Canal	Irrig.	13.01	4	21	54	Scotts Bluff	Oct.	22	1895		186
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Castle Rock Canal	Irrig.	1.99	3	21	54	Scotts Bluff	Oct.	22	1895		186R
North Platte R.	No. River Irrig. and Water Power Co.	Oshkosh	North River Canal	Irrig.	81.00	14	18	47	Morrill	Feb.	24	1896		243

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
North Platte R.	No. River Irrig. Dist.	Oshkosh	North River Canal	Irrig.	76.00	14	18	47	Morrill	Feb.	24	1896	243R
North Platte R.	No. River Irrig. Dist.	Oshkosh	Oshkosh Canal	Irrig.	2.29	33	17	44	Garden	Feb.	24	1896	243R
North Platte R.	Lisco Irrig. District	Lisco	Lisco Canal	Irrig.	9.00	14	18	47	Morrill	Feb.	24	1896	243R
North Platte R.	Lees Creek Mutual Irrig. Company	Broadwater	Lamore Canal	Irrig.	20.00	34	19	48	Morrill	July	18	1896	327
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Steamboat Canal	Irrig.	.71	4	21	54	Scotts Bluff	July	22	1896	350
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Castle Rock Canal	Irrig.	.15	8	21	54	Scotts Bluff	July	22	1896	350R
North Platte R.	Gering Irrig. District	Gering	Gering Canal	Irrig.	15.87	4	23	58	Scotts Bluff	Mar.	15	1897	365
North Platte R.	Gering Irrig. District	Gering	Mitchell Canal	Irrig.	193.00	10	23	60	Wyoming	Mar.	15	1897	365R
North Platte R.	Schermerhorn Irrig. Co.	Bridgeport	Schermerhorn Canal	Irrig.	29.71	16	20	51	Morrill	Oct.	25	1897	418
(Camp Clark Seep and Red Willow Creek)	Schermerhorn Irrig. Co.	Bridgeport	Alliance Canal	O. D.	A-418	9	20	51	Morrill	Oct.	25	1897	2088
(Degraw Drain)	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	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.	280.00	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.	8.14	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	1916	1438	
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	1482	
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	

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.
						S	T	R	County	Mo.	D			Yr.
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
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	18	1951	4889
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
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-680	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
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						

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	Provi- sional Grant in Sec.-ft.	Location of Diverion 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		1643
(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
(Ground Water)	Henry M. Beatty	Lexington	Well	O. D.	D-624	20	9	20	Dawson	Sept.	15	1894		2281
(Ground Water)	H. T. Beatty	Overton	Well	O. D.	D-624	19	9	20	Dawson	Sept.	15	1894		2513
(Strever Creek)	John Jurgensen	Overton	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	18	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		Irrig.	91.11	18	10	23	Dawson	Oct.	3	1928	2039
(Strever Creek)	Wm. G. Wengler	Overton	Dawson County Canal	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	2098
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.	284.91	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	8	13	29	Lincoln	Apr.	27	1934	2351
					AF								
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.

†Reservoir capacity alleged by applicant.

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Upper Mid-State Canal	Irrig.		81	9	20	Dawson	Aug.	80	1943	3634*	
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Mid-State Reservoir System	Storage		81	9	20	Dawson	Sept.	8	1943	3638*	
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Upper Prairie Creek Reservoir No. 2	Storage		11	8	16	Buffalo	Sept.	8	1943	3643*	
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Wood River Plant	Power		81	9	20	Dawson	Sept.	11	1943	3645*	
			Buckeye Plant No. 1	Power		6-7	8	29	Dawson	Sept.	11	1943	3645*	
			Upper Prairie Cr. Plant	Power										
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Odessa Plant	Power		81	9	20	Dawson	Sept.	11	1943	3648*	
Platte River	Nebraska Mid-State Reclamation District	Grand Island	Buckeye Plant No. 2	Power		6-7	8	29	Dawson	Sept.	11	1943	3648*	
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		86	9	21	Dawson	May	11	1944	3725*	
Platte River	North Gothenburg Public Power and Irrig. Dist.	Gothenburg	North Gothenburg Canal	Irrig.		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	
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	Benton Miller	Maxwell	Pump	Irrig.		29	13	23	Lincoln	Aug.	11	1952	5009
Platte River, Ravine, Trib. to	Henry M. Harvey	Gothenburg	Harvey Reservoir	Storage	†85 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
Platte River, Ravine, Trib. to	Walter J. Stark	Loomis	Pump	Irrig.		8	6	19	Phelps	Aug.	12	1950	4785*
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
Plum Creek	Gilbert Nelson	Smithfield	Pump	Irrig.	.83	5	7	21	Gesper	Mar.	14	1935	2527
Prairie Creek	Glen D. MacQueen	Silver Creek	Pump	Irrig.	7.89	29	18	3	Merrick	Sept.	8	1931	2235
Prairie Creek	Henry Santin	Clarks	Pump	Irrig.	.36	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

*Application pending.

†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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Prairie Creek	Troy Van Winkle	Silver Creek	Pump	Irrig.	.37	28	16	3	Merrick	Dec.	18	1950	4777 4854	
Prairie Creek	Bernard L. McHargue	Central City	Pump	Irrig.	.70	18	15	5	Merrick	Apr.	30	1951		
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	
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 Bernar- dino, 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.	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	
Pumpkinseed Cr.	John H. Mead, et al	Scottsbluff	Pumps	Irrig.	3.22	1	19	55	Banner	Jan.	24	1903	698	
						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	1138
						5 19 54	Banner	Oct.	26 1911	1138
						6 19 54	Banner	Oct.	26 1911	1138
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	3458
Pumpkinseed Cr.	Henry B. Miller	Harrisburg	Schnell Canal	Irrig.	.76	1 19 56	Banner	Oct.	27 1942	3538
Pumpkinseed Cr.	Mrs. Bert Rodgers	Lincoln	Rodgers Canal	Irrig.	1.80	9 19 54	Banner	Oct.	23 1944	3777
Pumpkinseed Cr.	George Ehrman	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	4231
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
Pumpkinseed Cr.	Harold Laux	Bridgeport	Pump	Irrig.	.20	29 19 50	Morrill	June	3 1950	4639
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	†81 AF	1 19 55	Scotts Bluff	Mar.	28 1951	4832
Pumpkinseed Cr., Ravine, Trib. to	D. V. Brown Estate	McGrew	Brown Reservoir	Storage	†80 AF	16 19 53	Banner	Nov.	8 1950	4763
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

R. Denotes relocation.

†Reservoir capacity alleged by applicant.

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

38

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Red Willow Creek	Mary E. Dobson	Monrovia, Cal.	Dobson Canal	Irrig.	.57	12	20	52	Morrill	Nov.	3	1915	1496
Rowe Drain Ditch	Fred Olmhausen	Cozad	Pump	Irrig.	82	10	23	Dawson	May	10	1946	8905*	
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	806
Schuets Springs	Margaret Schuetz	Dalton	Schuets 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	8918
Schuppe Cr., W.	Carl Schuppe	Henry	Schuppe Canal No. 1	Irrig.	.01	3	23	58	Scotts Bluff	June	17	1946	8917
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	1408
Silver Creek	M. C. James	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

REPORT OF THE STATE ENGINEER

BUREAU OF IRRIGATION

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	
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	
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.		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	

*Application pending.

Supp. I. Storage water in addition to direct flow.

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
‡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, et al.	Overton	Pump	Irrig.	1.03	35	9	20	Dawson	May	7	1931		2202
Strever Creek	Gardner and Maack	Cozad	Pump	Irrig.	.90	30	12	23	Dawson	Oct.	8	1941		3516
Strever Creek	Nebraska Mid-State Reclamation District	Grand Island	Buckeye Valley Reservoir	Storage		20	9	20	Dawson	Sept.	3	1943		3639*
Strever Creek	Tom Cooney Estate	Overton	Pump	Irrig.	.80	34	9	20	Dawson	Oct.	24	1946		3988
Strever Creek	Howard E. Benjamin	Cozad	Pump	Irrig.		15	11	23	Dawson	Dec.	28	1950		4784*

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	
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Cozad Canal	Supp. I.	A-2640	16	13	33	Lincoln	Mar.	8	1937	2710	
					D-626	16	11	25	Dawson	Mar.	31	1937	2726	
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Supp. I.	Stor-only		16	11	25	Dawson	Mar.	31	1937	2726
					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	D-1023	3	8	18	Buffalo	Mar.	31	1937	2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Orchard-Alfalfa Canal	Supp. I.	D-627	9	10	24	Dawson	Mar.	31	1937	2726	
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Six Mile Canal	Supp. I.	D-680	11	11	26	Lincoln	Mar.	31	1937	2726	

‡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.

*Application pending.

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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Thirty Mile Canal	Supp. I.	A-1853	30	12	26	Lincoln	Mar.	31	1937	2726
				Supp. I.	A-1976	30	12	26	Lincoln	Mar.	31	1937	2726
				Supp. I.	A-2077	30	12	26	Lincoln	Mar.	31	1937	2726
				Stor.-only		30	12	26	Lincoln	Mar.	31	1937	2726
				Supp. I.	A-1784	30	12	26	Lincoln	Mar.	31	1937	2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Gothenburg Canal	Supp. I.	A-1870	30	12	26	Lincoln	Mar.	31	1937	2726
				Supp. I.	A-3716	19	12	26	Dawson	Mar.	31	1937	3717
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
Turkey Creek, and Kearney Tail Race	Nebraska Mid-State Reclamation District	Grand Island	Lower Buffalo, Hall and Merrick County Canal	Irrig.		11	8	16	Buffalo	Aug.	30	1943	3635*
White Horse Cr.	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	McCrone Pump	Irrig.	1.71	5	14	30	Lincoln	Mar.	10	1930	2127
White Horse Cr., Trib. to	Arthur P. Forrest	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
White Tail Creek	Jeppe Jeppesen	Keystone	Pump	Irrig.	.21	23	15	38	Keith	Apr.	7	1948	4241
Willow Creek	Banner County Bank	Harrisburg	Willow Springs Canal	Irrig.	.57	16	19	56	Banner	Jan.	21	1902	650
Willow Creek	Banner County Bank	Harrisburg	Willow Springs Canal	Irrig.	.86	16	19	56	Banner	Jan.	21	1902	651
Willow Creek	Dick Cross	Harrisburg	Gross 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

Supp. I. Storage water in addition to direct flow.

Stor.-only. Land entitled to storage water only.

*Application pending.

O.D. Denotes optional diversion.

†Reservoir capacity alleged by applicant.

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

94

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Dec. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
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.	.89	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
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. Adelong	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	Alvie C. and Earnest A. Ludwig	Amherst	Pump	Irrig.	.37	21	10	17	Buffalo	Apr.	7	1952	4962	
Wood River	Lester F. Warren	Kearney	Pump	Irrig.		85	10	17	Buffalo	July	18	1952	4993	
Wood River	Kate D. Nye, et al.	Kearney	Pump	Irrig.		10	9	16	Buffalo	July	26	1952	4999	
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	

*Application pending.

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of 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	Beaver-Sappa Public	Stamford	South Beaver Canal	Irrig.		23	2	23	Furnas	Dec.	14	1936	2671a*
(See Sappa Cr.)	P. and I. District		North Beaver Canal	Irrig.		23	2	23	Furnas	Dec.	14	1936	2671a*
Beaver Creek	Beaver-Sappa Public	Stamford	Beaver Reservoir	Storage		23	2	23	Furnas	Dec.	14	1936	2672a*
(See Sappa Cr.)	P. and I. District												
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	Bede F. Williams	Arapahoe	Pumps	Irrig.	.70	28	2	23	Furnas	Sept.	15	1941	3505
						21	2	23	Furnas	Sept.	16	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	3793
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.		17	1	27	Red Willow	July	15	1952	4987
Beaver Creek	Fred W. Clark	McCook	Pump	Irrig.		33	1	28	Red Willow	Sept.	15	1952	5025*

Beaver Creek, Ravine, Trib. to	Raymond R. Garey	Beaver City	Garey Reservoir	Storage	†57 AF	12	2	28	Furnas	Oct.	14	1989	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	3886
Beaver Creek, Ravine, Trib. to	B. J. Gallatin	Lincoln	Gallatin Reservoir	Storage	†361 AF	12	1	28	Red Willow	Feb.	28	1946	3876
Beaver Creek, Ravine, Trib. to	Fred W. Clark	McCook	Clark Reservoir No. 1	Storage		33	1	28	Red Willow	Sept.	15	1952	5026*
Beaver Creek, Ravine, Trib. to	Fred W. Clark	McCook	Clark Reservoir No. 2	Storage		33	1	28	Red Willow	Sept.	15	1952	5027*
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
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.		3	2	29	Red Willow	Apr.	1	1952	4959
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*

*Application pending.

†Reservoir capacity alleged by applicant.

Stor-only. Land entitled to storage water only.

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

98

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	Lee Young	Maywood	Young Canal	Irrig.	.20	38	8	29	Frontier	Apr.	5	1927	1921	
Brushy Creek	Russell and Corlett	Maywood	Pump	Irrig.	1.50	38	8	29	Frontier	Oct.	31	1940	3319	
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	Willie K. Versaw, et al	Franklin	Pump	Irrig.	.18	27	2	15	Franklin	June	1	1940	3169	
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, Lit.	C. D. Gardner	Bloomington	Gardner Canal	Irrig.	1.14	6	1	15	Franklin	Mar.	20	1922	1647	
Cottonwood, Lit.	John Koelme	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	Luiase 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	D. O. and H. L. Nelson	Curtis	Pump	Irrig.	.27	36	8	28	Frontier	Apr.	19	1927	1927	

REPORT OF THE STATE ENGINEER

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	8	20	Harlan	June	9	1948	8618
Deer Creek	Ed Farr	Cambridge	Pump	Irrig.	.22	10	5	25	Frontier	Feb.	7	1888	2883
Driftwood Creek	Carl M. Schmitz	McCook	Schmitz Canal	Irrig.	1.07	12	2	80	Red Willow	May	8	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	1948	3597
Elk Creek	Esther Murray	Arapahoe	Murray Canal	Irrig.	2.85	11	4	23	Furnas	Aug.	13	1918	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	8	1	10	Webster	Jan.	24	1934	2357
Elm Creek	Walter Rasser	Red Cloud	Rasser Bros. Canal	Irrig.	.45	8	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
Elm Creek	Jake Frey and Frey Brothers	Red Cloud	Pump No. 1	Irrig.	.37	12	1	10	Webster	May	2	1950	4665
Farmers Creek	Harry F. Maxon	Wood River	Pump	Irrig.	.66	32	2	12	Webster	May	1	1950	4662
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	1948	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.		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	Chris Keldsen	Curtis	Pump	Irrig.	.35	8	8	28	Frontier	May	16	1940	3162

Stor-only. Land entitled to storage water only.

*Application pending.

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
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	10-178	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	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		1523	
(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.	E. Maranville, et al	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		
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 85	Hayes	Apr.	28	1918	1284
Frenchman R.	Oliver Brothers	Wauneta	Oliver Plant	Rs. Dam	A-1284	7	5 85	Hayes	Jan.	16	1929	2061
Frenchman R.	Oliver Brothers	Wauneta	Oliver Canal	Irrig.	3.20	7	5 85	Hayes	Apr.	28	1918	1285
Frenchman R.	F. C. Krotter Estate	Palisade	Krotter Plant	Power	65.00	35	5 34	Hayes	Dec.	2	1918	1339
Frenchman R.	City of Imperial	Imperial	Imperial Plant	Power	55.00	25	6 89	Chase	Feb.	7	1917	1474
Frenchman R.	City of Imperial	Imperial	Imperial Reservoir	Storage	†960 AF	25	6 89	Chase	May	14	1917	1487
Frenchman R.	Riverside Ditch Co.	Culbertson	Riverside Canal	Irrig.	2.90	33	4 82	Hitchcock	July	3	1922	1674
Frenchman R.	Fred Severns	Palisade	Pump	Irrig.	2.01	9	4 83	Hitchcock	Sept.	11	1926	1856
Frenchman R.	F. C. Krotter Estate	Palisade	Follett-Krotter Canal	Irrig.	2.98	35	5 84	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 85	Hayes	Apr.	25	1935	2542
						16	5 85	Hayes	Apr.	25	1935	2542
						22	5 85	Hayes	Apr.	25	1935	2542
Frenchman R.	Geo. Hoffmeister	Imperial	Hoffmeister Reservoir	Storage	†100 AF	31	6 38	Chase	Mar.	13	1936	2570
Frenchman R.	and Springs											
Frenchman R.	Fred W. Krausnick	Wauneta	Pump	Irrig.	.56	3	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 83	Hitchcock	Mar.	15	1938	2847
Frenchman R.	Fred C. Haarberg	Wauneta	Pump	Irrig.	.35	16	5 35	Hayes	Apr.	2	1938	2858
Frenchman R.	Sims and Engell	Wauneta	Pump	Irrig.	1.23	17	5 35	Hayes	Feb.	9	1939	2908
Frenchman R.	Clyde L. Gruver	Palisade	Pump	Irrig.	1.03	5	4 83	Hitchcock	Feb.	27	1939	2910
Frenchman R.	Raymond J. Handel	Palisade	Pump	Irrig.	1.35	8	4 83	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	McCook	Farmers Canal	Irrig.		34	4 32	Hitchcock	Jan.	22	1946	3869a
Frenchman R.	Irrigation District											
Frenchman R.	Frenchman-Cambridge	McCook	Riverside Canal	Irrig.		34	4 32	Hitchcock	Apr.	3	1946	3887a
Frenchman R.	Irrigation District											
Frenchman R.	Frenchman-Cambridge	McCook	Farmers Canal	Irrig.		34	4 32	Hitchcock	Apr.	3	1946	3887b
Frenchman R.	Irrigation District											
Frenchman R.	U. S. Bureau of	Denver	Enders Reservoir	Storage	†44079	4-9	5 37	Chase	May	1	1946	3899
Frenchman R.	Reclamation				AF							
Frenchman R.	Duncan C. Harvey	Wauneta	Pump	Irrig.	4.13	3	5 86	Chase	Dec.	1	1949	4539

R. Denotes relocation.

†Amount affirmed by U. S. Supreme Court.

O.D. Denotes optional diversion.

‡Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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.		12	3	32	Hitchcock	Feb.	28	1952	4942
Frenchman R.	G. Wilbur Harris	Palisade	Pump	Irrig.		29	5	34	Hayes	Aug.	25	1952	5016
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*	
Ground Water	F. C. Krotter Estate	Palisade	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.	18	1 18	Harlan	Oct.	25	1941	3523*
Ground Water	Grace Shallenberger	Alma	Shallenberger Well	Irrig.	6	1 18	Harlan	Oct.	29	1941	3523*
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	3578*
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 83	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.	8	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 Kunemann	Imperial	Kunemann 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	6 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*

†Reservoir capacity alleged by applicant.

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

*Application pending.

Priority for irrigation wells not established.

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

104

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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.	85	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.	8	2	33	Hitchcock	Feb.	1	1950	4583*	

BUREAU OF IRRIGATION

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	4618*
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	McInturf 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*
Ground Water	Walter B. Hall	Stratton	Hall Wells	Irrig.	18	2 34	Hitchcock	Mar.	6	1952	4944*
Ground Water	John F. Evers	Franklin	Evers Well	Irrig.	23	2 35	Hitchcock	Mar.	6	1952	4945*
Ground Water	L. N. Elson and Sons	Curtis	Elson Well	Irrig.	14	2 35	Hitchcock	Mar.	6	1952	4945*
Ground Water	Albert Williamson and Cecil Faye Williamson	Stratton	Williamson Wells	Irrig.	28	3 14	Franklin	June	24	1952	4978*
Ground Water	David O. Larsen	Arapahoe	Larsen Well	Irrig.	2	8 28	Frontier	Aug.	4	1952	5005*
Ground Water	Jensen and Wallace	Kearney	Jensen and Wallace Well	Irrig.	20	2 35	Hitchcock	Aug.	21	1952	5015*
Ground Water	Fred W. Clark	McCook	Clark Wells 1 and 2	Irrig.	21	2 35	Hitchcock	Aug.	21	1952	5015*
Hoffmeister Res.	George Hoffmeister	Imperial	Hoffmeister Canal	Stor-only	17	4 23	Furnas	Aug.	26	1952	5017*
					13	10 17	Buffalo	Sept.	2	1952	5019*
					33	1 28	Red Willow	Sept.	15	1952	5028*
					30	6 38	Chase	Mar.	13	1936	2575

*Application pending.
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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Horse Creek	Wesley A. Wheeler	Parks	Horse Creek Canal	Irrig.	1.86	23	1	39	Dundy	Aug.	31	1885	159 173	
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.		23	2	36	Dundy	Sept.	24	1952		5032
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
James Reservoir	Mrs. N. O. Betts	Bloomington	James Canal	Supp. I.	A-2521	28	2	15	Franklin	Sept.	28	1935		2719
James Reservoir	Mrs. M. E. Betts	Bloomington	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	Beatrice	Kilpatrick Res. Canal	Supp. I.	D-47	30	6	39	Chase	June	22	1911		1160
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				864*	
Medicine Creek	Game, Forestation and Parks Commission	Lincoln	Wellfleet Lake	Resort	†80 AF	16	9	30	Lincoln	June	15	1981		2210

BUREAU OF IRRIGATION

Medicine Creek	W. E. Towne	Maywood	Pump	Irrig.	.59	26	8	29	Frontier	Feb.	6	1940	8088	
Medicine Creek	Mrs. C. H. Compton	Cambridge	Pump	Irrig.	.67	24	5	26	Frontier	May	14	1940	8158	
Medicine Creek	Luther I. Keith	Orafino	Pumps	Irrig.	.70	84	6	26	Frontier	June	4	1940	8173	
							2	5	26	Frontier	June	4	1940	8173
Medicine Creek	W. E. Towne	Maywood	Pump	Irrig.	.15	26	8	29	Frontier	July	11	1940	8197	
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	8315	
Medicine Creek	Mrs. C. H. Compton	Cambridge	Pump	Irrig.	.64	24	5	26	Frontier	Dec.	10	1940	8350	
Medicine Creek	George A. Mousel	Cambridge	Pump	Irrig.	1.56	81	5	25	Frontier	Apr.	5	1943	8604	
Medicine Creek	George A. Mousel	Cambridge	Pumps	Irrig.	.18	1	4	26	Red Willow	Apr.	20	1943	8608	
Medicine Creek	Robert Mousel, Jr.	Cambridge	Pumps	Irrig.	.80	25	5	26	Frontier	June	4	1943	8614	
							36	5	26	Frontier	June	4	1943	8614
Medicine Creek	Ernest L. Harding	Cambridge	Pumps	Irrig.	.38	7	4	25	Furnas	Aug.	21	1943	8632	
Medicine Creek	Walter T. Babcock	Long Beach	Pump	Irrig.	.18	18	4	25	Furnas	Mar.	22	1944	8701	
Medicine Creek	Jay D. Buker	Curtis	Pumps	Irrig.	1.03	7	7	27	Frontier	May	19	1945	8835	
							18	7	27	Frontier	May	19	1945	8835
Medicine Creek	U. S. Bureau of Reclamation	Denver	Medicine Creek Reservoir	Storage	40,000	A	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.		35	10	31	Lincoln	May	5	1952	4965	
Medicine Creek Reservoir	U. S. Bureau of Reclamation	McCook	Superior Canal	Supp. I.	A-2691c	7	1	9	Webster	May	1	1946	4886*	
Medicine Creek Reservoir	U. S. Bureau of Reclamation	McCook	Courtland Canal	Supp. I.	A-4222	7	1	9	Webster	May	1	1946	4887*	

†Indian Creek in Dundy County and Indian Creek in Webster County are separate streams.
 Supp. I. Storage water in addition to direct flow appropriation.
 Stor.-only. Land does not have a direct flow appropriation.
 *Claim not adjudicated, or application pending.
 †Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Medicine Creek Reservoir	U. S. Bureau of Reclamation	McCook	Cambridge Canal	Supp. I.	A-3869E	27	4	25	Furnas	May	1	1946		4888*
Milrose Creek	R. L. Keester Estate	Alma	Pump	Irrig.	.35	9	2	19	Harlan	Dec.	10	1940		3345
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	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
Muddy Creek	L. F. Nichols	Wauneta	Pump	Irrig.	.21	21	3	36	Dundy	Oct.	8	1949		4521
‡Muddy Creek	A. A. Rath	Stratton	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, North Branch	Herman F. Andrijeski	Stratton	Pump	Irrig.	.80	4	2	35	Hitchcock	July	15	1950		4725
Ohmstead Res.	Chris Ohmstead	Guide Rock	Ohmstead 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	8108	
Prairie Dog Cr.	Mayma Thompson	Alma	Pumps	Irrig.	.31	34	1	18	Harlan	Mar.	4	1940	8104	
Prairie Dog Cr.	Beyer and Waldo	Alma	Pump	Irrig.	.25	23	1	18	Harlan	Sept.	5	1940	8256	
Prairie Dog Cr.	Glenn Miller	Woodruff, Kan.	Pump	Irrig.	.93	35	1	19	Harlan	Oct.	11	1940	8292	
Prairie Dog Cr.	James S. Stone	Alma	Pump	Irrig.	.40	33	1	18	Harlan	Nov.	20	1940	8384	
Prairie Dog Cr.	Louise King, et al.	Kearney	Pump	Irrig.	.84	19	1	17	Harlan	Mar.	6	1941	8411	
Prairie Dog Cr.	Glenn Miller	Woodruff, Kan.	Pump	Irrig.	.23	35	1	19	Harlan	Feb.	11	1949	4434	
Prairie Dog Cr.	Mrs. Allen Peschel	Alma	Pump	Irrig.	.58	81	1	18	Harlan	Sept.	16	1949	4514	
Prairie Dog Cr., Tributary to	Fred Kauk	Alma	Pump	Irrig.	.22	29	1	18	Harlan	Dec.	12	1939	8047	
Prairie Dog Cr., Ravine, Trib. to	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	2988	
Red Willow Cr.	Chas. Walker	St. Ann	Pump	Irrig.	.81	9	6	81	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.	A. P. McKillip Estate	Hayes Center	Pump	Irrig.	.97	22	6	31	Hayes	Mar.	9	1940	3111	
Red Willow Cr.	Wm. Bortner	St. Ann	Pump	Irrig.	.18	21	5	30	Frontier	Mar.	12	1940	3114	
Red Willow Cr.	Howard W. Hill	Hayes Center	Pump	Irrig.	.23	27	6	81	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.	U. S. Bureau of Reclamation	McCook	Red Willow Reservoir	Storage		5	4	29	Red Willow	July	11	1951	4885*	
Republican R.	Consumers P. P. Dist.	Columbus	Guthrie Canal	Power	400.00	34	1	7	Nuckolls	Sept.	1	1877	1036	
Republican R.	E. S. Kirtland	Orleans	Orleans Mill	Power		27	2	19	Harlan				1043*	
Republican R.	Pioneer Irrig. Co.	Haigler	Haigler Canal	Irrig.	24.39	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	

‡Muddy Creek in Furnas County, Muddy Creek in Dundy County and Muddy Creek in Hitchcock County are separate streams.

§Storage only. Land does not have a direct flow appropriation.

†Reservoir capacity alleged by applicant.

*Claim not adjudicated, or application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
Republican R.	Lewis E. Crews	Longmont, Colo.	Crews Canal	Irrig.	2.61	21	1	41	Dundy	Apr.	4	1890	1025R
Republican R.	Pioneer Irrig. District	Haigler	Haigler Canal	Irrig.	135.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025
Republican R.	Pioneer Irrig. District	Yuma, Colo.	Haigler Canal	Irrig.	15.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025
Republican R.	U. S. Bureau of Reclamation	McCook	Meeker Canal	Irrig.	41.86	15	3	31	Hitchcock	Dec.	22	1890	4-9 8-7
Republican R.	Delaware-Hickman Ditch Company	Benkelman	Delaware-Hickman Canal	Irrig.	20.00	17	1	37	Dundy	Jan.	7	1895	157
Republican R.	Wesley A. Wheeler	Parks	Parks Canal	Irrig.	16.00	20	1	39	Dundy	June	18	1912	1202
Republican R.	Wesley A. Wheeler	Parks	Parks Canal	Irrig.	2.00	20	1	39	Dundy	Dec.	31	1915	1444
Republican R.	Wesley A. Wheeler	Parks	Parks Canal	Irrig.	1.14	20	1	39	Dundy	Sept.	5	1919	1555
Republican R.	L. E. Crews	Longmont, Colo.	Crews Canal No. 2	Irrig.	2.59	20	1	41	Dundy	Mar.	29	1923	1709
Republican R.	Mrs. Geo. Fischbach	Orleans	Pump	Irrig.	1.58	33	2	19	Harlan	Aug.	27	1925	1778
Republican R.	L. E. Stevenson Estate	Alma	Pump	Irrig.	6.34	5	1	13	Harlan	Sept.	30	1925	1781
Republican R.	K. G. Haeker	Alma	Pump	Irrig.	4.60	35	2	19	Harlan	Mar.	2	1926	1798
Republican R.	Dorsey Worden	Superior	Pump	Irrig.	1.04	32	1	6	Nuckolls	Sept.	23	1926	1862
Republican R.	Runck and Murdoch	Orleans	Pumps	Irrig.	3.29	22	3	20	Harlan	Sept.	18	1928	2029
						27	3	20	Harlan	Sept.	18	1928	2029
Republican R.	J. Warren Keifer, Jr.	Bostwick	Keifer Canal No. 1	Irrig.	9.83	21	1	8	Nuckolls	Sept.	22	1930	2167
Republican R.	B. C. Mendell	Superior	Mendell Canal	Irrig.	2.61	35	1	7	Nuckolls	Sept.	7	1932	2283
Republican R.	Mrs. Geo. Fischbach	Orleans	Pump	Irrig.		33	2	19	Harlan	Feb.	15	1933	2304
Republican R.	F. L. Arneson	Red Cloud	Pumps	Irrig.	.23	2	1	12	Webster	Apr.	17	1933	2318
						5	1	12	Webster	Apr.	17	1933	2318
Republican R.	John Best	Oxford	Pump	Irrig.	2.50	36	4	22	Furnas	Nov.	9	1934	2492
Republican R.	Marshall Fisher	Edison	Pump	Irrig.	.32	36	4	22	Furnas	June	23	1936	2583

Republican R.	Bostwick Irrig. District	Red Cloud	Republican River Canal No. 1	Irrig.	11	1	17	Harlan	Feb.	1	1987	2691a*	
			Republican River Canal No. 2	Irrig.	5	1	13	Franklin	Feb.	1	1987	2691b*	
			Republican River Canal No. 3	Irrig.	8	1	9	Webster	Feb.	1	1987	2691c*	
Republican R.	Bostwick Irrig. District	Red Cloud	Republican City Res.	Storage	14	1	17	Harlan	Feb.	1	1937	2692*	
Republican R.	Alfred E. Lang	Indianola	Pump	Irrig.	.42	14	3	27	Red Willow	Feb.	16	1937	2698
Republican R.	J. A. French	Edison	Pump	Irrig.	.39	6	3	21	Furnas	Feb.	25	1937	2703
Republican R.	Donald Andrews	Cambridge	Pump	Irrig.	.56	29	4	24	Furnas	Apr.	29	1938	2867
Republican R.	Kiehl and Zimmerman	Guide Rock	Pump	Irrig.	.26	9	1	9	Webster	May	2	1939	2919
Republican R.	B. C. Mendell	Superior	Mendell Canal	Irrig.	.07	35	1	7	Nuckolls	July	13	1939	2934
Republican R.	Mabel E. Uplinger	Kearney	Uplinger Canal	Irrig.	.75	11	1	17	Harlan	Nov.	15	1939	3019
Republican R.	Dunn and Chambers	Inavale	Pump	Irrig.	.36	1	1	16	Franklin	Jan.	19	1940	3079
Republican R.	Kahrs and Lieneman	Franklin	Pump	Irrig.	.78	7	1	15	Franklin	Jan.	22	1940	3081
Republican R.	Morris G. Martin, et al	Hastings	Pump	Irrig.	.18	8	1	11	Webster	Mar.	13	1940	3116
Republican R.	George Houchin	Red Cloud	Pump	Irrig.	.07	15	1	9	Webster	Apr.	5	1940	3131
Republican R.	Charles Howell	Bloomington	Pump	Irrig.	.75	10	1	16	Franklin	Apr.	15	1940	3134
Republican R.	Noah G. Reisher	Benkelman	Pump	Irrig.	1.21	30	1	38	Dundy	July	29	1940	3221
Republican R.	Ernst Meyer	Superior	Pump	Irrig.	.87	35	1	7	Nuckolls	Aug.	26	1940	3240
Republican R.	Edgar R. Amack	Red Cloud	Pump	Irrig.	.19	7	1	10	Webster	Aug.	28	1940	3244
Republican R.	Jessica C. Auld	Palo Alto	Pump	Irrig.	1.36	9	1	11	Webster	Aug.	31	1940	3248
Republican R.	Floyd R. Butler	Superior	Pump	Irrig.	.59	34	1	7	Nuckolls	Sept.	3	1940	3252
Republican R.	Ernest E. Tietze, et al	Fremont	Pumps	Irrig.	.73	28	4	24	Furnas	Oct.	16	1940	3298
					29	4	24	Furnas	Oct.	16	1940	3298	
Republican R.	W. J. Bach	Riverton	Pump No. 1	Irrig.	.47	3	1	14	Franklin	Jan.	22	1941	3375
Republican R.	Mrs. Theo. Bach	Riverton	Pump No. 1	Irrig.	.90	3	1	14	Franklin	Feb.	6	1941	3384
Republican R.	Alfred E. Lang	Indianola	Pump	Irrig.	.87	14	3	27	Red Willow	Feb.	24	1941	3401
Republican R.	Howard McCann	Edison	Pump	Irrig.	.84	35	4	22	Furnas	May	2	1941	3438
Republican R.	Floyd R. Butler	Superior	Pump	Irrig.	.03	34	1	7	Nuckolls	May	9	1941	3443
Republican R.	Oswin Keifer	Bostwick	Keifer Canal No. 1	Irrig.	2.08	21	1	8	Nuckolls	Jan.	27	1942	3547

R. Denotes relocation.

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

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Republican R.	F. L. Arneson	Red Cloud	Valley Grove Canal	Irrig.	.25	5	1	12	Webster	Mar.	11	1942	3558
Republican R.	Wendell Olson	Orleans	Pump	Irrig.	1.00	36	3	20	Harlan	Aug.	5	1943	3629
Republican R.	North Republican Irrigation District	McCook	Lower Haigler Canal	Irrig.		21	1	40	Dundy	Jan.	22	1946	3868b*
Republican R.	North Republican Irrigation District	McCook	Benkelman Canal	Irrig.		24	1	38	Dundy	Jan.	22	1946	3868e*
Republican R.	Frenchman-Cambridge Irrigation District	McCook	Meeker Canal	Irrig.		15	3	31	Hitchcock	Jan.	22	1946	3869b
Republican R.	Frenchman-Cambridge Irrigation District	McCook	North Red Willow Canal	Irrig.		16	3	28	Red Willow	Jan.	22	1946	3869c
Republican R.	Frenchman-Cambridge Irrigation District	McCook	South Red Willow Canal	Irrig.		16	3	28	Red Willow	Jan.	22	1946	3869d
Republican R.	Frenchman-Cambridge Irrigation District	McCook	Cambridge-Oxford- Orleans Canal	Irrig.		27	4	25	Furnas	Jan.	22	1946	3869e
Republican R.	Frenchman-Cambridge Irrigation District	McCook	Meeker Canal	Irrig.		15	3	31	Hitchcock	Apr.	3	1946	3887e
Republican R.	Ben E. Peterson	Orleans	Pump	Irrig.	.25	1	2	20	Harlan	Mar.	3	1947	4042
Republican R.	H. Leslie Myers	Superior	Pump	Irrig.	.31	34	1	7	Nuckolls	Apr.	11	1947	4066
Republican R.	Ohmstede-Zimmerman	Guide Rock	Pump	Irrig.	.36	10	1	9	Webster	June	13	1947	4080
Republican R.	Ideal Cement Company	Superior	Pump	Mfg.	11.50	27	1	7	Nuckolls	Sept.	10	1947	4109
Republican R.	Marvin W. Jackson	Naponee	Pump	Irrig.	.74	11	1	16	Franklin	Nov.	5	1947	4140
Republican R.	Walter Crozier	Guide Rock	Pump	Irrig.	.15	15	1	9	Webster	Nov.	14	1947	4143
Republican R.	U. S. Bureau of Reclamation	Denver	Harlan County Reservoir	Storage	†350,000	2	1	17	Harlan	Jan.	26	1948	4190
					AF								
Republican R.	Lyle A. Harris	Denver	Pump	Irrig.	1.02	10	1	10	Webster	Feb.	7	1948	4205
Republican R.	Bostwick Irrig. District	Red Cloud	Franklin Canal	Irrig.		11	1	17	Harlan	Feb.	26	1948	4216*
Republican R.	Bostwick Irrig. District	Red Cloud	Naponee Canal	Irrig.		14	1	17	Harlan	Feb.	26	1948	4217*

Republican R.	Bostwick Irrig. District	Red Cloud	Red Cloud No. 1 Pump Canal	Irrig.	7	1 12	Webster	Feb.	26 1948	4218*	
Republican R.	Bostwick Irrig. District	Red Cloud	Red Cloud No. 2 Pump Canal	Irrig.	2	1 12	Webster	Feb.	26 1948	4219*	
Republican R.	Bostwick Irrig. District	Red Cloud	Red Cloud No. 3 Pump Canal	Irrig.	8	1 11	Webster	Feb.	26 1948	4220*	
Republican R.	Bostwick Irrig. District	Red Cloud	Superior Canal	Irrig.	7	1 9	Webster	Feb.	26 1948	4221	
Republican R.	Bostwick Irrig. District	Red Cloud	Courtland Canal	Irrig.	7	1 9	Webster	Feb.	26 1948	4222	
Republican R.	Bostwick Irrig. District	Red Cloud	Franklin Pump Canal	Irrig.	5	1 14	Franklin	Feb.	28 1948	4227*	
Republican R.	Elsie M. Schnuerle	Naponee	Pump	Irrig.	1.00	16	1 16	Franklin	Apr.	26 1948	4250
Republican R.	John Sindt	Republican City	Pump	Irrig.	3.27	12	1 18	Harlan	Sept.	16 1948	4343
Republican R.	Albert E. Wiedel	Orleans	Pump	Irrig.	1.94	19	2 19	Harlan	Nov.	30 1948	4387
Republican R.	Francis Hergott	Orleans	Pump	Irrig.	.81	18	2 19	Harlan	Jan.	18 1949	4421
Republican R.	Thompson and Johnston	Guide Rock	Pump	Irrig.	2.14	18	1 8	Nuckolls	Apr.	14 1949	4463
Republican R.	Magnus Fries	Benkelman	Pump	Irrig.	2.40	28	1 38	Dundy	Oct.	13 1949	4522
Republican R.	Fred G. Amman, et al	Bloomington	Pump	Irrig.	.26	8	1 15	Franklin	Feb.	9 1950	4590
Republican R.	Jessie D. McComb	San Francisco	Pump	Irrig.	.89	12	1 16	Franklin	July	7 1950	4719
Republican R.	Laura Cantrell	Bloomington	Pump	Irrig.	.11	8	1 15	Franklin	Sept.	1 1950	4743
Republican R.	Lyle A. Harris	Denver	Pump	Irrig.	1.76	8	1 9	Webster	Oct.	9 1950	4753
Republican R.	Magnus Fries	Benkelman	Pump	Irrig.	.26	28	1 38	Dundy	Oct.	16 1950	4756
Republican R.	Harry W. Blank	Franklin	Pump	Irrig.	.47	6	1 14	Franklin	Dec.	23 1950	4782
Republican R.	Stanley McCoy	Arapahoe	Pump	Irrig.	.77	33	4 23	Furnas	Apr.	13 1951	4842
Republican R.	U. S. Bureau of Reclamation	McCook	Swanson Lake	Storage	†122,800	5-8	2 33	Hitchcock	July	11 1951	4884
					AF						
Republican R.	Francis Hergott	Orleans	Pump	Irrig.	.67	18	2 19	Harlan	Dec.	31 1951	4924
Republican R.	Verlin Harris	Red Cloud	Pump	Irrig.		4	1 10	Webster	Sept.	26 1952	5038*
Republican R., Stream, Trib. to	Robert Rebman	Alma	Pump	Irrig.	.19	29	2 18	Harlan	Oct.	31 1951	4916
Republican R., Ravine, Trib. to	H. L. Lueking	Oxford	Lueking Reservoir	Storage	†234	AF 8	3 22	Furnas	Feb.	28 1940	3098
Republican R., Ravine, Trib. to	Clyde S. Paine	Edison	Paine Reservoir	Storage	†420	AF 21	4 22	Furnas	Apr.	18 1940	3138

*Application pending.

†Reservoir capacity alleged by applicant.

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

114

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Republican R., Ravine, Trib. to	Clark Crow	Oxford	Crow Reservoir	Storage	†99 AF	19	3	20	Harlan	Nov.	20	1940	3333
Republican R., Ravine, Trib. to	Gezena M. Broeker	Arapahoe	Broeker Reservoir	Storage	†122 AF	4	3	22	Furnas	Dec.	10	1940	3349
Republican R., Ravine, Trib. to	Robert Haeker	Orleans	Haeker Reservoir	Storage	†105 AF	2	1	19	Harlan	Aug.	30	1946	3950
Republican R., Ravine, Trib. to	Chris Ohmstead	Guide Rock	Ohmstead Reservoir	Storage	†236 AF	17	1	9	Webster	Aug.	31	1946	3951
Republican R., Ravine, Trib. to	Luise Eleanor Wolfe	Red Cloud	Gilham Reservoir	Storage	†100 AF	31	2	10	Webster	Nov.	4	1946	4001
Republican R., North Fork	North Republican Irrigation District	McCook	Upper Haigler Canal	Irrig.		13	1	42	Dundy	Jan.	22	1946	3868a*
Republican R., South Fork	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	138
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	U. S. 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
Sacramento Creek	Martin E. Davidson	Holdrege	Pump	Irrig.	.50	12	5	18	Phelps	June	12	1937	2753

REPORT OF THE STATE ENGINEER

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	Beaver-Sappa Public	Cambridge	South Sappa Canal	Irrig.		18	1	22	Furnas	Dec.	14	1936	2671b*
(See Beaver Cr.)	Power and Irrig. Dist.		North Sappa Canal	Irrig.		18	1	22	Furnas	Dec.	14	1936	2671b*
Sappa Creek	Beaver-Sappa Public	Cambridge	Spring Green Lake	Storage		19	1	22	Furnas	Dec.	14	1936	2672b*
(See Beaver Cr.)	Power and Irrig. Dist.		Reservoir										
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	Guy Stevenson	Wilsonville	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	4560
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.		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,	Clarence Gerd	Stamford	Gerd Reservoir	Storage	†54 AF	34	2	21	Furnas	Feb.	29	1940	3099
	Ravine, Trib. to												

†Reservoir capacity alleged by applicant.
 *Claim not adjudicated, or application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Sappa Creek, Ravine, Trib. to	Floyd T. Brown	Stamford	Brown Reservoir	Storage	†46 AF	4	1	21	Furnas	Apr.	29	1941	3483
Sappa Creek, Ravine, Trib. to	Edna Feese	Hastings	Feese Reservoir	Storage	†17 AF	30	2	20	Harlan	Sept.	9	1941	3497
Saul Reservoir	John L. Saul	Superior	Pump	Stor-only		33	1	6	Nuckolls	Aug.	23	1951	4957
School Creek	Carl O. Broeker	Orleans	Pump	Irrig.		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	Albert Sindt	Naponee	Spring Creek Canal	Irrig.	.27	17	2	16	Franklin	Jan.	14	1939	2906
‡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
Stinking Water Creek	Kilpatrick Brothers	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	Kilpatrick Brothers	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	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	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	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	Beatrice	Chase County L. and L. Stock Canal No. 1	Irrig.	.70	4	7	38	Chase	June	27	1895	57
Stinking Water	Gale Malone	Palisade	Pump	Irrig.	.95	15	5	84	Hayes	Oct.	5	1939	2981

Stinking Water Creek	Gale Malone	Palisade	Pump	Irrig.	.36	15	5	34	Hayes	Apr.	15	1940	3186
Stinking Water Creek	Scott and Anderson	Holdrege	Pump	Irrig.	1.40	25	5	34	Hayes	Sept.	28	1943	3556
Stinking Water Creek	Ruth E. Ashmore, et al	Lincoln	Pump	Irrig.	1.60	25	5	34	Hayes	Mar.	8	1950	4615
Stinking Water Creek	Ray Kitt	Wauneta	Pumps	Irrig.		25	5	34	Hayes	July	22	1952	4994
Thompson Creek	J. and O. Ziegler	Riverton	Pump	Irrig.	.73	27	2	13	Franklin	Jan.	16	1935	2505
Thompson Creek, East Branch	W. J. Tupper	Riverton	Pump	Irrig.	.15	3	2	13	Franklin	July	21	1947	4086
Thompson Creek, North Springs, Tributary to	C. F. Eshelman	Riverton	North Spring Canal	Irrig.	.09	10	2	13	Franklin	July	27	1932	2278
†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.	23	1941	3510
Turkey Creek	John Best	Oxford	Pump	Irrig.	.05	13	4	22	Furnas	Mar.	16	1951	4822
†Turkey Creek	Wilt and Polly	Naponee	Wilt and Polly Canal	Power		4	1	16	Franklin	Dec.	31	1874	183*
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	Staue Ray	Naponee	Pump	Irrig.	.38	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	Staue 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

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

†Turkey Creek in Furnas and Franklin Counties are separate streams.

*Reservoir capacity alleged by applicant.

†Claim not adjudicated.

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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	38	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	Bloomington	James Canal	Irrig.	.21	28	2	15	Franklin	Feb.	28	1935	2521
Vining Creek	Mrs. N. O. Betts	Bloomington	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	Osterbuhr and Hadan	Franklin	Osterbuhr Canal	Irrig.	.18	28	2	14	Franklin	June	28	1940	3192
Whiteman Fork	Kilpatrick Bros. Co.	Beatrice	Whiteman Canal	Irrig.		22	6	39	Chase	June	6	1952	4972
Worthman Creek, Ravine, Trib. to	Wm. Sindt	Riverton	Sindt Reservoir	Storage	†115 AF	14	1	14	Franklin	Oct.	30	1944	3780

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of 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		2486
Blue River, Lit.	Consumers P. P. Dist.	Columbus	Oak Mill Race	Power		16	3	5	Nuckolls				991*	
Blue River, Lit.	Game, Forestation and Parks Commission	Lincoln	Crystal Reservoir	Storage	†32 AF	27	6	10	Adams	Aug.	17	1912		1219
Blue River, Lit.	Geo. Lyon, Jr.	Nelson	Lyon Plant	Power	150.00	29	4	6	Nuckolls	Apr.	26	1915		1410
Blue River, Lit.	Geo. Lyon, Jr.	Nelson	Lyon Plant	Irrig.	4.00	18	4	6	Nuckolls	Apr.	26	1915		1411
Blue River, Lit.	Consumers P. P. Dist.	Columbus	Meyer Plant	Power	150.00	16	3	5	Nuckolls	July	27	1916		1467
Blue River, Lit.	Bozarth and Carter	Hebron	Hebron Plant	Power	216.00	9	2	2	Thayer	Mar.	31	1919		1538
Blue River, Lit.	J. T. Campbell	Hebron	Blue Valley Plant	Power	200.00	3	2	1	Thayer	May	28	1919		1542
Blue River, Lit.	Game, Forestation and Parks Commission	Lincoln	Larkins Canal	Power	1.50	27	6	10	Adams	Nov.	29	1920		1594
Blue River, Lit.	Chas. M. Hurlburt Estate	Fairbury	Hurlburt Canal	Irrig.	.20	22	2	2E	Jefferson	Aug.	7	1922		1685
Blue River, Lit.	R. B. Steele	Fairbury	Sand-Mining Project	Mfg.		22	2	2E	Jefferson	Aug.	16	1926		1847*
Blue River, Lit.	A. V. Blocker	Roseland	Pump	Irrig.	.08	9	5	11	Adams	Nov.	1	1926		1869
Blue River, Lit.	Alois Vap	Ludell, Kan.	Pump	Irrig.	.81	31	5	7	Clay	Dec.	8	1926		1878
Blue River, Lit.	L. S. Gaudreault	Hastings	Pump	Irrig.	.39	26	6	10	Adams	Feb.	22	1927		1903
Blue River, Lit.	Felix G. Anderson	Glenvil	Pump	Irrig.	1.01	28	6	10	Adams	Feb.	23	1927		1904
Blue River, Lit.	C. J. Hubbell	Fairfield	Logan Canal	Irrig.	1.88	33	5	7	Clay	Mar.	7	1927		1907
Blue River, Lit.	A. Louis Bexten	Pauline	Pumps	Irrig.	1.60	25	6	10	Adams	Mar.	8	1927		1908
						81	6	9	Adams	Mar.	8	1927		1908
Blue River, Lit.	Ernest J. Hinrichs	Ayr	Pump	Irrig.	.80	13	5	11	Adams	Mar.	8	1927		1909
Blue River, Lit.	City of Fairbury	Fairbury	Fairbury Plant	Mfg.	16.70	15	2	2E	Jefferson	Oct.	22	1927		1963
Blue River, Lit.	Theodore Bergt	Davenport	Pump	Irrig.	1.50	22	3	4	Thayer	Apr.	17	1930		2134
Blue River, Lit.	K. M. J. Dutton Estate	Oak Park, Ill.	Pumps	Irrig.	5.24	29	3	3	Thayer	Aug.	4	1930		2152
	Harry G. Schardt	Hebron												

*Claim not adjudicated, or application pending.

†Reservoir capacity alleged by applicant.

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

120

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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, Lit.	E. H. Jones	Fairbury	Pump	Irrig.	1.74	26	2	2E Jefferson	Sept.	4	1930		2165	
Blue River, Lit.	Walter E. and Adolph Heinrich	Davenport	Pump	Irrig.	2.23	20	3	4 Thayer	Feb.	24	1931		2193	
Blue River, Lit.	Henry H. Nehrig	Davenport	Pump	Irrig.	5.00	26	3	4 Thayer	Mar.	10	1931		2194	
Blue River, Lit.	Harry K. Sanford	Ayr	Pump	Irrig.	.28	4	5	10 Adams	Sept.	22	1931		2238	
Blue River, Lit.	H. H. Heiler Estate	Hastings	Pump	Irrig.	.46	27	6	10 Adams	Sept.	30	1931		2241	
Blue River, Lit.	John T. Weyenberg	Hastings	Pumps	Irrig.	1.20	17	5	8 Clay	Oct.	8	1931		2243	
Blue River, Lit.	Albert Zweifel Estate	Fairbury	Pump	Irrig.	.25	9	2	2E Jefferson	July	25	1932		2277	
Blue River, Lit.	Geo. H. Paus	Fairfield	Pump	Irrig.	.22	16	5	8 Clay	May	15	1933		2321	
Blue River, Lit.	Cornelius R. Peters Est.	Angus	Pump	Irrig.	.71	27	4	6 Nuckolls	May	31	1934		2389	
Blue River, Lit.	John L. Scroggin	Oak	Pump	Irrig.	1.31	1	3	6 Nuckolls	June	2	1934		2394	
Blue River, Lit.	John H. Davis	Fairfield	Pump	Irrig.	.66	15	5	8 Clay	June	5	1934		2399	
Blue River, Lit.	Wm. Stokebrand	De Witt	Pump	Irrig.	.84	5	2	1 Thayer	Aug.	1	1934		2451	
Blue River, Lit.	Mrs. Hester Johnston	Oak	Pump	Irrig.	1.14	8	3	5 Nuckolls	Aug.	13	1934		2460	
Blue River, Lit.	I. Kasperek	Fairbury	Pump	Irrig.	.54	6	1	3E Jefferson	Nov.	3	1934		2491	
Blue River, Lit.	Clarence E. Rice	Odell	Pump	Irrig.	.46	36	2	2E Jefferson	Feb.	1	1935		2511	
Blue River, Lit.	C. E. Rice	Odell	Pump	Irrig.	.54	24	3	1E Jefferson	Feb.	20	1935		2517	
Blue River, Lit.	Lindgren and Bartlett	Edgar	Pumps	Irrig.	.21	19	4	6 Nuckolls	Aug.	7	1935		2553	
Blue River, Lit.	Albert N. Corliss	Hebron	Pump	Irrig.	.93	9	2	2 Thayer	Jan.	25	1937		2682	
Blue River, Lit.	Flora E. Rife	Deweese	Pump No. 1	Irrig.	.04	32	5	7 Clay	Jan.	30	1937		2689	
Blue River, Lit.	James R. Hill	Deweese	Pump	Irrig.	.33	32	5	7 Clay	Mar.	26	1937		2723	
Blue River, Lit.	Klen R. Sherman, et al	Pauline	Pump No. 2	Irrig.	.51	32	6	9 Adams	May	28	1937		2749	
Blue River, Lit.	F. W. McKenzie	Hebron	Pump	Irrig.	.30	36	3	3 Thayer	Nov.	2	1937		2799	
Blue River, Lit.	Clarence E. Rice	Odell	Powell Reservoir	Storage	+74	AF	24	3	1E Jefferson	May	10	1940		3153
Blue River, Lit.	Jay Goble	Ayr	Pump	Irrig.	.20	26	6	10 Adams	July	16	1940		3203	
Blue River, Lit.	Clyde W. Lehman	Milford	Pump	Irrig.	.29	18	4	6 Nuckolls	Aug.	31	1940		3247	
Blue River, Lit.	Mrs. Guy B. Cassell	Steele City	Pump	Irrig.	.14	13	1	3E Jefferson	Apr.	16	1941		3428	

REPORT OF THE STATE ENGINEER

Blue River, Lit.	John L. Scroggin, et al	Oak	Pump	Irrig.	40	15	3	5	Nuckolls	Oct.	22	1941	3522
Blue River, Lit.	John L. Scroggin, et al	Oak	Pump No. 2	Irrig.	2.14	7	3	5	Nuckolls	Oct.	27	1941	3524
Blue River, Lit.	John L. Scroggin, et al	Oak	Pump No. 3	Irrig.	2.51	17	3	5	Nuckolls	Sept.	1	1942	3585
Blue River, Lit.	Ralph Harrington Estate.	Hastings	Pump	Irrig.	.15	4	5	10	Adams	Jan.	15	1944	3673
Blue River, Lit.	George Hinrichs	Davenport	Pump	Irrig.	.26	3	4	Thayer	Aug.	8	1946	3948*	
Blue River, Lit.	Carl Mefford	Ayr	Pump	Irrig.	.28	30	6	9	Adams	Sept.	6	1946	3953
Blue River, Lit.	I. D. Gartrell	Clay Center	Pump	Irrig.	.30	34	5	7	Clay	Sept.	21	1946	3966
Blue River, Lit.	A. C. Jones	Nora	Pump	Irrig.	.89	12	4	7	Nuckolls	Jan.	29	1947	4028
Blue River, Lit.	Thos. A. Culligan	Alexandria	Pump	Irrig.	.52	24	3	1	Thayer	Feb.	26	1948	4215
Blue River, Lit.	Edw. J. Lipovsky	Fairfield	Pump	Irrig.	1.09	23	5	8	Clay	June	23	1948	4296
Blue River, Lit.	Otto Lillich	Deshler	Pump	Irrig.	.22	30	3	4	Thayer	Apr.	18	1949	4465
Blue River, Lit.	Alexander Bednar	Fairfield	Pump	Irrig.	.61	26	5	8	Clay	May	24	1949	4474
Blue River, Lit.	J. R. Kenner	Hebron	Pump	Irrig.	.48	9	2	2	Thayer	Feb.	8	1950	4589
Blue River, Lit.	Chester E. Anderson	Pauline	Pump	Irrig.	.65	11	5	9	Adams	Mar.	4	1950	4614
Blue River, Lit.	Gordon Watts	Edgar	Pump	Irrig.	.60	11	4	7	Nuckolls	Apr.	6	1950	4634
Blue River, Lit.	Clarence Bauder	Hastings	Pump	Irrig.	.19	9	5	5	Adams	Apr.	8	1950	4687
Blue River, Lit.	Clarence W. Bauder	Hastings	Pump	Irrig.	.27	9	5	9	Adams	Aug.	8	1950	4783
Blue River, Lit.	Ray Ebert	Hastings	Pump	Irrig.	.83	27	6	10	Adams	Sept.	8	1951	4906
Blue River, Lit.	Donald A. Watts	Fairfield	Pump	Irrig.	.25	5	8	Clay	June	6	1952	4973	
Blue River, Lit., Ravine, Trib. to	W. S. Thorne	Bladen	Fairacre Reservoir	Storage	†56 AF	6	4	11	Webster	Nov.	15	1946	4905
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	Clay Hull	Sedan	Hull Well	Irrig.	.8	4	5	Nuckolls	Oct.	4	1947	4119*	
Ground Water	B. F. Scroggin Estate	Oak	Scroggin Well No. 1	Irrig.	.17	3	5	Nuckolls	Dec.	1	1947	4154*	

†Reservoir capacity alleged by applicant.

*Application pending.

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	Provi- sional 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	Wilhelm F. Phillipi	Bruning	Phillipi Well	Irrig.		8	4	2	Thayer	Jan.	21	1948	4188*	
Ground Water	Wm. W. Miller	Davenport	Miller Well	Irrig.		18	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.		18	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*	
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. Adecock	Davenport	Adecock 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	Marvin and Melvin 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*	
Liberty Creek	Arthur W. Hayes	Deweese	Hubbell 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	3	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	Lamb Reservoir	Storage	†8	AF	29	1	1	Thayer	May	15	1942	3568
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	
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	Storage	†71	AF	17	3	1E	Jefferson	Aug.	29	1950	4742
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	A. Geo. 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	

*Application pending.

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

†Reservoir capacity alleged by applicant.

Priority for irrigation wells not established

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Anderson Res.	Geo. F. Anderson	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	Sumner W. Burnham	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		4837
Beaver Creek	Albert Oswald	Aurora	Beaver Creek Reservoir	Storage	‡3 AF	28	10	7	Hamilton	Nov.	18	1949		4532
Blue River, Big	Black Brothers Flour Mills	Beatrice	Black Brothers Plant (Beatrice)	Power	300.00	33	4	6E	Gage	Jan.	11	1860	1048	
Blue River, Big	Consumers P. P. Dist.	Columbus	Milford 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	Zwonecheck and Aksamit	Wilber	De Witt Mill	Power	200.00	19	5	5E	Gage	Jan.	1	1875	1046	
				Rs. Dam		19	5	5E	Gage	Jan.	1	1903	1046	
Blue River, Big	Consumers P. P. Dist.	Columbus	Holmesville Plant	Power	500.00	29	8	7E	Gage	Apr.		1882	1021	
Blue River, Big	Consumers P. P. Dist.	Columbus	Holmesville Plant	Rs. Dam	D-1021	29	8	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		1185
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	C. B. & Q. Pipe Line	Domestic	.50	2	9	3E	Seward	Apr.	30	1914	1366
Blue River, Big.	C. B. & Q. R. R. Co.	Lincoln	Wymore Pipe Line	Domestic	.50	21	2	7E	Gage	Dec.	24	1914	1394
Blue River, Big.	C. B. & Q. R. R. Co.	Lincoln	Seward Pipe Line	Domestic	.50	21	11	3E	Seward	Dec.	24	1914	1395
Blue River, Big.	Consumers P. P. Dist.	Columbus	Plant No. 4	Power	100.00	32	9	4E	Seward	Aug.	14	1916	1463
Blue River, Big.	Consumers P. P. Dist.	Columbus	Shestak Plant	Power	200.00	35	7	4E	Saline	Feb.	6	1918	1506
Blue River, Big.	Consumers P. P. Dist.	Columbus	Shestak Plant	Dredge	A-1506	35	7	4E	Saline	Mar.	30	1925	1761
Blue River, Big.	Consumers P. P. Dist.	Columbus	Plant No. 3	Power	400.00	2	3	6E	Gage	Oct.	7	1922	1690
Blue River, Big.	Chas. S. F. Johnson	Stromsburg	Pump	Irrig.	1.29	8	13	2	Polk	Mar.	26	1930	2180
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	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. Cokal	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.	Emil J. Urbanovsky	Bee	Pump No. 1	Irrig.	1.59	20	13	2E	Butler	Sept.	11	1934	2473
Blue River, Big.	L. Jorgenson	Carmel, Cal.	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	2495
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
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	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
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.	Mrs. C. W. Buck	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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Blue River, Big	Marie Ficken	Seward	Pump No. 2	Irrig.	.58	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	George F. Anderson	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	Sonderegger Nurseries and Seed House	Beatrice	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.	1.84	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 Janeczek	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. Roehrkas Estate	Seward	Pump	Irrig.	.32	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	8251
Blue River, Big (See A-3866)	George F. Anderson	Stromsburg	Anderson Reservoir	Storage	†13 AF	34 14	2	Polk	Jan.	9 1941	3365
Blue River, Big	Village of Surprise	Surprise	Surprise Reservoir	Storage		15 12	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-3865)	George F. Anderson	Stromsburg	Anderson Reservoir	Storage	†44.4 AF	84 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	4198
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.	28 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
Blue River, Big	James L. Brodie	Crete	Pump	Irrig.	.06	5 8	4E	Saline	Feb.	8 1950	4588
Blue River, Big	Alfred and R. H. Chab.	Wilber	Pump	Irrig.	.97	16 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 18	2	Butler	Feb.	26 1951	4809

R. Denotes relocation.

†Reservoir capacity alleged by applicant.

*Application pending.

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

128

REPORT OF THE STATE ENGINEER

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, 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 A	30	8	4E	Saline	Nov.	12	1948		4363
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 2	Power	100.00	32	8	3E	Seward	Jan.	3	1912		1153
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 2	Rs. Dam	A-1153	32	9	3E	Seward	Aug.	21	1918		1520
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 3	Power	100.00	5	8	4E	Saline	Mar.	13	1913		1265
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 3	Rs. Dam	A-1265	5	8	4E	Saline	Aug.	21	1918		1521
Blue R., Big, W.F.	Consumers P. P. Dist.	Columbus	Plant No. 3	Rs. Dam	A-1265	5	8	4E	Saline	Dec.	28	1920		1599
Blue R., Big, W.F. 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.	.93	30	9	5	Hamilton	Sept.	13	1929		2103
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
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.	Arthur F. Johnson	Dorchester	Pump	Irrig.	.37	32	9	3E	Seward	July	23	1934		2485
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.	Mrs. Marie Steffgen	Grafton	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	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 Cross'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.	M. Madison	Seward	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.	P. J. O'Connor, et al.	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. Goeke	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

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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.	Harry Borchers, et al	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	
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.	Jesse Chaffee	Stockham	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	Linceln	Pump	Irrig.	.10	3	8	3	Fillmore	Feb.	13	1951	4797
Blue R., Big, W.F. Trib. to	Thos. J. Dredla	Crcte	Pump	Irrig.	.16	10	8	3E	Saline	Sept.	25	1989	2975
Blue R., Big, S.F.	Richard A. Smith, et al	Cereva	Pump	Irrig.	.08	1	8	4	Fillmore	Oct.	11	1941	3518
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*

*Application pending.
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	Provi- sional 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	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*
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*
Indian Creek (See Spring Branch)	Alvin M. Fink	Wymore	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
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

*Application pending, or claim not adjudicated.
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	Provi- sional 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	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.	.84	2	10	6	Hamilton	Sept.	27	1940	3276
Lincoln Creek	Andrew Grosshans	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
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 J. 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	C. Henry Meyer	Lincoln	Pump	Irrig.	.36	22	11	4	York	May	19	1949	4473
Lincoln Creek	Armin A. Gross	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	L. O. Livingston	York	Pump	Irrig.	.28	25	12	2	York	Jan.	26	1951	4792	
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*	
School Creek	Henry Trautman, et al	Sutton	Pump	Irrig.	.16	17	8	4	Fillmore	Apr.	29	1940	3141	
School Creek	Tom Fitzgerald	Grafton	Pump	Irrig.	.05	20	8	4	Fillmore	June	3	1942	3572	
Siedhoff Reservoir	Henry Siedhoff	Crete	Siedhoff Canal	Stor-only		80	8	4E	Saline	Nov.	12	1949	4545	
Sleepy Hollow, Ravine, Trib. to	Calvin J. Miller	Utica	Miller Reservoir	Storage	†23.5	A	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	De Witt	Pump	Irrig.	.03	19	5	4E	Saline	Apr.	6	1937	2728	
Swan Creek	Frederick Schmidt	De Witt	Pump	Irrig.	.70	16	5	4E	Saline	Feb.	9	1949	4428	
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	Murray E. Dilley and Mrs. Grant Bloodgood	Friend	Pump	Irrig.	2.11	33	8	2E	Saline	June	30	1934	2414	
		Lakewood, Col.												
Turkey Creek	John Belka	Dorchester	Pump	Irrig.	.58	4	7	3E	Saline	July	13	1934	2424	
Turkey Creek	Mrs. H. H. Engel	Friend	Pump	Irrig.	.73	8	7	1E	Saline	July	19	1934	2432	
Turkey Creek	Fred Hasenohr	De Witt	Pump	Irrig.	.33	24	5	4E	Saline	May	3	1935	2545	

*Application pending, or 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-D—Concluded

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	Edwin Stokebrand	De Witt	Pump	Irrig.	.49	29	5	5E	Gage	Oct.	18	1935	2562
Turkey Creek	Henry Ebke	De Witt	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	John E. Barney	Friend	Pump	Irrig.	.30	32	8	2E	Saline	Sept.	8	1939	2961
Turkey Creek	Adolph Eret	Dorchester	Pump	Irrig.	.41	34	8	2E	Saline	July	23	1940	3209
Turkey Creek	Henry W. Damkroger	De Witt	Pumps	Irrig.	.46	29	5	5E	Gage	Aug.	20	1940	3235
Turkey Creek	Mrs. Lizzie Waldo	De Witt	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	Frank M. Kohler	Geneva	Pump	Irrig.		21	7	2	Fillmore	Oct.	23	1951	4913
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*

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of 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*

Supp. I. Storage water in addition to direct flow.
 Stor-only. Land does not have a direct flow appropriation.
 *Application pending.
 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	Provi- sional 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	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*
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	Martin W. Dimery	Sidney	Runge Canal No. 1	Irrig.	1.71	20	14	50	Cheyenne	Apr.	15	1880	339	
Lodgepole Creek	Martin W. Dimery	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	378	
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	Bernard F. and Robert J. 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	323	
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	58	Kimball	Apr.	16	1886	851
Lodgepole Creek	Wm. F. Krueger, et al	Sidney	Krueger Canal No. 2	Irrig.	2.29	32	14	48	Cheyenne	Oct.	10	1886	824
Lodgepole Creek	Bernard J. Beyer	Sidney	Borquist Canal	Irrig.	.71	84	14	49	Cheyenne	Apr.	30	1887	800
Lodgepole Creek	Bernard J. Beyer	Sidney	Borquist Canal	Irrig.	1.29	84	14	49	Cheyenne	Apr.	30	1887	801
Lodgepole Creek	Friend Dickinson	Sunol	McLaughlin Canal	Irrig.	1.00	25	14	48	Cheyenne	May	1	1887	966
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	380
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	803
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	842
Lodgepole Creek	Gross Wilkinson Ranch and Aderrick Benzinger Wyoming	Pine Bluffs,	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 Wyoming	Pine Bluffs,	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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Lodgepole Creek	Robert Gerrard, 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 Lynholm	Sidney	Lynholm 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	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.	1.60	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	McIntosh Canal	Irrig.	1.75	23	16	55	Kimball	Dec.	15	1903	734	
Lodgepole Creek	Donald Clark	Chappell	Smith Canal	Irrig.	3.86	12	12	45	Deuel	Aug.	18	1906	850	
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	860	
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	36	15	57	Kimball	Apr.	15	1908	897	
Lodgepole Creek	Kimball Irrig. District	Kimball	Kimball Canal	Irrig.	AF	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.	.48	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	

*Claim not adjudicated.

†Reservoir capacity alleged by applicant.

R. Denotes relocation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
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	Martin W. Dimery	Sidney	Pump	Irrig.	.33	20	14	50	Cheyenne	June	25	1940		3191
Lodgepole Creek	Martin W. Dimery	Sidney	Runge Canal No. 1	Irrig.	.48	20	14	50	Cheyenne	Jan.	8	1941		3363
Lodgepole Creek	Martin W. Dimery	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		4581
Lodgepole Creek	Robert P. Garrard	Kimball	Hurley-Lilly-Polly Canal	Irrig.	.96	26	15	56	Kimball	Mar.	12	1951		4818
Lodgepole Creek	George H. Rabe	Chappell	Pump	Irrig.		12	12	44	Deuel	Mar.	27	1952		4956
Lodgepole Creek	Burel F. Kinney, et al.	Sidney	Pump	Mfg.		10	14	52	Cheyenne	Sept.	22	1952		5030
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

Springs	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	885
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	Provi- sional 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	Miner and Walker	Verdon	Pump	Irrig.		10	2	15E	Richardson	June	18	1952	4974	
Muddy Creek	L. C. Shafer	Verdon	Pumps	Irrig.		23	2	15E	Jefferson	June	18	1952	4975	
Nemaha River	City of Falls City	Falls City	City Supply	Domestic	4.63	22	1	16E	Richardson	Aug.	5	1936	2605	
Nemaha R., N.F.	C. B. & Q. R. R. Co.	Lincoln	Table Rock Pipe Line	Domestic	1.00	33	3	12E	Pawnee	Aug.	8	1922	1687	
Nemaha R., N.F.	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	725	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.	Justin I. Harmon	Salem	Pump	Irrig.	.10	3	1	5E	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., S.F.	M. Ethel Auxier	Dawson	Pump	Irrig.	1.15	4	1	14E	Richardson	Mar.	31	1947	4057	
Nemaha R., Little	J. E. Clarke	Brook	Pumps	Irrig.	1.23	25	6	13E	Nemaha	Nov.	20	1937	2806	
					.74	31	6	14E	Nemaha	Nov.	20	1937	2806	
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	
Walnut Creek	R. P. Kimmel	Nebraska City	Pump	Irrig.	.46	36	9	13E	Otoe	Aug.	27	1936	2625	

Weeping Water Creek	Chas. Gilmore.....	Weeping Water	Gilmore Pond.....	Ice.....	8.00	2	10	11E	Cass.....	Aug.	5	1909	955
Weeping Water Creek	University of Nebraska	Lincoln.....	Pump.....	Irrig.....	.57	35	10	13E	Cass.....	Nov.	27	1936	2664

*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	Provi- sional 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
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.	.68	2	18	5	Boone	Aug.	7	1935		2554
Beaver Creek	Irene Self	Omaha	Pump	Irrig.	.38	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	Ara V. Delarm Estate	Albion	Pump	Irrig.	.27	3	21	7	Boone	Mar.	26	1937		2722
Beaver Creek	State Board of Control	Lincoln	Genoa Hospital Canal	Irrig.	1.28	29	18	4	Nance	Apr.	21	1937		2735
Beaver Creek	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
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	Albion	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	Albion	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
Beaver Creek	Mark Woodworth	Albion	Pump	Irrig.	.14	16	20	6	Boone	Feb.	11	1950	4596

†See appropriations under Mud (Beaver) Creek.

*Application pending.

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

148

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	Floyd Ellis	St. Edward	Pump	Irrig.		17	18	4	Platte	Aug.	2	1952		5003	
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	
Calamus River	Calamus Irrig. District	Harrop	Calamus Canal	Irrig.	121.18	5	24	20	Loup	Oct.	31	1925		1785	
Calamus River	Calamus Irrig. District	Harrop	Calamus Reservoir	Storage	†650 AF	5	24	20	Loup	June	8	1926		1816	
Calamus River	Calamus Irrig. District	Harrop	Calamus Canal	Irrig.	4.86	5	24	20	Loup	Jan.	12	1927		1888	
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	Long Pine	Pumps	Irrig.	1.89	6	25	21	Brown	Feb.	17	1949		4439	
							1	25	22	Brown	Feb.	17	1949		4439
Cedar River	Consumers P. P. Dist.	Columbus	Van Ackeren Plant	Power	290.00	5	18	7	Boone	May	1	1881	1049		
Cedar River (See A-1686)	Consumers P. P. Dist.	Columbus	Fullerton Plant	Power	200.00	11	16	6	Nance	Sept.	9	1901		636	
Cedar River	Consumers P. P. Dist.	Columbus	Ericson Plant	Power	175.00	25	21	12	Wheeler	May	24	1915		1415	
Cedar River	Consumers P. P. Dist.	Columbus	Ericson Plant	Rs. Dam	A-1415	25	21	12	Wheeler	May	17	1929		2081	
Cedar River (See A-636)	Consumers P. P. Dist.	Columbus	Fullerton Plant	Power	250.00	11	16	6	Nance	Aug.	8	1922		1686	
Cedar River	Consumers P. P. Dist.	Columbus	Fullerton Plant	Rs. Dam	A-636	11	16	6	Nance	Jan.	27	1925		1758	
Cedar River	Mrs. Chas. Christensen	Fullerton	Pump	Irrig.	A-1686 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
Cedar River	John C. Haggerty	Spalding	Pump	Irrig.	.30	34	20	9	Boone	Feb.	14	1934	2364
Cedar River	John C. Haggerty	Spalding	Pump	Irrig.	.76	34	20	9	Greeley	May	31	1934	2390
Cedar River	Susan Kinnier, et al	Spalding	Pump	Irrig.	.57	28	20	9	Greeley	July	20	1936	2592
Cedar River	Mary M. Herzinger, et al.	Cedar Rapids	Pump	Irrig.	1.11	25	19	8	Greeley	Aug.	17	1936	2617
Cedar River	W. H. Dobson	Cedar Rapids	Pump	Irrig.	.98	23	19	8	Boone	Feb.	24	1937	2702
Cedar River	Mrs. Anna Batenhorst	Cedar Rapids	Pump	Irrig.	2.00	15	18	7	Boone	Feb.	24	1937	2702R
Cedar River	Laurence W. Hilger	Cedar Rapids	Pump	Irrig.	.30	9	18	7	Boone	Dec.	29	1937	2819
Cedar River	Mary Dodd	Redondabeach	Pump	Irrig.	.79	9	18	7	Boone	Jan.	25	1938	2830
Cedar River	John M. Homan	Cedar Rapids	Pump	Irrig.	.81	9	18	7	Boone	Jan.	25	1938	2830R
Cedar River	Leonard A. Scott	Belgrade	Pump	Irrig.	.89	1	17	7	Boone	Feb.	7	1938	2834
Cedar River	Leah E. Noble	Lincoln	Pump	Irrig.	.49	32	19	7	Nance	Oct.	4	1938	2887
Cedar River	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids	Cedar Valley Canal	Irrig.	5	20	10	7	Boone	Nov.	19	1938	2895
Cedar River	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids	Cedar Valley Canal	Irrig.	5	20	10	8	Greeley	Apr.	24	1939	2916a*
Cedar River	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids	Cedar Valley Canal	Irrig.	22	19	8	8	Greeley	Apr.	24	1939	2916b*
Cedar River	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids	Cedar Valley Reservoir	Storage	4	20	11	8	Boone	Apr.	24	1939	2916c*
Cedar River	Cedar Valley Public Power and Irrig. Dist.	Cedar Rapids	Cedar Valley Reservoir	Storage	4	20	11	8	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	Stanton and Young	Alliance, Ohio	Pumps	Irrig.	.53	29	17	6	Nance	Jan.	8	1940	3071
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	Oct.	24	1940	3309
Cedar River	Brayton F. McKinney	Spalding	Pump No. 1	Irrig.	.50	30	19	7	Boone	Nov.	15	1940	3330
Cedar River	William D. Davis	Primrose	Pump	Irrig.	.69	25	19	8	Boone	Feb.	14	1941	3390
Cedar River	William D. Davis	Primrose	Pump	Irrig.	.69	25	19	8	Boone	Sept.	10	1941	3499

†Reservoir capacity alleged by applicant.

R. Denotes relocation.

*Application pending.

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

150

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	John M. Homan	Cedar Rapids	Pump	Irrig.	.08	9	18	7	Boone	Mar.	11	1942	8559
Cedar River	Magnus A. Diessner	Primrose	Pump	Irrig.	.58	1	19	9	Greeley	Sept.	16	1943	8650
Cedar River	D. C. Thompson	Spalding	Pump	Irrig.	.59	34	20	9	Greeley	Sept.	22	1943	8654
Cedar River	Arend J. Paalman	Cedar Rapids	Pump	Irrig.	.44	22	18	7	Boone	Oct.	20	1943	8660
Cedar River	Mrs. Marie Wise	Houston	Pump	Irrig.	.58	25	19	8	Boone	Nov.	18	1943	8662
Cedar River	H. V. Campbell	Belgrade	Pump	Irrig.	.49	35	18	7	Nance	Feb.	7	1944	8682
Cedar River	Mrs. Fannie Burnside	Belgrade	Pump	Irrig.	.58	22	18	7	Boone	Feb.	10	1944	8685
Cedar River	Mrs. Chas. Zabka	Belgrade	Pump	Irrig.	.24	35	18	7	Nance	Feb.	15	1944	8686
Cedar River	Mrs. Fred G. Walker	Cedar Rapids	Pump	Irrig.	.22	5	18	7	Boone	June	22	1944	8736
Cedar River	Jennie E. Casper	Belgrade	Pump	Irrig.	.22	25	19	8	Boone	July	31	1944	8747
Cedar River	W. H. Dobson	Cedar Rapids	Pump	Irrig.	.46	23	19	8	Boone	Aug.	16	1944	8752
Cedar River	Brayton F. McKinney	Spalding	Pump	Irrig.	.09	30	19	7	Boone	Feb.	6	1945	8807
Cedar River	Fred E. Ewing	Cedar Rapids	Pump	Irrig.	.80	30	19	7	Boone	Feb.	19	1945	8810
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.	.80	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 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	H. C. Groetke	Columbus	Pump	Irrig.		7	19	8	Boone	Apr.	24	1952	4963

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
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	Vansant 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.	23 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,	Mrs. W. M. Welsh	Lincoln	Welsh Reservoir	Storage	†28 AF	36 17 18	Custer	May	2 1941	3437
Ravine, Trib. to										
†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.	.34	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 11 E	Platte	Mar.	5 1941	3408
Cotton Creek	James Olsen	Farwell	Pump	Irrig.	.12	6 14 11	Howard	Oct.	25 1940	3311

†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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Cow Creek	Wm. H. Manning	Cascade	Homestead Canal	Irrig.	2.29	7	26	27	Cherry	July	14	1894	194	
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
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*
Duck Creek	Edward Bartunek	Linwood	Pump	Irrig.	.41	23	17	4E	Butler	Sept.	23	1941		3509
Elm Creek	Wayne E. Stewart	Ord	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.	.81	25	19	14	Valley	Dec.	21	1944		3789
Elm Creek	Elizabeth A. Spelcey	Omaha	Pump	Irrig.		1	18	2	Platte	Apr.	2	1952		4961
Fish Creek	Chris Boilesen	Cotesfield	Pumps	Irrig.	.15	1	16	12	Howard	Dec.	19	1940		3355
						6	16	11	Howard	Dec.	19	1940		3355
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.	6.80	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, 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		897

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	4082*
Ground Water	John Cosner	Sargent	Cosner Well	Irrig.	27	20	18	Custer	June	13	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.	3	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*

*Application pending.

Priority for irrigation wells not established.

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

154

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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 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 E. 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*	
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	4931*	
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. Muhlbach	Ravenna	Muhlbach Well	Irrig.		26	12	14	Buffalo	July	17	1952	4992*	
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	

REPORT OF THE STATE ENGINEER

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	
Loseke Creek	Arthur and Emil Klug	Columbus	Pump	Irrig.	.27	18	18	1E	Platte	Nov.	2	1939	3005	
Lost Creek (Warm Slough)	Fred Kolouch	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	
Loup River	Loup River Public Power District	Columbus	Columbus-Genoa Power Canal	Power	3500.00	6	16	4	Nance	Sept.	15	1932	2287**	

*Application pending.

†Priority for irrigation wells not established.

‡Reservoir capacity alleged by applicant.

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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		\$740*
Loup River	Ernst Luchsinger	Columbus	Columbus-Genoa Canal	Irrig.		16	15	9	Howard	June	28	1944		\$740*
Loup River	Otto Cook	Columbus	Columbus-Genoa Canal	Irrig.	1.23	6	16	4	Nance	June	9	1947		4079
Loup River	Robert Forbes, et al.	Palmer	Pump	Irrig.		6	16	4	Nance	Sept.	8	1948		4340
Loup River, Slough, Trib. to	Helen S. Hunter	Columbus	Pump	Irrig.	3.79	15	15	8	Nance	Oct.	18	1948		4353
					.29	15	17	1	Platte	June	22	1944		\$735
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

Loup R., Middle	John H. Obermiller	Boelus	Pump	Irrig.	.97	28	13	12	Howard	May	7	1980	2139	
Loup R., Middle	Mrs. John Haesler	Loup City	Pump	Irrig.	1.75	13	15	15	Sherman	July	27	1981	2222	
Loup R., Middle	U. S. Forest Service	Halsey	Bessey Nursery Canal	Irrig.	.30	3	22	26	Thomas	July	30	1981	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.	59.60	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.		34	19	17	Custer	Dec.	28	1932	2293R	
Loup R., Middle	William J. Books	Broken Bow	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	†1384	AF	15	21	22	Blaine	Mar.	6	1940	3105

**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 31410.

*Application pending.

R. Denotes relocation.

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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	Saryent	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	3538
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	Oakley, 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
Loup R., Middle.	Ludvik Visek	Comstock	Middle Loup District Canal No. 2	Irrig.	.96	10	19	18	Custer	Oct.	22	1947	4181
Loup R., Middle.	Earl C. Baille	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	4860
Loup R., Middle.	Alvin Christensen	St. Paul	Pump	Irrig.	1.90	25	13	12	Howard	Nov.	24	1948	4375
Loup R., Middle.	Kenneth Purdum	Theford	Pump	Irrig.	.67	31	24	29	Thomas	Dec.	27	1948	4407
Loup R., Middle.	Farwell Irrig. Unit	Dannebrog	Farwell Canal	Irrig.		36	18	17	Custer	Jan.	18	1949	4423*
Loup R., Middle.	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	Theford	Pump	Irrig.	.53	9	23	28	Thomas	Dec.	31	1949	4561
Loup R., Middle.	Robert T. Paul	St. Paul	Pump	Irrig.		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	Theford	Pump	Irrig.		9	23	29	Thomas	June	28	1952	4982
Loup R., Middle.	Loren Brass	Sargent	Pumps	Irrig.		7	19	18	Custer	Aug.	7	1952	5007
Loup R., Middle.	Wendell A. Brass	Sargent	Pump	Irrig.		10	19	18	Custer	Sept.	26	1952	5036
Loup R., Middle.	Ignac Smedra	Rockville	Pump	Irrig.	.41	16	14	14	Sherman	Sept.	30	1946	3971
Loup R., Middle, Slough, Trib. to	Allen White	St. Paul	White Reservoir	Storage	†35 AF	5	14	10	Howard	Oct.	29	1940	3313
Loup R., Middle, Ravine, Trib. to	Silas Ash	Comstock	Middle Loup District Canal No. 1	Irrig.	.84	10	19	18	Custer	Dec.	11	1939	3044R
Loup R., Middle, Springs, Trib. to													

†Reservoir capacity alleged by applicant.

*Application pending.

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	Provi- sional 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, Springs, Trib. to	G. Iver Erikson	Comstock	Pump	Irrig.	.73	15	18	17	Custer	Apr.	17	1944		3714	
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	Jorgensen and Jensen	St. Paul	Pump	Irrig.	.83	16	15	10	Howard	Nov.	26	1930		2178	
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		2486	
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	Jas. H. Pemberton Estate	Palmer	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.	13.65	10	22	20	Loup	Apr.	29	1938	2868
Loup R., North	C. L. Britton, et al	Burwell	Almeria Canal	Irrig.	6.46	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	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

**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.

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
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	3823	
Loup R., North	Kit J. Carson	Ord	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	Clayton D. Noll	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	Ord	Taylor-Ord Canal	Irrig.		18	13	21	Loup	Oct.	11	1946	3980a*	
	Public Power and Irrig. District		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*	
Loup R., North	North Loup River	Ord	Taylor-Ord Canal	Irrig.		18	13	21	Loup	Oct.	11	1946	3982a*	
	Public Power and Irrig. District		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.	.33	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 Jrzenski	St. Paul	Pump	Irrig.	.78	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	4623	
Loup R., North	Louie W. Nelson	St. Paul	Pump	Irrig.	.90	14	15	10	Howard	July	13	1951	4890	
Loup R., North	Donald L. Jacobsen	St. Paul	Pump	Irrig.		23	15	10	Howard	July	5	1952	4984	

Loup R., North	H. J. Williams	Burwell	Pump	Irrig.	14	21	16	Garfield	Aug.	20	1952	5014	
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	28	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	E. J. Boblitz	Oconto	Boblitz Canal	Irrig.	.50	10	14	21	Custer	Jan.	17	1895	219a
Loup R., South	E. J. Boblitz	Oconto	Boblitz Canal	Power	20.00	10	14	21	Custer	Jan.	17	1895	219b
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	1398
Loup R., South	Central Power Co.	Grand Island	Grand Island Plant	Power	840.00	85	13	12	Howard	Jan.	18	1915	1400
Loup R., South	Mrs. Ethel Perkins	Arnold	Perkins Canal	Irrig.	3.77	25	17	25	Custer	Mar.	30	1928	1994
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
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. Harlan 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

*Application pending.

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

164

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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., 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	Lige L. Eggleston	Oconto	Pump	Irrig.	.55	14	14	21	Custer	Sept.	1	1943	3637
Loup R., South	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Cumro Reservoir	Storage		22	13	19	Custer	Jan.	6	1947	4018*
Loup R., South	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.		13	16	24	Custer	July	25	1952	4997
Loup R., South	Francis Pandorf	Callaway	Pump	Irrig.		12	16	24	Custer	July	25	1952	4998
Loup R., South	Glenn Thomas	Eddyville	Pump	Irrig.		28	14	20	Custer	Sept.	23	1952	5031*
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 Dam	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 Reservoir	Carl C. Rasmussen	North Loup	Pump	Irrig.		26	18	13	Valley	Mar.	8	1916	1239
Morris Reservoir	E. O. Morris	Ansley	Morris Canal	Irrig.		9	15	18	Custer	Feb.	18	1941	3395

REPORT OF THE STATE ENGINEER

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	Custer	Aug.	14	1894	215
Mud (Beaver) Cr.	C. B. & Q. R. R. Co.	Lincoln	Ravenna Pipe Line	Domestic	1.00	8	12	Buffalo	July	26	1919	1550
Mud (Beaver) Cr.	J. R. Lang	Litchfield	Pump	Irrig.	1.21	13	14	Custer	Aug.	20	1926	1848
Mud (Beaver) Cr.	Skochochople and Stark	Ravenna	Pump	Irrig.	.48	1	12	Buffalo	Nov.	8	1926	1871
					1.62	12	12	Buffalo	Nov.	8	1926	1871
Mud (Beaver) Cr.	Otis N. Wilson	Litchfield	Pump	Irrig.	.51	14	14	Custer	Dec.	10	1926	1879
Mud (Beaver) Cr.	J. A. Vansant	Broken Bow	Pump	Irrig.	.27	33	17	Custer	Dec.	13	1926	1880
Mud (Beaver) Cr.	U. Sorensen	Berwyn	Pump	Irrig.	1.00	21	16	Custer	Jan.	14	1927	1884
Mud (Beaver) Cr.	C. D. Willoughby	Mason City	Pump	Irrig.	1.10	34	15	Custer	Feb.	8	1927	1896
Mud (Beaver) Cr.	Geo. J. Yanda	Ravenna	Pumps	Irrig.	.90	8	12	Buffalo	Apr.	4	1927	1920
Mud (Beaver) Cr.	R. H. Duke, et al.	Mason City	Pump	Irrig.	2.41	31	15	Custer	Nov.	10	1928	2051
Mud (Beaver) Cr.	Cline E. Millsap	Broken Bow	Pump	Irrig.	.47	18	16	Custer	Jan.	3	1929	2059
Mud (Beaver) Cr.	Delmar Edson	Mason City	Pump	Irrig.	.13	32	15	Custer	Apr.	23	1929	2079
Mud (Beaver) Cr.	E. A. Slote	Litchfield	Pump	Irrig.	.64	33	14	Sherman	May	31	1934	2391
Mud (Beaver) Cr.	Albin A. Schroll	Litchfield	Pump	Irrig.	.71	19	14	Sherman	July	13	1934	2423
Mud (Beaver) Cr.	James R. Lang, Jr.	Litchfield	Pump	Irrig.	1.25	13	14	Custer	July	27	1934	2445
Mud (Beaver) Cr.	Robinson and Wilke	Ravenna	Pump	Irrig.	1.26	4	12	Buffalo	Aug.	16	1934	2464
Mud (Beaver) Cr.	John J. Perry	Sweetwater	Pump	Irrig.	.47	8	12	Buffalo	Aug.	21	1936	2620
Mud (Beaver) Cr.	Rollie Amsberry	Ansley	Pump	Irrig.	.22	22	15	Custer	Jan.	26	1937	2684
Mud (Beaver) Cr.	Viola E. Amsberry, et al.	Mason City	Pump	Irrig.	.56	23	15	Custer	Sept.	18	1937	2789
Mud (Beaver) Cr.	John Hall	Ansley	Pump	Irrig.	.54	15	15	Custer	Oct.	1	1937	2792
Mud (Beaver) Cr.	C. E. Lang	Litchfield	Pump	Irrig.	1.15	19	14	Sherman	Oct.	4	1937	2793
Mud (Beaver) Cr.	Violet V. Luther	Mason City	Pump	Irrig.	.39	25	15	Custer	Oct.	4	1937	2794
Mud (Beaver) Cr.	Roy J. Banning	Mason City	Pump	Irrig.	.40	33	15	Custer	Nov.	5	1937	2800
Mud (Beaver) Cr.	Lyman West and Mrs. Theo. Schumacher	Mason City Lincoln	Pump	Irrig.	.84	23	15	Custer	Nov.	16	1937	2802

*Application pending, or claim not adjudicated,

†Reservoir capacity alleged by applicant,

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	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.	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	84	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.	Charles Givens	Litchfield	Pump	Irrig.	.40	35	14	16	Sherman	Jan.	2	1941		3361
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.	18	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

BUREAU OF IRRIGATION

Mud (Beaver) Cr.	Howard B. Stevens	Broken Bow	Pump	Irrig.	.44	85	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	Burwell	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.	.33	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	Burwell	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	3832
Mud (Beaver) Cr.	Floyd H. Capellen	Hazard	Pump	Irrig.	.44	13	13	16	Sherman	Mar.	11	1946	3833
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
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.	23	1947	4053
Mud (Beaver) Cr.	Tobias Reinertson	Hazard	Pump	Irrig.	.45	19	13	15	Sherman	Nov.	1	1947	4133
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	4283
Mud (Beaver) Cr.	A. G. Engelman	Litchfield	Pump	Irrig.	1.00	20	14	16	Sherman	Mar.	2	1949	4442
Mud (Beaver) Cr.	Jess Powell	Litchfield	Pump	Irrig.		33	14	16	Sherman	July	21	1949	4489*
Mud (Beaver) Cr.	Floyd Quail	Miller	Pump	Irrig.	.53	28	13	15	Sherman	May	17	1950	4682
Mud (Beaver) Cr.	Dillan and Combs	North Platte	Pump	Irrig.		30	15	17	Custer	July	12	1952	4986
Mud (Beaver) Cr.	E. O. Morris	Ansley	Morris Reservoir	Storage	†18 AF	9	15	18	Custer	Feb.	18	1941	3394
	Ravine, Trib. to												

*Application pending.

†Reservoir capacity alleged by applicant.

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

168

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Priority Date of			No. Doc.	No. App.
						S	T	R	County	Mo.	D			Yr.
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	A. N. Gerhold	Columbus	Pump	Irrig.	.93	3	17	2	Platte	Mar.	8	1945	3813
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
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. Arnold	Callaway	Pump	Irrig.	.24	10	15	23	Custer	Feb.	21	1916	1447

REPORT OF THE STATE ENGINEER

Sand Creek	R. E. Brega	Callaway	Pump	Irrig.	.12	11	15	23	Custer	Feb.	25	1946	8875
Sand Creek, Ravine, Trib. to	R. A. Eaton	Pleasanton	Eaton Reservoir	Storage	†29 AF	5	11	15	Buffalo	Oct.	18	1944	3776
Shady Lake	Adam Smith Estate	Columbus	Pump	Irrig.	1.66	15	17	1	Platte	Feb.	2	1939	2907
Shell Creek	Schmitt Bros.	Columbus	Schmitt Canal	Irrig.	2.29	19	18	1E	Platte	Dec.	17	1894	292a
Shell Creek	Schmitt Bros.	Columbus	Schmitt Canal	Power	80.50	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.	.27	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

†Reservoir capacity alleged by applicant.

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Shell Creek	Anton Mastny, Sr., Est.	Schuyler	Pump	Irrig.	.90	35	18	3E	Colfax	Jan.	20	1940	8080
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	1E	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	Frank J. Krivohlavek	Schuyler	Pump	Irrig.		2	17	3E	Colfax	Aug.	4	1952	5006
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	1857
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	30	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
Timber Creek	Werner Hellbusch	Belgrade	Pumps	Irrig.	2.12	21	17	7	Nance	Feb.	8	1951	4796
Timber Creek	Nellie Crouse	Belgrade	Pump	Irrig.		31	17	6	Nance	Aug.	2	1952	5004

Timber Creek	Mrs. Flora Palmer	Fullerton	Pump	Irrig.		25	17	7	Nance	Sept.	5	1952	6022
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.	†30 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
Victoria Creek	Victoria Ditch Ass'n.	Broken Bow	Victoria Canal No. 2	Irrig.	8.88	1	19	21	Custer	July	17	1894	213
Victoria Creek	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	1848
Victoria Creek	Victoria Ditch Ass'n.	Broken Bow	Victoria Canal No. 2	Irrig.	1.01	1	19	21	Custer	Aug.	12	1926	1845
Victoria Creek	Chas. McGraw	Broken Bow	McGraw Canal	Irrig.	2.95	6	19	20	Custer	Aug.	12	1926	1845
Victoria Creek	Chas. McGraw	Broken Bow	McGraw Canal	Irrig.	2.86	6	19	20	Custer	July	23	1927	1945
Victoria Creek	Chas. McGraw	Broken Bow	Pump	Irrig.	.80	6	19	20	Custer	Aug.	6	1928	2023
Victoria Creek	Willie D. Christen	Anselmo	Pumps	Irrig.	1.75	16	19	21	Custer	June	4	1934	2398
Wagner Creek	Joseph Leul	Comstock	Pump	Irrig.	.32	3	18	17	Custer	Nov.	26	1948	4377
Wagner Creek	Joseph Leul	Comstock	Pump	Irrig.	.21	11	18	17	Custer	July	18	1939	2935
Wagner Creek	Joseph Leul	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	18	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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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
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
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
Cedar Creek	Herman Carlson	Elgin	Pump	Irrig.	.15	8	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.	.28	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	
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.	26	1940	3275	
Clearwater Creek	Alfred Lund	Clearwater	Pump	Irrig.	.40	6	25	7	Antelope	Mar.	4	1944	3694	
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 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 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	
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.	5.00	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	1773	
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	2680	

†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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			County	Date of Priority			Doc. No.	App. No.
						S	T	R		Mo.	D	Yr.		
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	8	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	8	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, 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.	.80	2	24	6	Antelope	July	27	1949		4493

Elkhorn R., N.F.	Norfolk Cereal Flour Mills	Norfolk	Norfolk Cereal and Flour Mills	Power	100.00	23	24	1	Madison	Mar.	1	1870	996	
Elkhorn R., N.F.	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.	C. H. Chilvers	Pierce	Pumps	Irrig.	5.91	9	26	2	Pierce	July	14	1936		2588
and Dry Creek														
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	Irrig.	.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.	3	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

*Application pending.

†Reservoir capacity alleged by applicant.

R. Denotes relocation.

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

176

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Flkhorn 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
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*
Holt Creek	F. D. Schermerhorn	Omaha	Schermerhorn Canal	Irrig.	1.89	5	28	13	Holt	May	9	1941		3441
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 Est.	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	Lawrence H. and Christof Meyer	Hooper	Pump	Irrig.	1.41	16	20	8E	Dodge	July	24	1936		2595

REPORT OF THE STATE ENGINEER

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 Hoergmeyer	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.	23	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
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.	1.78	23	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

Priority for irrigation wells not established.

*Application pending.

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

178

Source	Appropriator or Operator	Carrier	Use to which Applied	Provi- sional 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 (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	18	28	3E	Cedar	Sept.	22	1947	4117
Logan Creek	Lawrence H. Meyer	Hooper	Pump	Irrig.	1.35	16	20	8E	Dodge	Mar.	16	1948	4283
Logan Creek	Arvid N. Peterson	Laurel	Pump	Irrig.	.43	19	28	4E	Dixon	Apr.	13	1948	4244
Logan Creek	Floyd Carey	Bancroft	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
Maple Creek	Howard J. Luther	Nickerson	Pump	Irrig.	2.72	10	18	8E	Dodge	Dec.	19	1934	2500
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

REPORT OF THE STATE ENGINEER

Middle Creek	Robert Malone	Lincoln	Ice Plant	Ice	10.00	30	10	6E	Lancaster	Dec.	26	1907	888
Middle Creek	Claude B. Ivers	Lincoln	Pump	Irrig.	.26	28	10	6E	Lancaster	Jan.	7	1938	2823
Middle Creek	Richard J. Lilly	Lincoln	Pump	Irrig.	.73	28	10	6E	Lancaster	Dec.	26	1939	3068
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
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	2182
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
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

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
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	18	6E	Saunders	Nov.	27	1939	8031	
Rock Creek	Ernest Brauckmuller	Waverly	Pump	Irrig.	.31	84	12	8E	Lancaster	Nov.	8	1947	4139	
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		82	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, 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	†2.25	AF	22	15	7E	Saunders	Aug.	1	1934	2452
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	18	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	14	8E	Saunders	June	23	1950	4713	

Springs	Newton Land Co.	Omaha	Spring Branch Canal	Irrig.	.07	13	14	13E	Sarpy	June	18	1896	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.		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	
Union and Taylor Creeks	Brechler and Neeley	Madison	Union Valley Roller Mills	Power		82	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.	13	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.	1.63	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	Chas. H. Jacobsen	Omaha	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	De Smet, S. D.	Pump	Irrig.	.89	35	21	2	Madison	Dec.	19	1939	3062	
Union Creek	Daisy A. Mortimer	Compton, Cal.												
Union Creek	J. E. Martin, et al	Madison	Pump	Irrig.	.07	1	21	1	Madison	May	2	1940	3146	
Wahoo Creek	Wahoo Hunting Club	Lincoln	Ayr Lake	Resort.	†60	AF	28	13	9E	Saunders	Dec.	30	1930	2184

†Reservoir capacity alleged by applicant.

*Claim not adjudicated.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Wahoo Creek	Herman Treptow	Ithaca	Pumps	Irrig.	1.43	20	14	8E	Saunders	July	25	1984	2444	
Wahoo Creek	Antonie Ludvik	Wahoo	Pump	Irrig.	.96	29	14	8E	Saunders	Aug.	15	1984	2463	
Wahoo Creek	Joe L. Lanik	Wahoo	Pump	Irrig.	.64	8	14	7E	Saunders	May	6	1940	3150	
Walz Lake	Dorothy C. Walz	Battle Creek	Pump	Irrig.	.17	22	24	3	Madison	Mar.	8	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	†8	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 pending.

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of 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. Louke	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, Cal.	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, Cal.	Tryon Reservoir	Storage		12	32	41	Sheridan	Aug.	11	1952	5011
Ashburn Creek	W. H. Zilmer	Valentine	Ashburn Canal	Irrig.	.43	27	34	26	Cherry	June	17	1902	676
Bear Creek	Thomas Skinner	Springview	Skinner Canal	Irrig.	.23	15	32	21	Keya Paha	June	20	1898	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 in Keya Paha County is a different stream than Bear Creek in Cherry County.

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

184

Source	Appropriator or Operator	Post Office	Operator	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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	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	18	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.	.18	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	Game, Forestation and Parks Commission	Lincoln	Cottonwood Lake	Fish		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

REPORT OF THE STATE ENGINEER

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	
Box Butte Creek	Wm. Sandoz	Marsland	Billys Canal	Irrig.	.21	29	29	45	Sheridan	Jan.	13	1900	583	
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
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, Trib. to	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	
Coon Creek (See Laughing* Water Creek)	J. R. Leonard Estate	Bassett	Pump	Irrig.	1.00	24	32	19	Rock	Aug.	17	1933	2344	

‡Bear Creek in Keya Paha County is a different stream than Bear Creek in Cherry County.

R. Denotes relocation.

*Application pending.

†Reservoir capacity alleged by applicant.

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

186

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	J. R. Leonard Estate	Bassett	J. R. Leonard Canal	Irrig.	1.14	24	82	19	Rock	Oct.	19	1940	8801
Coon Creek	Joe Hughes	Bassett	Hughes Canal	Irrig.	.06	25	82	19	Rock	Oct.	21	1940	8802
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	536
Cottonwood Creek	Hugo Lichte	Chadron	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	1984	2418
Coyote Springs	Claude R. Watson	Mitchell	Coyote Spring Reservoir	Storage	†15 AF	16	27	54	Sioux	Apr.	1	1986	2572
Coyote Springs Reservoir	Claude R. Watson	Mitchell	Coyote Springs Canal	Stor-only		16	27	54	Sioux	Apr.	1	1986	2579
Crooked Creek	Otto Mutz	Springview	Mutz Canal	Power	8.00	20	84	19	Keya Paha	Dec.	31	1889	608a
Crooked Creek	Otto Mutz	Springview	Mutz Canal	Irrig.	1.00	20	84	19	Keya Paha	June	30	1895	608b
Cross Creek	W. H. Hutchinson	Norden	Hutchinson Canal	Irrig.	.21	8	83	24	Keya Paha	Sept.	1	1888	615
Cub Creek	Tissue and Patterson	Springview	Tissue-Patterson Canal	Irrig.	.08	16	83	22	Keya Paha	June	30	1894	618
Cub Creek	S. Josiassin	Meadville	McComber Canal	Irrig.	.10	28	83	22	Keya Paha	Aug.	15	1894	589
Deer Creek	Stansbie and Engel Company, Inc.	Hyannis	Pump	Irrig.	1.85	5	29	42	Sheridan	Apr.	19	1949	4466
Dry Creek	Chris Christensen	Merriman	Dry Creek Canal	Irrig.	.41	18	84	38	Cherry	July	8	1935	2552
Dry Creek	Grace E. Moreland	Merriman	Moreland Canal	Irrig.	.98	16	84	37	Cherry	May	22	1937	2745
Dry Creek	Game, Forestation and Parks Commission	Lincoln	Cottonwood Lake	Fish		16	84	37	Cherry	Feb.	26	1942	3555*
Eagle Creek	Wm. Bokhof	Atkinson	Bokhof Canal	Irrig.	2.86	6	80	18	Holt	Sept.	18	1894	275
Eagle Creek	J. A. Robertson	Atkinson	Eagle Valley Canal	Irrig.	2.29	1	80	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
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*

†Reservoir capacity alleged by applicant.

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

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
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	64	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	64	Sioux	May	7	1952	4967*
Ground Water	Frank Dee	Hemingford	Dee Well	Irrig.		12	27	49	Box Butte	Sept.	25	1952	5084*
Ground Water	Harold N. Jessen	Ainsworth	Jessen Well	Irrig.		18	30	22	Brown	Sept.	25	1952	5085*
Hay Creek	Louis E. Laughlin	Cody	Johnson Canal	Irrig.	.50	19	35	34	Cherry	June	21	1940	8187
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	Pump	Irrig.		27	35	34	Cherry	Sept.	10	1952	5023
Hay Springs Cr.	Barnes and Phillips	Hay Springs	Barnes-Phillips Reservoir	Storage	†12 AF	8	31	46	Sheridan	Apr.	15	1935	2539
Hay Springs Cr.	Game, Forestation and Parks Commission	Lincoln	Walgren Lake	Fish	†1280 AF	29	31	45	Sheridan	May	20	1935	2549
Hay Springs Cr., North Branch	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	134	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
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
Horse Shoe Lake, Drain Ditch	Game, Forestation and Parks Commission	Lincoln	Shell Lake	Fish	†800 AF	21	34	40	Cherry	June	14 1940	3180
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
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
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

*Application pending.

Priority for irrigation wells not established.

†Reservoir capacity alleged by applicant.

Supp. S. Denotes additional storage water.

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

190

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
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, 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		2168
Meglin Creek	Clarence H. Kibby	Naper	Kibby Reservoir	Storage	†15 AF	21	34	16	Boyd	June	14	1949		4481
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	618	
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
Minnehaduzo Cr.	Consumers P. P. Dist.	Columbus	Pierce Milling Plant	Power	35.00	30	34	27	Cherry	Sept.	12	1896		859
Minnehaduzo Cr.	City of Valentine	Valentine	Valentine Plant	Power	40.00	29	34	27	Cherry	Apr.	16	1913		1279
Minnehaduzo Cr.	Village of Crookston	Crookston	Community Lake	Resort	†27 AF	7	34	29	Cherry	Dec.	13	1935		2568
Minnehaduzo Cr.	Game, Forestation and Parks Commission	Lincoln	Valentine Lake	Fish	†98 AF	30	34	27	Cherry	July	15	1938		2878
Minnehaduzo Cr. Ravine, Trib. to	Henry A. Fox	Kilgore	Fox Reservoir No. 4	Storage	†14 AF	1	34	31	Cherry	Nov.	21	1949		4533
Minnehaduzo Cr. Ravine, Trib. to	Henry A. Fox	Kilgore	Fox Reservoir No. 2	Storage	†24 AF	1	34	31	Cherry	Nov.	21	1949		4534
Newman Creek	Philo Newman	Norden	Newman Canal	Irrig.	.21	17	33	24	Keya Paha	July	1	1888	617	

Niobrara River	Mrs. Wiley Richardson	Harrison	Lokotah 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
Niobrara River	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
Niobrara River	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	Willie 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	Carnes	McCully Canal	Irrig.	8.57	25	32	20	Keya Paha	Aug.	7	1894	533
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	43	Dawes	Jan.	24	1895	479
Niobrara River	Hannah Warneke	Omaha	Warneke Canal	Irrig.	1.57	27	31	57	Sioux	Feb.	13	1895	505

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

†Reservoir capacity alleged by applicant.

R. Denotes relocation.

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

192

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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	J. H. Cook	Agate	McGinley-Stover Upper Canal	Irrig.	2.86	23	29	56	Sioux	Feb.	25	1895	621	
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	George Sandoz, et al	Milan, Minn.	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.	.43	27	29	48	Dawes	Sept.	27	1900		575
Niobrara River	Elizabeth Montague	Hemingford	Chladek Canal	Irrig.	.30	26	29	48	Dawes	Mar.	18	1901		607
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
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

REPORT OF THE STATE ENGINEER

Niobrara River	Henrietta Sparks	Bellevue	Lichte Canal	Irrig.	.71	27	29	48	Dawes	Apr.	19	1911	1088
Niobrara River	Charles G. 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	Ether N. Bushnell	Alliance	Geo. Hitzew Canal	Irrig.	6.00	6	28	52	Box Butte	Feb.	17	1913	1260
Niobrara River	Joe Nunn	Artesia, N. M.	Coffee Canal No. 3	Irrig.	2.50	15	29	56	Sioux	Mar.	24	1914	1362
	Peter Nunn	Harrison											
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	Consumers P. P. Dist.	Columbus	Northern Neb. Plant No. 1	Power	1450.00	30	33	11	Boyd-Holt	Oct.	30	1923	1725
	(See A-3574)												
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. Huckle	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. Iodence	Hemingford	Lichte Canal	Irrig.	2.95	27	29	48	Dawes	Mar.	2	1935	2523
Niobrara River	J. N. Johndreau Estate	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

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

194

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional 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 (See A-3456)	U. S. Bureau of Reclamation	Denver, Colo.	Box Butte Reservoir	Storage	†15,000	28	29	49	Dawes	Mar.	6	1937	2709a
Niobrara River	Hugo Lichte	Chadron	Montague Canal	Irrig.	AF	33	29	49	Dawes	Mar.	6	1937	2709a
Niobrara River	Chas G. Iodence	Hemingford	Lichte Canal	Irrig.	.29	27	29	48	Dawes	June	14	1937	2754
Niobrara River	Chas G. Iodence	Hemingford	Pump	Irrig.	1.46	27	29	48	Dawes	Feb.	11	1938	2837
Niobrara River	Vac C. Liska	Niobrara	Pump	Irrig.	1.64	26	29	48	Dawes	Feb.	11	1938	2838
Niobrara River	Charles S. Dalton, et al.	Niobrara	Pump	Irrig.	.35	17	32	6	Knox	June	19	1939	2930
Niobrara River	G. E. Bauder	Lewiston, Ida.	Pump	Irrig.	15.47	2	31	7	Knox	Sept.	21	1939	2968
Niobrara River	Fred Hrbek	Monowi	Pump	Irrig.	1.54	29	33	37	Cherry	Feb.	27	1941	3404
Niobrara River (See A-2709a)	U. S. Bureau of Reclamation	Denver, Colo.	Box Butte Reservoir	Storage	.03	2	32	9	Boyd	June	12	1941	3449
Niobrara River (A-1725)	Consumers P. P. Dist.	Columbus	Northern Nebraska Plant No. 1	Power	†32,670	28	29	49	Dawes	June	24	1941	3456
Niobrara River	Chas. G. Iodence	Hemingford	Lichte Canal	Irrig.	AF	33	29	49	Dawes	June	24	1941	3456
Niobrara River	U. S. Bureau of Reclamation	Denver, Colo.	Mirage Flats Canal	Irrig.	550.00	30	33	11	Boyd-Holt	June	8	1942	3574
Niobrara River	H. G. Furman	Marsland	Pioneer Canal No. 2	Irrig.	.66	27	29	48	Dawes	Dec.	28	1942	3592
Niobrara River	Montague and Sparks	Hemingford	Montague Canal	Irrig.	40.46	26	29	48	Sheridan	May	18	1944	3729
Niobrara River	Joe J. Connot	Valentine	Pump	Irrig.	.78	36	29	51	Dawes	Mar.	8	1945	3812
Niobrara River	Joe J. Connot	Valentine	Pump	Irrig.	.60	27	29	48	Dawes	July	11	1946	3923
Niobrara River	Rosa Moosman	Valentine	Pump	Irrig.	.53	22	34	26	Cherry	Dec.	23	1948	4406
Niobrara River	H. G. Furman	Marsland	Pioneer Canal No. 3	Irrig.	.57	21	34	26	Cherry	June	2	1949	4476
Niobrara River	A. Allen Parker	Gordon	Pump	Irrig.	.96	25	33	29	Cherry	Jan.	3	1950	4562
Niobrara River	Peter Weyers	Hay Springs	Pump	Irrig.	.21	30	29	50	Dawes	Feb.	16	1950	4599
Niobrara River	Monahan Cattle Co.	Hyannis	Pump	Irrig.	1.79	18	31	41	Sheridan	Feb.	23	1950	4603
Niobrara River	Esther N. Bushnell	Alliance	Hitshew Canal No. 2	Irrig.	.71	11	29	45	Sheridan	July	1	1950	4717
Niobrara River	L. Homrighausen	Marsland	Pump	Irrig.	8.15	5	28	51	Box Butte	Oct.	19	1950	4758
					.60	6	28	52	Box Butte	May	17	1951	4862
					2.50	9	28	52	Box Butte	June	4	1951	4869

BUREAU OF IRRIGATION

Niobrara River.....	Furman and Furman.....	Marsland.....	North Pioneer Canal.....	Irrig.....		36|29|51	Dawes.....	Aug.	11|1952|	5010
Niobrara River.....	Leo Furman.....	Rushville.....	Pump.....	Irrig.....		36|31|43	Sheridan.....	Aug.	11|1952|	5018
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	John L. 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

†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	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
§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	J. Van Koten	Springview	Van Koten Canal	Irrig.	.07	25	33	22	Keya Paha	Jan.	1	1886	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.		35	31	43	Sheridan	Aug.	11	1952	5012
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
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
§Spring Creek	A. K. Kuskie	Sparks	Garden Canal	Irrig.	.09	27	34	25	Cherry	Mar.	30	1900	555
§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.	8.37	27	30	45	Sheridan	Aug.	28	1950	4741

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
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	38	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, East	Game, Forestation and Parks Commission	Lincoln	Grove Lake Reservoir	Storage		22	28	7	Antelope	Jan.	2	1952	4928*
Verdigre Creek, Ravine, Trib. to	Creighton Rod and Gun Club	Creighton	Rod and Gun Club Reservoir	Storage	†62 AF	1	28	7	Antelope	July	12	1946	3926
Verdigre Creek, Springs, Trib. to	Lydia O. Backers	North Platte	Backers Canal	Irrig.	5.94	15	29	9	Holt	June	15	1942	3577
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	John L. Wilson, et al	Harrison	Wilson Canal	Stor-only		27	33	57	Sioux	Nov.	26	1940	3490

†Rock Creek in Rock County is a different stream than Rock Creek in Keya Paha County.

‡Reservoir capacity alleged by applicant.

‡Each Spring Creek is a different stream.

*Application pending.

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of			Date of			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Ash Creek	W. D. Connell	Whitney	Connell Canal	Irrig.	.63	6	32	50	Dawes	June	17	1898	459
Ash Creek	Gregory R. Cripps	Whitney	Cripps Canal	Irrig.	1.14	13	32	51	Dawes	Dec.	26	1903	735
Ash Creek	W. C. Howard	Whitney	Cripps Canal	Irrig.	.57	13	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.	13	1940	3117
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	Stumph Canal	Irrig.	1.00	32	32	50	Dawes	May	31	1880	447R
Ash Creek, East	Lewis Edgar Sprague Est. and Royce Hamm	Chadron	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	1023 1/2
Ash Creek, East	Royce Hamm	Whitney	Ox Yoke-Stumph Canal	Irrig.		31	32	50	Dawes				1051*
Ash Creek, East	Orville R. Ivins	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	Lewis Edgar Sprague, et al	Chadron	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, 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 pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
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	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	
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	A. W. Rickman	Chadron	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	Tulloss Lake	Fish	†4	AF	3	32	46	Sheridan	May	22	1930	2141
Beaver Creek	Lester A. Lundy	Hay Springs	Lundy Reservoir	Storage	†222	AF	83	34	46	Sheridan	Feb.	27	1950	4608
Beaver Creek	Harry E. Reeves	Chadron	Pumps	Irrig.	1.53	28	34	46	Sheridan	Jan.	15	1962	4932	
Beaver Creek, Lit.	Harry E. Reeves	Chadron	Pump	Irrig.	2.14	28	34	46	Sheridan	Jan.	15	1952	4933	
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.	1.28	23	33	48	Dawes	Apr.	11 1946	3891
Bordeaux, Big	Richard S. McHenry	Chadron	Pump	Irrig.		10	33	48	Dawes	June	23 1952	4977
Bordeaux, Big	Mrs. Minnie Pinkerton	Chadron	Pump	Irrig.		15	33	48	Dawes	Aug.	11 1952	5008
Bordeaux, Big, Ravine, Trib. to	Henry Spalding	Chadron	Pine Springs Reservoir	Domestic	†2 AF	23	32	48	Dawes	Nov.	3 1950	4761
Bordeaux, Little	Elwin Schmidt	Crawford	Hartzell Canal	Irrig.	.57	18	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 1923	2007
Chadron Creek	Warren McMeekin	Chadron	McMeekin Canal	Irrig.	.74	22	33	49	Dawes	Dec.	20 1949	4552
Chadron Creek Ravine, Trib. to	Walter Mayfield	Chadron	Mayfield Reservoir	Storage	†73 AF	23	33	49	Dawes	Oct.	19 1949	4526
Charcoal Creek	Ralph R. Randol	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
Cottonwood, Big, Ravine, Trib. to	Bernard Norman	Crawford	Norman Reservoir	Storage		2	33	53	Sioux	July	6 1942	3580
Cottonwood, Big, Ravine, Trib. to	Tom Moody	Crawford	Moody (North Draw) Reservoir No. 2	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		29	34	52	Dawes	Sept.	26 1952	5037*

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
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	B. A. Geiser	Chadron	Geiser Canal	Irrig.	.16	17	32	49	Dawes	Mar.	18	1902		658	
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 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	1671	
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	Stewart Reservoir	Supp. S.	†988	AF	23	33	51	Dawes	Aug.	11	1936	2608
Dry Creek	Whitney Irrig. District	Crawford	Baldwin Reservoir	Supp. S.	†332	AF	18	33	50	Dawes	Aug.	11	1936	2608
Dry Draw	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.	13	1914	1345	
Dry Run	Harrison and Weston	Whitney	Harsh-Weston Canal	Irrig.	3.00	31	34	51	Dawes	Mar.	11	1914	1361	
English Creek	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	

R. Denotes relocation.

Supp. S. Denotes additional storage water.

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

*Application pending.

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	Provi- sional Grant i Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ground Water	Tom Poole	Bridgeport	Poole Well	Irrig.		25	29	51	Dawes	June	23	1950		4714*
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	Scott and Steenburg	Aurora	Alcorn Reservoir	Storage	1.21	31	32	51	Dawes	Nov.	17	1905		803
Hooker Creek	Scott and Steenburg	Aurora	Alcorn Canal	Irrig.		31	32	51	Dawes	Nov.	17	1905		803
Hooker Creek	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		1669
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. Supp. I.	D-447R A-493	30	32	50	Dawes	Oct.	30	1950		4948
Larabee Creek	Clarence O. Sawyer	Rushville	Larabee Canal	Irrig.	1.12	6	34	44	Sheridan	Apr.	14	1931		2197

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.		6	34	44	Sheridan	Jan.	19	1952	4936a*
Lone Tree Creek	Joe H. McMeekin	Crawford	McMeekin Reservoir	Storage		14	34	52	Dawes	July	5	1952	4985
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
Messenger Creek, Ravine, Trib. to	Glenn Snook	Wayside	Snook Reservoir	Storage	†30 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
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	Irrig.		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

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 pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
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.	8	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	A	F	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		8417	
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		4782	
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	478	
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.	.48	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
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		1182
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	
Trunk Butte Cr.	John J. Chaulk	Chadron	Chaulk Canal	Irrig.	3.00	25	33	50	Dawes	Mar.	13 1915		1406
‡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	Hazleton Canal	Irrig.	.87	13	31	52	Dawes	May	15 1894	475	
White Clay Creek (See White R.)	White River Irrig. Co.	Crawford	White River Canal	Irrig.	1.00	34	32	52	Dawes	Dec.	31 1894	477	
White Clay Creek	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	Handachugel Lake	Storage	†150 AF	11	31	52	Dawes	Dec.	17 1915		1441

*Application pending.

†Reservoir capacity alleged by applicant.

O.D. Denotes optional diversion.

R. Denotes relocation.

‡White Clay Creek in Dawes County is a different stream than White Clay in Sheridan County.

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

208

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Dam Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
White Clay Creek.	Mrs. Effie McDowell	Crawford	Cooper Reservoir	Fish	†30	A	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.	.38	36	35	45	Sheridan	Mar.	26	1934		2369
White Clay Creek.	H. M. Hotz	Rushville	Pump	Irrig.		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.		6	34	44	Sheridan	Jan.	19	1952		4936b*
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	Henry Clay Morris	Chadron	Schwabe Canal	Irrig.	3.43	31	34	48	Dawes	July	23	1908		908
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	750 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	†10000 AF	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	60	Dawes	Oct.	18 1928	2046
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	Whitney Irrigation Dist.	Crawford	Stewart and Baldwin Reservoirs	Supp. S.	A-2608	26	32	52	Dawes	Aug.	11 1936	2609
(See Dry Cr.)												
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	†18 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.		26	34	49	Dawes	June	30 1952	4983
White River,	Floyd Wright	Whitney	Wright Reservoir	Storage	†18 AF	10	32	51	Dawes	Apr.	8 1946	3889
Ravine, Trib. to												
White River,	Louis Bauer	Crawford	Bauer Reservoir	Storage	†96 AF	10	34	51	Dawes	Dec.	21 1949	4553
Ravine, Trib. to												
White River,	Gus Benthack	Chadron	Benthack Reservoir	Storage	†13 AF	5	33	49	Dawes	May	12 1950	4676
Ravine, Trib. to												

†Reservoir capacity alleged by applicant.

*Claim not adjudicated, or application pending.

R. Denotes relocation.

Supp. I. Storage water in addition to direct flow appropriation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Whitney Reservoir	Whitney Irrigation Dist.	Whitney	Whitney Pipe Line	Supp. I.	A-1625	4	82	51	Dawes	Apr.	28	1921	1787
						84	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.

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	1985	2558
Andrews Res.	Agnes Andrews	Harrison	Andrews Canal	Stor.-only		5	32	55	Sioux	Mar.	26	1985	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	333
Antelope, South	Schnurr and Schnurr	Harrison	Turner Reservoir	Storage	†250 AF	26	34	57	Sioux	July	31	1922	1675
Antelope, South, Ravine, Trib. to	Wm. E. Schnurr, et al.	Harrison	Schnurr Reservoir No. 2	Storage	†122.5 AF	23	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
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

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

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
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	8909
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.	Lloyd 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 38 56	Sioux	Apr.	2 1928	2002
Dry Gulch	L. M. Child	Harrison	Child Canal	Irrig.	.57	28 34 56	Sioux	Aug.	14 1914	1376
Eberspacher Res.	Frank Eberspacher	Harrison	Eberspacher Canal	Stor-only		28 33 54	Sioux	Sept.	10 1945	3896
Eberspacher Res.	Chris Eberspacher Est.	Harrison	Eberspacher Canal	Stor-only		2 32 55	Sioux	Apr.	11 1950	4903
Geike Creek	Henry Geike	Harrison	Geike Canal	Irrig.	.43	19 38 56	Sioux	Nov.	4 1927	1967
Geike Creek	Henry Geike	Harrison	Geike Reservoir	Storage	75 AF	19 38 56	Sioux	Oct.	3 1950	4752
Geiser Reservoir	John Geiser	Crawford	Geiser Canal	Stor-only		34 85 54	Sioux	Oct.	4 1940	3439
Grote Reservoir	William Grote	Harrison	Grote Canal	Stor-only		8 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	23 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 35 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	Barbara Semroska	Montrose	Semroska Canal	Irrig.	.43	5 34 54	Sioux	July	2 1946	3922
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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Hat Creek, Ravine, Trib. to	John Geiser.....	Crawford.....	Geiser Reservoir.....	Storage.....	728 AF	84	35	54	Sioux.....	Oct.	4	1940	3279
Hat Creek, Ravine, Trib. to	Emil W. Vyzourek.....	Ardmore, S. D.	Vyzourek Res. No. 2.....	Storage.....	77 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.....	74 AF	27	35	54	Sioux.....	Dec.	6	1940	3343
Hat Creek, Ravine, Trib. to	E. J. Serres.....	Harrison.....	Serres Reservoir No. 1.....	Storage.....	727 AF	30	33	54	Sioux.....	June	18	1945	3843
Hat Creek, Ravine, Trib. to	E. J. Serres.....	Harrison.....	Serres Reservoir No. 2.....	Storage.....	754 AF	29	33	54	Sioux.....	June	18	1945	3844
Hat Creek, Ravine, Trib. to	Geo. E. Von Berg.....	LeMars, Iowa.	Von Berg Reservoir.....	Storage.....	712 AF	9	32	56	Sioux.....	Nov.	12	1949	4530
Hat Creek, Ravine, Trib. to	Mrs. Barbara Semroska.	Harrison.....	Semroska Reservoir.....	Storage.....	744 AF	6	34	54	Sioux.....	Apr.	21	1950	4647
Hay Cr. Wallace Reservoir	M. C. Wallace.....	Harrison.....	Hay Creek Wallace Canal	Stor-only.....		19	35	56	Sioux.....	Aug.	18	1949	4958
Henry Reservoir No. 2	J. L. Henry.....	Crawford.....	Henry Canal No. 2.....	Stor-only.....		30	35	55	Sioux.....	May	17	1950	4829
Henry Reservoir No. 1	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.....	728 AF	5	32	54	Sioux.....	Oct.	30	1944	3779
Indian Creek.....	August Meier.....	Ardmore, S. D.	Meier Canal.....	Irrig.....	.69	24	35	56	Sioux.....	Nov.	14	1946	4004
Indian Creek, Ravine, Trib. to	Merritt C. Wallace.....	Harrison.....	Wallace Reservoir.....	Storage.....	789 AF	29	35	56	Sioux.....	Sept.	16	1946	3962

Indian Creek, Ravine, Trib. to	Henry I. Mader	Ardmore, S. D.	Mader Reservoir No. 1	Storage	†148 AF	21 35 55	Sioux	Oct.	16 1946	3985
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	Ardmore, S. D.	Mader Reservoir No. 3	Storage	†24 AF	26 35 55	Sioux	Oct.	21 1949	4527
Indian Creek, Ravine, Trib. to	Henry I. Mader	Ardmore, S. D.	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	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, 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		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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
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	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	Eherspecher 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	Cornelius Jordan Canal	Supp. I.	A-841	13	33	56	Sioux	Nov.	12	1906	841	
Jordan, C. Res.	Clarence H. Dout	Harrison	Cornelius Jordan Canal	Supp. I.	A-841	13	33	56	Sioux	Jan.	14	1915	1469	
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	Montrose	Jordan Canal	Stor-only		9	34	55	Sioux	Aug.	23	1940	3446	
Jordan, Allen (Lower Res.)	Allen Jordan	Montrose	Lower Jordan Canal	Stor-only		16	34	55	Sioux	Feb.	28	1941	3446	
Lickett Creek	Rex T. Coffee	Harrison	Lickett Canal	Irrig.		27	33	54	Sioux				1005*	
Lickett Creek	Rex T. Coffee	Harrison	Lickett Canal	Irrig.	1.43	27	33	54	Sioux	Mar.	21	1900	549	
Lickett Creek	Rex T. Coffee	Harrison	Coffee Res. 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	Ardmore, S. D.	Mader Canal	Stor-only		21	35	55	Sioux	Oct.	15	1946	4236	
Mader Res. No. 3	Henry I Mader	Ardmore, S. D.	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	Con Parsons	Harrison	Parsons Reservoir	Storage		27	33	56	Sioux	May	21	1946	3908*	
Plunkett Reservoir	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

†Reservoir capacity alleged by applicant.

Supp. I. Storage water in addition to direct flow.

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

*Claim not adjudicated, or application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
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. Stor-only	A-4586	23	34	54	Sioux	Jan.	13	1950		4868
						23	34	54	Sioux	Jan.	13	1950		4868
Schaefer Res. Nos. 1 and 2	Schaefer Cattle Co.	Harrison	Leonard Canals 1 and 2	Stor-only		5	32	55	Sioux	Feb.	27	1933		3557
Schnurr Reservoir	Schnurr and Schnurr	Harrison	Schnurr Canal	Stor-only		13	34	57	Sioux	Oct.	10	1944		3871
Semroska Res.	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	Effie Lundy	Harrison	Lundy Reservoir	Storage	†3	AF	24	32	56	Sioux	Apr.	17 1946	3894
	Sprgs, Trib. to												
Spring Creek	Lloyd 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	Lloyd 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 Res.	Schaefer Cattle Co.	Harrison	Spring Creek Canal	Supp. I.	D-532	7	32	55	Sioux	Oct.	13 1939	3310	
Spring Creek Res.	Schaefer Cattle Co.	Harrison	Spring Creek Canals 1-2	Supp. I.	D-532	7	32	55	Sioux	Sept.	6 1951	4996*	
	No. 3			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	

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
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 Reser- voir No. 2	Emil W. Vyzourek	Ardmore. S. D.	Emil Canal	Stor-only	27	35	54	Sioux	Oct.	7	1940	3457	
Vyzourek Reser- voir 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	
Warbonnet Creek	John T. Coffee	Harrison	Warbonnet Canal	Irrig.	3.63	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.	.36	17	33	55	Sioux	June	20	1932	2274
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	1898	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	
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
Wasserburger Res.	Jacob Wasserburger	Montrose	Wasserburger Canal	Supp. I. Stor-only	A-581	29	34	54	Sioux	May	6	1940	3581	
						29	34	54	Sioux	May	6	1940	3581	
Whitehead Creek, Ravine, Trib. to	John Geiser	Crawford	Geiser Canal	Irrig.	1.24	4	34	54	Sioux	Mar.	13	1941	3414	
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 Creek, Sp. Br., Trib. to	Albert Meng	Crawford	Harrison Canal	Irrig.	.06	13	33	54	Sioux	May	30	1888	547	
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	
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	

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of 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.	13	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 Cr., Little	Elmer York	Center	Pump	Irrig.	.09	14	30	5	Knox	Sept.	7	1938		2882
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		4080
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		4234
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

Norwegian Bow Cr.	F. H. Arens	Hartington	Pump	Irrig.	.84	20	31	1E	Cedar	June	17	1938	2877	
Papillion Cr., W.	Herman Borman, et al.	Papillion	Pump	Irrig.	.82	17	14	12E	Sarpy	July	24	1936	2594	
Papillion Cr., W.	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	18E	Sarpy	Nov.	10	1936	2657	
Perrin Creek	Lester Bartels	Laurel	Pump	Irrig.	.66	30	29	3E	Cedar	May	3	1937	2738	
Pearl Creek	Raymond Christensen	Hartington	Pump	Irrig.	.16	34	30	1E	Cedar	Feb.	24	1948	4212	
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	4287	
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	

*Claim not adjudicated.

†Reservoir capacity alleged by applicant.

THIS PAGE INTENTIONALLY LEFT BLANK

**WATER APPROPRIATIONS
CANCELED AND DISMISSED**

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1950 to SEPTEMBER 30, 1952

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Division 1-A														
Bird Creek	Birdwood Irrig. Dist.	North Platte	Birdwood Canal	Irrig.	*55.94	35	15	33	Lincoln	Sept.	26	1951	646*	
Bird Creek	Equitable Farm and Stock Imp. Company	North Platte	West Birdwood Canal	Irrig.	*7.12	22	15	33	Lincoln	Sept.	27	1951	652*	
Drain	Leo Liakos	Bayard	Pump	Irrig.		18	21	51	Morrill	Aug.	23	1951		4892**
North Platte R.	Farmers Irrig. District	Scottsbluff	Tri-State Canal	Irrig.	*1.69	3	23	58	Scotts Bluff	Aug.	17	1951	918*	
					1.71	3	23	58	Scotts Bluff	Dec.	15	1951	918	
North Platte R.	Lloyd W. Pueppka	North Platte	Pump	Irrig.		11	14	31	Lincoln	Jan.	30	1951		4709
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	*13.06	18	10	23	Dawson	Apr.	29	1952	622*	
					1.14	18	10	23	Dawson	Sept.	24	1952	622	
Pielstick Lake	Weston R. Pielstick	Gering	Pump	Irrig.		26	21	55	Scotts Bluff	July	31	1951		4826**
Pumpkinseed Cr.	Valdemar A. Nielsen	Bridgeport	Dicky Brown Canal	Irrig.		30	19	52	Morrill	Mar.	26	1951	1055**	
South Platte R.	Western Irrig. District	Big Springs	Western Canal	Irrig.		14	12	43	Keith	Dec.	21	1950		393*
						14	12	43	Keith	Mar.	11	1952		393*
South Platte R.	Hubert C. Beal	Brule	Pump	Irrig.		29	13	14	Keith	Sept.	15	1951		4821
White Horse Cr.	James C. Peterson	North Platte	Bratt Canal	Irrig.	*2.44	9	14	30	Lincoln	Dec.	17	1951		1316*
Division 1-B														
Center Creek	Harry F. Maxon	Wood River	Pump	Irrig.		36	2	15	Franklin	Dec.	1	1950		4663
Frenchman River	Joseph G. Crews, et al.	Culbertson	Farmers Canal	Irrig.	*.71	11	3	22	Hitchcock	June	18	1952	10*	

Frenchman River	Riverside Irrig. Co.	Culbertson	Riverside Canal	Irrig.	*6.87	38	4	82	Hitchcock	June	13	1952	18*
Medicine Creek	L. C. Richardson	Cambridge	Pump	Irrig.		18	4	25	Furnas	Nov.	20	1950	4685
Prairie Dog Cr.	Carroll Stolts	Republican Cit	Pump	Irrig.	.39	24	1	18	Harlan	Aug.	18	1952	2946
Rebecca Creek	Herman E. Schnuerle	Bloomington	Pumps	Irrig.		23	1	16	Franklin	Sept.	15	1952	4943
Red Willow Cr.	Lowell Ruggles	McCook	Hadley Canal	Irrig.	8.43	86	3	28	Red Willow	Dec.	26	1951	1964
Republican River	U. S. Bureau of Reclamation	McCook	Meeker Canal	Irrig.	*101.14	15	3	81	Hitchcock	Sept.	7	1951	4-7* 8-9
Republican River	Ralph Detlefsen	Franklin	Pump	Irrig.		11	1	15	Franklin	Nov.	20	1950	4645
Republican River	Francis Hergott	Orleans	Pump	Irrig.		17	2	19	Harlan	Feb.	2	1952	4894
Sappa Creek	C. I. Gillette	Beaver City	Pump	Irrig.		28	1	23	Furnas	Oct.	9	1951	4801
Sappa Creek	Forrest Flodine	Stamford	Pump	Irrig.		7	1	21	Furnas	Aug.	6	1952	4021
Division 1-C													
Blue River, Lit.	Donald Hagemeyer	Pauline	Pump	Irrig.		32	6	9	Adams	Nov.	20	1950	4619
Blue River, Lit.	Godfrey G. Strasburg	Ayr	Pump	Irrig.		14	5	11	Adams	Jan.	3	1951	4699
Blue River, Lit.	H. B. Boyden	Fairbury	Pump	Irrig.		16	2	2E	Jefferson	June	18	1951	4769
Blue River, Lit.	Ray Ebert	Hastings	Pump	Irrig.		27	6	10	Adams	Oct.	9	1951	4866
Blue River, Lit.	H. B. Boyden	Fairbury	Pump	Irrig.		16	2	2E	Jefferson	June	13	1952	4875
Division 1-D													
Beaver Creek Res.	Albert Oswald	Aurora	Oswald Canal	Stor-only		23	10	7	Hamilton	Sept.	19	1952	4893
Blue River, Big. W. F.	Cornelius Buller	Grafton	Pump	Irrig.	.20	36	9	4	York	Sept.	25	1952	3017
Spring Creek	Lillie M. Delehoj	Wymore	Pump	Irrig.		35	7	1E	Gage	Oct.	21	1950	4601

**Application, or claim dismissed.

*Part of appropriation canceled.

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1950 to SEPTEMBER 30, 1952

228

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Turkey Creek	Pearl F. Brown	Geneva	Brown Reservoir	Storage	21	7	2	Fillmore	Mar.	26	1952	4314**	
Turkey Creek, N.F.	Guy A. Brown, Sr.	Geneva	Valley View Reservoir	Storage	32	7	2	Fillmore	Mar.	26	1952	4312**	
Valley View Res.	Guy A. Brown, Sr.	Geneva	Valley View Canal	Irrig.	32	7	2	Fillmore	Mar.	26	1952	4313**	
Division 1-F													
Clear Creek	Thos. A. Mann	Wymore	Pump	Irrig.	25	3	11E	Pawnee	Oct.	21	1950	4591	
Nemaha R., N. F.	Herman Heuke	Table Rock	Pump	Irrig.	.62	20	3	12E	Pawnee	Sept.	25	1952	3482
Nemaha R., Little	Mo. Pac. Railway Corp.	St. Louis	Auburn Water Supply	Domestic	3.00	15	5	14E	Nemaha	Mar.	27	1952	2873
Weeping Water Creek	Department of Roads and Irrigation	Lincoln	Pump	Irrig.	.71	35	10	13E	Cass	Sept.	25	1952	2681
Division 2-A													
Beaver Creek	Grant Olson	Petersburg	Pump	Irrig.	14	21	7	Boone	Nov.	2	1951	4823	
Cedar River	Rudolph Wise	Primrose	Pump	Irrig.	.65	17	19	8	Boone	Sept.	25	1952	2807
Cedar River	J. B. Lowery	Burwell	Pump	Irrig.	.29	21	24	14	Garfield	Sept.	25	1952	3027
Cedar River	Mrs. Geo. Palmer	Fullerton	Pump	Irrig.	.15	33	17	6	Nance	Sept.	25	1952	3051
Cedar River	Jacob Miller, et al	Primrose	Pump	Irrig.	1.51	17	19	8	Boone	Sept.	25	1952	3264
Cedar River	Laurence Hilger	Cedar Rapids	Pump	Irrig.		9	18	7	Boone	Nov.	20	1950	4627
Clear Creek	Paul H. Dean	Broken Bow	Pump	Irrig.	2.43	86	16	17	Custer	Sept.	25	1952	1962
Clear Creek	Albert Heapy	Litchfield	Pump	Irrig.	.17	10	14	16	Sherman	Sept.	25	1952	3364

REPORT OF THE STATE ENGINEER

Loup River.....	Orville G. Blaser.....	Columbus.....	Columbus Power Canal	Irrig.....		6	16	4	Nance.....	Oct.	21	1950	4594
Loup R., Middle.....	Consumers P. P. Dist.....	Columbus.....	Lundy Power Plant	Power.....	200.00	9	19	19	Custer.....	June	21	1951	1024
Loup R., Middle.....	Consumers P. P. Dist.....	Columbus.....	Lundy Power Plant	Power.....	400.00	9	19	19	Custer.....	June	21	1951	1224
Loup R., Middle.....	Fred Muhlbach.....	Mullen.....	Mullen Power Plant	Power.....	124.00	6	24	32	Hooker.....	Apr.	25	1951	1185
Loup R., Middle.....	Middle Loup Public Power and Irrig. Dist.	Arcadia.....	Canal No. 2	Irrig.....	*1.40	10	19	18	Custer.....	Apr.	28	1951	2298*
Loup R., Middle.....	Middle Loup Public Power and Irrig. Dist.	Arcadia.....	Canal No. 2	Irrig.....	*1.07	10	19	18	Custer.....	Apr.	28	1951	2678*
Loup R., Middle.....	Floyd L. Robinson.....	Theford.....	Pump	Irrig.....		12	23	29	Thomas.....	Nov.	20	1950	4626
Loup R., South.....	Wm. J. Arrasmith.....	Grand Island.....	Pump	Irrig.....		5	12	18	Buffalo.....	Dec.	8	1951	3376**
Loup R., South.....	Harry B. Chesley.....	Callaway.....	Pump	Irrig.....		19	16	28	Custer.....	Dec.	1	1950	4652
Mud (Beaver) Cr.....	Richard A. Reinertson.....	Sweetwater.....	Pump	Irrig.....	.60	4	12	15	Buffalo.....	Sept.	25	1952	3748
Mud (Beaver) Cr.....	John Kramer.....	Mason City.....	Pump	Irrig.....	.52	30	15	17	Custer.....	July	29	1952	3757
Mud (Beaver) Cr.....	Fannie E. Rawles.....	Merriman.....	Pump	Irrig.....		25	15	18	Custer.....	Jan.	2	1951	4661
Mud (Beaver) Cr.....	John Geisler.....	Pleasanton.....	Pump	Irrig.....		19	13	50	Sherman.....	July	12	1951	4770
Oconee Drain.....	Mary L. Gerrard.....	Columbus.....	Pump	Irrig.....	1.87	8	17	2	Platte.....	Sept.	25	1952	3781
Spring Creek.....	Earl Hanson.....	Ord.....	Pump	Irrig.....	.25	27	19	13	Valley.....	Sept.	30	1952	3728
Turtle Creek.....	Joseph Rutar, Sr.....	Ord.....	Pump	Irrig.....	.72	27	20	15	Valley.....	Sept.	25	1952	3611
Victoria Creek.....	Henry Clarke Adams.....	Merna.....	Pump	Irrig.....		29	19	21	Custer.....	Dec.	1	1950	4675
Wiggle Creek.....	Harry Lamb.....	Callaway.....	Pump	Irrig.....		3	15	23	Custer.....	Nov.	20	1950	4621
Timber Creek.....	Hilbert R. Newquist.....	Cedar Rapids.....	Pump	Irrig.....		4	17	8	Nance.....	Sept.	5	1952	4940

**Application dismissed.

*Part of appropriation canceled

CLAIMS AND APPLICATIONS CANCELLED OR DISMISSED FROM SEPTEMBER 30, 1950 to SEPTEMBER 30, 1952

230

Source	Appropriator or Operator	Post Office	Carrier	Use to which Applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam				Cancellation or Dismissal Date			Doc. No.	App. No.
						S	T	R	County	Mo.	D	Yr.		
Division 2-B Oak Creek, Br.	Josephine Boyd	Raymond	Pump	Irrig.		1	11	5E	Lancaster	Jan.	26	1951		4718
Division 2-C Anderson Res.	Otto Anderson	Hay Springs	Pump	Stor-only	26	31	47		Dawes	Jan.	4	1952		4898
Heaton Reservoir	James Heaton	Hay Springs	Pump	Irrig.	36	29	46		Sheridan	Sept.	5	1952		4939
Murray Drain	Owen Murray	Hay Springs	Pump	Irrig.		5	29	45	Sheridan	June	13	1952		4800**
Niobrara River	Eather N. Bushnell	Marsland	Hitchew Canal No. 2	Irrig.	.92	6	28	52	Box Butte	May	15	1951		2509
Niobrara River	H. G. and John H. Furman	Marsland	North Pioneer Canal	Irrig.	36	29	51		Dawes	Sept.	30	1952		4955
Niobrara River, Ravine, Trib. to	Jas. Edw. Walgren	Alliance	Walgren Reservoir	Storage	27	30	47		Dawes	Dec.	1	1950		4653
Niobrara River, Ravine, Trib to	J. A. Rossenbach	Norden	Rossenbach Reservoir	Storage		7	33	23	Keya Paha	Feb.	15	1952		4882
Snake River	Walter S. Jackson	Valentine	Snake Hydro Plant	Power	180.00	9	31	30	Cherry	Sept.	12	1952		1852
Spotted Tail Cr.	Curtis S. Hitchcock	Jamison	Spotted Tail Reservoir	Storage		28	35	17	Keya Paha	May	8	1951		4716
Division 2-D Cottonwood Creek	Virgil E. Couch	Whitney	Pump	Irrig.	80	33	50		Dawes	Mar.	4	1952		4934**
Deep Creek	G. H. Taylor	Glen	Pump	Irrig.	33	31	53		Dawes	Dec.	3	1951		4855
White River, Ravine, Trib. to	F. J. Koske	Chadron	Lazy K Reservoir	Storage		7	33	49	Dawes	Jan.	2	1951		4683

REPORT OF THE STATE ENGINEER

Division 2-E

Antelope Creek, Ravine, Trib. to	Wm. E. and Clarence A. Schnurr	Harrison	Schnurr Reservoir No. 3	Storage	19	34	56	Sioux	Dec.	21	1950	4523	
Indian Creek, Ravine, Trib. to	H. F. Wiedenfeld	Ardmore, So. Dakota	Wiedenfeld Reservoir No. 2	Storage	23	35	55	Sioux	Aug.	6	1952	4926	
Sow Belly Creek	M. J. Carroll	Harrison	Carroll Canal	Irrig.	.14	7	32	55	Sioux	Oct.	9	1951	516
Spring Creek	Schaefer Cattle Co.	Harrison	Spring Creek Reservoir	Storage	†66 AF	12	32	56	Sioux	June	3	1952	2985

**Application dismissed.

THIS PAGE INTENTIONALLY LEFT BLANK

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 236)	

*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 235)	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 238)

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 237)	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 239)

Elkhorn Rural Public Power District
 (Formerly Madison County Rural Public
 Power District) (Continued from page 238)

		Neligh, Custer, Logan, exclusive of City of Elgin, Elgin, Ord, Blaine, Royal, Lincoln, Stanton, Clearwater, French Town, and Garfield Voting Precincts in Antelope County; Deloit, Ewing, and Golden Voting Precincts in Holt County; Caldwell and Clearwater Voting Precincts in Wheeler County
Gering Valley Rural Public Power District.....	Gering.....	Roubadeaux and Gering Voting Precincts, exclusive of City of Gering in Scotts Bluff County
Howard-Greeley Rural Public Power District.....	St. Paul.....	Howard County, exclusive of City of St. Paul; Spring Creek, Brayton, Fish Creek, Scotia, Logan, O'Connor, Center, Leo Valley, and Freeman Valley Voting Precincts in Greeley County
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
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

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

Name of District	Headquarters	Municipalities Constituting District
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; Emerson, Pigeon, Summit, St. Johns, Hubbard and Omadi Voting Precincts in Dakota County; Perry, Flourney, Thayer and Pender Voting Precincts 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
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, Lebonon, 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
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

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	
Dodge-Washington	Elkhorn River Drainage District (Cut-Off "H")	Oct. 16, 1950
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

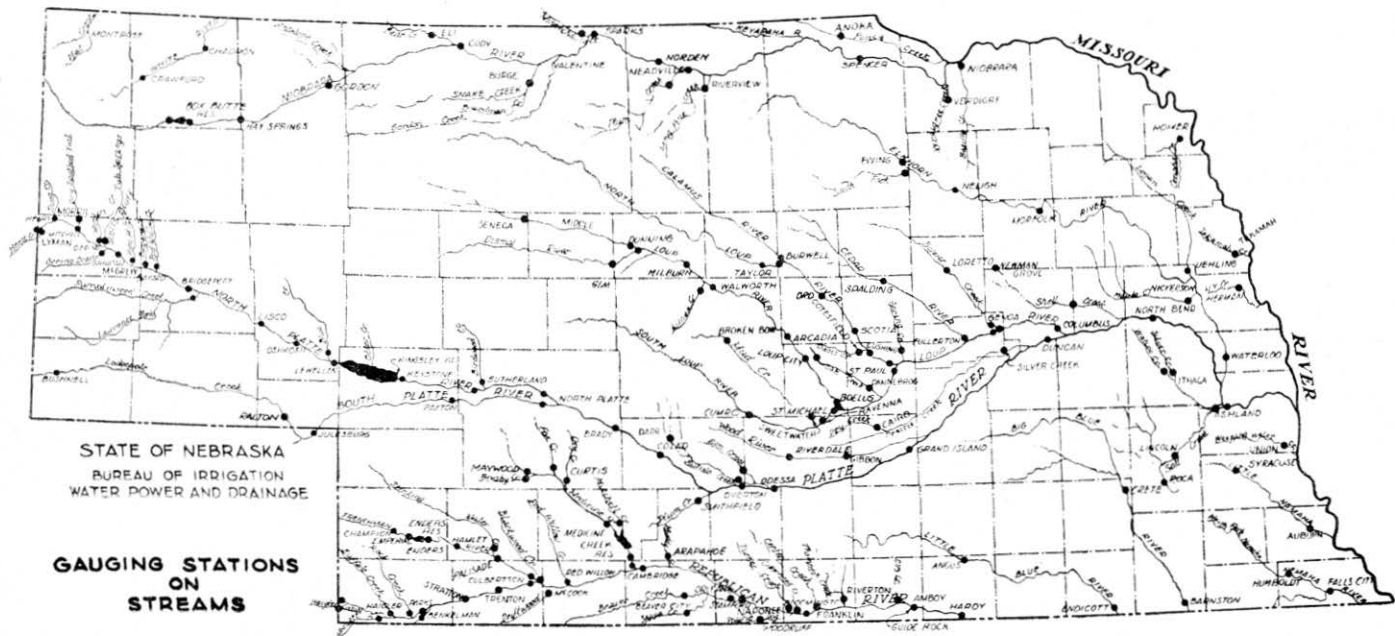
DRAINAGE DISTRICTS—Concluded

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	*
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 District No. 4	April 13, 1916
Richardson	Drainage District No. 5	May 8, 1920
Richardson	Drainage District No. 6	Sept. 18, 1930
Richardson	Barada Drainage District	June 6, 1921
Sarpy	Western Sarpy Drainage District	Nov. 15, 1917
Sarpy	Western Sarpy Drainage District (Extension of Henrichs Ditch)	Aug. 19, 1924
Sarpy	Bellevue Drainage District	Aug. 4, 1921
Sarpy	Chalco-Portal Drainage District	Mar. 15, 1922
Sarpy	South Buffalo Creek Drainage District	May 25, 1926
Sarpy	Rudersdorf Drainage District	Feb. 15, 1927
Sarpy	Zimmerman Drainage District	Mar. 16, 1929
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. 21, 1918
Thurston	Drainage District No. 2	Sept. 2, 1932
Washington	Papio Valley Drainage District	Mar. 8, 1926
Washington	Bell Creek Drainage District	Jan. 13, 1947
Washington	Calhoun Drainage District	Feb. 28, 1951

*Approval of plans rescinded.

THIS PAGE INTENTIONALLY LEFT BLANK

DIVISION OF HYDROGRAPHY



STATE OF NEBRASKA
 BUREAU OF IRRIGATION
 WATER POWER AND DRAINAGE

**GAUGING STATIONS
 ON
 STREAMS**

DISCHARGE MEASUREMENTS OF STREAMS

Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec. ft.	Date	Discharge Sec.-ft.
------	-----------------------	------	-----------------------	------	-----------------------	------	-----------------------

ALLIANCE DRAIN

Sec. 20-22-53 W.

10- 2	21.4	3- 9	5.5	6- 4	11.4	8- 6	16.3
10-17	21.4	3-22	9.0	6-11	11.2	8-13	17.8
11-28	12.8	4- 3	5.5	6-18	11.1	8-20	15.0
12-11	12.3	4-17	4.7	7- 2	15.9	8-27	14.8
1- 9	10.8	5- 8	5.8	7- 9	4.3	9-10	28.3
1-23	8.1	5-14	2.5	7-16	7.4	9-17	19.5
2- 7	7.6	5-21	6.3	7-23	4.5	9-24	11.2
2-23	8.0	5-28	6.0	7-30	7.4		

ANTELOPE CREEK

Sec. 26-34-57 W.

10-19	0.0	9-17	0.0
-------	-----	------	-----

ANTELOPE CREEK ON NORTH LINE

Sec. 32-33-41 W.

10-20	0.1	11-29	0.5	1-24	0.3	2-26	0.4
-------	-----	-------	-----	------	-----	------	-----

ANTELOPE CREEK NEAR GORDON

Sec. 21-32-40 W.

12-27	0.2	3-15	0.5
-------	-----	------	-----

APPLEGATE DRAIN

Sec. 31-14-33 W.

10-19	58.9	1-22	52.6	5- 3	56.4	8-22	55.0
12- 1	56.8	3- 6	53.9	6-18	73.1		
12-16	55.3	3-20	52.0	7-16	58.9		
1-12	53.1	4- 4	54.0	7-27	55.9		

ASH CREEK

Sec. 10-16-42 W.

Above Wolford Dam				Below Wolford Dam			
1- 6	2.1			1- 6	1.4		

ASH CREEK NEAR WHITNEY

Sec. 7-32-50 W.

10- 6	2.4	12- 1	2.9	3-27	2.7	5-14	0.4
10-23	2.0	2-19	4.8	4-17	1.9	8-14	1.8
11- 3	2.2	3- 9	1.1	5- 1	3.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
ASH CREEK, EAST							
Sec. 32-32-50 W.							
10- 6	1.1	2-19	2.1	5- 1	1.9	8-14	1.0
10-26	1.2	3- 9	2.8	5-14	3.0	9-28	.7
11- 3	1.3	3-27	1.9	6- 4	3.9		
12- 1	2.5	4-17	1.8	7-23	1.7		
ASH CREEK, WEST							
Sec. 36-32-51 W.							
10- 6	1.0	12- 1	2.4	5-14	1.6	9-28	0.4
10-26	1.1	3-27	2.3	6- 4	2.8		
11- 3	1.7	4-17	1.1	7-23	.6		
ASH CREEK, WEST, BELOW BARRON CANAL							
Sec. 36-32-51 W.							
2-19	2.1	3- 9	1.5				
AUGER CREEK NEAR ELBA							
Sec. 4-15-11 W.							
6- 8	0.4						
BALD DRAIN							
Sec. 32-23-56 W.							
10- 2	14.2	1-12	6.1	3-29	3.0	7-23	33.8
10-17	9.7	2- 8	4.6	4-13	2.8	8-20	17.2
11- 7	6.8	2-21	3.6	4-25	3.4	9-25	66.2
12-13	5.7	3-15	3.4	5-10	2.5		
BEAR CREEK NEAR MERRIMAN							
Sec. 8-34-37 W.							
10-20	1.9	12-27	3.1	3-15	2.0	6-28	5.9
11-29	3.6	1-24	3.3	5-28	4.5	8-29	3.9
BEAR CREEK							
Sec. 16-34-37 W.							
10-20	0.4						
BEAR CREEK ABOVE COLE DAM							
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-34-37 W.							
10-20	0.3	1-24	3.6	4-26	19.2	6-28	16.3
11-29	4.5	3-15	2.5	5-29	17.6	8-29	4.0
12-27	4.2						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BEAR CREEK NEAR ELI							
Sec. 25-34-36 W.							
10-20	2.5	1-24	6.9	4-26	25.4	6-28	27.0
11-29	8.1	3-15	20.7	5-29	23.4	8-29	9.7
12-27	8.6						
BEAVER CREEK NEAR BOONE							
Sec. 17-19-5 W.							
10- 4	247.0	12-26	67.7	4-23	294.0	8- 7	51.3
10-17	72.3	1- 9	68.3	5- 8	124.0	8-23	384.0
11- 1	78.6	1-23	91.4	5-21	511.0	9- 6	256.0
11-15	67.5	2- 7	72.6	6- 7	180.0	9-18	109.0
11-27	83.8	3-27	442.0	6-19	91.4		
12-12	77.8	4-10	163.0	7-25	90.1		
BEAVER CREEK NEAR RAVENNA							
Sec. 34-13-14 W.							
8-28	0.0						
BEAVER CREEK NEAR ST. EDWARD							
Sec. 2-18-5 W.							
10- 4	186.0	12-26	88.6	4-10	182.0	7-11	113.0
10-17	84.9	1- 9	98.1	4-23	325.0	7-25	117.0
11- 1	105.0	1-23	47.5	5- 8	147.0	8- 7	64.0
11-15	105.0	2- 7	86.0	5-21	503.0	8-23	390.0
11-27	116.0	3- 7	258.0	6- 7	207.0	9- 6	342.0
12-13	104.0	3-27	487.0	6-19	109.0	9-18	128.0
BLOODY RUN CREEK NEAR HAZARD							
Sec. 26-13-15 W.							
8-29	0.0						
BLUE CREEK ABOVE PAISLEY CANAL							
Sec. 28-17-42 W.							
8- 6	123.0	8-11	141.0	8-20	104.0		
BOGGY CREEK BELOW WICKERSHAM DIVERSION DAM							
Sec. 31-33-54 W.							
10-30	0.1	1-25	0.0	5-16	0.0	8-10	0.0
11-15	.1	4-12	.0	6-27	.0		
BORDEAUX CREEK, BIG							
Sec. 11-32-48 W.							
10-24	0.3						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BORDEAUX CREEK, BIG, BELOW THOMAS CANAL							
Sec. 34-34-48 W.							
10-16	2.0	3- 1	5.5	4- 9	7.6	6-18	8.3
BORDEAUX CREEK, BIG, NEAR CHADRON							
Sec. 14-33-48 W.							
10- 6	1.8	12-11	2.5	4- 9	2.1	9-28	0.5
10-24	1.2	1- 9	3.1	6-18	2.5		
11-13	3.1	3- 1	3.0	9-11	.8		
BORDEAUX CREEK, LITTLE, BELOW HARTZELL CANAL							
Sec. 13-33-48 W.							
10- 6	1.5	1- 9	2.8	4- 9	2.4	9-11	1.3
11-13	1.8	3- 1	2.9	6-18	2.0	9-28	1.1
12-11	2.1						
BROWN CREEK NEAR LOUP CITY							
Sec. 25-15-15 W.							
8-29	0.4						
BUFFALO CREEK NEAR ELM CREEK							
Sec. 33-9-18 W.							
10-25	9.9	1-23	3.6	5- 4	4.8	8-10	42.4
11-14	3.7	2-19	5.6	5-24	21.7	8-23	72.5
12-12	4.4	3- 6	4.6	6- 8	25.5	9-19	27.7
12-18	5.8	3-20	4.1	7-11	98.1		
1- 4	4.1	4- 3	3.0	7-27	79.6		
BULL DRAIN NEAR MAXWELL.							
Sec. 20-13-28 W.							
10-22	2.7	1-25	3.9	5- 9	3.8	8- 7	3.6
11- 8	2.5	2- 9	3.5	5-22	7.0	8-15	3.8
11-24	2.8	2-23	4.6	6- 6	5.0	8-29	4.6
12-15	3.8	3- 8	4.8	6-13	4.9	9-12	5.0
12-21	3.6	3-24	4.5	6-26	11.3	9-26	4.1
1- 5	2.8	4- 6	8.7	7-10	4.0		
1-19	3.7	4-21	4.7	7-17	4.2		
CACHE CREEK NEAR EWING							
Sec. 13-26-9 W.							
10- 9	80.4	1-18	16.8	4-24	107.0	7-31	8.0
10-26	19.5	2-14	12.7	5-18	633.0	8-16	306.0
11- 9	13.8	2-26	36.1	5-31	140.0	8-31	37.7
11-21	17.8	3-13	10.7	6-19	36.7	9-11	82.2
12- 6	8.6	3-28	222.0	7- 4	129.0	9-24	34.7
12-20	14.6	4-12	47.6	7-17	31.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
------	-----------------------	------	-----------------------	------	-----------------------	------	-----------------------

CANYON CREEK NEAR CURTIS

Sec. 29-9-28 W.

5-20 976.0

CEDAR BRANCH CREEK NEAR NEVINS

Sec. 17-14-35 W.

10-12	1.6	1-11	1.9	4-26	2.0	7-26	2.1
10-26	1.9	1-25	2.0	5-10	2.1	8-29	1.9
11-17	2.1	2-15	2.0	6-15	2.6	9-20	2.2
11-29	2.1	3- 9	1.8	6-28	2.1		
12-15	2.0	3-23	1.8	7-12	2.4		

CEDAR CREEK

Sec. 11-18-48 W.

10- 4	6.6	12-28	10.4	3-24	12.0	7- 5	18.2
10-16	3.5	1- 5	11.7	3-31	12.3	7-12	35.0
10-23	11.4	1-15	11.7	5- 2	10.2	7-19	5.6
10-31	9.7	1-23	11.6	5- 7	25.7	8-13	5.4
11- 6	9.0	2- 8	11.3	5-16	8.9	8-21	3.2
11-14	10.1	2-21	11.9	5-24	14.2	8-28	4.1
11-24	12.5	2-21	11.9	6-13	29.5	9-12	28.8
12-12	12.2	3-10	11.8	6-27	13.4	9-26	12.3

CEDAR RIVER NEAR BELGRADE

Sec. 2-17-2 W.

10- 3	411.0	12-27	142.0	4-10	281.0	7-11	583.0
10-18	288.0	1- 9	245.0	4-23	247.0	7-25	248.0
11- 1	181.0	1-23	238.0	5- 9	296.0	8- 7	171.0
11-15	209.0	2- 7	236.0	5-21	923.0	8-22	280.0
11-29	377.0	3- 6	391.0	6- 6	440.0	9- 6	523.0
12-11	245.0	3-27	408.0	6-19	300.0	9-19	431.0

CHADRON CREEK ONE-HALF MILE ABOVE CITY RESERVOIR

Sec. 19-32-48 W.

10- 2	0.2	12-13	0.8	3- 8	0.9	8- 3	0.4
11-13	.7	1-17	1.1	4- 4	1.4	8-22	.5
11-27	.7	2- 7	.6	4-18	1.1		

CHADRON CREEK 500 FEET BELOW CITY RESERVOIR

Sec. 18-32-48 W.

10- 2	0.1	12-13	0.7	3- 8	1.1	8- 3	0.0
11-13	.4	1-17	.5	4- 4	1.5	8-22	.0
11-27	.5	2- 7	.9	4-18	.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
CLEAR CREEK							
Sec. 5-15-41 W.							
10-13	4.8	12-29	7.1	3-28	7.4	8-9	0.5
10-31	6.7	1-16	7.9	4-27	5.3	8-27	4.4
11-15	8.4	2-7	8.6	5-9	8.3	9-17	7.7
11-30	9.2	2-18	7.6	5-28	9.9		
12-14	9.0	3-9	8.2	7-18	4		
CLEARWATER CREEK NEAR CLEARWATER							
Sec. 6-25-7 W.							
10-11	106.0	1-16	39.2	4-23	117.0	7-31	30.9
10-26	42.7	2-13	17.9	5-10	82.5	8-16	302.0
11-9	32.3	2-24	58.2	5-28	84.8	8-31	88.9
11-21	42.3	3-13	40.1	6-19	61.0	9-11	138.0
12-4	50.4	3-24	293.0	7-4	71.5	9-24	74.7
12-20	23.4	3-28	297.0	7-17	40.1		
CLEVELAND DRAIN							
Sec. 6-20-52 W.							
10-5	13.8	11-28	1.0	3-12	.9	4-13	4.5
10-16	1.8	2-7	1.1	3-26	.8	4-24	7.6
11-6	3.0						
COB CREEK NEAR LOUP CITY							
Sec. 23-15-15 W.							
8-29	0.2						
COLD WATER CREEK BELOW LISCO CANAL							
Sec. 34-18-46 W.							
10-19	8.4	1-16	3.7	5-24	3.8	7-30	3.4
10-31	2.5	1-23	4.8	6-5	3.8	8-9	7.7
11-15	8.3	3-12	5.8	6-13	4.7	9-18	3.4
11-24	2.9	4-11	5.6	6-30	3.7	9-26	3.2
12-14	4.8	4-25	4.4	7-12	4.0		
COLE CREEK NEAR LOUP CITY							
Sec. 28-16-15 W.							
8-29	0.2						
COTTONWOOD CREEK NEAR DUNLAP							
Sec. 17-29-48 W.							
7-28	25900.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
COTTONWOOD CREEK NEAR DUNLAP							
Sec. 27-29-48 W.							
10-11	0.4	3- 8	0.8	6- 3	0.3	7-18	28100.0
1-26	1.7	5-31	.7	7- 2	.2		
COTTONWOOD CREEK, BIG							
Sec. 22-33-50 W.							
10- 6	1.5	1-17	1.9	3-21	2.6	5- 1	0.5
11-13	1.0						
COTTONWOOD CREEK, LITTLE							
Sec. 8-32-52 W.							
10-13	0.1	1-11	4.0	4-20	0.2	9- 7	0.8
10-31	.1	2-23	.4	4-28	.0	10- 8	.0
11-17	1.8	3- 6	1.2	5-12	.2		
12-12	.7	4- 7	.1	7- 2	2.3		
COTTONWOOD CREEK, LITTLE, NEAR BLOOMINGTON							
Sec. 6-1-15 W.							
4-18	2.2	7-20	2.3	8-10	2.0	9-14	2.1
CROOKED CREEK NEAR RED CLOUD							
Sec. 1-1-11 W.							
4-18	1.0	7-23	10.2	8-10	1.9	9-14	2.2
CROOKED CREEK NEAR SPENCER							
Sec. 12-33-12 W.							
5- 3	1.5						
DANE CREEK NEAR ORD							
Sec. 20-19-14 W.							
6- 8	1.1						
DAWSON COUNTY DRAIN NO. 2 NEAR DARR							
Sec. 25-10-23 W.							
10-26	3.1	1-23	1.6	4-10	1.8	8-30	9.4
11-13	2.4	2-19	2.7	5- 4	1.4	9-21	6.2
12-13	2.4	3- 6	1.3	6-27	7.0		
1-10	1.9	3-20	1.6	8- 3	11.3		
DEAD HORSE CREEK							
Sec. 32-33-49 W.							
10- 6	1.1	12-13	1.7	4-23	1.9	6-18	3.0
10-23	.8	3- 1	1.2				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

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.							
8-29	0.0						
DEEP CREEK							
Sec. 4-30-53 W.							
10-13	0.3	2-23	0.6	4-21	0.3	9-10	0.2
12-16	.7	3-13	.6	7-10	.2		
2- 9	.5	3-24	.4	8-20	.0		
DEER CREEK NEAR BOELUS							
Sec. 27-13-12 W.							
6-29	0.7	8-16	1.1	9- 5	19.3		
DEGRAW DRAIN							
Sec. 24-20-51 W.							
10- 5	4.8	2- 8	4.2	7-23	10.7	9- 6	11.1
10-18	4.0	2-24	3.7	8- 1	2.2	9-14	6.4
11- 7	4.4	3-10	2.8	8- 9	6.1	9-20	9.1
11-28	5.4	3-24	3.8	8-16	3.4	9-26	4.6
1- 8	2.5	4-10	3.9	8-23	4.4		
1-22	3.2	4-24	5.1	8-30	2.7		
DRINGMAN DRAIN							
Sec. 32-14-33 W.							
10-19	11.4	1-22	1.3	4- 4	7.0	7-16	9.1
12- 1	2.6	3- 6	6.8	5- 3	9.7	7-27	9.4
12-16	4.5	3-20	6.9	6-18	9.5	8-22	9.2
1-12	1.7						
DRY CREEK NEAR MERRIMAN							
Sec. 17-34-37 W.							
10-20	0.6	1-24	0.3	4-26	9.1	6-28	6.4
11-29	4.9	3-15	.7	5-29	7.5	8-29	1.1
12-27	2.5						
DRY CREEK NEAR RAVENNA							
Sec. 32-13-14 W.							
8-29	0.0						
DUGOUT CREEK, UPPER							
Sec. 20-20-50 W.							
10- 5	9.6	12-30	5.0	2- 8	2.5	3-24	1.7
10-16	13.3	1-12	4.1	2-24	3.8	4-10	1.0
11- 7	8.0	1-22	3.7	3-10	1.6	4-24	2.0
12-13	6.5						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
EAGLE CREEK NEAR SPENCER							
Sec. 24-32-12 W.							
5- 3	55.8						
ELKHORN RIVER NEAR BATTLE CREEK							
Sec. 30-24-2 W.							
10-11	885.0	1-17	298.0	5- 1	2970.0	7-30	529.0
10-25	467.0	2- 1	210.0	5-15	827.0	8-15	3960.0
11- 7	406.0	2- 8	245.0	5-29	1570.0	8-29	1020.0
11-21	370.0	4- 4	1270.0	6-27	1570.0	9-11	1170.0
12-19	305.0	4-18	834.0	7-19	1380.0	9-27	848.0
1- 4	359.0						
ELKHORN RIVER NEAR STANTON							
Sec. 29-23-2 E.							
10-11	1120.0	1-17	456.0	5- 1	3960.0	8-15	6360.0
10-25	642.0	2- 2	377.0	5-15	1120.0	8-30	2140.0
11- 7	604.0	2- 8	370.0	5-29	2150.0	9-12	4160.0
11-21	536.0	2-26	946.0	6-27	1960.0	9-27	1330.0
12-19	481.0	4- 4	1660.0	7-19	2090.0		
1- 4	550.0	4-18	1200.0	7-30	696.0		
ELKHORN RIVER NEAR HOOPER							
Sec. 17-19-8 E.							
10- 9	1380.0	1-16	427.0	5- 9	1790.0	7-30	908.0
10-23	770.0	1-29	297.0	5-24	6030.0	8-13	1170.0
11- 6	722.0	2-14	357.0	6- 4	3570.0	8-27	2270.0
11-20	654.0	4- 4	2380.0	6-18	1710.0	9-10	2110.0
12-18	543.0	4-10	2650.0	7- 2	1950.0	9-24	1360.0
1- 3	347.0	4-26	2880.0	7-17	2110.0		
ELM CREEK NEAR ELM CREEK							
Sec. 33-9-18 W.							
10-25	0.0	12-18	0.0	2-19	0.0	4- 3	0.1
11-14	.0	1- 4	.0	3- 6	.0		
12-12	.0	1-23	.0	3-20	.0		
EUREKA CREEK NEAR NAPONEE							
Sec. 1-1-17 W.							
4-18	0.0	7-20	0.0	8-10	0.0	9-14	0.0
FAIRFIELD SEEP							
Sec. 18-21-53 W.							
10- 2	0.7	3-15	0.0	5- 9	0.0	5-22	0.4
11-28	.0	4-13	.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
FANNING SEEP ONE-HALF MILE NORTH of MITCHELL BRIDGE							
Sec. 28-23-56 W.							
10- 2	4.6	2- 8	1.3	4-12	.5	8-20	2.2
10-17	2.9	2-21	2.3	4-25	2.0	9-25	3.8
11- 7	3.2	3-15	1.8	5-10	.8		
1-12	.7	3-29	.8	7-23	1.9		
FARMERS CREEK NEAR INAVALE							
Sec. 5-1-12 W.							
4-18	2.8	7-23	14.9	8-10	3.3	9-14	3.4
FLAG CREEK NEAR ORLEANS							
Sec. 16-2-19 W.							
4-18	1.8	7-20	1.7	8-10	1.1	9-14	1.1
FOX CREEK NEAR CURTIS							
Sec. 17-9-28 W.							
5-20	2810.0						
FREMONT SLOUGH NEAR NORTH PLATTE							
Sec. 16-13-30 W.							
10-14	26.6	12-15	30.7	1-25	29.3	3-16	30.7
11- 8	28.2	12-22	28.2	2-10	28.6	3-30	30.0
11-18	29.6	1- 5	29.7	2-24	37.5	4-13	29.0
11-24	27.6	1-19	30.2	3- 9	31.9	4-28	42.5
FREMONT SLOUGH BELOW SUTHERLAND POWER RETURN							
CANAL—Sec. 16-13-30 W.							
10-14	0.0	1-25	6.5	4-28	8.8	8- 1	0.0
11- 8	6.3	2-10	6.2	5- 9	7.2	8-15	.0
11-18	6.2	3- 9	7.8	5-29	29.3	8-25	.0
12-15	5.4	3-16	8.1	6-16	13.2	9- 8	.0
12-22	5.4	3-30	8.6	7- 3	13.2	9-22	.0
1- 5	7.0	4-13	7.7	7-21	.0	9-26	.0
1-19	7.2						
FRENCHMAN RIVER BELOW ENDERS DAM							
Sec. 3-5-37 W.							
10-31	3.8						
FRENCHMAN RIVER BELOW ENDERS DAM							
Sec. 10-5-37 W.							
10-31	2.9						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
FRENCHMAN RIVER AT WAUNETA							
Sec. 11-5-36 W.							
12-11	16.9	1-22	18.4	2-19	19.6	4- 2	19.0
GRAVEL CREEK							
Sec. 9-14-36 W.							
10-12	3.3	1-11	3.0	3-29	2.9	7-12	2.8
10-26	3.8	1-25	3.1	4-26	3.0	7-26	3.2
11-17	2.9	2-15	2.8	5-11	2.7	8-29	2.7
11-29	3.3	3-16	3.1	6-12	2.6	9-20	2.9
12-15	3.3						
GREENWOOD CREEK BELOW MEGLEMRE CANAL							
Sec. 3-18-50 W.							
3-15	10.9	5-11	3.1	7-17	0.1	8-21	0.1
3-26	9.9	5-24	2.9	7-24	.1	8-28	.1
4- 7	9.8	6- 7	.2	8- 1	.1	9-18	10.6
4-14	9.4	6-19	1.2	8- 7	.1	9-25	11.1
5- 4	8.7	7- 3	9.3	8-14	.1		
GREENWOOD CREEK BELOW NELSON CANAL							
Sec. 33-18-50 W.							
3-15	6.0	5-11	4.9	7-17	0.8	8-21	0.9
3-26	6.4	5-24	.6	7-24	.9	8-28	1.1
4- 7	6.7	6- 7	.3	8- 1	1.0	9-11	5.4
4-14	7.1	6-19	2.5	8- 7	1.0	9-18	6.2
5- 4	6.6	7- 3	5.1	8-14	1.1	9-25	5.8
GREENWOOD CREEK BELOW TRINNIER CANAL							
Sec. 28-18-50 W.							
3-15	9.0	5-11	0.1	7-17	0.1	8-21	0.0
3-26	8.9	5-24	.1	7-24	.1	8-28	.1
4- 7	8.2	6- 7	.1	8- 1	.1	9-11	10.8
4-14	9.3	6-19	.1	8- 7	.1	9-18	9.4
5- 4	9.3	7- 3	9.1	8-14	.1	9-25	9.2
GREENWOOD CREEK NEAR NORTH LINE							
Sec. 35-19-50 W.							
3-15	0.6	5-11	2.6	7-17	0.0	8-21	0.0
3-26	.3	5-24	.6	7-24	.0	8-28	.0
4- 7	.9	6- 7	.0	8- 1	.0	9-11	.7
4-14	.7	6-19	7.8	8- 7	.6	9-18	.1
5- 4	3.7	7- 3	10.7	8-14	1.0	9-25	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
GREENWOOD CREEK BELOW CAPRON CANAL							
Sec. 15-18-50 W.							
3-15	10.0	5-11	3.5	7-17	3.8	8-21	3.6
3-26	9.4	5-24	2.6	7-24	3.5	8-28	3.1
4- 7	9.9	6- 7	3.2	8- 1	2.8	9-11	13.3
4-14	10.0	6-19	3.9	8- 7	3.3	9-18	12.8
5- 4	9.9	7- 3	11.4	8-14	3.4	9-25	12.2
HAT CREEK ABOVE COFFEE CANAL							
Sec. 35-33-55 W.							
10-17	0.7	12-15	2.5	4-12	1.7	6-27	3.0
10-30	1.5	1-25	2.5	5-16	2.0	8-10	1.1
11-15	1.9						
HAT CREEK							
Sec. 16-32-55 W.							
10-17	0.2	11-15	0.3	4-12	0.5	8-11	0.5
10-30	.7	12-15	.6	6-27	.7		
HAWTHORNE CREEK NEAR ARCADIA							
Sec. 23-17-16 W.							
5-22	0.2						
HAYS CREEK NEAR ARCADIA							
Sec. 5-16-15 W.							
6-27	1.0						
HERSHEY DRAIN							
Sec. 33-14-32 W.							
10-19	17.1	1-25	19.4	4-10	19.2	7-20	23.5
12- 1	20.7	3- 6	20.8	5- 8	18.4	8- 3	21.6
12-16	19.4	3-23	18.8	6-11	29.3	8-24	24.4
1-12	18.7						
HOOVER CREEK							
Sec. 20-32-51 W.							
10- 6	0.0	1-25	0.0	3-24	0.1	7- 6	0.0
10-26	.0	2-19	.2	4-16	.0	8- 8	.0
11-17	.0	3- 9	.0	5-11	.1	9- 7	.1
HOOVER CREEK NEAR PALMYRA							
Sec. 29-9-10 E.							
5- 1	2470.0	5-21	61.0	6- 1	13100.0	6- 6	848.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
HORSE CREEK NEAR PARKS							
Sec. 23-1-39 W.							
10-17	2.9	5-7	2.0	7-3	2.1	9-18	3.0
INDIAN CREEK							
Sec. 16-32-50 W.							
10-6	0.0	3-9	0.1	4-23	0.0	8-14	0.0
10-23	.1						
INDIAN CREEK							
Sec. 5-32-50 W.							
3-9	0.1						
INDIAN CREEK							
Sec. 3-31-50 W.							
10-6	0.1	10-23	0.1	4-23	0.2	8-14	0.2
INDIAN CREEK							
Sec. 19-20-50 W.							
10-5	12.8	12-13	7.8	2-8	4.6	4-10	4.0
10-16	11.5	12-30	5.8	2-24	4.6	4-24	3.8
11-7	9.1	1-12	5.9	3-10	4.7		
11-28	6.7	1-22	5.5	3-24	5.6		
INDIAN CREEK NEAR MAX							
Sec. 23-2-36 W.							
10-10	3.3	7-17	3.6				
INDIAN CREEK NEAR RED CLOUD							
Sec. 4-1-11 W.							
4-18	1.7	7-23	18.4	8-10	2.6	9-14	2.5
JIM CREEK							
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-33-57 W.							
10-19	0.1	7-27	0.5				
JIM CREEK							
Sec. 8-33-56 W.							
10-19	0.0	3-16	0.0	9-17	0.0	9-25	0.0
KEITH-LINCOLN CO. DRAIN NO. 2							
Sec. 24-14-35 W.							
10-19	0.1	2-15	0.3	5-3	0.3	8-3	0.3
12-22	.0	3-9	.2	6-22	.4	8-29	2.3
1-25	.4	3-23	.3	7-20	.9	9-21	2.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

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.							
10-13	0.0	1-18	0.0	5- 4	0.0	7-19	0.0
11-20	.0	2- 7	.0	5-18	.0	8- 1	.0
12-13	.0	3- 5	.0	6-12	.0	9-13	.0
1- 5	.0	4-20	.0	6-28	.0		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 30							
Sec. 3-14-38 W.							
10-13	0.0	1-18	0.0	5- 4	0.0	7-19	0.0
11-20	.0	2- 7	.0	5-18	.0	8- 1	.0
12-13	.0	3- 5	.0	6-12	.0	9-13	.0
1- 5	.0	4-20	.0	6-28	.0		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 40							
Sec. 3-14-38 W.							
10-13	0.0	1-18	0.0	5- 4	0.0	7-19	0.0
11-20	.0	2- 7	.0	5-18	.0	8- 1	.0
12-13	.0	3- 5	.0	6-12	.0	9-13	.0
1- 5	.0	4-20	.0	6-28	.0		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 50							
Sec. 34-14-38 W.							
10-13	0.0	1-18	0.0	5- 4	0.0	7-19	0.0
11-20	.0	2- 7	.0	5-18	.0	8- 1	.0
12-13	.0	3- 5	.0	6-12	.0	9-13	.0
1- 5	.0	4-20	.0	6-28	.0		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 60							
Sec. 34-15-38 W.							
10-13	0.7	1-18	1.0	5- 4	0.9	7-19	1.4
11-20	1.1	2- 7	.9	5-18	.9	8- 1	1.3
12-13	1.1	3- 5	1.1	6-12	.9	9-13	1.3
1- 5	1.3	4-20	1.4	6-28	1.0		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 70							
Sec. 34-15-38 W.							
10-13	5.6	1-18	6.0	5- 4	5.2	7-19	6.2
11-20	6.1	2- 7	5.9	5-18	5.0	8- 1	6.6
12-13	6.1	3- 5	5.6	6-12	5.0	9-13	6.1
1- 5	5.8	4-20	5.6	6-28	5.5		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 80							
Sec. 34-15-38 W.							
10-13	8.8	1-18	9.3	5- 4	8.4	7-19	9.7
11-20	8.9	2- 7	8.9	5-18	8.2	8- 1	9.7
12-13	8.9	3- 5	8.6	6-12	8.0	9-13	9.4
1- 5	8.9	4-20	9.1	6-28	8.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

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.							
10-13	0.0	1-18	0.0	5- 4	0.0	7-19	0.0
11-20	.0	2- 7	.0	5-18	.0	8- 1	.0
12-13	.0	3- 5	.0	6-12	.0	9-13	.0
1- 5	.0	4-20	.0	6-28	.0		
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 100							
Sec. 34-15-38 W.							
10-13	2.5	1-18	3.4	5- 4	2.3	7-19	3.9
11-20	3.3	2- 7	3.4	5-18	3.0	8- 1	4.0
12-13	3.1	3- 5	2.9	6-12	2.8	9-13	3.1
1- 5	3.2	4-20	3.2	6-28	3.5		
LANE DRAIN							
Sec. 30-23-57 W.							
10- 9	7.2	1- 8	2.7	4-12	0.9	7-18	3.4
10-23	4.6	2- 8	1.2	4-26	1.1	8-22	11.3
11- 6	3.3	2-21	1.2	5- 9	.5	9-13	12.0
11-27	2.9	3-15	1.1	5-23	.7		
12-12	2.3	3-30	1.0	6- 6	1.2		
LARABEE CREEK							
Sec. 6-34-44 W.							
10-25	2.4	1-23	2.1	4-30	3.3	6-21	5.6
11-28	2.7	3-29	2.7	5-28	3.4	8-29	1.2
LAWRENCE FORK CREEK ON HIGHWAY 88							
Sec. 25-19-52 W.							
3-30	0.3	5-26	0.1	7- 7	2.7	8-25	0.1
4-13	.3	6- 2	.1	7-14	2.7	9- 1	334.0
4-28	.3	6- 9	.1	7-21	.0	9-23	1.7
5- 4	2.9	6-16	3.3	7-28	.0	9-29	2.0
5-11	.1	6-23	169.0	8- 4	.0		
5-19	3.2	6-30	5.9	8-18	.0		
LAWRENCE FORK CREEK BELOW CRIGLER CANAL							
Sec. 1-18-52 W.							
4-13	0.3	5-26	0.2	7-14	6.6	8-18	0.3
4-28	.1	6- 2	.1	7-21	.5	8-25	.1
5- 4	5.7	6- 9	.1	7-28	.3	9-29	5.9
5-11	.2	6-16	5.1	8- 4	.3		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LAWRENCE FORK CREEK BELOW RANDALL CANAL							
Sec. 21-18-52 W.							
3-30	0.4	5-19	0.3	7- 7	5.8	8-25	4.4
4- 4	.4	5-26	.3	7-14	5.3	9-15	6.9
4-13	.5	6- 2	.5	7-21	7.1	9-22	6.6
4-28	4.6	6- 9	.3	7-28	6.1	9-29	6.4
5- 4	5.2	6-16	.8	8- 4	4.6		
5-11	.4	6-30	5.8	8-18	5.4		
LAWRENCE FORK CREEK BELOW SPRING BRANCH							
Sec. 11-18-52 W.							
3-30	0.8	9-22	1.0				
LINCOLN COUNTY DRAIN NO. 1							
Sec. 30-14-30 W.							
10- 9	57.1	11-28	47.0	1-22	35.3	3-28	28.4
10-16	67.9	12- 4	46.7	2- 9	33.8	4- 3	26.1
10-23	67.6	12-18	39.9	2-26	31.8	4-11	29.2
10-30	67.9	12-21	40.4	3- 7	31.6	4-19	27.2
11- 6	58.4	1- 8	34.8	3-15	29.0		
11-14	53.4	1-15	34.6	3-22	28.4		
LINCOLN COUNTY DRAIN NO. 2							
Sec. 12-14-33 W.							
10-19	0.0	1-25	2.7	5- 8	2.2	8-24	4.7
12- 1	3.7	3- 6	2.8	6-11	6.9		
12-16	3.0	3-23	2.4	7-20	4.4		
1-12	2.4	4-10	2.6	8- 3	3.2		
LOGDGEPOLE CREEK ON WYOMING-NEBRASKA LINE							
Sec. 11-14-59 W.							
10-10	1.8	1-31	2.8	4-24	1.2	7- 9	2.0
10-16	2.1	2- 5	3.2	4-30	1.8	7-16	2.5
10-23	2.0	2-13	6.8	5- 7	1.2	7-23	3.8
11- 6	2.5	2-26	3.9	5-14	1.1	7-30	2.2
11-14	4.1	3- 5	7.1	5-21	2.4	8-20	1.8
11-20	3.8	3-12	4.3	5-28	.9	8-27	1.3
12-11	3.2	3-19	3.6	6- 4	1.1	9-10	6.6
12-18	3.7	3-27	3.4	6-11	1.6	9-17	3.2
1- 8	2.3	4- 2	3.7	6-18	1.0	9-24	3.1
1-15	2.0	4- 9	3.6	6-26	2.6		
1-22	3.2	4-16	3.8	7- 2	3.3		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW RUTTNER CANAL—Sec. 31-15-56 W.							
10- 3	3.0	1-31	3.1	4-24	3.8	7-16	3.8
10-10	3.0	2- 5	3.4	4-30	3.8	7-23	4.0
10-16	3.0	2-13	2.8	5- 7	3.8	7-30	2.7
10-23	3.0	2-20	3.1	5-14	3.5	8- 6	4.3
11- 6	3.0	2-26	3.0	5-21	4.1	8-13	4.1
11-14	3.0	3- 5	3.0	5-28	1.0	8-20	4.1
11-20	2.7	3-12	3.0	6- 4	3.0	8-27	6.6
12-11	3.0	3-19	3.0	6-11	4.3	9- 5	3.0
12-18	3.0	3-27	3.0	6-18	3.8	9-10	3.4
1- 8	3.0	4- 2	3.5	6-25	3.8	9-17	.0
1-15	3.1	4- 9	3.3	7- 2	1.0	9-24	2.4
1-22	3.0	4-16	3.4	7- 9	3.5		

LOGEPOLE CREEK NEAR KIMBALL
Sec. 29-15-55 W.

10-10	8.5	2-13	8.3	5- 7	8.0	7-31	7.1
10-16	7.8	2-20	9.0	5-14	5.0	8- 7	7.7
10-23	9.0	2-26	8.9	5-22	5.7	8-14	6.4
11- 6	8.4	3- 5	8.9	5-29	2.6	8-21	.2
11-14	8.9	3-12	15.6	6- 4	5.7	8-28	.1
11-20	9.5	3-19	11.3	6-12	11.4	9- 5	11.0
12-11	9.0	3-27	8.0	6-19	3.4	9-11	11.3
12-18	8.9	4- 2	7.9	6-26	9.3	9-17	7.8
1- 8	18.4	4- 9	7.7	7- 3	5.7	9-25	6.2
1-15	9.0	4-17	8.3	7- 9	.1		
1-22	8.3	4-18	8.6	7-16	3.9		
2- 5	11.4	4-30	7.6	7-23	5.1		

**LOGEPOLE CREEK ABOVE BENNETT RESERVOIR ON
WEST LINE—Sec. 28-15-55 W.**

10- 3	6.1	11-20	6.3	2-13	5.1	3-27	7.0
10-10	5.9	12-11	8.2	2-20	9.9	4- 2	9.0
10-16	6.3	12-18	7.4	2-26	9.4	4- 9	7.2
10-23	7.1	1- 8	5.2	3- 5	12.3	4-17	7.3
11- 6	6.3	1-15	13.0	3-12	7.5	4-24	8.1
11-14	7.4	1-22	8.1	3-19	15.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGGEPOLE CREEK BELOW BENNETT RESERVOIR							
Sec. 22-15-55 W.							
10- 3	2.2	1-31	3.5	4-25	0.1	7-17	1.1
10-10	1.0	2- 5	4.0	5- 1	.1	7-23	1.2
10-16	1.0	2-13	3.4	5- 7	.1	7-31	.1
10-23	1.2	2-20	3.4	5-15	.1	8- 7	.1
11- 6	.9	2-26	3.5	5-22	.1	8-14	.1
11-14	1.2	3- 5	3.2	5-29	.1	8-21	.1
11-20	2.1	3-12	.3	6- 5	.3	8-28	.1
12-11	2.9	3-19	.1	6-12	.2	9- 5	.1
12-18	3.3	3-27	.1	6-19	.5	9-11	.1
1- 8	3.0	4- 2	.1	6-26	8.1	9-18	.1
1-15	3.7	4- 9	.1	7- 3	8.9	9-25	.1
1-22	3.5	4-17	.1	7-10	.1		
LOGGEPOLE CREEK NEAR DIX							
Sec. 27-15-54 W.							
10-10	0.0	2-13	0.0	5- 1	0.0	7-17	0.0
10-16	.0	2-20	.0	5- 7	.0	7-24	.0
10-23	.0	2-26	.0	5-15	.0	7-31	.0
11- 6	.0	3- 5	.0	5-22	.0	8- 7	.0
11-20	.0	3-12	.0	5-29	.0	8-14	.0
12-11	.1	3-19	.0	6- 5	.0	8-21	.0
12-18	.6	3-27	.0	6-12	.0	8-28	.0
1- 8	.0	4- 2	.0	6-19	.0	9-11	.0
1-15	.0	4- 9	.0	6-25	7.1	9-18	.0
1-22	.0	4-17	.0	7- 3	4.8	9-25	.0
2- 5	6.9	4-25	.0	7-10	.0		
LOGGEPOLE CREEK NEAR POTTER							
Sec. 6-14-52 W.							
10-10	0.0	2- 5	0.0	4-25	0.0	7-10	0.0
10-16	.0	2-13	.0	5- 1	.0	7-17	.0
10-23	.0	2-20	.0	5- 7	.0	7-24	.0
11- 6	.0	2-26	.0	5-15	.0	7-31	.0
11-20	.0	3- 5	.0	5-22	.0	8- 7	.0
11-28	.0	3-12	.0	5-29	.0	8-14	.0
12-11	.0	3-19	.0	6- 5	.0	8-21	.0
12-18	.0	3-27	.0	6-12	.0	8-28	.0
1- 8	.0	4- 2	.0	6-19	.0	9-11	.0
1-15	.0	4- 9	.0	6-25	.0	9-18	.0
1-22	.0	4-17	.0	7- 3	.0	9-25	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGDEPOLE CREEK SOUTH OF BRONSON ON WEST LINE							
Sec. 19-14-50 W.							
10-10	0.1	1-16	0.0	5- 1	0.0	7-24	0.0
10-16	.0	1-23	.1	5-15	.0	7-31	.0
10-24	.1	2- 6	.1	5-22	.0	8- 7	.0
10-30	.5	2-12	.0	5-29	.0	8-14	.0
11- 6	.4	2-19	4.4	6- 5	.0	8-21	.0
11-15	.5	3- 7	.0	6-12	1.9	8-28	.0
11-20	.0	3-12	.0	6-19	.0	9-11	.0
11-28	.4	3-19	.0	6-26	18.9	9-18	.0
12-11	.0	3-28	.0	7- 3	9.5	9-25	.0
12-18	.0	4-17	.0	7-10	.0		
1- 9	.0	4-25	.0	7-17	.0		
LOGDEPOLE CREEK BELOW RUNGE CANAL ON SOUTH LINE							
Sec. 20-14-50 W.							
10-10	2.7	12-18	2.6	3-19	1.3	7-24	3.3
10-16	2.9	1- 9	2.5	3-28	.9	7-31	1.6
10-24	3.2	1-16	2.3	4- 3	.6	8- 7	1.6
10-30	3.0	1-23	2.8	4-17	.7	8-14	2.2
11- 6	2.7	2- 6	2.5	4-25	1.1	8-21	1.3
11-15	2.9	2-12	1.6	6-12	.4	8-28	2.5
11-20	2.9	2-19	2.3	7- 3	17.4	9-11	2.0
11-28	2.6	3- 7	1.2	7-10	3.7	9-18	2.0
12-11	2.7	3-12	1.2	7-17	2.8	9-25	2.2
LOGDEPOLE CREEK ON EAST LINE							
Sec. 33-14-50 W.							
10-17	2.6	12-19	2.4	6- 5	0.4	7-31	1.8
10-24	2.8	4-18	.8	6-12	.4	8-14	2.3
10-30	2.8	4-25	.8	6-20	.6	8-21	1.2
11- 6	2.8	5- 1	1.1	6-26	27.6	8-28	1.6
11-15	3.6	5- 8	1.2	7- 6	3.8	9-11	2.0
11-21	2.5	5-15	1.6	7-10	3.7	9-18	2.1
11-28	2.5	5-22	1.9	7-18	2.4	9-25	2.0
12-11	2.1	5-29	1.2	7-24	2.7		
LOGDEPOLE CREEK AT AIRPORT ON EAST LINE							
Sec. 34-14-50 W.							
10-17	1.2	12-19	1.6	6- 5	0.3	8-14	1.9
10-24	2.4	4-18	.8	6-12	.3	8-21	1.1
10-30	2.1	4-25	.9	6-20	.3	8-28	1.2
11- 6	2.4	5- 1	1.2	7- 6	3.6	9-11	1.4
11-15	2.4	5- 8	1.0	7-10	2.9	9-18	1.8
11-21	2.2	5-15	1.2	7-18	2.1	9-25	2.8
11-28	2.2	5-22	1.6	7-24	2.7		
12-15	2.4	5-29	.4	7-31	1.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGEPOLE CREEK NEAR SIDNEY CITY PARK							
Sec. 6-13-49 W.							
10-19	1.7	1- 9	1.3	4-18	0.5	7-10	3.3
10-17	.7	1-16	1.2	4-25	.8	7-18	2.6
10-24	1.0	1-23	.7	5- 1	.5	7-24	4.4
10-30	.9	2- 6	1.4	5- 8	.5	7-31	2.2
11- 7	1.2	2-12	1.3	5-15	.4	8-15	1.2
11-15	1.3	2-19	1.0	5-24	.6	8-24	4.0
11-21	1.4	3- 7	.6	5-29	.5	8-29	1.0
11-28	1.2	3-21	.5	6- 5	.7	9- 6	1.3
12-15	.9	3-28	.6	6-20	.4	9-27	1.3
12-19	1.0	4- 3	.5	6-29	4.6		
1- 5	1.0	4-10	.7	7- 6	4.4		
LOGEPOLE CREEK ON HIGHWAY 19							
Sec. 5-13-49 W.							
10-19	1.0	1- 9	0.7	4-18	0.4	7-10	3.2
10-17	.9	1-16	.7	4-25	.5	7-18	2.2
10-24	1.1	1-23	.8	5- 1	.3	7-24	3.2
10-30	1.0	2- 6	1.4	5- 8	.3	7-31	2.1
11- 7	.8	2-12	1.1	5-15	.3	8-15	1.2
11-15	1.3	2-19	1.1	5-24	.3	8-24	4.2
11-21	.9	3- 7	.4	5-29	.3	8-29	.8
11-28	1.0	3-21	.6	6- 5	.4	9- 6	.9
12-15	.6	3-28	.3	6-20	.5	9-27	1.0
12-19	.8	4- 3	.5	6-29	4.4		
1- 5	.8	4-10	.7	7- 6	4.5		
LOGEPOLE CREEK ABOVE KRUEGER CANAL							
Sec. 31-14-48 W.							
10- 9	8.2	1- 9	5.8	4-18	3.3	7-18	9.6
10-17	7.8	1-16	6.5	4-25	5.8	7-25	12.7
10-24	7.9	1-23	5.7	5- 2	7.0	7-31	9.8
10-30	6.8	2- 6	7.1	5- 8	6.7	8-15	6.8
11- 7	5.9	2-12	6.9	5-15	6.2	8-24	15.0
11-15	6.6	2-19	6.4	5-24	6.0	8-29	6.6
11-21	7.5	3- 7	5.9	5-29	5.1	9- 6	7.9
11-28	7.3	3-21	5.4	6- 5	5.8	9-27	6.6
12-15	6.7	3-28	6.4	6-20	5.0		
12-19	6.4	4- 3	6.4	6-29	19.2		
1- 5	5.7	4-10	7.3	7- 6	13.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGDEPOLE CREEK BELOW KRUEGER LAKE							
SW¼ Sec. 29-14-48 W.							
10- 9	8.0	1- 9	6.4	4-18	0.4	7-18	8.3
10-17	4.3	1-16	6.6	4-27	.1	7-25	9.2
10-24	4.3	1-23	3.7	5- 2	.1	8- 1	8.1
10-30	3.6	2- 6	6.0	5- 8	.3	8-15	5.2
11- 7	3.5	2-12	5.7	5-18	.7	8-24	27.5
11-15	4.6	2-19	5.6	5-24	.3	8-29	.3
11-21	4.6	3- 7	2.0	5-31	.3	9- 6	8.2
11-28	6.2	3-21	2.5	6- 7	.3	9-14	7.3
12-15	7.2	3-28	1.9	6-20	.3	9-27	5.8
12-19	6.8	4- 3	1.5	6-27	24.3		
1- 5	5.4	4-10	.2	7- 6	9.7		

LOGDEPOLE CREEK NEAR SUNOL
Sec. 36-14-48 W.

10- 9	9.5	1- 9	2.6	4-18	1.8	7- 6	15.3
10-17	6.0	1-16	2.2	4-27	1.8	7-13	12.8
10-24	5.7	1-23	2.9	5- 2	1.8	7-18	8.3
10-30	2.6	2- 6	2.9	5- 9	2.0	7-25	12.7
11- 7	4.2	2-12	3.7	5-18	2.5	8- 1	10.1
11-15	5.6	2-19	4.2	5-24	2.8	8-15	6.4
11-21	4.2	3- 7	3.2	5-31	2.0	8-24	14.3
11-28	5.5	3-21	2.4	6- 7	1.6	8-29	6.4
12-15	3.0	3-28	2.2	6-15	1.7	9- 6	10.4
12-19	2.9	4- 3	2.0	6-20	1.8	9-14	7.6
1- 5	3.0	4-10	2.2	6-27	52.7	9-27	6.8

LOGDEPOLE CREEK SOUTHEAST OF LOGDEPOLE
Sec. 32-14-46 W.

10- 9	15.3	1-16	8.6	4-27	10.1	7-25	28.2
10-17	12.4	1-23	7.4	5- 2	6.4	8- 3	12.3
10-24	11.0	2- 6	7.4	5- 9	4.0	8-15	6.1
10-30	6.8	2-12	12.5	5-18	20.1	8-22	6.3
11- 7	8.6	2-19	9.1	5-23	6.2	8-31	8.1
11-15	11.6	3- 7	9.1	5-31	2.5	9- 6	71.7
11-21	10.8	3-13	6.8	6- 6	2.2	9-14	17.3
11-28	10.5	3-23	7.7	6-15	2.3	9-20	14.3
12-15	9.8	3-28	5.6	6-22	7.3	9-28	14.2
12-19	8.4	4- 3	5.4	6-27	58.0		
1- 5	7.4	4-10	5.9	7-13	21.7		
1- 9	7.8	4-19	4.8	7-18	15.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGDGEPOLE CREEK NEAR CHAPPELL ON EAST LINE							
Sec. 21-13-45 W.							
10- 9	18.8	1-16	14.4	4-27	9.1	7-27	25.3
10-17	16.8	1-23	14.9	5- 2	7.4	8- 3	15.9
10-24	16.0	2- 6	9.7	5- 9	7.5	8-17	12.2
10-30	7.9	2-12	13.0	5-18	10.6	8-22	11.1
11- 7	9.3	2-19	13.8	5-23	15.8	8-31	15.4
11-15	10.0	3- 7	12.4	5-31	6.3	9- 6	77.0
11-21	15.1	3-13	12.2	6- 6	8.9	9-14	31.8
11-28	16.6	3-23	9.3	6-15	8.2	9-20	26.2
12-15	13.5	3-28	3.2	6-20	5.2	9-28	24.9
12-19	14.5	4- 3	6.8	6-27	72.8		
1- 5	17.8	4-10	8.3	7-13	28.4		
1- 9	11.2	4-19	8.2	7-20	20.4		
LOGDGEPOLE CREEK AT INTERSTATE STATION							
Sec. 24-12-45 W.							
10- 9	24.4	11-15	14.6	1- 5	11.8	2-12	15.8
10-17	20.7	11-21	18.2	1- 9	17.8	2-19	16.7
10-24	14.2	11-28	17.4	1-16	19.1	4-27	6.0
10-30	9.8	12-15	17.6	1-23	10.7		
11- 7	15.2	12-19	15.2	2- 6	14.3		
LOGDGEPOLE CREEK AT INTERSTATE STATION (COLO-NEBR)							
AT RALTON—Sec. 12-12-45 W.							
2-19	15.2	4-19	1.9	6-22	15.4	8-31	18.9
3- 7	12.9	5- 2	11.6	6-27	66.6	9- 6	88.7
3-13	20.7	5- 9	11.1	7-13	33.1	9-14	43.0
3-21	10.8	5-18	21.7	7-20	27.3	9-20	34.7
3-23	9.9	5-23	26.9	7-27	31.5	9-28	29.6
3-28	5.6	5-31	15.6	8- 3	21.8		
4- 3	4.7	6- 6	16.5	8-17	13.9		
4-10	7.2	6-15	15.0	8-22	14.9		
LONERGAN CREEK, WEST							
Sec. 7-15-39 W.							
10-13	5.5	12-14	4.9	3- 9	6.4	7-18	6.7
10-31	5.3	12-29	6.0	3-28	6.7	8-27	5.2
11-15	5.4	1-16	6.0	4-27	6.2	9-17	5.8
11-30	5.3	2-18	6.0	5- 9	5.8		
LONE TREE CREEK							
Sec. 31-49-34 W.							
9-24	0.5						
LOST CREEK							
Sec. 1-16-44 W.							
10-19	5.8	11-15	4.8	4-11	0.7	8- 9	9.5
10-31	2.6	3-12	2.0	5-24	2.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOUP RIVER, MIDDLE, NEAR MILBURN							
Sec. 9-21-21 W.							
10- 3	825.0	1-25	820.0	5- 1	913.0	8-22	784.0
10-17	824.0	2- 6	813.0	5-29	888.0	9- 7	949.0
10-31	813.0	2-21	909.0	6-12	839.0	9-18	768.0
11-16	757.0	3- 6	846.0	6-27	944.0	9-25	751.0
11-30	843.0	3-21	685.0	7-10	882.0		
12-28	714.0	4- 3	748.0	7-24	708.0		
1-10	813.0	4-17	754.0	8- 8	866.0		
LOUP RIVER, NORTH, NEAR BURWELL							
Sec. 15-21-16 W.							
10- 9	461.0	1- 4	453.0	4-10	624.0	7-30	489.0
10-23	508.0	1-16	702.0	4-24	636.0	8-13	618.0
11- 2	488.0	2-14	536.0	5-22	1070.0	8-14	577.0
11- 8	562.0	2-27	579.0	6- 5	767.0	8-28	637.0
11-21	565.0	3- 8	582.0	6-19	693.0	9-10	758.0
12- 5	78.9	3-13	443.0	7- 3	944.0	9-17	663.0
12-20	651.0	3-27	575.0	7-16	581.0		
LOUP RIVER, NORTH, NEAR ORD							
Sec. 22-19-14 W.							
10- 9	798.0	5- 7	913.0	7- 2	1110.0	8-14	1080.0
10-25	824.0	5-21	1520.0	7-16	1060.0	8-28	1040.0
4- 9	914.0	6- 4	1350.0	7-30	866.0	9-11	1320.0
4-23	1030.0	6-19	1340.0	8-13	1840.0	9-24	1080.0
LOUP RIVER, SOUTH, NEAR CALLAWAY							
Sec. 2-15-23 W.							
10- 4	78.9	12-28	90.7	3-20	86.2	7- 9	94.1
10-19	76.2	1-10	75.6	4- 2	84.8	7-23	108.0
11- 1	76.6	1-23	74.1	4-17	88.6	8- 6	88.4
11-14	76.1	2- 6	78.4	5- 1	111.0	8-21	77.4
11-28	79.6	2-21	87.7	5-22	227.0	9- 5	126.0
12-12	78.6	3- 6	95.3	6-19	109.0	9-18	94.1
MELBETA DRAIN ONE-HALF MILE WEST OF MELBETA BRIDGE							
Sec. 13-21-54 W.							
10- 2	3.9	12-13	3.0	2-23	3.0	4-25	3.7
10-16	3.9	12-29	3.3	3- 9	2.0		
11- 6	3.2	1-12	2.9	3-22	3.1		
11-28	3.1	2- 7	3.1	4-10	2.8		
MOFFAT DRAIN							
Sec. 25-22-53 W.							
10-23	7.5						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

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.							
10-17	0.0	1-30	0.0	3-22	1.5	5- 8	0.1
10-30	.2	2- 8	.0	4- 2	2.4	6-15	.4
11-15	1.3	2-15	.0	4-12	1.6	7-27	.8
12-15	.8	2-20	.0	4-19	2.0	8-10	.5
1-16	.0	2-26	.0	5- 4	.1	8-23	.5
1-25	.0	3-12	.0	5- 5	.1	9-25	.0
MONROE CREEK							
Sec. 27-33-56 W.							
2-15	1.4	3-16	2.0	6- 7	0.0	6-15	0.0
2-27	.2	3-22	1.4				
MONROE CREEK ABOVE JORDAN RESERVOIR							
Sec. 23-33-56 W.							
10-17	0.1	2- 8	0.2	3-22	0.2	6-27	1.4
10-30	.8	2-15	.6	4- 2	.3	7-27	1.0
11-15	1.5	2-20	.1	4-12	.2	8-10	.8
12-15	.4	2-27	.3	5- 5	.3	8-23	.5
1-16	.3	3-12	.6	6- 7	.0	9-25	.2
1-25	.3	3-15	.8	6-15	3.8		
MONROE CREEK BELOW JORDAN CANAL							
Sec. 22-33-56 W.							
2- 8	0.0	2-20	0.0	2-27	0.0	3-22	0.0
2-15	.0						
MOON CREEK NEAR LOUP CITY							
Sec. 10-15-15 W.							
8-29	.2						
MUD CREEK NEAR BROKEN BOW							
Sec. 32-17-20 W.							
7-21	51.0						
MUNSON CREEK NEAR ELBA							
Sec. 33-16-11 W.							
6- 8	1.2						
NEW YORK CREEK NEAR SPIKER							
Sec. 15-19-10 E.							
7- 2	6020.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
NEW YORK CREEK NEAR SPIKER							
Sec. 17-19-10 E.							
7- 2	3090.0						
NIORRARA RIVER AT WYOMING-NEBRASKA STATE LINE							
Sec. 20-31-57 W.							
10-10	4.1	11-30	6.8	4-13	10.7	8-23	3.8
11- 7	4.9	1- 9	3.2	6-15	6.2		
11-16	5.0	2-20	3.8	7-13	5.5		
11-21	6.3	3-28	4.9	8- 7	3.2		
NIORRARA RIVER SOUTH OF HARRISON							
Sec. 9-29-56 W.							
10- 9	11.4	1- 9	13.5	4-13	5.6	8- 7	5.4
11- 7	6.6	3- 5	15.8	6-14	12.0		
11-21	10.5	3-28	4.3	7-13	10.0		
NIORRARA RIVER NEAR AGATE							
Sec. 7-28-55 W.							
10-10	12.9	1-12	20.6	4-10	13.2	7-10	9.1
10-27	7.8	3-13	28.3	6-14	10.7	8- 2	11.9
NIORRARA RIVER BELOW MOUTH OF WHISTLE CREEK							
Sec. 7-28-53 W.							
10-10	0.0	1-12	32.8	4-10	9.7	6-12	19.9
10-27	6.1	3-13	11.9	5- 6	14.1	7-10	9.6
NIORRARA RIVER EAST OF MARSLAND							
Sec. 36-29-51 W.							
10-11	23.3	6- 8	28.0	6-22	15.7	7-18	17.7
4-18	24.1						
NIORRARA RIVER BELOW POTMESIL DIVERSION							
Sec. 26-29-48 W.							
5-31	1.1	6-13	1.2	7- 3	0.7	7-18	11.4
6- 8	.3	6-26	12.4	7-12	9.9		
NIORRARA RIVER SOUTH OF RUSHVILLE							
Sec. 28-30-44 W.							
10-25	73.0	3-30	90.3	5-28	47.1	8-28	74.2
11-28	85.3	4-30	63.7				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

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.							
10-13	21.6	12-29	20.8	3-28	18.9	8-27	24.2
10-31	22.8	1-16	21.5	4-27	20.0	9-17	21.0
11-15	23.9	2- 7	20.6	5- 9	20.5		
11-30	23.5	2-18	21.8	7-18	20.7		
12-14	22.4	3- 9	21.8	9- 8	19.5		
OWL CREEK NEAR SYRACUSE							
Sec. 18-8-11 E.							
6- 1	11500.0						
PAWNEE CREEK							
Sec. 4-12-27 W.							
10-22	5.0	1-25	7.7	5- 9	7.1	7-10	7.4
11- 8	6.5	2- 9	7.6	5-22	22.8	7-17	21.4
11-24	3.1	2-23	9.8	5-31	140.0	8- 7	7.6
12-15	9.5	3- 8	8.7	6- 6	11.4	8-15	5.0
12-21	12.6	3-24	9.0	6- 8	260.0	8-29	7.3
1- 5	9.6	4- 6	21.2	6-13	12.7	9-12	5.6
1-19	9.2	4-21	11.3	6-26	26.2	9-26	8.3
PINE CREEK NEAR COLCLESSER MILL							
Sec. 33-30-44 W.							
10-25	17.3	1-23	24.9	4-30	30.8	8-28	15.9
11-28	21.2	3-30	23.5	5-28	20.6		
PLUM CREEK NEAR FARNAM							
Sec. 35-9-26 W.							
6- 8	1170.0						
PRAIRIE CREEK NEAR GRAND ISLAND							
Sec. 16-12-9 W.							
6-29	31.9	8-16	12.6				
PRAIRIE DOG CREEK							
Sec. 17-33-55 W.							
10-17	0.0	11-15	0.0	4-12	0.0	8-10	0.0
10-19	.0	12-15	.0	5-25	.0	8-23	.0
10-30	.0	1-25	.0	6-15	.0		
PUMPKINSEED CREEK ON GERING-KIMBALL HIGHWAY							
Sec. 4-19-55 W.							
3-29	1.4	5-17	3.6	7-12	3.1	8-30	1.8
4- 4	1.6	5-25	5.1	7-19	2.8	9-12	4.3
4-12	1.5	6- 8	4.7	7-26	1.4	9-19	5.9
4-20	1.8	6-14	7.2	8- 2	1.2	9-26	5.0
4-26	8.1	6-21	5.4	8-10	1.1		
5- 3	7.2	6-28	4.2	8-16	.6		
5-10	7.0	7- 5	7.7	8-23	.7		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
PUMPKINSEED CREEK ABOVE HEARD CANAL							
Sec. 14-19-54 W.							
3-16	8.5	5-10	4.0	7- 5	2.9	8-30	1.0
3-29	4.8	5-17	5.7	7-26	1.3	9-12	6.7
4- 4	4.1	5-25	3.8	8- 2	.8	9-19	3.8
4-12	1.0	6- 8	2.2	8-10	1.5	9-26	3.5
4-20	2.0	6-14	7.2	8-16	.6		
5- 3	3.5	6-28	10.8	8-23	1.3		
PUMPKINSEED CREEK ON WEST LINE							
Sec. 18-19-53 W.							
3-16	8.5						
PUMPKINSEED CREEK							
Sec. 22-19-53 W.							
3-16	8.6	3-29	5.6				
PUMPKINSEED CREEK BELOW MUTUAL CANAL							
Sec. 33-19-52 W.							
4- 4	4.3	6- 1	3.4	7-12	5.3	8-30	0.8
4-12	3.2	6- 8	13.1	7-19	1.9	9-12	12.3
4-20	1.5	6- 8	6.2	7-26	4.7	9-19	9.4
5- 3	2.6	6-14	8.0	8- 2	4.6	9-26	8.9
5-10	5.4	6-21	2.0	8-10	5.1		
5-17	4.3	6-28	13.5	8-16	1.7		
5-25	7.0	7- 5	.7	8-23	1.9		
PUMPKINSEED CREEK BELOW SMITH-WHEELER DIVERSION							
Sec. 26-19-51 W.							
4- 4	15.2	6- 1	12.5	7-26	12.9	8-30	8.1
4-12	9.9	6-21	10.8	8- 2	12.4	9-12	25.2
4-20	7.9	7- 5	11.2	8-10	11.5	9-19	19.0
5-17	11.9	7-12	17.9	8-16	9.1	9-26	17.0
5-25	14.8	7-19	13.0	8-23	8.7		
PUMPKINSEED CREEK SOUTH OF BRIDGEPORT							
Sec. 28-19-50 W.							
4- 4	23.8	5-17	15.9	7- 5	8.4	8-16	3.7
4-13	18.0	5-25	13.8	7-12	10.7	8-23	4.1
4-20	17.4	6- 1	3.8	7-19	14.4	8-30	3.9
4-26	18.2	6- 7	5.4	7-26	13.0	9-12	35.4
5- 3	4.2	6-21	4.6	8- 2	5.2	9-19	30.4
5-10	8.0	6-28	13.3	8-10	3.0	9-26	28.8
RED WILLOW CREEK NEAR McCOOK							
Sec. 6-4-29 W.							
4-17	29.6	8-24	22.6	9-25	26.5		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
REPUBLICAN RIVER NEAR MAX							
Sec. 32-2-36 W.							
10-10	78.2						
ROPE CREEK NEAR ALMA							
Sec. 25-2-19 W.							
4-18	1.5	7-20	1.1	8-10	0.8	9-14	0.8
SAND CREEK BELOW BENDIX CANAL							
Sec. 33-33-53 W.							
10-13	0.0	12-12	0.6	2-23	0.9	7-23	0.0
10-31	.0	1-11	.0	4-7	.0	8-8	.0
11-17	.0	2-9	.2	4-21	.0	8-21	.0
SAND CREEK ABOVE NEW HIGHWAY							
Sec. 34-16-40 W.							
10-13	3.5	12-14	4.0	3-9	5.1	7-18	4.4
10-31	3.8	12-29	4.3	3-28	4.4	8-27	4.2
11-15	6.2	1-16	3.5	4-27	3.3	9-17	4.8
11-30	4.3	2-18	5.5	5-9	3.5		
SARBEN SLOUGH							
Sec. 20-14-35 W.							
10-6	9.5	11-17	8.0	1-11	6.7	3-23	7.1
10-12	8.2	11-29	8.3	1-25	6.7	4-14	7.0
10-19	8.8	12-15	7.3	2-15	7.8	4-26	8.1
10-26	9.2	12-22	7.8	3-9	7.9		
SCOTTSBLUFF DRAIN NO. 1							
Sec. 25-22-55 W.							
10-2	13.0	1-18	10.7	3-22	8.1	8-27	19.0
10-17	11.8	2-7	7.5	4-3	6.7	9-24	11.9
11-29	11.1	2-23	10.0	4-25	6.9		
12-11	11.0	3-9	6.5	7-26	12.0		
SCOTTSBLUFF DRAIN NO. 2							
Sec. 34-22-54 W.							
10-2	3.8	12-29	1.2	3-9	0.7	7-26	11.5
10-17	2.1	1-18	1.0	3-22	.9	8-27	16.7
11-30	1.8	2-7	.8	4-3	.9	9-24	15.6
12-11	1.4	2-23	.6	4-17	.8		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SCOUT CREEK NEAR NORTH PLATTE							
Sec. 20-14-30 W.							
10- 9	0.4	1-15	0.1	4-25	0.0	7-11	3.9
10-16	8.8	1-22	.2	5- 2	11.2	7-17	4.2
10-23	34.3	2- 9	.3	5- 9	5.7	7-24	7.3
10-30	35.1	2-26	.9	5-15	170.0	7-31	11.7
11- 6	22.4	3- 7	.5	5-23	12.1	8- 9	16.6
11-14	.8	3-15	.2	5-31	2.6	8-14	29.2
11-28	.4	3-22	.2	6- 6	.9	8-22	20.3
12- 4	.4	3-28	.3	6-14	27.7	8-31	9.4
12-18	.4	4- 3	1.1	6-20	7.0	9-10	7.2
12-21	.4	4-11	1.9	6-27	6.5	9-18	12.4
1- 8	.1	4-19	.1	7- 5	3.0	9-26	13.0
SHELDON DRAIN							
Sec. 14-11-26 W.							
10-31	7.8	1-23	7.6	5- 8	8.9	8-28	11.4
11-17	7.6	2- 9	7.7	6- 5	11.0	9-11	11.4
12-21	7.7	3- 8	7.8	7-17	10.6	9-25	.0
12-29	8.4	3-22	7.3	7-31	11.3		
1-11	8.2	4-12	7.7	8-14	11.6		
SILVER CREEK NEAR CEDAR BLUFFS							
Sec. 11-16-7 E.							
5-31	2870.0						
SILVER CREEK NEAR COLON							
Sec. 6-15-8 E.							
5-31	2740.0	6-1	55.0				
SILVER CREEK NEAR GRAND ISLAND							
Sec. 28-12-9 W.							
6-29	0.4	8-16	0.1	8-23	0.0		
SILVERNAIL DRAIN							
Sec. 6-19-49 W.							
10- 4	7.4	11-14	6.7	1-12	5.6	3-24	6.6
10-16	8.3	11-28	6.9	1-23	5.4	4-11	5.3
10-23	7.9	12-14	5.9	2-14	4.9		
10-31	5.8	12-28	6.3	3- 6	5.3		
SKUNK CREEK							
Sec. 1-14-37 W.							
10-12	2.3	1-11	3.5	4-26	2.9	8-29	2.6
10-26	2.5	1-25	2.7	5-11	2.4	9-20	2.9
11-17	3.1	2-15	3.2	6-12	3.0		
11-29	3.0	3-16	3.6	7-12	2.8		
12-15	2.7	3-29	3.4	7-26	2.9		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SNAKE CREEK ON ALLIANCE-BRIDGEPORT HIGHWAY							
Sec. 17-24-48 W.							
10-25	0.0	1-19	0.0	4-11	0.0	7-11	0.0
11-22	.0	2-16	.0	5-16	.0	8- 9	.0
12-20	.0	3-14	.0	6-13	.0	9-13	10.0
SNAKE CREEK SOUTHEAST OF ALLIANCE							
Sec. 29-24-47 W.							
10-25	1.0	1-19	1.9	4-11	0.8	7-11	1.0
11-22	1.7	2-16	2.1	5-16	1.7	8- 9	.2
12-20	2.2	3-14	2.6	6-13	.5	9-13	1.8
SNAKE CREEK NEAR ANTIOCH							
Sec. 7-24-45 W.							
10-25	0.0	9-13	0.0				
SNAKE CREEK ABOVE ELMORE RESERVOIR							
Sec. 32-25-51 W.							
10-25	2.6	1-19	2.4	4-11	4.5	7-11	4.0
11-22	3.0	2-16	4.2	5-16	4.8	8- 9	4.5
12-20	2.6	3-14	3.7	6-13	4.0	9-13	2.6
SOLDIER CREEK ABOVE FT. ROBINSON RESERVOIR							
Sec. 3-31-53 W.							
10-13	2.6	2-23	2.5	6-11	2.2	8-20	1.5
10-31	1.6	3-10	2.3	7- 6	1.8	9-10	1.7
11-17	2.7	3-24	2.8	7-23	1.3		
12-16	2.2	4-13	2.0	8- 1	1.3		
2- 5	1.2	5-14	2.8	8- 8	1.2		
SOW BELLY CREEK							
Sec. 17-33-55 W.							
10-17	0.0	12-15	1.0	4-12	0.0	6-15	0.0
10-30	.0	1-25	.3	5-25	.0	8-23	.0
11-15	.0						
SOW BELLY CREEK BELOW ZIMMERMAN CANAL							
Sec. 34-33-55 W.							
10-19	0.0	10-16	1.7	5-25	0.0	6-15	0.0
10-30	.0	5-16	.0				
SOW BELLY CREEK							
Sec. 5-32-55 W.							
10-19	0.0	1-25	3.8	5-16	0.0	6-15	1.7
10-30	.0	4-12	.2	5-25	.0	7- 5	1.9
11-16	3.2						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SPOTTED TAIL CREEK, WET							
Sec. 6-22-55 W.							
10- 2	20.4	1-19	13.2	4-17	11.3	8- 6	13.4
10-16	16.0	2- 9	14.4	5- 8	13.5	8-20	14.4
11- 6	18.0	2-23	12.6	5-28	12.5	9-11	15.1
11-27	16.7	3- 9	13.1	6-11	13.8	9-25	15.9
12-12	16.3	3-22	12.6	7- 2	13.0		
1- 3	15.4	4- 3	11.3	7-23	12.9		
SPRING CREEK NEAR BUTTE							
Sec. 25-34-13 W.							
5- 3	2.2						
SPRING CREEK, TRIBUTARY TO SOW BELLY CREEK							
Sec. 34-33-55 W.							
10-19	0.0	11-16	0.0	4-12	0.0	5-25	0.0
10-30	.0	12-12	.4	5-16	.1	6-15	.0
SPRING CREEK, TRIBUTARY TO LITTLE COTTONWOOD CREEK							
Sec. 13-32-52 W.							
10- 8	0.2	2-23	0.4	8- 6	0.0	8-21	0.0
12-12	.2						
SQUAW CREEK BELOW SHEPHERD CANAL							
Sec. 36-34-57 W.							
10-19	0.0	9-17	0.0				
SQUAW CREEK ABOVE McDOWELL RESERVOIR							
Sec. 12-31-52 W.							
10-13	0.2	2- 6	0.2	7- 6	0.3	9- 7	0.5
10-31	.3	2-16	.3	8- 8	.2	9-20	.0
11-17	.3	3-25	.4	8-24	.0	9-29	.0
11-25	.2	4-16	.3	8-25	.0		
12-12	.4	5-11	.4	8-28	.0		
1-19	.3	6- 6	.6	8-31	.0		
SQUAW CREEK BELOW McDOWELL RESERVOIR							
Sec. 1-31-52 W.							
10-13	0.1	2- 6	0.2	7- 6	0.3	9- 7	2.0
10-31	.1	2-16	.2	8- 8	.7	9-20	.6
11-17	.2	3-25	.2	8-24	.4	9-29	.6
11-25	.2	4-16	.2	8-25	.4		
12-12	.3	5-11	1.0	8-28	.4		
1-19	.3	6- 6	.8	8-31	.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
STINKING WATER CREEK							
Sec. 18-6-35 W.							
10- 2	20.2	10-16	22.0				
STOVE CREEK NEAR ELMWOOD							
Sec. 15-10-10 E.							
6- 1	5280.0						
STREVER CREEK NEAR OVERTON							
Sec. 1-8-20 W.							
10-26	11.5	1-23	11.8	5- 4	21.7	8- 9	57.2
11-13	11.6	2-19	14.1	5-24	21.7	9-13	39.1
12-12	13.3	3- 5	14.2	6- 8	26.1		
12-18	17.0	3-20	11.9	6-28	101.0		
1-10	10.2	4-10	12.6	7-26	52.3		
SWEET AND CHERRY CREEKS NEAR CAIRO							
Sec. 13-12-13 W.							
8- 9	0.0	8-31	0.0	9- 6	8.7	9-19	0.0
8-16	.0						
TEKAMAH CREEK, SOUTH, NEAR TEKAMAH							
Sec. 27-21-10 E.							
7- 3	1400.0						
TEKAMAH CREEK, SOUTH, NEAR TEKAMAH							
Sec. 29-21-10 E.							
7- 3	834.0						
TUB SPRINGS ABOVE ENTERPRISE CANAL							
Sec. 33-23-55 W.							
5- 2	36.8	6- 4	25.2	7-23	31.3	8-28	44.7
5- 8	42.7	6-11	52.4	7-30	72.6	9-11	83.8
5-14	23.0	6-18	20.1	8- 7	50.8	9-18	40.2
5-21	22.4	7- 9	56.4	8-14	39.1	9-25	43.0
5-28	24.2	7-16	61.6	8-21	39.4		
TURKEY CREEK NEAR DANNEBROG							
Sec. 26-14-11 W.							
6-29	1.8	8-16	1.2				
VERDIGRE RIVER NEAR VERDIGRE							
Sec. 8-30-6 W.							
10-10	139.0	1-31	77.7	4- 4	175.0	6-18	813.0
10-26	126.0	2-14	73.5	4-13	240.0	7- 2	434.0
11-10	63.2	2-25	253.0	4-24	366.0	7-30	111.0
11-20	98.2	3-14	127.0	5- 2	224.0	8-17	239.0
12-19	149.0	3-22	249.0	5-10	185.0		
1- 3	91.4	3-23	1040.0	5-29	185.0		
1-17	140.0	3-26	1540.0	6- 4	173.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
VICTORIA CREEK NEAR GATES							
Sec. 2-19-21							
6-27	6.8	8-22	7.3				
WAGNER CREEK NEAR COMSTOCK							
Sec. 3-18-17 W.							
6-12	59.4	5-22	0.8	8-21	0.5	9-18	0.2
WAHOO CREEK, NORTH FORK, NEAR PRAGUE							
Sec. 24-15-5 E.							
5-31	12800.0						
WAHOO CREEK, NORTH FORK, NEAR WESTON							
Sec. 10-14-6 E.							
5-31	9600.0	5-31	392.0				
WALNUT RUN CREEK NEAR FRANKLIN							
Sec. 32-2-14 W.							
4-18	0.4	7-20	0.3	8-10	0.2	9-14	0.4
WARBONNET CREEK ABOVE WARBONNET CANAL							
Sec. 21-33-56 W.							
10-19	1.8	12-15	2.8	4-19	4.1	6-27	2.1
11-16	1.7	1-25	1.4				
WARBONNET CREEK BELOW WARBONNET CANAL							
Sec. 20-33-56 W.							
10-19	1.1	12-15	2.1	4-19	0.2	9-25	1.0
11-16	2.0	1-25	2.2				
WEEPING WATER CREEK, NORTH BRANCH, NEAR ELMWOOD							
Sec. 10-10-10 E.							
6- 1	4800.0						
WEEPING WATER CREEK, NORTH BRANCH, NEAR WEEPING							
WATER—Sec. 7-10-12 E.							
6- 1	16200.0						
WHISTLE CREEK							
Sec. 12-28-54 W.							
10-10	0.0	1-12	0.0	4-10	0.2	6-12	1.0
10-27	.0	3-13	.0	5- 6	.4	7-10	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
WHITE CLAY CREEK NEAR CRAWFORD							
Sec. 2-31-52 W.							
10-13	2.0	1-19	2.3	4-16	1.2	9- 7	2.0
10-31	2.1	2- 6	4.1	5-11	1.9		
11-17	2.0	2-16	4.1	7- 6	2.3		
11-25	3.1	3-25	2.7	8- 8	2.2		
WHITE CLAY CREEK ABOVE WHITNEY DIVERSION							
Sec. 26-32-52 W.							
10-13	1.3	1-19	1.4	4-16	0.8	7- 6	0.8
10-31	1.6	2- 6	.8	4-30	.0		
11-17	1.6	2-16	.9	5-11	.0		
11-25	1.9	3-25	1.2	5-24	.0		
WHITE CLAY CREEK ABOVE JUNCTION WITH LARABEE CREEK—Sec. 6-34-44 W.							
10-25	2.9	1-23	1.9	4-30	5.0	6-21	4.3
11-28	3.9	3-29	2.4	5-28	2.7	8-28	1.9
WHITE HORSE CREEK NEAR GANNETT							
Sec. 5-13-29 W.							
10-22	12.7	1-25	18.2	5- 9	14.4	7-21	44.1
11- 8	14.5	2- 9	20.2	5-15	97.3	8- 7	11.8
11-24	13.9	2-23	42.6	5-22	61.9	8-15	25.2
12-15	.0	3- 8	29.1	6- 6	24.9	8-29	17.3
12-21	20.4	3-24	24.4	6-13	72.3	9-12	22.3
1- 5	21.2	4- 6	41.6	6-26	77.3	9-26	15.4
1-19	20.3	4-21	25.9	7-10	23.1		
WHITE RIVER ABOVE WHITNEY DIVERSION							
Sec. 26-32-52 W.							
10- 2	18.2	1-15	28.8	5-24	13.1	8-25	11.1
10- 7	17.8	2-17	29.6	6- 6	22.6	8-31	12.0
10-14	23.0	3-14	25.2	6-23	20.0	9-22	16.2
10-28	15.8	3-30	21.5	7- 7	15.6		
11-18	18.8	4-17	22.6	7-14	18.1		
12- 2	17.6	5-11	16.2	8- 4	17.2		
WHITE RIVER BELOW WHITNEY DIVERSION							
Sec. 26-32-52 W.							
10- 2	5.6	1-15	10.6	5-11	8.8	8- 4	11.2
10- 7	2.9	2- 5	3.4	5-24	4.7	8-11	8.8
10-14	17.2	2-17	11.6	6- 6	31.3	8-21	1.5
10-28	10.8	3-14	8.9	6-23	24.0	8-25	.2
11-18	4.7	3-30	4.1	7- 7	16.6	8-31	1.0
12- 2	5.0	4-17	5.4	7-14	6.6	9-22	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
WHITE TAIL CREEK							
Sec. 36-15-38 W.							
10-20	31.1	1-18	31.1	5-11	28.8	8-28	28.3
11-17	30.8	2- 7	31.4	6-12	31.2	9-13	28.0
11-29	29.9	3- 5	29.4	6-21	29.6		
12-20	32.0	3-19	29.0	7-12	30.4		
1- 5	30.2	4-27	31.2	7-26	29.8		
WIGGLE CREEK NEAR LOUP CITY							
Sec. 7-14-14 W.							
8-29	0.0						
WILLOW CREEK NEAR GUIDE ROCK							
Sec. 1-1-10 W.							
4-18	0.6	7-23	6.8	8-10	0.8	9-14	0.7
WOOD RIVER NEAR GRAND ISLAND							
Sec. 27-11-9 W.							
7-27	13.8	9-20	7.6				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
ALLIANCE DRAIN							
Sec. 20-22-53 W.							
10- 2	18.6	3- 5	7.0	6-24	8.9	8-12	5.5
10-17	18.3	3-21	7.6	7- 1	12.1	8-18	4.2
11-19	13.2	4- 8	3.8	7- 8	4.8	8-26	3.9
12-14	10.9	4-29	4.5	7-15	14.8	9- 9	5.9
1- 7	9.9	5-15	.3	7-22	6.7	9-16	9.6
1-30	9.7	6- 9	1.4	7-29	9.2	9-23	7.2
2-15	10.1	6-16	13.5	8- 5	7.2	9-30	23.1
ANTELOPE CREEK							
Sec. 26-34-57 W.							
8-13	0.0						
ANTELOPE CREEK ON NORTH LINE							
Sec. 32-33-41 W.							
5-15	3.8	7-15	0.1	8-15	0.0	9-13	0.1
ANTELOPE CREEK NEAR GORDON							
Sec. 21-32-40 W.							
6-27	1.4	7-15	0.8	8-15	0.4	9-13	0.7
APPLEGATE DRAIN							
Sec. 31-14-33 W.							
10-18	58.0	1-14	74.6	4-14	56.2	9- 9	40.6
11-13	62.2	2- 5	60.4	6-19	49.5		
11-26	63.2	3- 3	58.0	7-17	46.8		
12-10	61.9	3-20	59.2	8-18	44.3		
ASH CREEK NEAR WHITNEY							
Sec. 7-32-50 W.							
3-24	8.0	5-12	4.2	7- 7	1.1	9- 8	0.1
4-17	3.8	6- 2	4.8	7-21	.5	9-22	.2
4-25	2.8	6-24	.3	8- 4	.3		
ASH CREEK, EAST, ABOVE BARRON CANAL							
Sec. 32-32-50 W.							
10- 8	1.4	4-17	2.3	6- 2	2.5	7-21	0.8
11- 8	1.7	4-25	3.0	6-24	1.3	8- 4	.7
1-31	2.2	5-19	2.8	7- 7	1.3	9-22	.5
ASH CREEK, WEST, BELOW BARRON CANAL							
Sec. 36-32-51 W.							
10- 8	0.4	4-17	2.9	6- 2	1.2	8- 4	0.3
11- 8	1.3	4-25	2.1	7- 7	.9	9-22	.6
1-31	4.3	5-19	2.2	7-21	.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
AUGER CREEK NEAR ELBA							
Sec. 4-15-11 W.							
5- 5	0.4						
BALD DRAIN							
Sec. 32-23-56 W.							
10-15	7.5	1-28	5.6	4- 8	3.6	6-24	106.0
11-19	8.0	2-11	5.2	4-21	3.2	7-28	9.9
12-14	5.9	3- 4	6.7	5-19	37.8	8-26	10.2
1- 7	5.2	3-21	4.8	6- 4	17.0	9-17	20.2
BEAN CREEK NEAR ELYRIA							
Sec. 10-20-15 W.							
5- 5	0.0						
BEAR CREEK NEAR MERRIMAN							
Sec. 8-34-37 W.							
10-15	4.4	5-15	9.3	7-15	1.7	9-13	3.5
4-16	12.7	6-27	5.1	8-15	2.2		
BEAR CREEK ABOVE COLE DAM							
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-34-37 W.							
4-16	24.4	6-27	5.4	8-15	1.9		
5-15	14.6	7-15	3.2	9-13	2.6		
BEAR CREEK NEAR ELI							
Sec. 25-34-36 W.							
10-15	9.2	4-16	34.4	5-15	19.6		
BEAVER CREEK NEAR BOONE							
Sec. 17-19-5 W.							
10- 2	87.6	12- 5	104.0	2-12	13.4	4-22	136.0
10-10	77.5	12-18	80.0	2-25	155.0	5- 6	87.0
10-23	81.2	1- 3	44.8	3-11	206.0	5-20	92.9
11- 6	85.6	1-15	83.6	3-25	166.0	6- 3	111.0
11-20	85.8	1-29	64.4	4- 8	107.0	6-17	52.9
BEAVER CREEK NEAR ST. EDWARD							
Sec. 2-18-5 W.							
10- 2	85.5	12- 5	120.0	2-12	196.0	4-22	248.0
10-10	89.6	12-18	84.1	2-25	168.0	5- 6	102.0
10-23	107.0	1- 3	69.6	3-11	223.0	5-20	127.0
11- 6	92.6	1-15	109.0	3-25	145.0	6- 3	136.0
11-20	105.0	1-29	111.0	4- 8	132.0	6-17	51.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BEAVER CREEK							
Sec. 29-34-46 W.							
2-21	2.0	7- 3	1.4	8-29	0.3		
6-18	1.5	8- 1	.1				
BEAVER CREEK, LITTLE							
Sec. 28-34-46 W.							
2-21	0.3	7- 3	0.5	8-29	0.3		
6-18	.6	8- 1	.1	9-23	.4		
BEAVER CREEK, LITTLE							
Sec. 33-34-46 W.							
2-21	0.4						
BEAVER CREEK, BIG							
Sec. 32-34-46 W.							
6-18	1.2	8- 1	0.5	9-23	0.6		
7- 3	1.1	8-29	.0				
BEAVER CREEK NEAR RAVENNA							
Sec. 34-13-14 W.							
6- 4	0.0						
BLOODY RUN CREEK NEAR HAZARD							
Sec. 26-13-15 W.							
6- 4	0.0						
BLUE CREEK ABOVE PAISLEY CANAL							
Sec. 28-17-42 W.							
6-23	114.0	7- 1	93.4	8-13	93.2		
6-30	89.3	7-10	76.0	8-21	94.7		
BOGGY CREEK BELOW WICKERSHAM DIVERSION DAM							
Sec. 31-33-54 W.							
5-28	0.1	9-11	0.0				
BORDEAUX CREEK, BIG, BELOW THOMAS CANAL							
Sec. 34-34-48 W.							
5-12	7.7						
BORDEAUX CREEK, BIG, NEAR CHADRON							
Sec. 14-33-48 W.							
1- 8	2.8	4-22	4.5	6- 5	3.6	8-29	1.7
2-18	2.3	5-12	4.3	7-18	2.2	9-19	1.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BORDEAUX CREEK, LITTLE, BELOW HARTZELL CANAL							
Sec. 13-33-48 W.							
1- 8	2.9	4-22	3.8	6- 5	3.5	8-29	0.9
2-18	2.1	5-12	3.8	7-18	1.6	9-19	8
BROWN CREEK NEAR LOUP CITY							
Sec. 25-15-15 W.							
6-10	0.2						
BUFFALO CREEK NEAR ELM CREEK							
Sec. 33-9-18 E.							
10-12	7.6	11-19	6.0	3-27	3.0		
11- 2	4.8	12- 4	6.0	4-17	10.8		
BULL DRAIN NEAR MAXWELL							
Sec. 20-13-28 W.							
10- 6	4.5	1- 8	4.3	4-23	6.1	7-23	3.0
10-16	4.4	2-16	5.2	5- 3	5.3	8- 1	3.4
10-30	3.7	3- 7	5.8	5-17	7.3	8-20	3.6
11- 6	5.2	3-28	10.5	6- 4	4.3	9-13	3.3
11-28	5.6	4- 4	5.8	6-21	3.1		
12-14	6.5	4-18	5.0	7- 9	3.3		
CACHE CREEK NEAR EWING							
Sec. 13-26-9 W.							
10- 9	96.2	12-22	12.7	3- 4	57.2	4-22	346.0
10-23	43.4	1- 4	14.9	3-25	41.2	5-20	19.6
11- 7	30.3	1-25	17.6	3-29	249.0	7-16	4.2
12- 4	37.2	2-20	57.6	4-10	25.4		
CEDAR BRANCH CREEK NEAR NEVINS							
Sec. 17-14-35 W.							
10-30	1.9	2- 9	1.8	5- 8	2.0	8-28	1.8
11-30	1.8	3-10	2.0	6-30	1.8	9-19	1.8
1-17	1.9	4-11	1.8	7-31	1.8		
CEDAR CREEK							
Sec. 11-18-48 W.							
10- 4	10.4	11-13	13.4	1-28	11.6	4- 7	16.3
10- 9	17.5	11-26	13.6	2- 8	13.8	4-18	13.2
10-15	12.6	12.10	12.2	2-18	13.0	4-28	11.4
10-22	13.0	12-17	11.9	3- 3	12.8		
10-30	12.4	1- 5	12.5	3-17	10.6		
11- 6	12.7	1-19	12.2	3-27	14.3		
CEDAR CREEK ABOVE SCHILT-CEDAR CREEK CANAL							
Sec. 35-33-56 W.							
11-28	0.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
CEDAR CREEK NEAR ELBA							
Sec. 8-15-10 W.							
5-19	0.0	6-16	0.0				
CEDAR CREEK NEAR TAYLOR							
Sec. 27-21-17 W.							
6-11	0.0						
CEDAR RIVER NEAR BELGRADE							
Sec. 2-17-2 W.							
10- 3	281.0	1- 8	260.0	3-19	360.0	5-27	501.0
10-17	251.0	1-21	421.0	4- 1	438.0	6-12	227.0
10-31	287.0	2- 4	310.0	4-15	326.0	6-25	205.0
11-28	290.0	2-27	275.0	4-28	315.0	7- 8	256.0
12-28	172.0	3-11	214.0	5-13	250.0		
CHADRON CREEK ONE-HALF MILE ABOVE CITY RESERVOIR							
Sec. 19-32-48 W.							
11- 7	0.9	4-10	1.6	6-10	2.2	9- 9	0.8
1-18	.5	4-22	1.0	7-18	1.6		
2-18	1.1	5-13	1.5	7-31	1.4		
3-18	1.1	5-26	2.8	8-26	.1		
CHADRON CREEK 500 FEET BELOW CITY RESERVOIR							
Sec. 18-32-48 W.							
11- 7	1.3	4-10	3.3	6-10	0.0	9- 9	0.0
1-18	.2	4-22	1.3	7-18	.0		
2-18	.0	5-13	1.0	7-31	.0		
3-18	1.1	5-26	3.7	8-26	.0		
CHESBRA CREEK NEAR TAYLOR							
Sec. 20-21-18 W.							
6-11	0.0						
CLEAR CREEK BELOW PIBEL LAKE							
Sec. 31-21-10 W.							
7- 9	2.5						
CLEAR CREEK							
Sec. 5-15-41 W.							
10-10	9.0	12- 3	10.2	3-25	7.4	7- 1	5.5
10-25	9.9	1- 7	8.8	4- 8	16.6		
11- 8	8.3	2- 8	10.0	5- 9	2.3		
11-20	7.6	3-11	9.1	5-23	10.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
CLEARWATER CREEK NEAR CLEARWATER							
Sec. 6-25-7 W.							
10- 9	97.0	12- 4	73.4	2-20	111.0	4-10	62.7
10-23	59.5	12-22	36.9	3- 4	64.9	4-22	202.0
11- 7	54.5	1- 3	39.5	3-25	80.1	5-21	46.6
11-20	55.1	1-25	50.4	3-29	249.0	7-17	24.5
CLEVELAND DRAIN							
Sec. 6-20-52 W.							
10-15	8.2	12-14	1.3	2-11	1.4	4- 8	1.5
11-14	2.0	1- 7	.2	3- 4	1.2	4-21	1.5
11-26	1.9	1-29	.9	3-21	5.5		
COB CREEK NEAR LOUP CITY							
Sec. 23-15-15 W.							
6-10	0.1						
COLD WATER CREEK BELOW LISCO CANAL							
Sec. 34-18-46 W.							
10- 3	3.8	2- 8	4.7	4-15	3.2	6-24	3.4
10-16	3.6	2-18	4.8	5-14	3.3	7-31	2.6
11- 7	3.6	3-18	3.8	5-20	3.9	9-18	3.5
1- 5	4.0	4- 7	3.6	5-27	3.0		
COLE CREEK NEAR LOUP CITY							
Sec. 28-16-15 W.							
5-14	0.2						
COTTONWOOD CREEK NEAR DUNLAP							
Sec. 27-29-48 W.							
11-21	0.3	5-20	1.8	7-29	0.1	9- 9	0.1
1-18	.3	6-10	1.1	8-19	.1	9-16	.1
4-10	1.9	7-10	.3	8-28	.0	9-24	.3
5- 6	.9	7-24	.1	9- 3	.2		
COTTONWOOD CREEK, BIG							
Sec. 22-33-50 W.							
3-24	10.1	5-10	72.1	6-28	109.0	8-25	0.6
4-10	1.2	5-22	206.0	7-14	.8	9- 8	.5
4-17	1.4	6- 2	1.1	7-28	1.4	9-29	.5
4-28	.6	6-16	2.3	8-11	4.2		
COTTONWOOD CREEK, LITTLE							
Sec. 8-32-52 W.							
10-22	1.4	3-31	7.9	5- 3	0.0	8-14	0.0
1- 9	.0	4-10	2.6	5-24	.1	9-27	.0
1-31	.0	4-25	.1	6-21	.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
COTTONWOOD CREEK, LITTLE, NEAR BLOOMINGTON							
Sec. 6-1-15 W.							
10-12	2.3	6-13	1.5	8- 8	1.6		
5-16	2.1	7-11	1.2	9- 6	1.8		
CROOKED CREEK NEAR RED CLOUD							
Sec. 1-1-11 W.							
10-12	2.0	6-13	1.0	8- 8	1.4		
5-16	2.0	7-11	1.6	9- 6	.9		
DANE CREEK NEAR ORD							
Sec. 20-19-14 W.							
5- 5	0.7						
DAWSON COUNTY DRAIN NO. 2							
Sec. 25-10-23 W.							
11- 9	4.1	1-25	2.4	4-25	3.6		
11-30	3.2	4-10	4.2				
DEAD HORSE CREEK							
Sec. 32-33-49 W.							
4-17	2.9	5-27	3.0	9-15	0.1		
5- 5	2.8	6-16	1.6				
DEAD HORSE CREEK NEAR LOUP CITY							
Sec. 18-15-14 W.							
6-10	0.0	9- 9	0.0	9-23	0.0		
DEEP CREEK							
Sec. 4-30-53 W.							
10-24	0.3	10-31	0.3	2- 7	0.2	8-30	0.0
DEEP CREEK NEAR OXFORD							
Sec. 22-3-20 W.							
7-30	0.4						
DEER CREEK NEAR BOELUS							
Sec. 27-13-12 W.							
6- 4	0.4						
DRINGMAN DRAIN							
Sec. 32-14-33 W.							
10-18	9.3	1-14	11.5	4-14	3.7	9- 9	4.0
11-13	9.8	2- 5	9.6	6-19	4.3		
11-28	10.2	3- 3	9.6	7-17	3.3		
12-10	10.1	3-20	7.8	8-18	3.9		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
DRY CREEK NEAR RAVENNA							
Sec. 32-13-14 W.							
6- 4	0.0						
DRY CREEK NEAR MERRIMAN							
Sec. 17-34-37 W.							
10-15	0.8	5-15	9.8	7-15	0.7	9-13	0.0
4-16	14.1	6-27	2.8	8-15	.0		
DUGOUT CREEK, UPPER							
Sec. 20-20-50 W.							
10-17	9.8	1- 7	3.4	3- 7	1.8	4-29	1.2
11- 5	9.1	1-26	2.9	3-24	3.2		
11-19	7.6	2-18	2.9	4-14	1.2		
ELKHORN RIVER NEAR BATTLE CREEK							
Sec. 30-24-2 W.							
10-10	1330.0	12-18	491.0	2-25	1210.0	5- 6	641.0
10-23	1300.0	1- 3	399.0	3-11	1090.0	5-20	758.0
11- 6	715.0	1-15	427.0	3-26	1410.0	6- 3	989.0
11-19	617.0	1-29	392.0	4- 8	1360.0	6-17	349.0
12- 5	853.0	2-11	2950.0	4-21	1230.0		
ELKHORN RIVER NEAR STANTON							
Sec. 29-23-2 E.							
10- 9	1815.0	12-17	458.0	2-25	1540.0	5- 5	1030.0
10-22	1750.0	1- 2	643.0	3-10	1250.0	5-21	933.0
11- 5	1120.0	1-14	594.0	3-26	1680.0	6- 2	1670.0
11-19	878.0	1-28	744.0	4- 7	2050.0	6-16	548.0
12- 4	1200.0	2-11	2180.0	4-21	1690.0		
ELKHORN RIVER NEAR HOOPER							
Sec. 17-19-8 E.							
10- 8	2450.0	12-17	164.0	2-25	1810.0	5- 5	1190.0
10-22	1850.0	1- 3	614.0	3-10	1510.0	5-19	1190.0
11- 7	1200.0	1-15	678.0	3-24	2400.0	6- 2	1854.0
11-19	1200.0	1-28	885.0	4- 8	2390.0	6-16	647.0
12- 3	1280.0	2-11	1800.0	4-21	1790.0		
ELM CREEK NEAR ELM CREEK							
Sec. 33-9-18 W.							
10-12	3.1	12- 4	0.0	3- 6	0.0		
11- 2	.1	1- 4	.0	3-27	.5		
11-19	.0	1-25	.0	4-17	.5		
ELM CREEK NEAR ORD							
Sec. 24-19-14 W.							
6-16	0.0	8-11	0.1				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
ENGLISH CREEK NEAR CRAWFORD							
Sec. 2-31-52 W.							
8-30	0.1						
ENGLISH CREEK BELOW McDOWELL RESERVOIR							
Sec. 1-31-52 W.							
4-25	0.1	7-19	0.1				
EUREKA CREEK NEAR NAPONEE							
Sec. 1-1-17 W.							
10-12	0.0	7-11	0.0	9- 6	0.0		
6-13	.0	8- 8	.0				
FARMERS CREEK NEAR INAVALE							
Sec. 5-1-12 W.							
10-12	3.2	6-13	1.9	8- 8	2.4		
5-16	4.0	7-11	1.6	9- 6	1.4		
FISH CREEK NEAR COTESFIELD							
Sec. 7-16-11 W.							
5-19	0.3						
FLAG CREEK NEAR ORLEANS							
Sec. 16-2-19 W.							
10-12	1.3	6-13	0.9	8- 8	0.5		
5-16	2.3	7-11	.6	9- 6	.3		
FREMONT SLOUGH ON HIGHWAY 83							
Sec. 16-13-30 W.							
10- 8	31.6	12- 1	31.4	2- 2	34.2	3-15	36.5
10-30	32.0	12-14	32.7	2-23	35.3	3-29	41.4
11- 6	31.3	1- 9	31.9	3- 8	34.2	4-11	33.8
FREMONT SLOUGH BELOW SUTHERLAND POWER RETURN CANAL—Sec. 16-13-30 W.							
10- 8	0.0	2- 2	10.7	4-29	8.1	8- 2	3.5
10-30	3.6	2-23	10.5	5- 7	7.6	8-16	3.0
11- 6	2.7	3- 8	10.0	6- 7	4.1	9- 6	2.9
12- 1	2.8	3-15	9.2	6-21	3.6	9-27	2.6
12-22	3.8	3-29	9.5	7- 5	2.7		
1- 9	3.6	4-11	8.0	7-19	3.6		
FRENCHMAN RIVER ABOVE ARTERBURN RESERVOIR							
Sec. 10-6-41 W.							
7-10	4.4	7-28	3.4	8- 2	3.5		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
FRENCHMAN RIVER BELOW ARTERBURN RESERVOIR							
Sec. 11-6-41 W.							
7-10	1.6	7-28	2.7	8- 2	2.8		
FRENCHMAN RIVER BELOW CULBERTSON CANAL							
Sec. 31-5-33 W.							
8- 2	4.6	8- 2	21.7	8- 6	22.4		
GRAVEL CREEK							
Sec. 9-14-36 W.							
11- 2	3.2	2- 8	3.1	5- 8	3.1	8-28	3.1
11-30	3.2	3-10	3.5	6-30	2.8	9-19	3.0
1-17	3.2	4-10	3.0	7-31	3.1		
GREENWOOD CREEK BELOW MEGLEMRE CANAL							
Sec. 3-18-50 W.							
5-24	1.8	7- 1	0.0	8- 8	0.0		
6- 4	3.3	7-19	.0	8-15	.0		
6-17	.0	7-30	.0	9-17	.0		
HAWTHORNE CREEK NEAR ARCADIA							
Sec. 23-17-16 W.							
5- 8	0.2						
HAT CREEK ABOVE COFFEE CANAL							
Sec. 35-33-55 W.							
4-11	3.2	5-28	2.3	9-11	0.1		
4-18	2.3	7- 2	1.6				
HAY CREEK NEAR ARCADIA							
Sec. 5-16-15 W.							
5-14	0.0						
HERSHEY DRAIN							
Sec. 33-14-32 W.							
10-18	19.5	1-14	36.6	3-20	24.4	8- 7	15.5
11-13	21.4	2- 5	22.2	4-14	21.8	8-25	15.5
12- 3	22.2	3- 3	23.1	7-10	13.0	9-29	14.5
HOOKER CREEK							
Sec. 31-32-51 W.							
11- 5	0.2	4-17	0.1	8-30	0.0		
1-10	.0	7-21	.1				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
HOOPER CREEK, TRIBUTARY TO, NEAR PALMYRA Sec. 29-9-10 E.							
7-14	1550.0						
HOOPER CREEK NEAR PALMYRA Sec. 9-9-9 E.							
7-14	28.0						
HORSE CREEK Sec. 23-1-39 W.							
10-23	2.7	6- 3	2.5	9- 9	0.0		
5- 6	2.6	7-15	1.7				
INDIAN CREEK Sec. 19-20-50 W.							
10-17	12.3	1- 7	4.4	3- 7	4.9	4-29	2.6
11- 5	9.2	1-26	3.9	3-24	4.5		
11-19	8.5	2-18	5.3	4-14	3.8		
INDIAN CREEK Sec. 16-32-50 W.							
10- 8	0.0	4-17	0.6	9- 8	0.0	9-22	0.0
INDIAN CREEK Sec. 3-31-50 W.							
10- 8	0.1	6-16	0.1				
INDIAN CREEK NEAR MAX Sec. 23-2-36 W.							
10- 2	2.9	5- 6	5.6	8-12	4.0		
INDIAN CREEK NEAR RED CLOUD Sec. 4-1-11 W.							
10-12	2.0	6-13	1.6	8- 8	1.8		
5-16	2.8	7-11	3.1	9- 6	6.0		
JIM CREEK SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-33-57 W.							
5- 2	0.3	7-16	0.3	9-25	0.3		
JIM CREEK Sec. 8-33-56 W.							
6- 4	0.0	6-17	0.0	8-13	0.0	9-25	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge		Discharge		Discharge		Discharge	
	Date	Sec.-ft.	Date	Sec.-ft.	Date	Sec.-ft.	Date	Sec.-ft.
KEITH-LINCOLN CO. DRAIN NO. 2								
Sec. 24-14-35 W.								
10-18	1.80	1-17	1.2	4-11	1.0	8-29	3.4	
10-30	1.93	2-9	1.5	7-10	1.5	9-16	4.0	
11-30	1.3	3-10	2.3	7-31	1.8			
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 20								
Sec. 3-14-38 W.								
10-19	0.0	12-17	0.0	4-18	0.0	7-16	0.0	
11-9	.0	1-18	.0	5-22	.0	8-21	.0	
11-29	.0	3-11	.0	6-20	.0	9-12	.0	
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 30								
Sec. 3-14-38 W.								
10-19	0.1	12-17	0.0	4-18	0.1	7-16	0.1	
11-9	.1	1-18	.1	5-22	.1	8-21	.1	
11-29	.0	3-11	.1	6-20	.1	9-12	.1	
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 40								
Sec. 3-14-38 W.								
10-19	0.0	12-17	0.0	4-18	0.0	7-16	0.0	
11-9	.0	1-18	.0	5-22	.0	8-21	.0	
11-29	.0	3-11	.0	6-20	.0	9-12	.0	
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 50								
Sec. 34-14-38 W.								
10-19	0.0	12-17	0.0	4-18	0.0	7-16	0.0	
11-9	.0	1-18	.0	5-22	.0	8-21	.0	
11-29	.0	3-11	.0	6-20	.0	9-12	.0	
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 60								
Sec. 34-15-38 W.								
10-19	1.23	12-17	1.4	4-18	1.2	7-16	1.6	
11-9	1.7	1-18	1.4	5-22	1.0	8-21	1.4	
11-29	1.4	3-11	1.4	6-20	1.6	9-12	1.2	
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 70								
Sec. 34-15-38 W.								
10-19	5.9	12-17	6.3	4-18	5.0	7-16	6.0	
11-9	5.4	1-18	5.6	5-22	4.7	8-21	5.8	
11-29	6.5	3-11	5.4	6-20	5.7	9-12	5.4	
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 80								
Sec. 34-15-38 W.								
10-19	9.06	12-17	9.3	4-18	8.2	7-16	8.2	
11-9	8.9	1-18	8.2	5-22	7.0	8-21	7.5	
11-29	7.8	3-11	7.9	6-20	7.6	9-12	7.7	

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

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.							
10-19	0.0	12-17	0.0	4-18	0.1	7-16	0.1
11- 9	.0	1-18	.1	5-22	.1	8-21	.1
11-29	.0	3-11	.1	6-20	.1	9-12	.1
KINGSLEY DAM SEEPAGE, DRAIN AT STATION 100							
Sec. 34-15-38 W.							
10-19	3.9	12-17	4.7	4-18	2.4	7-16	3.6
11- 9	4.2	1-18	3.2	5-22	2.0	8-21	2.3
11-29	4.0	3-11	2.9	6-20	3.1	9-12	3.0
LANE DRAIN							
Sec. 30-23-57 W.							
10-15	8.2	2-19	1.7	4-23	1.2	7-16	9.1
11-15	4.1	3- 4	1.7	5- 6	1.2	8- 6	10.4
12-20	1.7	3-26	1.9	5-26	3.0	9-10	15.8
1-15	2.6	4- 7	1.1	7- 2	7.5	9-24	12.2
1-29	1.6						
LARABEE CREEK							
Sec. 6-34-44 W.							
1-11	1.3	6- 5	3.7	8- 1	1.6	9-23	1.7
4-24	3.4	7- 1	2.8	8-27	1.2		
LAWRENCE FORK CREEK ABOVE RANDALL CANAL							
Sec. 21-18-52 W.							
5-28	2.7	6-17	1.3	6-17	0.7		
LAWRENCE FORK CREEK BELOW RANDALL CANAL							
Sec. 21-18-52 W.							
5- 3	3.2	5-10	3.2	6-20	5.1	7-26	2.8
LAWRENCE FORK CREEK ON HIGHWAY 88							
Sec. 25-19-51 W.							
5- 3	2.7	6- 7	0.0	7-12	0.0	9-15	0.0
5-10	2.5	6-17	.0	7-26	.0		
5-28	.0	6-19	.0	8-15	.0		
LAWRENCE FORK CREEK BELOW SPRING BRANCH							
HEADGATE—Sec. 11-18-52 W.							
6-19	2.3	6-20	0.3				
LAWRENCE FORK CREEK BELOW LAING CANAL							
Sec. 28-18-52 W.							
7-12	1.3						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LINCOLN COUNTY DRAIN NO. 1 NEAR NORTH PLATTE							
Sec. 30-14-30 W.							
10- 9	71.2	11-28	42.0	1-24	34.0	3-14	34.8
10-16	65.9	12- 5	41.2	2- 5	36.2	3-26	34.7
10-23	56.9	12-21	38.1	2-13	35.7	4- 8	32.7
11- 7	49.1	1- 2	37.6	2-26	33.7	4-16	35.1
11-15	45.8	1- 8	37.3	3- 6	31.9	4-24	31.4
LINCOLN COUNTY DRAIN NO. 2							
Sec. 12-14-33 W.							
10-18	3.8	1-14	4.2	3-20	4.3	8- 7	5.0
11-13	3.4	2- 5	3.0	4-14	2.7	8-25	3.6
12- 3	3.0	3- 3	3.2	7-10	3.2	9-29	2.8
LODGEPOLE CREEK ON WYOMING-NEBRASKA STATE LINE							
Sec. 11-14-59 W.							
10- 1	2.9	12- 3	7.3	2-18	4.3	4-28	1.9
10- 9	3.4	12-17	3.4	3- 3	4.6	5- 5	1.0
10-17	3.6	12-31	2.9	3-10	5.1	5-19	1.4
10-22	3.9	1- 9	3.1	3-17	5.2	6- 3	2.2
10-29	3.7	1-14	2.6	3-24	6.0	6- 9	1.1
11- 5	4.6	1-22	2.2	3-31	4.7	7-21	.5
11-13	3.7	1-28	4.3	4- 7	3.2	8- 4	.2
11-19	3.6	2- 4	10.1	4-15	4.7	8-25	.6
11-26	5.5	2-11	4.4	4-21	4.0		
LODGEPOLE CREEK BELOW OLIVER RESERVOIR							
UPSTREAM FROM KIMBALL CANAL SPILLWAY							
Sec. 36-15-57 W.							
8-16	1.0	8-19	4.1	8-25	4.1		
LODGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW							
RUTTNER CANAL—Sec. 31-15-56 W.							
10- 1	0.6	11-19	2.7	1-22	3.3	3-17	3.3
10- 9	2.4	11-26	3.0	1-28	3.3	3-24	3.4
10-17	2.4	12- 3	3.0	2- 4	3.1	3-31	3.0
10-22	3.1	12-17	3.0	2-11	3.1	4- 7	2.8
10-29	3.0	12-31	3.3	2-18	3.1	4-15	3.4
11- 5	2.8	1- 9	3.3	3- 3	3.0	4-21	3.1
11-13	2.7	1-14	3.3	3-10	2.7	4-28	3.5
LODGEPOLE CREEK NEAR KIMBALL BELOW OWASCO							
DIVERSION DAM—Sec. 29-15-55 W.							
10- 1	4.9	10-17	11.2	10-29	11.0	11-13	10.2
10- 9	11.8	10-22	11.0	11- 5	10.7		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGEPOLE CREEK ABOVE BENNETT RESERVOIR							
Sec. 29-15-55 W.							
10- 1	5.2	11-19	9.4	1-28	9.0	3-31	9.1
10- 9	10.7	11-26	9.8	2- 4	17.9	4- 7	9.2
10-17	9.6	12- 3	10.1	2-11	9.1	4-15	8.1
10-22	10.6	12-17	9.4	2-18	9.2	4-21	8.6
10-29	10.2	12-31	10.3	3- 3	11.4	4-28	4.2
11- 5	10.5	1-14	9.7	3-10	10.4		
11-13	8.5	1-22	3.1	3-17	11.9		
LOGEPOLE CREEK BELOW BENNETT RESERVOIR							
Sec. 22-15-55 W.							
10- 9	0.7	11-26	7.7	1-28	6.4	3-24	2.5
10-17	.7	12- 3	6.2	2- 4	5.9	3-31	.6
10-22	.5	12-17	6.9	2-11	6.4	4- 7	.9
10-29	7.6	12-31	6.9	2-18	7.0	4-15	.5
11- 5	8.5	1- 9	5.6	3- 3	6.8	4-21	.5
11-13	6.6	1-14	6.1	3-10	7.0	4-28	.6
11-19	7.3	1-22	5.1	3-17	2.3		
LOGEPOLE CREEK NEAR DIX							
Sec. 27-15-54 W.							
10- 9	0.1	1-22	0.0	4-29	0.0	7-29	0.0
10-17	.7	2- 4	.0	5- 6	.0	8- 5	.0
10-22	1.2	2-18	8.2	5-21	.0	8-11	.0
10-29	1.2	3- 3	.0	5-27	.0	8-20	.0
11- 5	9.3	3-10	8.4	6- 5	.0	8-28	.0
11-13	9.8	3-17	6.7	6-10	.0	9-15	.0
11-19	13.2	3-24	3.9	6-21	.0	9-22	.0
11-26	12.3	3-31	3.5	7- 9	.0	9-30	.0
12-17	.0	4- 7	2.4	7-15	.0		
1- 9	.0	4-21	.0	7-23	.0		
LOGEPOLE CREEK NEAR POTTER							
Sec. 6-14-52 W.							
10- 9	0.0	1-14	0.0	4-15	0.0	7-29	0.0
10-17	.0	1-22	.0	4-21	.0	8- 5	.0
10-22	.0	1-28	.0	4-29	.0	8-11	.0
10-29	.0	2- 4	.0	5- 6	.0	8-20	.0
11- 5	.0	2-11	.0	5-21	.0	8-28	.0
11-13	.0	2-18	.0	5-27	.0	9- 9	.0
11-19	.0	3- 3	.0	6- 5	.0	9-15	.0
11-26	.0	3-10	.0	6-10	.0	9-22	.0
12- 3	.0	3-17	.0	6-27	.0	9-30	.0
12-17	.0	3-24	.0	7- 9	.0		
12-31	.0	3-31	.0	7-15	.0		
1- 9	.0	4- 7	.0	7-23	.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LODGEPOLE CREEK SOUTH OF BRONSON							
ON WEST LINE—Sec. 19-14-50 W.							
10-10	0.0	2- 5	4.7	4-29	0.0	7-15	0.0
10-18	.0	2-13	.5	5- 6	.0	7-23	.0
10-22	.0	2-19	.0	5-21	2.2	7-29	.0
10-30	.0	3- 4	.0	5-27	.0	8- 5	.0
11- 6	.0	3-11	1.0	6- 5	.0	8-20	.0
11-20	.0	3-17	4.6	6-10	.0	8-28	.0
11-27	.1	3-24	.0	6-18	.0	9- 9	.0
12- 4	.0	4- 8	.0	6-27	.0	9-15	.0
1- 2	.0	4-14	.0	7- 2	.0	9-22	.0
1-15	.0	4-23	.5	7- 9	.0	9-30	.0
LODGEPOLE CREEK BELOW RUNGE CANAL ON SOUTH LINE							
Sec. 20-14-50 W.							
10-10	2.1	5-14	0.1	7- 2	0.9	8-20	0.4
10-18	1.9	5-21	3.4	7- 9	1.1	8-28	.6
10-22	1.8	5-27	4.0	7-15	1.0	9- 9	.7
10-30	1.8	6- 5	.7	7-23	.2	9-15	1.0
11- 6	1.9	6-10	.4	7-29	.2	9-22	1.0
4-29	.4	6-18	.2	8- 5	.3	9-30	.6
5- 6	.1	6-27	.7	8-12	.2		
LODGEPOLE CREEK ON EAST LINE							
Sec. 33-14-50 W.							
10-10	2.1	5-21	4.3	7- 2	1.8	8-20	0.0
10-18	2.0	5-27	4.4	7- 9	.9	8-28	.0
10-30	2.0	6- 5	1.1	7-23	.0	9- 9	1.0
11- 6	2.4	6-10	.6	7-29	.0	9-15	.0
5- 6	.7	6-18	.0	8- 5	.0	9-22	.0
5-14	1.4	6-27	2.2	8-12	.0	9-30	.0
LODGEPOLE CREEK AT AIRPORT ON EAST LINE							
Sec. 34-14-50 W.							
10-10	1.3	2-19	3.5	5-21	11.0	7-29	0.0
10-18	1.8	3- 4	4.7	5-27	4.6	8- 6	.0
10-30	1.6	3-11	1.2	6- 5	.9	8-12	.0
11- 6	1.8	3-17	.1	6-10	1.2	8-20	.0
11-20	2.5	3-24	1.0	6-18	.0	8-28	.0
11-27	1.7	4- 8	.9	6-27	1.9	9- 9	.0
12- 4	2.6	4-29	1.3	7- 2	2.3	9-15	.0
1- 2	.0	5- 6	1.2	7-15	1.7	9-22	.0
2-13	2.3	5-14	1.6	7-23	.0	9-30	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGEPOLE CREEK NEAR SIDNEY CITY PARK							
Sec. 6-13-49 W.							
10-10	1.3	1-15	0.6	4-29	0.5	7-23	0.6
10-18	1.0	2- 5	.4	5- 6	.6	7-29	.3
10-24	1.6	2-13	1.4	5-14	.7	8- 5	.4
10-29	1.4	2-19	.6	5-21	2.8	8-12	.8
11- 6	1.6	3- 4	1.0	5-27	4.6	8-20	.1
11-14	1.5	3-11	.4	6- 5	1.3	8-28	.0
11-20	1.3	3-17	.6	6-10	1.4	9- 9	.0
11-27	1.1	3-24	.3	6-18	.8	9-15	.0
12- 4	1.3	4- 8	.3	7- 2	3.0	9-22	.0
12-18	.8	4-14	.5	7- 9	2.4	9-30	.0
1- 2	.4	4-23	1.1	7-15	2.6		
LOGEPOLE CREEK ON HIGHWAY 19							
Sec. 5-13-49 W.							
10-10	0.7	5- 6	1.0	6-25	0.8	8-20	0.2
10-18	.7	5-14	1.2	7- 2	3.7	8-28	.3
10-24	1.0	5-22	1.7	7-15	2.7	9- 9	1.1
10-30	.9	5-27	4.9	7-23	.7	9-15	.6
11- 6	1.1	6- 5	2.7	7-29	1.0	9-22	.0
11-14	1.0	6-10	1.5	8- 5	.9	9-30	.0
4-29	6.9	6-18	.9	8-12	1.0		
LOGEPOLE CREEK ON EAST LINE							
Sec. 32-14-49 W.							
5-14	0.8						
LOGEPOLE CREEK ABOVE KRUEGER CANAL							
Sec. 31-14-48 W.							
10-10	7.3	1- 8	6.5	4- 1	7.4	7- 9	6.5
10-18	7.1	1-15	6.4	4- 8	7.0	7-15	7.4
10-24	7.5	1-23	6.0	4-14	6.7	7-23	9.8
10-30	7.3	1-29	7.6	4-23	9.2	7-29	6.4
11- 6	7.6	2- 5	7.1	4-29	7.8	8- 6	3.7
11-14	7.4	2-13	8.0	5- 6	8.4	8-14	5.2
11-20	7.8	2-19	8.5	5-14	6.9	8-21	3.9
11-27	7.7	3- 4	14.6	6- 5	9.3	8-29	4.4
12- 4	6.8	3-11	7.6	6-11	8.0	9- 9	4.6
12-18	7.0	3-18	7.2	6-25	5.3	9-16	5.1
1- 2	6.2	3-25	10.2	7- 2	8.5	9-22	4.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGEPOLE CREEK BELOW KRUEGER LAKE							
SW $\frac{1}{4}$ Sec. 29-14-48 W.							
10-10	6.4	1-15	6.1	4-14	1.7	7-15	7.7
10-18	6.0	1-23	5.4	4-23	3.3	7-23	2.7
10-24	7.4	1-29	6.9	4-30	2.1	7-29	1.1
10-30	7.4	2- 5	6.2	5- 6	1.8	8-14	.9
11- 6	7.4	2-13	5.0	5-14	3.9	8-21	.4
11-14	6.3	2-19	5.8	5-22	18.6	8-29	.4
11-20	6.6	3- 4	8.1	5-29	15.6	9- 9	.2
11-27	6.6	3-11	7.1	6- 5	2.1	9-16	3.5
12- 4	6.1	3-18	7.3	6-11	1.5	9-22	1.4
12-18	6.0	3-25	7.5	6-25	.6		
1- 2	5.4	4- 1	6.7	7- 2	5.5		
1- 8	6.0	4- 8	5.2	7- 9	5.7		
LOGEPOLE CREEK SOUTH OF SUNOL							
Sec. 36-14-48 W.							
10-10	6.6	1-15	3.0	4-14	3.9	7-16	6.9
10-18	6.9	1-23	2.8	4-23	5.2	7-24	5.2
10-24	8.1	1-29	5.1	4-30	3.0	7-31	3.4
10-30	7.0	2- 5	5.6	5- 7	4.3	8- 6	1.2
11- 6	9.3	2-13	7.2	5-15	3.6	8-14	1.8
11-14	8.1	2-19	6.5	5-22	20.7	8-21	2.2
11-20	7.5	3- 4	10.0	5-29	16.1	8-29	2.1
11-27	10.9	3-11	9.4	6- 5	5.3	9- 8	1.5
12- 4	3.6	3-18	6.6	6-11	3.8	9-16	2.0
12-18	3.5	3-25	10.6	6-26	28.2	9-23	1.2
1- 2	2.4	4- 1	8.1	7- 5	10.8		
1- 8	2.6	4- 8	7.2	7-10	7.0		
LOGEPOLE CREEK WEST OF LOGEPOLE							
Sec. 30-14-46 W.							
4-30	12.6	6-26	34.3	8- 6	3.2	9-16	0.2
5- 7	11.8	7-10	13.5	8-14	1.3	9-23	.2
5-15	9.8	7-16	9.5	8-21	.4		
6- 6	19.3	7-24	6.3	8-29	.4		
6-11	3.6	7-31	3.4	9- 8	.5		
LOGEPOLE CREEK SOUTHEAST OF LOGEPOLE							
Sec. 32-14-46 W.							
10-10	15.9	12- 4	12.1	2-13	16.5	4-14	12.8
10-18	12.4	12-18	8.3	2-19	7.8	4-23	18.1
10-24	14.3	1- 2	5.7	3- 4	14.9	5-22	34.4
10-30	14.5	1- 8	6.1	3-11	22.5	5-29	28.7
11- 6	15.2	1-15	7.2	3-18	29.4	7- 5	17.0
11-14	14.5	1-23	6.3	3-25	20.2		
11-20	10.7	1-29	12.3	4- 1	19.9		
11-27	13.6	2- 5	14.4	4- 8	15.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOGEPOLE CREEK NEAR CHAPPELL ON EAST LINE							
Sec. 21-13-45 W.							
10-10	26.2	1-15	17.4	4-14	20.5	7-11	11.4
10-18	21.9	1-29	17.6	4-23	27.7	7-17	12.9
10-24	23.7	2- 5	20.6	4-30	19.8	7-24	4.0
10-30	23.7	2-13	22.5	5- 7	10.6	7-31	.3
11- 6	23.6	2-19	32.6	5-16	13.2	8- 8	.4
11-14	21.4	3- 4	24.1	5-22	44.0	8-14	.4
11-20	18.6	3-11	34.6	5-29	35.7	8-22	.3
11-27	19.8	3-18	34.8	6- 6	18.8	8-29	1.3
12- 4	21.0	3-25	22.1	6-12	5.3	9- 8	.7
12-18	11.8	4- 1	28.5	6-26	29.6	9-17	1.4
1- 8	15.7	4- 8	21.3	7- 5	15.0	9-23	1.4
LONERGAN CREEK NEAR LEMOYNE							
Sec. 7-15-39 W.							
10-25	5.7	3-11	5.9	4- 8	7.0	5-23	4.2
11-20	7.2	3-25	6.4	5- 9	4.9	7- 1	4.1
12- 3	5.8						
LOST CREEK							
Sec. 1-16-44 W.							
11- 7	1.4	2-18	0.7	3-11	2.4	4- 8	3.2
LOUP RIVER NEAR FULLERTON							
Sec. 14-16-6 W.							
10- 3	2010.0	2-15	4390.0	5-11	2470.0	8- 3	800.0
10-16	2390.0	2-19	3840.0	5-13	2160.0	8- 5	1120.0
10-31	2410.0	2-26	2660.0	5-19	2970.0	8-20	1280.0
11-15	2530.0	3- 4	870.0	5-26	2480.0	8-31	1220.0
11-28	2480.0	3-13	5350.0	6- 8	1430.0	9- 3	1390.0
12- 7	2220.0	3-19	3980.0	6-12	1334.0	9- 8	1200.0
12-10	1760.0	3-28	4020.0	6-16	941.0	9-16	1246.0
12-28	1400.0	4- 1	3580.0	6-25	1140.0	9-22	1310.0
1- 9	2300.0	4-14	2730.0	7- 9	1420.0	9-25	1410.0
1-22	2686.0	4-15	2660.0	7- 9	1260.0	9-28	1400.0
1-31	2070.0	4-28	1670.0	7-16	1480.0	9-30	1450.0
2- 4	2860.0	4-29	2270.0	7-23	767.0		
LOUP RIVER, NORTH, NEAR BURWELL							
Sec. 15-21-16 W.							
10- 1	551.0	1- 3	547.0	4- 8	680.0	7- 7	278.0
10-15	557.0	1-15	616.0	4-22	780.0	7-21	230.0
10-24	675.0	1-29	615.0	5- 6	561.0	8- 4	254.0
11- 7	662.0	2-12	857.0	5-20	819.0	8-18	309.0
11-19	582.0	2-25	584.0	6- 2	535.0	9- 1	278.0
12- 4	609.0	3-12	804.0	6- 9	389.0		
12-18	428.0	3-24	1230.0	6-23	356.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LOUP RIVER, NORTH, NEAR ORD							
Sec. 22-19-14 W.							
10- 8	1010.0	12-19	755.0	3-12	1300.0	5-29	995.0
10-22	1140.0	1- 2	808.0	3-24	598.0	6-16	488.0
11- 7	1060.0	1-14	965.0	4- 7	1220.0		
11-19	910.0	1-28	1050.0	4-21	1140.0		
12- 3	1120.0	2-12	1610.0	5- 5	939.0		
LOUP RIVER, SOUTH, NEAR CALLAWAY							
Sec. 2-15-23 W.							
10- 1	82.9	12-11	88.7	3- 4	104.0	5-13	92.1
10-15	88.8	1- 8	84.6	3-19	142.0	6-11	76.8
10-29	95.1	1-21	133.0	4- 1	130.0	7-10	69.0
11-13	96.6	2- 4	111.0	4-14	104.0		
11-26	94.6	2-20	110.0	4-29	96.0		
MELBETA DRAIN ONE-HALF MILE WEST OF MELBETA BRIDGE—Sec. 13-21-54 W.							
10-15	2.8	12-14	2.3	2-11	2.2	4- 8	2.0
11-14	2.9	1- 7	2.7	3- 4	2.1	4-21	2.1
11-26	2.6	1-29	2.8	3-21	3.3		
MESSENGER CREEK NEAR SUMTER							
Sec. 25-19-13 W.							
6-16	0.2						
MONROE CREEK ABOVE BIG MONROE CANAL							
Sec. 33-33-56 W.							
1-23	1.0						
MONROE CREEK BELOW BIG MONROE CANAL							
Sec. 33-33-56 W.							
11- 9	1.3	4-11	0.7	6- 4	0.0	8-28	0.8
1- 4	1.8	4-18	.4	6-17	.0	9-11	.8
2-19	2.5	5- 2	.0	7- 2	1.2	9-25	.8
3-25	.9	5-16	.0	7-16	1.6		
4- 4	1.4	5-28	.0	8-13	.9		
MONROE CREEK ABOVE JORDAN RESERVOIR							
Sec. 23-33-56 W.							
11- 9	0.8	4-11	0.6	5-28	0.4	8-13	0.8
1- 4	1.1	4-18	.5	6-17	.2	8-28	1.1
1-23	.9	5- 2	.3	7- 2	1.0	9-11	.6
3-24	.6	5-16	.4	7-16	.6	9-25	.6
MONROE CREEK BELOW JORDAN CANAL							
Sec. 22-33-56 W.							
2-19	3.0	4- 4	0.4				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
MOON CREEK NEAR LOUP CITY Sec. 10-15-15 W.							
5-14	1.6						
MUDDY CREEK NEAR HAZARD Sec. 29-13-15 W.							
6- 4	29.8						
MUNSON CREEK NEAR ELBA Sec. 33-16-11 W.							
5- 5	0.7						
NEMAHA RIVER, LITTLE, TRIBUTARY TO, NEAR SYRACUSE Sec. 17-8-11 E.							
7-14	414.0						
NIOBRARA RIVER AT WYOMING-NEBRASKA STATE LINE Sec. 20-31-57 W.							
12-29	6.1	5-29	5.5	7- 8	3.8	9- 5	3.8
3- 6	5.7	6-14	5.3	7-22	17.0	9-18	3.4
4-18	10.0	6-19	2.8	8- 7	2.9	9-30	3.8
5- 1	6.8	6-25	3.0	8-21	3.4		
NIOBRARA RIVER NEAR HARRISON Sec. 9-29-56 W.							
4-18	11.0	6-19	5.7	7-22	5.0	9- 5	0.8
5-29	8.7	6-25	12.6	8- 7	5.4	9-18	4.1
6-13	6.5	7- 8	7.0	8-21	5.6	9-30	3.8
NIOBARA RIVER NEAR AGATE Sec. 7-28-55 W.							
3- 6	27.1	6-12	6.6	7-22	4.4	9-17	5.3
4-15	25.7	6-19	3.2	8- 7	7.2		
5-14	18.4	6-25	11.2	8-20	10.6		
6- 3	9.7	7- 8	4.7	9- 4	5.0		
NIOBRARA RIVER Sec. 25-29-56 W.							
9-30	1.8						
NIOBRARA RIVER BELOW MOUTH OF WHISTLE CREEK Sec. 7-28-53 W.							
10- 9	16.2	4-29	15.6	7- 9	6.0	9- 4	7.6
11-15	27.0	5-21	13.1	7-23	9.1	9-17	3.9
2- 8	35.4	6- 3	11.3	8- 7	6.6		
3- 6	33.4	6-12	2.7	8-20	5.6		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
NIORRARA RIVER NEAR MARSLAND							
Sec. 36-29-51 W.							
5-20	19.7	6-26	19.1	8- 6	10.3	9-16	8.8
5-26	18.4	7- 9	12.7	8-19	10.2		
6-11	9.4	7-23	18.8	9- 3	11.4		
NIORRARA RIVER BELOW POTMESIL DIVERSION							
Sec. 26-29-48 W.							
6-10	2.8	7-24	0.1	8-12	2.2	9- 9	2.2
6-23	9.4	7-29	.1	8-19	.1	9-16	1.2
7- 3	.2	7-31	11.9	8-26	.7	9-24	.9
7-10	.1	8- 5	.2	9- 3	1.4		
NIORRARA RIVER ABOVE MONTAGUE PUMP							
Sec. 28-49-48 W.							
8-12	122.0						
OMAHA CREEK, SOUTH, NEAR WALTHILL							
Sec. 35-25-8 E.							
5-22	366.0						
OMAHA CREEK, SOUTH, NEAR WALTHILL							
Sec. 26-25-8 E.							
5-22	1630.0						
OMAHA CREEK, TRIBUTARY TO, NEAR WALTHILL							
Sec. 13-25-8 E.							
5-22	240.0						
OMAHA CREEK, TRIBUTARY TO, NEAR WALTHILL							
Sec. 11-25-8 E.							
5-22	2800.0						
OTTER CREEK NEAR LEMOYNE							
Sec. 32-16-40 W.							
10-10	21.4	1- 7	22.8	4- 8	19.9	7- 1	19.3
10-25	22.0	2- 8	22.8	4-24	21.7		
11-20	26.2	3-11	21.4	5- 9	21.7		
12- 3	22.1	3-25	18.0	5-23	22.6		
OWL CREEK NEAR SYRACUSE							
Sec. 18-8-11 E.							
7-14	207.0						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
PAWNEE CREEK							
Sec. 4-12-27 W.							
10-16	7.5	2-16	15.9	5- 3	12.0	8- 1	2.0
10-30	9.4	3- 7	14.0	5-17	17.3	8-20	3.5
11- 6	10.5	3-25	18.8	6- 4	3.4	9- 9	2.5
11-28	12.2	4- 1	14.8	6-21	1.4	9-30	1.9
12-18	3.8	4-18	12.5	7- 8	.6		
1- 8	8.0	4-23	13.6	7-23	1.5		
PINE CREEK NEAR COLCLESSER MILL							
Sec. 33-30-44 W.							
4-24	24.7	7- 1	15.9	8-27	13.2		
6- 5	20.9	8-14	15.7	9-23	15.5		
PRAIRIE CREEK NEAR GRAND ISLAND							
Sec. 16-12-9 W.							
6- 4	6.5						
PRAIRIE DOG CREEK ABOVE SCHILT-PRAIRIE DOG CREEK CANAL—Sec. 35-33-56 W.							
11-28	0.2	6-17	0.0	8-28	0.0		
PRAIRIE DOG CREEK BELOW SCHILT-PRAIRIE DOG CREEK CANAL—Sec. 35-33-56 W.							
11-28	0.0	6-17	0.0	8-28	0.0		
PRAIRIE DOG CREEK							
Sec. 17-33-55 W.							
11- 9	0.0	2-19	0.0	4-11	0.0	8-28	0.0
11-16	.0	3-25	4.0	4-18	.0	9-11	.0
1-23	.0	4- 4	.4	5-16	.8		
PUMPKINSEED CREEK ON KIMBALL-GERING HIGHWAY							
Sec. 4-19-55 W.							
5- 2	0.9	6-23	2.4	8- 1	2.6	9-12	0.4
5- 8	.6	7- 8	2.4	8- 9	2.0	9-20	1.1
5-24	13.2	7-18	2.6	8-16	4.0		
PUMPKINSEED CREEK ABOVE HEARD CANAL ON SOUTH LINE—Sec. 11-19-54 W.							
5-28	9.2	7-18	2.6	8-16	0.8		
6-13	5.0	8- 1	3.2	9-12	2.8		
7- 8	3.5	8- 9	1.7	9-20	1.9		
PUMPKINSEED CREEK BELOW HEARD CANAL							
Sec. 14-19-54 W.							
5- 2	2.4	5- 9	1.6	6-23	3.5		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
PUMPKINSEED CREEK ON WEST LINE							
Sec. 18-19-53 W.							
5- 2	2.6	5-28	8.2	7-18	4.9		
5- 9	3.5	6-13	3.7				
PUMPKINSEED CREEK ON WEST LINE							
Sec. 22-19-53 W.							
5- 2	5.8						
PUMPKINSEED CREEK ON EAST LINE							
Sec. 22-19-53 W.							
5- 9	6.1	7-18	7.4	8-16	4.0		
5-28	12.8	8- 1	6.0	9-12	4.9		
6-13	6.4	8- 9	3.3	9-20	5.7		
PUMPKINSEED CREEK BELOW MEREDITH-AMMER CANAL							
Sec. 23-19-50 W.							
6- 9	7.8						
PUMPKINSEED CREEK BELOW COURT HOUSE ROCK CANAL							
Sec. 30-19-50 W.							
6- 6	7.8	7- 5	1.8	8-16	0.1		
6-23	1.9	8-12	1.4				
PUMPKINSEED CREEK BELOW LAST CHANCE CANAL							
Sec. 27-19-50 W.							
6- 7	2.8	6-11	2.2				
PUMPKINSEED CREEK ABOVE BELMONT SPILL							
Sec. 23-19-50 W.							
6-11	10.2						
RED CREEK, LITTLE, ABOVE CONFLUENCE WITH PRAIRIE DOG CREEK—Sec. 26-33-56 W.							
8-28	0.0						
RED WILLOW CREEK NEAR McCOOK							
Sec. 6-4-29 W.							
5-15	40.4	6-10	21.3	8-27	14.0		
REPUBLICAN RIVER NEAR MAX							
Sec. 32-2-36 W.							
7- 1	0.2	8-12	0.0	9- 9	0.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
ROCK CREEK NEAR ROCKVILLE							
Sec. 5-13-13 W.							
6- 4	0.0						
ROPE CREEK NEAR ALMA							
Sec. 25-2-19 W.							
10-12	0.8	6-13	0.6	8- 8	0.4		
5-16	1.4	7-11	.4	9- 6	3.1		
SAND CREEK BELOW BENDIX CANAL							
Sec. 33-33-53 W.							
10-24	0.1	11-16	0.0	6-21	0.0	8-14	0.0
SAND CREEK							
Sec. 34-16-40 W.							
10-25	4.2	12- 3	3.4	3-25	4.5		
11-26	4.0	3-11	5.7	4- 8	5.1		
SAND CREEK NEAR CHAMPION							
Sec. 22-6-39 W.							
6- 9	2.3						
SAND CREEK (WHITEMAN FORK)							
Sec. 22-6-39 W.							
11- 9	3.2						
SARBEN SLOUGH							
Sec. 20-14-35 W.							
10-11	8.6	4-11	7.7	7- 1	7.4	8-22	9.6
10-18	8.4	5- 2	7.6	7- 8	9.0	8-29	9.4
10-30	8.2	5- 8	7.6	7-16	7.6	9- 8	8.2
11-30	7.9	5-22	10.7	7-23	8.0	9-16	8.2
1-17	7.8	6- 5	7.1	7-30	7.3	9-24	8.5
2- 9	8.7	6-13	6.9	8- 5	8.3		
3-10	11.4	6-19	8.2	8-13	8.6		
SCOTTSBLUFF DRAIN NO. 1							
Sec. 25-22-55 W.							
10-22	12.7	2-15	6.4	5-22	7.8	9-18	25.3
11-19	11.5	3- 5	5.2	6- 9	15.4		
12-14	9.2	4- 8	4.7	6-26	11.1		
1- 7	8.4	4-29	5.2	8-11	17.2		
SCOTTSBLUFF DRAIN NO. 2							
Sec. 34-22-54 W.							
10-22	2.6	1-30	0.3	4- 8	0.6	6-26	10.2
11-19	1.3	2-15	.4	4-29	.7	8-11	12.0
12-14	.7	3- 5	.4	5-22	8.6	9-15	9.9
1- 7	.2	3-21	.9	6- 9	17.2		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SCOUT CREEK NEAR NORTH PLATTE							
Sec. 20-14-30 W.							
10- 9	19.9	2-13	0.6	5-21	1.4	8-11	31.5
10-16	12.9	2-26	.3	6- 3	.2	8-20	18.3
10-23	2.4	3- 6	.4	6-11	.8	8-26	5.9
11- 7	.4	3-14	.6	6-17	4.8	9- 3	23.1
11-15	.3	3-26	1.0	7- 2	11.4	9-10	18.0
11-28	.2	4- 8	.2	7- 9	4.9	9-17	14.2
12- 5	.3	4-16	.3	7-14	11.6	9-23	7.6
12-21	.2	4-24	.7	7-22	9.3	9-30	7.8
1- 8	.1	5- 6	.1	7-29	8.5		
2- 5	.5	5-15	.1	8- 4	23.2		
SHELDON DRAIN							
Sec. 14-11-26 W.							
10-10	12.1	2- 5	10.2	5-27	8.7	8- 6	10.0
10-16	12.6	2-26	10.2	6-10	8.1	8-20	9.6
10-29	11.3	3-11	10.9	6-17	7.8	9- 3	8.8
11-28	10.5	4- 4	11.3	7- 1	8.9	9-19	7.8
12-18	10.4	4-18	10.0	7- 9	8.4	9-30	8.2
1-15	9.6	5-12	9.5	7-22	7.8		
SHEPHERD CREEK NEAR NORTH LOUP							
Sec. 30-18-12 W.							
5-19	0.1						
SILVER CREEK NEAR GRAND ISLAND							
Sec. 28-12-9 W.							
6- 4	2.4	9- 8	0.0	9-24	0.0		
SILVER CREEK NEAR COLON							
Sec. 6-15-8 E.							
6-27	164.0						
SILVERNAIL DRAIN							
Sec. 6-19-49 W.							
10- 3	8.2	1- 5	6.0	5- 7	41.7	8-11	10.1
10-15	7.0	1-19	7.2	5-14	7.1	8-18	12.6
10-22	7.3	2- 8	4.9	5-27	17.5	9- 2	30.1
10-30	7.0	2-18	6.4	6-16	5.8	9- 8	26.2
11- 6	6.9	3- 3	5.4	7- 7	7.9	9-18	42.0
11-13	7.1	3-17	7.0	7-16	18.4	9-29	30.0
12-10	7.4	4- 9	5.3	7-21	8.0		
12-17	8.4	5- 1	4.3	7-28	8.3		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SKUNK CREEK							
Sec. 1-14-37 W.							
11- 2	3.0	2- 8	3.0	5- 8	2.8	8-28	2.5
11-30	3.2	3-10	3.5	6-30	2.6	9-19	2.6
1-17	3.3	4-10	2.7	7-31	2.5		
SNAKE CREEK ABOVE ELMORE RESERVOIR							
Sec. 32-25-51 W.							
10-19	2.8	1-24	2.4	4-18	5.5	9-13	0.9
11- 7	3.2	3- 7	3.2	7-25	2.2		
SNAKE CREEK BELOW ELMORE RESERVOIR							
Sec. 6-24-51 W.							
7-25	0.0	9-13	0.0	---			
SNAKE CREEK ON ALLIANCE-BRIDGEPORT HIGHWAY 19							
Sec. 17-24-48 W.							
11- 7	0.0	3- 7	0.0	7-25	0.0		
1-24	.0	4-18	4.4	9-13	.0		
SNAKE CREEK SOUTHEAST OF ALLIANCE							
Sec. 29-24-47 W.							
10-19	0.4	1-24	1.5	4-18	3.8		
11- 7	1.0	3- 7	2.4	7-25	.0		
SNAKE CREEK ONE MILE WEST OF ANTIOCH							
Sec. 7-24-45 W.							
10-19	0.0	1-24	0.0	4-18	0.0		
11- 7	.0	3- 7	.0				
SOLDIER CREEK ABOVE JAMES PUMP							
Sec. 5-31-53 W.							
4-12	2.8	5-24	3.0	7-12	1.7		
4-21	2.8	6-18	1.9	8-23	1.9		
SOLDIER CREEK ABOVE FT. ROBINSON RESERVOIR							
Sec. 3-31-53 W.							
10-23	3.2	1-25	2.2	7-12	0.4		
11-26	3.0	6-18	.3	8-23	.3		
SOW BELLY CREEK BELOW ZIMMERMAN CANAL							
Sec. 34-33-55 W.							
7- 2	1.8	8-28	0.2	9-11	0.1		

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SOW BELLY CREEK							
Sec. 5-32-55 W.							
1-23	1.0	4-18	0.2	7- 2	1.4	9-11	1.4
4-11	.2	5-16	.3	8-28	1.5		
SPOTTED TAIL CREEK, WET							
Sec. 6-22-55 W.							
10-15	15.2	3- 5	12.7	6- 3	15.5	8-26	22.5
11-19	15.7	3-21	12.7	6-17	19.2	9- 9	19.8
12-21	14.7	4- 8	11.0	7- 1	14.1	9-23	20.8
1- 7	12.5	4-21	14.0	7-15	15.2		
1-28	12.5	5- 5	11.4	7-29	14.0		
2-18	12.5	5-20	16.0	8-12	18.6		
SPRING CREEK, TRIBUTARY TO NORTH PLATTE RIVER							
Sec. 4-23-58 W.							
1-18	5.5	2- 8	16.7				
SPRING CREEK, TRIBUTARY TO SOW BELLY CREEK							
Sec. 34-33-55 W.							
7- 2	0.0						
SPRING CREEK, TRIBUTARY TO LITTLE COTTONWOOD CREEK							
Sec. 13-32-52 W.							
1- 9	0.2	1-18	0.4	3-31	0.2		
SPRING CREEK NEAR SUMTER							
Sec. 21-19-13 W.							
6-16	11.2						
SPRING CREEK NEAR OXFORD							
Sec. 15-3-20 W.							
7-30	0.7						
SQUAW CREEK BELOW SHEPHERD CANAL							
Sec. 36-34-57 W.							
8-13	0.0						
SQUAW CREEK ABOVE McDOWELL RESERVOIR							
Sec. 12-31-52 W.							
10-10	0.3	1- 5	0.0	3-31	0.8	7-19	0.0
10-23	.3	1-30	.7	4-25	.5	8- 8	.0
11- 5	.3	2-25	.5	5-17	1.0	8-30	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SQUAW CREEK BELOW McDOWELL RESERVOIR							
Sec. 1-31-52 W.							
10-10	0.8	1-10	0.2	4-17	0.7	7-19	0.2
10-23	1.3	1-30	.2	4-25	.5	8- 8	.1
11- 5	1.0	2-25	.0	5-17	1.0	8-30	.2
1- 5	.5	3-31	3.4	5-31	.4		
STREVER CREEK NEAR OVERTON							
Sec. 1-8-20							
10-18	20.8	1- 3	13.7	4- 2	35.4		
11- 2	15.7	1-31	17.6	4-16	26.3		
11-29	16.9	2-14	20.1	4-30	26.6		
SWEET AND CHERRY CREEKS NEAR CAIRO ON SOUTH LINE							
Sec. 13-12-13 W.							
10-17	0.0	7-23	0.0	9-11	0.0		
6- 4	.0	9- 3	.0	9-25	.0		
TEKAMAH CREEK, SOUTH, TRIBUTARY TO, NEAR TEKAMAH							
Sec. 34-21-10 E.							
7- 6	552.0						
TRUNK BUTTE CREEK							
Sec. 25-33-50 W.							
4-12	1.2	9-15	0.0				
TUB SPRINGS ABOVE ENTERPRISE CANAL							
Sec. 33-23-55 W.							
4-12	27.5	6-10	25.1	7-29	40.8	9- 9	45.4
5- 5	32.2	6-17	28.6	8- 5	50.0	9-16	44.9
5-13	29.8	7- 1	34.3	8-12	42.6	9-23	46.2
5-20	48.3	7- 8	35.4	8-19	39.3	9-30	93.5
5-27	44.5	7-15	38.9	8-26	40.0		
6- 3	53.8	7-22	84.9	9- 2	96.0		
TURKEY CREEK NEAR DANNEBROG ON WEST LINE							
Sec. 26-14-11 W.							
6- 4	0.0	6-19	0.0				
TURKEY CREEK NEAR PAWNEE CITY							
Sec. 23-1-11 E.							
8-29	2410.0						
TURTLE CREEK NEAR ELYRIA							
Sec. 31-20-14 W.							
5- 5	4.8						

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

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.							
5- 7	8.9	6-25	5.5	7-23	4.2		
VICTORIA CREEK NEAR GATES							
Sec. 2-19-21 W.							
5- 7	7.3	6-25	4.7				
WAGNER CREEK NEAR COMSTOCK ON WEST LINE							
Sec. 3-18-17 W.							
5- 7	0.2	7-22	0.2				
WAHOO CREEK, NORTH FORK, NEAR PRAGUE							
Sec. 24-15-5 E.							
6-27	4520.0						
WALLACE CREEK NEAR SCOTIA							
Sec. 3-17-12 W.							
5-19	0.0						
WALNUT RUN CREEK NEAR FRANKLIN							
Sec. 32-2-14 W.							
10-12	0.4	6-13	0.0	8- 8	0.1		
5-16	.8	7-11	.0	9- 6	.0		
WARBONNET CREEK ABOVE WARBONNET CANAL							
Sec. 20-33-56 W.							
2-19	6.4	5-16	3.0	7-16	1.5		
4-11	2.7	6- 4	4.0	9-25	1.0		
WARBONNET CREEK BELOW WARBONNET CANAL							
Sec. 21-33-56 W.							
2-19	7.3	5-16	0.1	7-16	0.1		
4-11	2.9	6- 4	.5	9-25	.7		
WEEPING WATER CREEK, NORTH BRANCH, NEAR WEEPING WATER—Sec. 7-10-12 E.							
7-14	289.0						
WHISTLE CREEK							
Sec. 12-28-54 W.							
10- 9	0.0	6- 3	0.1	7-23	0.0	9- 4	0.0
2- 8	.2	6-12	.0	8- 7	.0	9-17	.0
4-29	.1	7- 9	.0	8-20	.0		

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
WHITE CLAY CREEK NEAR CRAWFORD							
Sec. 2-31-52 W.							
10-23	2.5	2-25	3.5	5-17	1.5	8-8	0.5
1-10	2.5	4-17	2.9	5-31	2.5	8-30	.4
2-2	1.6	4-25	2.8	7-19	.8		
WHITE CLAY CREEK ABOVE WHITNEY DIVERSION							
Sec. 26-32-52 W.							
1-10	1.8	5-5	0.2	6-30	1.0	9-8	0.1
4-10	3.5	5-19	.3	7-28	.1	9-15	.1
4-19	4.1	6-9	.4	8-8	.1	9-29	.1
4-28	5.0	6-16	.3	8-25	.3		
WHITE CLAY CREEK ABOVE JUNCTION WITH LARABEE CREEK—Sec. 6-34-44 W.							
1-11	1.8	6-5	4.7	8-1	2.1	9-23	1.5
4-24	4.1	7-1	3.7	8-27	1.7		
WHITE HEAD CREEK							
Sec. 13-33-54 W.							
10-19	0.1						
WHITE HORSE CREEK NEAR GANNETT							
Sec. 5-13-29 W.							
10-6	22.5	1-9	17.3	4-23	39.3	7-23	4.6
10-16	18.8	2-16	31.5	5-3	23.7	8-1	2.6
10-30	21.8	3-7	27.1	5-17	46.7	8-20	4.7
11-16	21.3	3-28	48.9	6-4	15.9	9-13	3.8
11-28	23.8	4-4	28.8	6-21	7.5		
12-22	10.4	4-18	47.0	7-8	5.1		
WHITE RIVER NEAR WHITNEY							
Sec. 7-32-50 W.							
3-24	26.6						
WHITE RIVER ABOVE WHITNEY DIVERSION							
Sec. 26-32-52 W.							
10-24	21.8	4-28	19.0	6-16	1.9	8-25	0.9
2-1	24.8	5-5	8.5	6-30	12.2	9-8	1.3
2-23	19.9	5-19	17.8	7-14	11.7	9-10	1.0
4-10	26.0	5-27	22.4	7-28	5.2	9-15	9.0
4-19	25.0	6-9	10.5	8-11	7.4	9-29	.9

DISCHARGE MEASUREMENTS OF STREAMS—Concluded
Year Ending September 30, 1952

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
WHITE RIVER BELOW WHITNEY DIVERSION							
Sec. 26-32-52 W.							
10-24	3.9	5- 5	8.8	6-30	8.8	9- 8	2.2
2- 1	28.9	5-19	2.8	7-14	13.8	9-15	10.2
4-10	20.2	5-27	6.7	7-28	5.8	9-29	1.8
4-19	18.4	6- 9	.9	8-11	4.2		
4-28	24.8	6-16	.8	8-25	1.8		
WHITE TAIL CREEK							
Sec. 36-15-38 W.							
11- 2	29.8	2- 8	30.4	6- 5	28.5	9- 5	28.3
11-16	28.2	3-11	31.3	6-30	24.8	9-26	31.2
12-17	31.1	4-10	30.4	7-23	28.1		
1-18	30.0	5- 9	31.5	8-21	27.8		
WIGGLE CREEK NEAR LOUP CITY							
Sec. 7-14-14 W.							
6-10	0.0						
WILLOW CREEK NEAR GUIDE ROCK							
Sec. 1-1-10 W.							
10-12	0.8	6-13	1.1	8- 8	1.0		
5-16	1.0	7-11	.6	9- 6	1.2		
WOOD CREEK NEAR LOMAX							
Sec. 36-13-21 W.							
3-14	0.5						
WOOD RIVER							
Sec. 9-9-15 W.							
8- 7	0.9						

THIS PAGE INTENTIONALLY LEFT BLANK

**DISCHARGE
MEASUREMENTS
OF CANALS**

MEASUREMENT OF CANALS
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
------	-----------------------	------	-----------------------	------	-----------------------	------	-----------------------

ADAMS CANAL—D-371

Diverted from Lodgepole Creek—Sec. 3-14-52 W.

4-17	0.0	5-1	0.0	8-7	0.0
4-25	.0	5-15	.0	9-18	.0

ADEN PUMP—A-3882

Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.

8-8	0.0
-----	-----

AIREDALE CANAL NO. 1—A-698, A-1380

Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.

Measurements made at 5.5 ft. Weir

3-29	0.0	5-17	0.0	7-5	0.0	8-16	0.0
4-4	.0	5-25	.0	7-12	.0	8-23	.0
4-12	.0	6-8	.0	7-19	.0	8-30	.0
4-20	.0	6-14	.0	7-26	.0	9-12	.0
5-3	.0	6-21	.0	8-2	.0	9-19	.0
5-10	1.0	6-28	.0	8-10	.0	9-26	.0

AIREDALE CANAL NO. 2—A-699, A-1133

Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.

3-29	0.0	5-17	0.7	6-28	0.1	8-10	0.1
4-4	.0	5-25	.4	7-5	.3	8-16	.1
4-12	.0	6-8	.4	7-19	.1	8-23	.1
4-20	.0	6-14	.4	7-26	.1	8-30	.1
5-3	.7	6-21	.3	8-2	.1	9-12	.0
5-10	.6					9-19	.0
						9-26	.0

AIREDALE CANAL NO. 3—A-1508

Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.

3-29	0.0	5-17	0.0	7-5	0.0	8-16	0.0
4-4	.0	5-25	.0	7-12	.0	8-23	.0
4-12	.0	6-8	.0	7-19	.0	8-30	.1
4-20	.0	6-14	.0	7-26	.0	9-12	.0
5-3	.0	6-21	.0	8-2	.0	9-19	.0
5-10	1.0	6-28	.0	8-10	.0	9-26	.0

ALLEN-LARNED CANAL—D-117

Diverted from Buffalo Creek—Sec. 18-1-40 W.

10-17	0.0	7-3	0.0	7-17	0.0	9-18	0.0
6-5	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
ANDERSON CANAL—D-373							
Diverted from Lodgepole Creek—Sec. 8-14-51 W.							
4-17	1.2	5-29	3.3	7-10	0.2	8-21	1.3
4-25	1.1	6- 5	.3	7-17	.1	8-28	.1
5- 1	1.0	6-12	.3	7-24	.1	9-11	.1
5-15	1.1	6-19	.3	7-31	.1	9-18	.1
5-22	1.9	7- 3	.4	8-14	1.4		
ANDREWS SUPPLY CANAL—A-2558							
Diverted from Sow Belly Creek and Andrews Reservoir, A-2530 Sec. 5-32-55 W.							
10-19	0.0	11-16	0.0	5-16	0.0		
10-30	.0	4-12	.0	6-15	1.7		
ASH CREEK CANAL, WEST—D-452R, A-434							
Diverted from West Ash Creek—Sec. 35-32-51 W.							
10- 6	0.0	11- 3	0.0	5-14	1.6	7-23	0.0
10-26	.0	4-17	.0	6- 4	.0	8-14	.0
ASHMORE PUMP—A-4615							
Diverted from Stinking Water Creek—Sec. 25-5-34 W.							
8-28	0.0						
ATKINS-POLLY CANAL—D-342, D-344							
Diverted from Lodgepole Creek—Sec. 30-15-55 W.							
Measurements made at Rating Flume							
10- 3	0.0	5-22	0.0	7-16	0.0	8-27	4.4
4-17	.0	5-29	3.4	7-23	4.0	9- 5	.1
4-24	.0	6- 4	.0	7-31	1.0	9-10	.0
4-30	.0	6-11	.0	8- 6	.5	9-17	.0
5- 7	.0	6-19	.0	8-13	.1	9-24	.0
5-14	.0	7- 9	.0	8-20	.0		
BABCOCK PUMP—A-3701							
Diverted from Medicine Creek—Sec. 18-4-25 W.							
9-20	0.0						
BARBER CANAL—D-754, A-1111							
Diverted from Clear Creek—Sec. 29-16-41 W.							
4-27	5.1	5-28	0.0	8- 9	4.0	9-17	0.3
5- 9	.0	7-18	1.6	8-27	3.3		
BARRETT CANAL—D-334							
Diverted from Lodgepole Creek—Sec. 32-14-46 W.							
4-19	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BARRON CANAL, EAST—A-2024							
Diverted from East Ash Creek—Sec. 32-32-50 W.							
10- 6	0.0	3-27	0.0	5-25	0.0	8-14	0.0
10-26	.0	4-17	1.8	6- 4	.0		
11- 3	.0	5-14	3.0	7-23	.0		
BARRON CANAL, WEST—D-438R							
Diverted from East Ash Creek—Sec. 32-32-50 W.							
5- 1	1.9	6-25	0.0				
BARSTOW PUMP—D-330R							
Diverted from Lodgepole Creek—Sec. 28-14-47 W.							
6- 7	0.0	7-13	0.0	8-15	0.0	9-28	0.0
6-15	.0	7-18	.0	8-24	.0		
6-20	1.2	7-25	.0	8-29	.0		
7- 6	.0	8- 1	.0	9-20	.0		
BEAL CANAL—A-1620							
Diverted from South Platte River—Sec. 20-13-40 W.							
10-11	8.3	4-30	16.5	6-26	0.4	8-16	10.3
10-18	2.5	5- 7	3.0	7- 3	.6	8-23	20.5
10-25	.9	5-14	.8	7-10	.6	8-30	.5
11- 3	.5	5-28	.2	7-18	.4	9- 7	.7
4- 9	10.5	6- 7	.6	7-25	.8	9-17	9.1
4-17	4.4	6-13	.0	8- 2	.0	9-24	1.2
4-23	7.0	6-19	.7	8- 7	3.3		
BEISER CANAL—A-1056							
Diverted from Niobrara River—Sec. 4-29-56 W.							
10- 9	0.0	3- 5	3.6	6-14	0.0		
11- 7	.0	3-28	4.5	7-13	.0		
11-21	.0	4-13	.0	8- 7	.0		
BENDIX CANAL—A-189, A-1669							
Diverted from Sand Creek—Sec. 35-33-53 W.							
10-13	0.0	11-17	0.0	4-21	0.1	8- 8	0.0
10-31	.0	4- 7	.2	7-23	.0	8-21	.0
BENNETT CANAL—A-1249							
Diverted from Niobrara River—Sec. 1-28-54 W.							
10- 3	0.0	3-13	0.0	6-12	0.0	9-14	0.0
10-10	.5	4-10	.0	7-10	.2	9-18	.0
10-27	.0	5- 6	.0	8- 2	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BENNETT CANAL NO. 3—A-934							
Diverted from Lodgepole Creek—Sec. 29-15-54 W.							
4-17	0.0	5- 1	0.0				
BIGELOW-SEYMOUR CANAL—D-510							
Diverted from Niobrara River—Sec. 19-31-57 W.							
10-10	0.0	11-30	0.0	6-15	0.0	8-23	0.0
11- 7	.0	3-28	.0	7-13	.0		
11-21	.0	4-13	.0	8- 7	.0		
BIRDWOOD CANAL, WEST—D-652							
Diverted from Birdwood Creek—Sec. 22-15-33 W.							
10-10	2.0	5- 1	0.0	6-25	0.8	8-21	2.0
10-17	2.4	5- 8	2.7	7- 2	2.1	8-27	1.2
10-24	.1	5-16	.2	7- 9	1.3	9- 5	1.2
10-31	.1	5-24	1.8	7-16	1.4	9-11	1.3
11- 7	.1	5-31	1.9	7-23	1.4	9-19	1.6
4-10	.0	6- 6	1.3	7-30	1.5	9-27	1.5
4-18	.0	6-11	1.1	8- 6	1.1		
4-24	.0	6-18	1.0	8-13	1.3		
BLANK-JOY CANAL—A-2025							
Diverted from Center Creek—Sec. 1-1-15 W.							
8-30	0.0						
BLUHM CANAL—A-1811							
Diverted from Lodgepole Creek—Sec. 36-14-48 W.							
4-18	0.0	6-29	0.0				
BOELUS POWER CANAL—A-1373							
Diverted from Middle Loup River—Sec. 30-13-12 W.							
Measurements made at Headrace Flume							
4-25	561.0	8-16	594.0	8-31	594.0	9-19	0.0
BOTH CANAL, NORTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
4-18	0.0	5-24	4.4	7- 6	0.0	8-15	0.0
4-27	.0	5-31	.0	7-13	.0	8-24	.2
5- 2	.0	6- 7	.1	7-18	.0	8-29	.0
5- 9	.0	6-15	2.5	7-25	.0	9-27	.0
5-18	6.0	6-20	.1	8- 1	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BOOTH CANAL, SOUTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
4-18	0.0	5-24	0.0	7- 6	0.0	8-15	0.1
4-27	.0	5-31	5.5	7-13	.1	8-24	.1
5- 2	.0	6- 7	5.6	7-18	.0	8-29	.1
5- 9	.0	6-15	.1	7-25	.0	9-27	.0
5-18	.0	6-20	.1	8- 1	.0		
BORDWELL CANAL, SOUTH—D-302							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
4-18	0.0	5-24	0.0	7-18	0.0	8-29	0.0
4-25	.0	5-29	.0	7-25	.0	9-27	.0
5- 2	.0	6- 5	.0	7-31	.0		
5- 8	.0	6-20	.0	8-15	.0		
5-15	.0	7- 6	.0	8-24	.0		
BORDWELL CANAL, NORTH—D-303							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
4-18	2.6	5-24	0.0	7-18	0.0	8-29	0.0
4-25	2.3	5-29	.0	7-25	.0	9-27	.0
5- 2	.0	6- 5	.0	7-31	.0		
5- 8	.0	6-20	.0	8-15	.0		
5-15	.0	7- 6	.0	8-24	.0		
BORQUIST CANAL, SOUTH—D-300							
Diverted from Lodgepole Creek—Sec. 34-14-49 W.							
4-18	0.0	5-15	0.0	6-20	0.0	7-31	0.0
4-25	.0	5-24	.0	7- 6	.0	8-15	.0
5- 2	.0	5-29	.0	7-18	.0	8-29	.0
5- 8	.0	6- 5	.0	7-25	.0	9-27	.0
BORQUIST CANAL, NORTH—D-301							
Diverted from Lodgepole Creek—Sec. 34-14-49 W.							
4-18	0.0	5-15	0.0	6-20	0.0	7-31	0.0
4-25	.0	5-24	.0	7- 6	.0	8-15	.0
5- 2	.0	5-29	.0	7-18	.1	8-29	.0
5- 8	.0	6- 5	.0	7-25	.0	9-27	.0
BRANDT PUMP—A-4529							
Diverted from Medicine Creek—Sec. 12-4-26 W.							
9-20	0.0						
BRATT CANAL—A-1316							
Diverted from White Horse Creek—Sec. 9-14-30 W.							
9-24	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
BROWN PUMP—A-3758							
Diverted from Indian Creek—Sec. 23-2-36 W.							
Measurements made at Pump Site							
10-18	0.0	6-28	0.0				
BROWN PUMP—A-4613							
Diverted from Medicine Creek—Sec. 1-4-26 W.							
9-20	0.0						
BUKER, JAY D. PUMP—A-3835							
Diverted from Medicine Creek—Sec. 18-7-27 W.							
9-20	0.0						
BUKER, GUY S. PUMP—A-3287							
Diverted from Medicine Creek—Sec. 12-6-27 W.							
9-20	0.0						
BULLOCK CANAL—D-296							
Diverted from Lodgepole Creek—Sec. 3-13-46 W.							
4-19	0.0	5-23	0.0	7-20	0.0	9-14	0.0
4-27	.0	5-31	.0	8- 3	.0	9-20	.0
5- 2	.0	6- 6	.0	8-17	.0	9-28	.0
5- 9	.0	6-15	.0	8-22	.0		
5-18	.0	7-13	.0	8-31	.0		
BULLOCK CANAL—A-437							
Diverted from Lodgepole Creek—Sec. 4-13-46 W.							
4-19	0.0	5-23	0.0	7-20	0.0	8-31	0.0
5- 2	.0	6- 6	.0	8- 3	.0		
5- 9	.0	6-15	.0	8-17	.0		
5-18	.0	7-13	.0	8-22	.0		
BUSHNELL CANAL—A-504							
Diverted from Lodgepole Creek—Sec. 2-14-58 W.							
4-16	0.0	5-14	0.0	7-30	0.0	9-24	0.0
4-30	.0	5-28	.0	8-13	.0		
5- 7	.0	6-18	.0	8-27	.0		
BUTLER PUMP—A-3443							
Diverted from Republican River—Sec. 31-1-7 W.							
Measurements made at Pump Site							
7- 6	0.0	8-30	0.0				
CALADONIA CANAL—A-1681, A-1683							
Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.							
10- 5	0.0	4-19	0.0	7-27	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
CAPRON CANAL—D-890							
Diverted from Greenwood Creek—Sec. 15-18-50 W.							
3-15	0.1	5-11	0.0	7-17	0.0	8-21	0.0
3-26	.1	5-24	.0	7-24	.0	8-28	.0
4- 7	.1	6- 7	.0	8- 1	.0	9-11	.0
4-14	.0	6-19	.0	8- 7	.0	9-18	.0
5- 4	.0	7- 3	.0	8-14	.0	9-25	.0
CHAMPION CANAL—D-47, A-1108							
Diverted from Frenchman River—Sec. 23-6-40 W.							
4-30	6.9	6-25	0.0	7-30	20.9	8-20	0.5
5-14	19.2	7-16	6.2	8- 6	11.5	9-17	.0
CHASE COUNTY LAND AND LIVESTOCK CANAL NO. 1—A-57							
Diverted from Stinking Water Creek—Sec. 4-7-38 W.							
4-23	0.5						
CHRISTENSEN CANAL, NORTH—D-367							
Diverted from Lodgepole Creek—Sec. 7-14-51 W.							
4-17	0.0	6- 5	0.0	7-17	0.0	8-28	0.0
4-25	.0	6-12	.0	7-24	.1	9-11	.0
5- 1	.0	6-19	5.9	7-31	.2	9-18	.0
5-15	.0	6-26	2.2	8- 7	.0		
5-22	.0	7- 3	.9	8-14	.0		
5-29	.0	7-10	.1	8-21	.0		
CHRISTENSEN CANAL, SOUTH—D-366							
Diverted from Lodgepole Creek—Sec. 7-14-51 W.							
4-17	0.0	6- 5	0.0	7-17	0.0	8-28	0.0
4-25	.0	6-12	.0	7-24	.0	9-11	.0
5- 1	.0	6-19	8.9	7-31	.0	9-18	.0
5-15	.0	6-26	.0	8- 7	.0		
5-22	.0	7- 3	.0	8-14	.0		
5-29	.0	7-10	.0	8-21	.0		
CLARK PUMP—A-4715							
Diverted from Muddy Creek—Sec. 9-2-35 W.							
6-28	0.0						
CLEAR CREEK CANAL—D-748							
Diverted from Clear Creek—Sec. 32-16-41 W.							
Measurements made at Rating Flume							
5- 9	0.0	7-18	6.9	8-27	0.0		
5-28	.0	8- 9	4.3	9-17	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
COFFEE CANAL, EAST—D-512							
Diverted from Hat Creek—Sec. 26-33-55 W.							
10-17	0.0	11-15	0.0	6-27	3.0		
10-30	1.5	4-12	.3	8-10	1.1		
COFFEE CANAL, WEST—D-512							
Diverted from Hat Creek—Sec. 26-33-55 W.							
4-12	0.0	6-27	0.0	8-10	0.0		
COFFEE AND SON FLOOD CANAL—A-1236							
Diverted from Hat Creek—Sec. 14-33-55 W.							
10-17	0.0	6-27	0.6	9-21	0.0		
COOK CANALS NO. 1 and 2—D-980							
Diverted from Niobrara River—Sec. 2-28-56 W.							
10-10	0.0	11-21	2.0	6-14	3.3		
COOPER CANAL—A-333							
Diverted from Squaw Creek—Sec. 36-32-52 W.							
10-13	0.0	11-17	0.0	6-6	0.8	9-7	0.0
10-31	.0	4-23	.0	7-6	.0		
11-4	.0	5-11	.4	8-8	.0		
COURTLAND CANAL—A-4222							
Diverted from Republican River—Sec. 7-1-9 W.							
7-6	0.0						
CRESCENT CANAL—A-1575							
Supplemental Storage withdrawn from Crescent Lake							
Sec. 21-20-44 W.							
8-4	29.4	8-10	23.9	8-20	13.0		
CREWS CANAL NO. 1—D-1025R, Petition 241							
Diverted from Republican River, North Fork—Sec. 21-1-41 W.							
10-17	0.0	7-3	0.0	9-18	0.0		
6-5	1.8	8-7	1.0				
CREWS CANAL NO. 2—A-1709							
Diverted from Republican River, North Fork—Sec. 20-1-41 W.							
6-5	0.0	8-7	0.8	9-18	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
CRIGLER CANAL—D-861, A-486							
Diverted from Lawrence Fork—Sec. 1-18-52 W.							
3-30	4.0	5-19	0.1	7-14	0.0	9-15	0.0
4- 5	2.1	5-26	3.6	7-21	3.4	9-22	.0
4-13	4.6	6- 2	3.4	7-28	2.8	9-29	.0
4-28	3.8	6- 9	1.1	8- 4	2.3		
5- 4	1.8	6-16	.0	8-18	.8		
5-11	3.5	7- 7	.0	8-25	.4		
DANIELS PUMP—A-4127							
Diverted from Indian Creek—Sec. 23-2-36 W.							
6-28	0.0						
DELAWARE-HICKMAN CANAL—D-157							
Diverted from Republican River—Sec. 17-1-37 W.							
6-28	0.0						
DICKINSON CANAL—D-967							
Diverted from Lodgepole Creek—Sec. 33-14-47 W.							
4-19	0.0	6- 7	0.0	7-18	0.0	8-29	0.0
4-27	.0	6-15	.5	7-25	.0	9-20	.0
5- 2	.0	6-20	.0	8- 1	.0	9-28	.0
5- 9	.0	7- 6	.0	8-15	.1		
5-23	.0	7-13	.0	8-24	.0		
DICKINSON CANAL—D-969							
Diverted from Lodgepole Creek—Sec. 26-14-47 W.							
4-19	0.0	6- 6	2.0	7-25	0.0	9-20	0.0
4-27	.0	6-15	.0	8- 1	.0	9-28	.0
5- 2	.0	7- 6	.0	8-15	.0		
5- 9	.0	7-13	.0	8-22	.0		
5-23	.0	7-18	.0	8-31	.0		
DOUT BROTHERS CANAL—D-981							
Diverted from Jim Creek—Sec. 7-33-56 W.							
10-19	0.0	4-19	0.0				
DUNN CANAL—A-649							
Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.							
10-13	0.0	4- 7	0.0	5- 1	0.0	8- 8	0.0
10-31	.1	4-20	.0	5-12	.0	8-21	.0
11-17	.0	4-28	.0	7- 2	.0	9- 7	.0
EARNEST CANAL NO. 1—D-514a							
Diverted from Niobrara River—Sec. 9-29-56 W.							
10- 9	0.0	11-30	0.0	6-14	4.5	9-21	0.0
11- 7	.0	3-28	.0	7-13	.0		
11-21	.0	4-13	5.6	8- 7	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
EARNEST CANAL NO. 2—D-514b							
Diverted from Niobrara River —Sec. 9-29-56 W.							
10- 9	0.0	11-30	1.8	6-14	7.4	9-21	0.0
11- 7	5.7	3-28	.0	7-13	10.0		
11-21	.0	4-13	.0	8- 7	5.4		
ECKERT CANAL—A-4281							
Diverted from Pumpkinseed Creek—Sec. 19-19-51 W.							
3-16	0.0	5-17	0.1	7-12	0.0	8-30	0.0
3-29	.0	5-25	.0	7-19	.0	9-12	.0
4- 4	.0	6- 1	.0	7-26	.0	9-19	.0
4-12	.0	6- 8	.0	8- 2	.0	9-26	.0
4-20	.7	6-21	.0	8-10	.0		
5- 3	.3	6-28	.0	8-16	.0		
5-10	.5	7- 5	.0	8-23	.0		
EHRMAN PUMP—A-3859							
Diverted from Pumpkinseed Creek—Sec. 18-19-53 W.							
3-16	0.0	5-17	0.0	7-19	0.0	8-30	0.0
3-29	.0	5-25	.0	7-26	.0	9-19	.0
4- 4	.0	6- 8	.0	8- 2	.0	9-26	.0
4-11	.0	6-14	.0	8-10	.0		
5- 3	.0	6-28	.0	8-16	.0		
5-10	.0	7- 5	.0	8-23	.0		
ELMER CANAL—A-1704							
Diverted from Indian Creek—Sec. 16-32-50 W.							
4-23	0.0						
ENTERPRISE CANAL PUMP—D-461							
Diverted from Niobrara River—Sec. 27-29-50 W.							
9-19	0.0						
EXCELSIOR CANAL—D-568, A-2264							
Diverted from Niobrara River—Sec. 10-28-52 W.							
10-10	0.0	3-13	0.0	6-12	0.0	8- 3	0.0
10-27	.0	4-10	.0	7-10	.0	9-14	.0
FISCHBACH PUMP—A-1778, A-2304							
Diverted from Republican River—Sec. 33-2-19 W.							
8-30	0.0						
FREY PUMP—A-4665							
Diverted from Elm Creek—Sec. 12-1-10 W.							
8-31	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
FRIES PUMP—A-4522							
Diverted from Republican River—Sec. 28-1-38 W.							
7- 3	0.0						
FRYE PUMP—A-3696							
Diverted from Mud Creek—Sec. 2-12-15 W.							
Measurements made at Pump Site							
8- 8	0.0	8- 9	0.7	8- 9	0.6		
FT. ROBINSON CANAL—A-4734							
Diverted from Soldier Creek and Johnson Reservoir							
Sec. 12-31-53 W.							
4-13	0.0	7- 6	0.0				
FULLER PUMP—A-3425							
Diverted from Lodgepole Creek—Sec. 15-14-51 W.							
Measurements made at Pump Site							
4-17	0.0	5-22	0.0	7-10	0.0	8-14	0.0
4-25	.0	5-29	.0	7-24	.0	8-21	.0
5- 1	.0	6- 5	.0	7-31	.0	9-11	.0
5-15	.0	6-19	.0	8- 7	.0	9-18	.0
FURMAN CANAL, NORTH—D-462							
Diverted from Niobrara River—Sec. 29-29-50 W.							
10- 4	0.0	4-11	0.0	6-22	0.0	8- 9	0.0
10-11	.0	4-18	.0	6-26	.0	9-12	.0
10-18	.0	4-27	.0	7- 3	.0	9-19	.0
11-27	.0	6- 8	.0	7-18	.0	9-27	.0
3-14	.0	6-13	.0	7-31	.0		
FURMAN CANAL, SOUTH—D-462							
Diverted from Niobrara River—Sec. 29-29-50 W.							
10- 4	0.0	4-18	0.0	6-26	0.0	9-12	0.0
10-11	.0	4-27	.0	7- 3	.0	9-19	.0
10-18	.0	6- 8	.0	7-18	.0	9-27	.0
11-27	.0	6-13	.0	7-31	.0		
4-11	.0	6-22	.0	8- 9	.0		
GEORGE CANAL—A-3525							
Diverted from Lodgepole Creek—Sec. 7-14-51 W.							
4-17	0.0	7-24	0.0				
GILHAM PUMP—A-4000							
Diverted from Crooked Creek—Sec. 6-1-10 W.							
8-31	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
GUNDERSON CANAL—D-305							
Diverted from Lodgepole Creek—Sec. 1-14-52 W.							
4-17	0.0	5-15	0.0	6- 5	0.0	7-17	0.0
4-25	.0	5-22	.0	7- 2	.0	9-11	.0
5- 1	.0	5-29	.0	7-10	.0	9-18	.0
GUTHRIE CANAL—D-1036							
Diverted from Republican River—Sec. 34-1-7 W.							
7- 6	277.0	8-30	533.0				
HAGEMAN CANAL—A-2046							
Diverted from White River—Sec. 26-33-50 W.							
5-24	1.7	9-20	0.0				
HALL CANAL NO. 2—D-478c							
Diverted from White River—Sec. 34-32-52 W.							
10- 2	0.0	5-11	0.0	7-14	0.0	9-18	0.0
10- 7	.0	5-24	.0	8- 4	.0	9-22	.0
10-14	.0	6- 6	.0	8-11	.0	9-29	.0
10-28	.0	6-19	.0	8-25	.0		
3-26	.0	6-23	.0	8-31	.0		
4-17	.0	7- 7	.0	9- 8	.0		
HARDING PUMP—A-3632							
Diverted from Medicine Creek—Sec. 7-4-25 W.							
9-20	0.0						
HARRIS PUMP—A-4206							
Diverted from Elm Creek—Sec. 2-1-10 W.							
8-31	0.0						
HARRIS PUMP—A-4205							
Diverted from Republican River—Sec. 10-1-10 W.							
8-31	0.0						
HARRIS-COOPER CANAL—D-464b							
Diverted from White River—Sec. 26-32-52 W.							
10- 2	0.0	5-11	0.0	7-14	0.0	9-18	0.0
10- 7	.0	5-24	.0	8- 4	.0	9-22	.0
10-14	.0	6- 6	.0	8-11	.0	9-29	.0
10-28	.0	6-19	.0	8-25	.0		
3-27	.0	6-23	.0	8-31	.0		
4-17	.0	7- 7	.0	9- 8	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
HARRIS-NEECE CANAL—D-517, A-2275							
Diverted from Niobrara River—Sec. 3-28-55 W.							
10-10	0.0	3-13	0.0	7-10	10.6		
10-27	14.1	4-10	11.0	8- 2	10.7		
11-21	.0	6-12	15.1	9-18	.0		
HARRY CANAL—A-2179							
Diverted from Norman Reservoir and Indian Creek Sec. 8-32-50 W.							
10- 6	0.0	4-23	0.0	5-14	3.0		
10-23	.0	5- 1	.0				
HAT CREEK CANAL, WEST—D-553a							
Diverted from Hat Creek—Sec. 16-32-55 W.							
10-17	0.0	4-12	0.0	8-10	0.0		
10-30	.0	6-27	.0				
HAZELTON CANAL—D-475							
Diverted from White Clay Creek—Sec. 13-31-52 W.							
11- 7	0.0	5-11	1.5	8- 6	0.0		
4-17	1.7	7- 6	.0	9-20	.0		
HEARD CANAL NO. 1—D-916							
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.							
3-16	0.0	4- 4	0.0	5-10	0.0		
3-29	.0	4-12	.0				
HEARD CANAL NO. 2—D-916							
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.							
3-16	0.0	4- 4	0.0	5-10	0.0		
3-29	.0	4-12	.0				
HEILMAN PUMP—A-4427							
Diverted from Medicine Creek—Sec. 29-4-25 W.							
9-20	0.0						
HIGH LINE CANAL—A-1682							
Diverted from Jim Creek—Sec. 13-33-57 W.							
10- 5	0.0	4-19	0.0	7-27	0.0		
HITSHEW CANAL—A-1260, A-2509							
Diverted from Niobrara River—Sec. 6-28-52 W.							
10-10	0.0	4-10	0.0	8- 2	0.0		
10-27	2.2	6-12	.0	9-14	.0		
3-13	.0	7-10	.0	9-18	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
HOFFMEISTER RESERVOIR CANAL—A-2575							
Diverted from Hoffmeister Reservoir—Sec. 30-6-38 W.							
Measurement made at Pump Site							
7- 9	1.9						
HOLCOMBE CANAL, EAST—D-636							
Diverted from Pawnee Creek—Sec. 13-13-28 W.							
Measurements made at Rating Flume							
10-22	0.0	7-10	0.0	8-29	0.0		
5- 9	.0	8-15	.0	9-21	.0		
HOLLINGSWORTH CANAL—D-723							
Diverted from South Platte River—Sec. 7-13-38 W.							
Measurements made at Rating Station							
10-11	1.6	4-30	0.0	6-26	0.0	8-16	8.2
10-18	1.1	5- 7	5.6	7- 3	.0	8-23	3.3
10-25	3.0	5-14	13.0	7-10	.0	8-30	1.3
11- 3	11.2	5-28	.0	7-18	4.2	9- 7	.0
4- 9	.0	6- 7	.1	7-25	5.4	9-17	.0
4-17	.0	6-13	.0	8- 2	1.9	9-24	.0
4-23	.0	6-19	.0	8- 7	11.5		
HOOVER CANAL—D-353							
Diverted from Lodgepole Creek—Sec. 12-14-59 W.							
4-16	0.0	6- 4	1.0	7-16	0.0	8-20	0.0
4-30	1.2	6-18	1.4	7-23	.0	8-27	.0
5- 7	1.2	6-26	.7	7-30	.0	9-17	.0
5-14	.8	7- 2	.7	8- 6	.0	9-24	.0
5-28	.9	7- 9	.3	8-13	.0		
HOPEFUL CANAL—A-2135							
Diverted from Lawrence Fork—Sec. 1-18-52 W.							
3-30	0.0						
HORSE CREEK CANAL—D-159, D-173							
Diverted from Horse Creek—Sec. 23-1-39 W.							
10-17	0.0	5- 7	0.0	7- 3	0.0	9-18	0.0
HOWARD--RUTTNER CANAL—D-336, A-1645							
Diverted from Lodgepole Creek—Sec. 31-14-47 W.							
4-18	0.0	6- 7	0.0	7-18	0.0	8-29	0.0
4-27	.0	6-15	.0	7-25	.0	9-27	.0
5- 2	.0	6-20	.0	8- 1	.0		
5- 9	.0	7- 6	.0	8-15	.0		
5-24	.0	7-13	.0	8-24	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
HUGHES CANAL—D-987a, D-987b							
Diverted from Niobrara River—Sec. 1-28-52 W.							
10-10	0.0	3-13	0.0	6-12	0.0	8-2	0.0
10-27	.0	4-10	.0	7-10	.0	9-14	.0
ICKES CANAL—D-329							
Diverted from Lodgepole Creek—Sec. 28-14-50 W.							
4-18	0.0						
INDEPENDENT CANAL—D-343							
Diverted from Lodgepole Creek—Sec. 7-14-58 W.							
4-16	0.0	6-4	2.5	7-16	0.0	8-20	0.0
4-30	.0	6-18	1.1	7-23	.0	8-27	.0
5-7	.0	6-26	1.8	7-30	.0	9-17	.0
5-14	.0	7-2	.1	8-6	.0	9-24	.0
5-28	2.2	7-9	.0	8-13	.0		
INMAN CANAL—D-79, A-436							
Diverted from Frenchman River—Sec. 17-6-40 W.							
Measurements made at Rating Flume							
4-23	0.0	6-26	0.0	8-20	7.1		
5-14	.0	8-6	8.1	9-17	.0		
JAMES CANAL—A-3417							
Diverted from Soldier Creek—Sec. 5-31-53 W.							
10-13	2.6	4-13	0.0	6-11	0.0	8-1	0.0
3-23	.0	5-14	.0	7-6	.0	9-10	.0
JAMES PUMP—A-4732							
Diverted from Soldier Creek—Sec. 5-31-53 W.							
Measurements made at Pump Site							
10-13	0.0	3-23	0.0	7-6	0.0	8-20	0.9
10-17	.3	4-13	.0	7-23	.0	9-10	.0
10-31	1.2	5-14	4.1	8-1	.0		
11-17	.0	6-11	.0	8-8	1.0		
JANSSEN CANAL—A-2231							
Diverted from Pawnee Creek—Sec. 29-13-27 W.							
10-22	0.0	9-17	0.0				
JENKINS CANAL—A-924							
Diverted from Buffalo Creek—Sec. 18-1-40 W.							
10-17	0.0	7-3	0.0	9-18	0.0		
6-5	.0	7-17	.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
JOHNSON CANAL—D-511							
Diverted from Niobrara River—Sec. 36-31-57 W.							
10- 9	0.0	11-30	0.0	6-14	0.0		
11- 7	6.3	3-28	9.1	7-13	.0		
11-21	6.6	4-13	.6	8- 7	.0		
JOHNSON CANAL—A-612							
Diverted from Lodgepole Creek—Sec. 23-13-45 W.							
4-19	0.0	5-23	0.0	6-27	0.0	8-22	0.0
4-27	.0	5-31	.0	7-13	.0	8-31	.0
5- 2	.0	6- 6	.0	7-20	.0	9-14	.0
5- 9	.0	6-15	.0	7-27	.0	9-20	.0
5-18	.0	6-22	.0	8- 3	.0	9-28	.0
JONES CANAL—A-3392							
Diverted from Lodgepole Creek—Sec. 36-14-49 W.							
4-18	0.0	5- 8	0.0	6-20	0.0	8-29	0.0
4-25	.0	6- 5	.0	6-29	.0	9-27	.0
JORDAN, RICHARD CANAL—A-2032							
Diverted from Monroe Creek—Sec. 22-33-56 W.							
10-17	0.0	2-20	0.2	4- 2	1.6	7-27	0.0
10-30	.0	2-27	.6	4-12	1.6	8-10	.0
1-16	.2	3-12	.4	5- 5	.7	8-23	.0
2- 8	.3	3-16	1.5	6- 7	.0	9-25	.0
2-15	.4	3-22	1.4	6-15	.0		
JORDAN CANAL—A-841							
Diverted from Monroe Creek and Jordan Reservoir—Sec. 13-33-56 W.							
10-17	0.0	4-19	0.0	6-15	0.0	8-23	0.0
10-30	.0	5- 4	.0	6-27	2.0	8-25	.0
2-27	.1	5- 5	.0	7- 5	5.5	9-25	.0
3-22	.0	5-25	.0	7-27	.0		
4-12	.0	6- 7	.0	8-10	.0		
JUNGLES PUMP—A-3229							
Diverted from Mud Creek—Sec. 12-12-15 W.							
Measurement made at Pump Site							
8- 8	1.6						
KELLY CANAL—D-915							
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.							
3-29	0.0	4-12	0.0	5- 3	0.0		
4- 4	.0	4-20	.0	5-10	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
KENT-BURKE CANAL, WEST—A-1694							
Diverted from Pawnee Creek—Sec. 18-13-27 W.							
Measurements made at Rating Flume							
10-22	0.0	7-10	0.0	8-29	0.0		
5- 9	.0	8-15	.0	9-21	.0		
KILPATRICK (OASIS) CANAL, NORTH—D-567 and A-1159							
Diverted from Snake Creek, and Kilpatrick Reservoir							
Sec. 6-24-51 W.							
10-25	3.2	1-19	0.0	4-11	0.1	7-11	0.0
11-22	2.4	2-16	.0	5-16	1.5	8- 9	.0
12-20	.0	3-14	.0	6-13	4.3	9-13	4.1
KILPATRICK (OASIS) CANAL, SOUTH—D-567 and A-1159							
Diverted from Snake Creek, and Kilpatrick Reservoir							
Sec. 6-24-51 W.							
10-25	4.4	1-19	0.1	4-11	1.8	7-11	0.0
11-22	.8	2-16	.1	5-16	2.5	8- 9	.0
12-20	.9	3-14	.1	6-13	.0	9-13	3.7
KILPATRICK RESERVOIR CANAL—A-1160							
Diverted from Frenchman River—Sec. 30-6-39 W.							
8- 6	6.8						
KING CANAL, WEST—A-1440							
Diverted from Lawrence Fork—Sec. 15-18-52 W.							
4-13	0.0						
KING CANAL, EAST—A-1587							
Diverted from Lawrence Fork—Sec. 15-18-52 W.							
4-13	0.0						
KITE CANAL—A-1375, A-1469, A-1470							
Diverted from Monroe Creek and Jordan Reservoir							
Sec. 13-33-56 W.							
10-17	0.0	4-19	0.0	6-12	2.7	8-23	0.0
10-30	.0	5- 4	.0	6-27	.0	8-25	.0
2-27	.0	5- 5	.0	7- 3	.0	9-25	.0
3-22	.0	5-25	.0	7-27	.0		
4-12	.0	6- 7	1.9	8-10	.0		
KRICHAU PUMP—A-3552							
Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W.							
Measurement made at Pump Site							
8- 8	1.6						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
KROTTER POWER PLANT—A-1021							
Diverted from Frenchman River—Sec. 35-5-34 W.							
4-24	0.0	5- 9	19.9	8-21	0.0	8-28	13.5
KRUEGER CANAL—D-968							
Diverted from Lodgepole Creek—Sec. 29-14-48 W.							
4-18	0.0	6-29	0.0	7- 3	0.0		
KRUEGER CANAL NO. 1—D-325							
Diverted from Lodgepole Creek—Sec. 29-14-48 W.							
10- 9	1.6	3-21	2.9	5-31	0.1	8-29	0.0
10-17	3.3	3-28	4.1	6- 7	.3	9-14	.0
10-24	4.0	4- 3	4.4	6-20	.2	9-27	.1
10-30	3.2	4-10	3.2	6-27	.0		
11- 7	2.4	4-18	.1	7- 6	.0		
11-15	2.1	4-27	.1	7-18	.1		
11-21	2.0	5- 2	.1	7-25	.0		
11-28	.1	5- 8	.1	8- 1	.0		
1-23	1.9	5-18	.1	8-15	.1		
3- 7	3.3	5-24	.1	8-24	.1		
KRUEGER CANAL NO. 2—D-324							
Diverted from Lodgepole Creek—Sec. 32-14-48 W.							
4-18	3.2	5-24	4.5	7- 6	0.0	8-24	0.0
4-27	4.0	5-31	4.0	7-18	.0	8-29	.0
5- 2	6.8	6- 7	3.6	7-25	.0	9-14	.0
5- 8	5.8	6-20	.1	8- 1	.0	9-27	.0
5-18	6.8	6-27	.0	8-15	1.1		
KRUEGER CANAL NO. 3—D-323							
Diverted from Lodgepole Creek—Sec. 32-14-48 W.							
4-18	0.0	5-24	0.7	7- 6	0.0	8-24	0.0
4-27	.0	5-31	.6	7-18	.0	8-29	.0
5- 2	.0	6- 7	.5	7-25	.0	9-14	.0
5- 8	.1	6-20	4.9	8- 1	.0	9-27	.0
5-18	2.1	6-27	.0	8-15	.1		
LABELLE CANAL—D-518, A-60							
Diverted from Niobrara River—Sec. 6-28-54 W.							
10-10	13.1	3-13	0.0	7-10	0.0		
10-27	5.7	4-10	6.0	8- 2	.0		
11-21	.0	6-12	.0	9-18	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LAING CANAL—D-825							
Diverted from Lawrence Fork—Sec. 28-18-52 W.							
3-30	0.8	5-19	1.0	7-7	0.0	8-25	0.0
4-5	.9	5-26	.7	7-14	.0	9-15	.0
4-13	.6	6-2	.8	7-21	.0	9-22	.0
4-28	.5	6-9	.5	7-28	.0	9-29	.0
5-4	.7	6-16	1.0	8-4	.0		
5-11	.8	6-30	.0	8-18	.0		
LAKOTAH CANAL—D-554							
Diverted from Niobrara River—Sec. 1-30-57 W.							
10-9	0.0	11-30	0.0	6-14	11.8		
11-7	.0	3-28	.0	7-13	7.7		
11-21	.0	4-13	9.2	8-7	4.3		
LARSON, L. M. PUMP—A-3750							
Diverted from Mud (Beaver) Creek—Sec. 33-13-15 W.							
Measurement made at Pump Site							
8-8	0.0						
LARSON PUMP—A-1898							
Diverted from Muddy Creek—Sec. 17-4-23 W.							
Measurement made at Pump Site							
8-8	2.3						
LAUGHRAN-BELL CANAL—D-217							
Diverted from Victoria Creek—Sec. 3-19-21 W.							
6-27	0.0	8-22	0.0				
LIBBY CANAL—D-312							
Diverted from Lodgepole Creek—Sec. 36-41-47 W.							
4-19	0.5	5-23	0.1	7-25	0.1	9-20	0.0
4-27	.1	6-6	.0	8-1	.0	9-28	.0
5-2	.1	6-15	.1	8-15	.1		
5-9	.1	7-13	.1	8-22	.0		
5-18	.1	7-18	.0	8-31	.0		
LIBBY CANAL—D-314							
Diverted from Lodgepole Creek—Sec. 36-14-47 W.							
4-19	0.1	5-23	0.1	7-25	0.1	9-20	0.0
4-27	.4	6-6	.0	8-1	.1	9-28	.0
5-2	.4	6-15	.1	8-15	.1		
5-9	.1	7-13	.0	8-22	.0		
5-18	.2	7-18	.1	8-31	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LIBBY CANAL—D-315							
Diverted from Lodgepole Creek—Sec. 36-14-47 W.							
4-19	1.0	5-23	1.4	7-25	2.2	9-20	0.1
4-27	.2	6- 6	.5	8- 1	.2	9-28	.1
5- 2	.2	6-15	.7	8-15	2.3		
5- 9	.2	7-13	2.0	8-22	1.3		
5-18	1.2	7-18	.2	8-31	1.5		
LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523, A-2837, A-4758—Diverted from Niobrara River—Sec. 27-29-48 W.							
10- 4	0.0	4-27	8.8	6-13	5.5	7-31	0.0
10-11	.0	5-18	9.2	6-26	.0	8- 3	.0
10-18	.0	5-26	.0	7- 3	6.9	8- 9	.0
11-27	.0	5-31	.0	7-12	3.0	8-15	.0
4-11	9.4	6- 8	4.7	7-18	2.1	9-12	.0
LOGAN CANAL—D-902							
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.							
3-29	5.3	5-17	1.8	7-12	0.0	8-30	0.1
4- 4	2.4	5-25	3.1	7-19	.0	9-12	.0
4-12	2.9	6- 8	.3	7-26	.0	9-19	.0
4-20	5.1	6-14	.5	8- 2	.0	9-26	.0
4-26	.2	6-21	.0	8-10	.0		
5- 3	.1	6-28	.0	8-16	.0		
5-10	.1	7- 5	.0	8-23	.0		
LUNT RESERVOIR—A-2176							
Diverted from Valley Home Creek—Sec. 28-1-6 W.							
8-31	0.0						
LYNGHOLM CANAL—D-337							
Diverted from Lodgepole Creek—Sec. 14-14-51 W.							
4-17	0.0						
McAULIFFE CANAL—D-814							
Diverted from Lodgepole Creek—Sec. 21-13-45 W.							
4-19	0.0	7-20	0.0				
McAULIFFE CANAL—A-1559							
Diverted from Lodgepole Creek—Sec. 21-13-45 W.							
4-19	0.0	7-20	0.0				
McCARTHY CANAL—D-749							
Diverted from White Tail Creek—Sec. 36-15-38 W.							
10-13	0.1	5-11	0.1	7-12	0.1	9-13	0.3
10-20	.3	5-18	.3	7-19	.1	9-20	.2
4-20	.3	6-12	.0	7-26	.0		
4-27	.2	6-21	.0	8- 1	.3		
5- 4	.4	6-28	.0	8-28	1.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
McDONALD CANAL—A-644							
Diverted from South Fork Republican River Sec. 36-1-38 W.							
6-26	0.0						
McFARLAND CANAL—D-960							
Diverted from White Clay Creek—Sec. 35-32-52 W. Measurements made at 2-foot weir							
4-25	1.0	7- 6	0.0				
McGINLEY-STOVER CANAL, NORTH—D-513a							
Diverted from Niobrara River—Sec. 25-29-56 W.							
10-10	0.0	11-21	0.0	11-30	0.0	6-14	0.0
McGINLEY-STOVER CANAL, SOUTH—D-513b							
Diverted from Niobrara River—Sec. 25-29-56 W.							
10-10	0.0	11-21	0.0	11-30	0.0	6-14	0.0
McGRAW CANAL—A-1945, A-2023							
Diverted from Victoria Creek—Sec. 6-19-20 W.							
8-22	0.0						
McHATTON PUMP—A-3560							
Diverted from Lodgepole Creek—Sec. 7-13-45 W.							
4-19	0.0	5- 9	0.0	8-31	0.0		
4-27	.0	5-18	.0	9-14	.0		
5- 2	.0	8-22	.0	9-20	.0		
McKEON, M. F. PUMP—A-3895							
Diverted from Mud Creek—Sec. 3-12-15 W.							
8- 8	0.0						
McLAIN CANAL—D-65							
Diverted from Stinking Water Creek—Sec. 28-7-37 W.							
4-23	0.0						
McLAUGHLIN CANAL—D-566							
Diverted from Niobrara River—Sec. 9-28-52 W.							
10-10	0.0	3-13	0.0	6-12	1.4	8- 2	0.0
10-27	.0	4-10	3.3	7-10	5.7	9-14	.0
McLAUGHLIN CANAL—D-966							
Diverted from Lodgepole Creek—Sec. 25-14-48 W.							
4-18	0.0	6-29	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
McLERNON PUMP—A-2027							
Diverted from Lodgepole Creek—Sec. 31-14-49 W.							
4-18	0.0						
McMILLAN CANAL—A-2477R, A-2797							
Diverted from Middle Loup River—Sec. 23-21-22 W.							
6-27	0.0	8-22	0.0				
MALTESE CROSS CANAL—A-454							
Diverted from Lodgepole Creek—Sec. 36-15-57 W.							
4-16	0.0	6- 4	0.0	7-16	0.0	8-24	0.0
4-30	.0	6-11	.0	7-23	.0	9- 5	.0
5- 7	.0	6-18	.0	7-30	.0	9-10	.0
5-14	.0	6-25	.0	8- 6	.0	9-17	.0
5-21	.0	7- 2	.0	8-13	.0	9-24	.0
5-28	.0	7- 9	.0	8-20	.0		
MARTENS PUMP—A-2801							
Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.							
Measurements made at Pump Site							
10-16	0.0	6-18	0.0				
MEGLEMRE CANAL—A-294, A-853							
Diverted from Greenwood Creek—Sec. 3-18-50 W.							
3-15	0.0	5-11	0.0	7-17	2.6	8-21	2.4
3-26	.0	5-24	.0	7-24	2.8	8-28	2.1
4- 7	.0	6- 7	2.2	8- 1	2.5	9-18	.0
4-14	.0	6-19	2.5	8- 7	2.8	9-25	.0
5- 4	.0	7- 3	.3	8-14	2.7		
METTLEN CANAL—A-292, A-1248							
Diverted from Niobrara River—Sec. 4-28-54 W.							
10-10	2.9	4-10	2.5	7-10	0.0	9-18	0.0
10-27	1.1	5- 6	.0	8- 2	.0		
3-13	.0	6-12	.0	9-14	.0		
MEYER PUMP—A-3240							
Diverted from Republican River—Sec. 34-1-7 W.							
7- 6	0.0	8-30	0.0				
MICHEL PUMP—A-2042							
Diverted from Muddy Creek—Sec. 15-4-23 W.							
9-14	0.0						
MITCHELL CANAL—D-304, A-3526							
Diverted from Lodgepole Creek—Sec. 8-14-51 W.							
4-17	0.0	7-24	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
MONROE CANAL, BIG—D-506							
Diverted from Monroe Creek—Sec. 33-33-56 W.							
10-17	0.9	2-15	1.3	4-12	0.0	7-27	0.0
10-30	.0	2-20	1.4	4-19	.0	8-10	.0
11-15	.0	2-26	1.6	5- 4	1.4	8-23	.0
1-16	1.3	3-12	2.0	5- 5	1.3	9-25	.0
1-25	.7	3-16	.0	5- 8	1.4		
1-30	2.1	3-22	.0	6- 7	1.2		
2- 8	1.6	4- 2	.0	6-15	2.6		
MONROE CANAL, BIG—A-2372							
Diverted from Monroe Creek—Sec. 33-33-56 W.							
1-16	0.0	2-20	0.1	9-25	0.9		
MONTAGUE CANAL—A-575							
Diverted from Niobrara River—Sec. 27-29-48 W.							
10- 4	0.0	4-27	0.0	6-26	0.0	8- 9	0.0
10-11	.0	5-26	.0	7-12	.0	8-15	.0
10-18	.0	5-31	2.1	7-18	.0	9-12	.0
11-27	.0	6- 8	.5	7-31	.0		
4-11	.0	6-13	.9	8- 3	.0		
MONTAGUE CANAL PUMP—A-2266							
Diverted from Niobrara River—Sec. 28-29-48 W.							
6- 8	0.0	6-26	0.0	7-18	0.0		
6-12	.0	7-12	.0				
MOORE CANAL—A-88							
Diverted from Niobrara River—Sec. 9-28-53 W.							
10-10	0.0	3-13	0.0	6-12	5.1	8- 2	0.0
10-27	.0	4-10	.0	7-10	6.2		
MARANVILLE CANAL—D-70, D-71							
Diverted from Frenchman River—Sec. 12-6-41 W.							
4-23	0.0	6-26	0.0	8-20	0.0	9-17	0.0
5-14	.0	8- 6	5.6	8-24	4.8		
MORTENSEN PUMP—A-3119							
Diverted from Mud (Beaver) Creek—Sec. 34-13-15 W.							
8- 8	0.0						
MOUSEL, HAROLD CANAL—A-4600							
Diverted from Medicine Creek—Sec. 17-4-25 W.							
9-20	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
MOUSEL, GEORGE A. CANAL—A-3608							
Diverted from Medicine Creek—Sec. 1-4-26 W.							
9-20	0.0						
MOUSEL, GEORGE A. CANAL—A-3604							
Diverted from Medicine Creek—Sec. 31-5-25 W.							
9-20	0.0						
MOZETER CANAL—D-1014							
Diverted from Spring Creek—Sec. 13-32-52 W.							
10- 6	0.0	4- 9	0.0				
MULBACH PUMP—A-3407							
Diverted from Mud (Beaver) Creek—Sec. 12-12-15 W.							
8- 8	0.0						
MUTUAL CANAL—D-843							
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.							
3-16	2.9	5-17	6.3	7- 5	8.2	8-23	3.6
3-29	.0	5-25	1.0	7-12	7.3	8-30	3.6
4- 4	.0	6- 1	4.4	7-19	4.6	9-12	.1
4-12	5.3	6- 8	.6	7-26	.1	9-19	.1
4-20	7.0	6-14	.0	8- 2	.7	9-26	.1
5- 3	5.7	6-21	6.3	8-10	.1		
5-10	1.1	6-28	.1	8-16	3.9		
NASLUND CANAL—A-661							
Diverted from Lodgepole Creek—Sec. 1-12-45 W.							
4-19	2.0	5-31	0.0	7-20	0.0	9-14	0.0
4-27	3.2	6- 6	.0	7-27	.0	9-20	.0
5- 2	.0	6-15	.0	8- 3	.0	9-28	.0
5- 9	.0	6-22	.4	8-17	.0		
5-18	.2	6-27	.0	8-22	.0		
5-23	.2	7-13	.0	8-31	.0		
NELSON CANAL—D-845							
Diverted from Greenwood Creek—Sec. 33-18-50 W.							
3-15	0.0	5-11	0.0	7-17	4.0	8-21	4.2
3-26	.0	5-24	4.8	7-24	4.3	8-28	3.8
4- 7	.0	6- 7	4.6	8- 1	3.8	9-11	.0
4-14	.0	6-19	3.1	8- 7	3.6	9-18	.0
5- 4	.0	7- 3	.0	8-14	4.0	9-25	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
NEUMAN CANAL—A-611, A-1445							
Diverted from Lodgepole Creek—Sec. 26-13-45 W.							
4-19	1.8	5-31	0.0	7-20	0.0	9-14	0.0
4-27	.1	6- 6	.0	7-27	.0	9-20	.0
5- 2	.0	6-15	.0	8- 3	.0	9-28	.0
5- 9	.0	6-22	.0	8-17	.5		
5-18	.0	6-27	.0	8-22	.1		
5-23	.0	7-13	.0	8-31	.0		
NEUMAN CANALS NO. 1 and 2—A-565							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
4-19	0.0	7-27	8.2	8-22	0.0	9-20	13.1
6-22	1.5	8- 3	1.0	8-31	.0		
7-20	8.1	8-17	.0	9-14	19.7		
NEWTON CANAL—A-2263, A-2863, A-2927							
Diverted from North Loup River—Sec. 35-23-21 W.							
9- 4	0.0						
NICHOLS PUMP—A-4435, A-4521							
Diverted from Muddy Creek—Sec. 21-3-36 W.							
6-28	0.0						
NIEHUS CANAL—A-550							
Diverted from Lawrence Fork—Sec. 11-18-52 W.							
3-30	1.2	5-19	1.3	7- 7	0.0	8-25	0.7
4- 5	1.1	5-26	.5	7-14	.0	9-15	.0
4-13	1.2	6- 2	.6	7-21	.5	9-22	.0
4-28	1.5	6- 9	.8	7-28	.8	9-29	.0
5- 4	1.7	6-16	.0	8- 4	.8		
5-11	1.2	6-30	.0	8-18	.8		
NORMAN SUPPLY CANAL—A-1953							
Diverted from Indian Creek—Sec. 28-32-50 W.							
10- 6	1.1	2-19	2.1	5- 1	0.0	6-25	0.0
10-26	1.3	3- 9	2.8	5-14	.0	7-23	.0
11- 3	1.3	3-27	1.9	5-25	.0	8-14	.0
12- 1	2.5	4-17	.0	6- 4	.0		
NORRIS CANAL—A-2253							
Diverted from Bull Drain—Sec. 29-13-28 W.							
10-22	0.0	9- 1	0.0				
NORTH PLATTE CANAL SPILL							
East Line of SE¼ of Sec. 25-14-31 W.							
10- 9	12.1	10-16	4.8	10-23	2.2	10-30	6.8

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
NUNN CANAL—D-884R							
Diverted from Pumpkinseed Creek—Sec. 27-19-51 W.							
4- 4	0.0	5-10	0.0				
OBERFELDER CANAL—D-306							
Diverted from Lodgepole Creek—Sec. 31-14-46 W.							
4-19	0.0	8- 3	0.0	8-15	0.0	9-20	0.0
7-20	.0						
OBERFELDER CANAL—D-307							
Diverted from Springs—Sec. 31-14-46 W.							
4-19	0.0	7-20	0.0	8- 3	0.0	8-15	0.0
OBERFELDER CANAL—D-333							
Diverted from Lodgepole Creek—Sec. 31-14-46 W.							
4-19	1.8	5-23	0.0	7-25	1.8	8-22	0.1
4-27	3.6	6- 6	.0	8-15	.1	8-31	.0
5- 2	.9	6-15	.0				
5- 9	.3	7-20	.5				
O'DONNELL CANAL—A-432, A-2036							
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.							
10-16	0.0	4- 9	0.0	4-18	0.0		
OWASCO CANAL—D-347R, A-725							
Diverted from Lodgepole Creek—Sec. 29-15-55 W.							
Measurements made at Rating Flume							
10- 3	0.0	5-29	0.0	7-16	3.6	9- 5	2.3
4-17	.0	6- 4	.0	7-23	.8	9-11	1.8
4-24	.0	6-12	1.8	7-31	1.2	9-17	2.3
4-30	.0	6-19	6.9	8- 7	1.5	9-25	1.7
5- 7	.0	6-26	1.2	8-14	3.5		
5-15	.0	7- 3	1.3	8-21	7.6		
5-22	.0	7- 9	4.7	8-28	7.9		
OX YOKE CANAL—D-477R							
Diverted from East Ash Creek—Sec. 29-32-50 W.							
5- 1	0.0	5-25	0.0	6-25	0.0	8-14	0.0
5-14	.0	6- 4	3.9	7-23	.0		
PANTENBURG CANAL—A-2113							
Diverted from Lodgepole Creek—Sec. 34-14-48 W.							
4-18	0.0	6-29	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
PARKS CANAL—A-1202, A-1444, A-1555							
Diverted from Republican River—Sec. 20-1-39 W.							
10-17	0.0	5- 7	0.0	7-17	0.0	9-18	0.0
11- 8	1.4	6- 5	10.8	8- 7	.0		
4-12	.0	7- 3	.0	9- 4	.0		
PATTON PUMP—A-2042							
Diverted from Muddy Creek—Sec. 15-4-23 W.							
5- 4	0.0						
PERRY PUMP—A-2620							
Diverted from Mud (Beaver) Creek—Sec. 3-12-15 W.							
8- 8	1.8						
PERSINGER CANAL—D-297							
Diverted from Lodgepole Creek—Sec. 33-14-46 W.							
4-19	0.1	5-23	0.3	7-20	0.4	9-14	0.5
4-27	.9	5-31	.0	8- 3	.3	9-20	.4
5- 2	2.3	6- 6	.0	8-17	.2	9-28	.1
5- 9	.1	6-15	.1	8-22	.1		
5-18	1.5	7-13	.5	8-31	.3		
PETERS CANAL—D-913							
Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.							
3-29	0.0	5-17	0.0	7-12	0.0	8-30	0.6
4- 4	.0	5-25	.0	7-19	.0	9-12	.4
4-12	.0	6- 8	.0	7-26	.5	9-19	.3
4-20	.0	6-14	.0	8- 2	.7	9-26	.1
4-26	.0	6-21	.0	8-10	.5		
5- 3	.0	6-28	.0	8-16	.5		
5-10	.0	7- 5	.0	8-23	.6		
PETERSON CANAL—A-2006							
Diverted from Lodgepole Creek—Sec. 26-13-45 W.							
4-19	0.0	8-17	0.0				
PHELAN CANAL—D-138							
Diverted from Rock Creek—Sec. 17-1-39 W.							
10-17	0.3	6- 5	0.1	7-17	0.0		
PIONEER CANAL—D-442a							
Diverted from Niobrara River—Sec. 36-29-51 W.							
10- 4	0.0	4-18	8.1	6-26	0.0	8-22	0.0
10-11	.0	4-27	11.6	7- 5	11.5	8-27	.0
10-18	.0	5-31	17.9	7-18	8.5	9-12	.0
11-27	.0	6- 8	.0	7-31	.0	9-19	.0
3-14	.0	6-13	.0	8- 4	.0	9-26	.0
4-11	.0	6-22	10.3	8-15	.0	9-27	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
PIONEER CANAL NO. 2—A-3812							
Diverted from Niobrara River—Sec. 36-29-51 W.							
10- 4	0.0	4-18	0.0	6-22	0.0	8-22	0.0
10-11	.0	4-27	.0	7-31	.0	9-19	.0
11-27	.0	6- 8	.0	8- 9	.0	9-28	.0
4-11	.0	6-13	.0	8-15	.0		
PIONEER CANAL NO. 3—A-4599							
Diverted from Niobrara River—Sec. 30-29-50 W.							
9-26	0.0						
POTMESIL CANAL—A-2566							
Diverted from Niobrara River—Sec. 26-29-48 W.							
10- 4	9.2	5-31	13.3	7-12	7.4	8-15	0.0
10-11	9.2	6- 8	.0	7-18	.0	9-12	.0
10-18	.0	6-13	.0	7-31	.0		
11-27	.0	6-26	.0	8- 3	.0		
4-11	.0	7- 3	6.1	8- 9	.0		
PREMIER CANAL—D-340							
Diverted from Lodgepole Creek—Sec. 3-14-58 W.							
4-16	0.0	5-14	0.0	8-13	0.0		
4-30	.0	5-28	.0	8-27	.0		
5- 7	.0	6-18	.0	9-24	.0		
QUEST CANAL—A-2143							
Diverted from South Loup River—Sec. 33-13-12 W.							
8-16	0.0						
QUICK PUMP—A-3082							
Diverted from Red Willow Creek—Sec. 31-5-29 W.							
8-24	0.0						
QUINN CANAL—A-1561							
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.							
3-16	0.0	5-17	2.3	7-12	0.0	8-30	0.0
3-29	.0	5-25	1.1	7-19	.0	9-12	.0
4- 4	.6	6- 1	.0	7-26	.0	9-19	.0
4-12	.7	6- 8	.0	8- 2	.0	9-26	.0
4-20	.6	6-21	.0	8-10	.0		
5- 3	.6	6-28	.0	8-16	.0		
5-10	1.0	7- 5	.0	8-23	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
RALTON PUMP—A-847							
Diverted from Lodgepole Creek—Sec. 12-12-45 W.							
Measurements made at Pump Site							
4-19	0.0	5-31	0.0	7-13	0.0	8-22	1.6
5- 2	1.6	6- 6	.0	7-20	.0	8-31	.0
5- 9	.0	6-15	.0	7-27	.0	9-14	.0
5-18	.0	6-22	.0	8- 3	.0	9-20	.0
5-23	.0	6-27	.0	8-17	1.7	9-28	.0
RANDALL CANAL—A-1100							
Diverted from Lawrence Fork—Sec. 21-18-52 W.							
3-30	5.3	5-19	5.8	6-30	0.0	8-18	0.0
4- 4	5.5	5-26	5.5	7- 7	.0	8-25	.0
4-13	5.6	6- 2	5.5	7-14	.0	9-15	.0
4-28	.0	6- 9	5.2	7-21	.0	9-22	.0
5- 4	.0	6-15	.0	7-28	.0	9-29	.0
5-11	5.4	6-16	5.2	8- 4	.0		
RASHER CANAL—D-467, A-456, A-534							
Diverted from White River—Sec. 19-32-51 W.							
3-27	0.0	4-17	0.0	5-11	0.0	5-24	0.0
RASHER-FORBES CANAL—A-1128							
Diverted from White River—Sec. 19-32-51 W.							
5-24	0.0						
RASSER CANAL—A-2357, A-2917							
Diverted from Elm Creek—Sec. 3-1-10 W.							
8-31	0.0						
RATH PUMP—A-4659							
Diverted from Muddy Creek—Sec. 5-2-35 W.							
6-28	0.0						
REINERTSON, RICHARD A. PUMP—A-3743							
Diverted from Mud (Beaver) Creek—Sec. 4-12-15 W.							
Measurement made at Pump Site							
8- 8	0.0						
REISHER PUMP—A-3221							
Diverted from Republican River—Sec. 30-1-38 W.							
6- 5	0.0	7- 3	0.0	8- 7	1.9		
RICHARDSON PUMP—A-4635							
Diverted from Medicine Creek—Sec. 18-4-25 W.							
9-20	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
RIVERSIDE CANAL—D-18, A-1674							
Diverted from Frenchman River—Sec. 33-4-32 W.							
10-17	12.8	5- 3	9.5	7-17	7.9	9-11	0.0
4-25	10.8	7-10	2.2	8-21	6.2		
ROBINSON AND WILKE PUMP—A-2464							
Diverted from Mud (Beaver) Creek—Sec. 4-12-15 W.							
8- 8	0.0						
ROBINSON, CATHERINE PUMP—A-3389							
Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.							
8- 8	0.0						
RODGERS CANAL—A-3777, A-3863							
Diverted from Pumpkinseed Creek—Sec. 9-19-54 W.							
3-16	0.0	5-17	3.2	7-12	1.2	8-30	0.3
3-29	.0	5-25	1.6	7-19	.0	9-12	.1
4- 4	.0	6- 8	2.7	7-26	.3	9-19	.0
4-12	2.3	6-14	.5	8- 2	.4	9-26	.1
4-20	5.5	6-21	.4	8-10	.4		
5- 3	4.1	6-28	.0	8-16	.4		
5-10	4.4	7- 5	.1	8-23	.3		
ROUND HOUSE ROCK CANAL—D-884							
Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.							
4- 4	0.0	5-10	0.0				
RUGGLES PUMP—A-1964							
Diverted from Red Willow Creek—Sec. 36-3-28 W.							
8-14	2.8	8-24	0.0				
RUNGE PUMP—A-3191, A-3363							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
Measurements made at Pump Site							
4-17	0.0	5-29	0.0	7-10	0.0	8-21	0.0
4-25	.0	6- 5	.0	7-17	2.0	8-28	.0
5- 1	.0	6-12	.0	7-24	.0	9-11	.0
5- 8	.0	6-19	.0	7-31	1.8	9-18	.0
5-15	.0	6-26	.0	8- 7	2.2	9-25	.0
5-22	.0	7- 3	.0	8-14	.0		
RUNGE CANAL NO. 1—D-339							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
3- 7	1.3	5- 1	1.5	6-19	1.3	8- 7	0.0
3-12	1.2	5- 8	.9	6-26	.1	8-14	.0
3-19	1.4	5-15	.7	7- 3	.0	8-21	2.1
3-28	1.9	5-22	.1	7-10	.1	8-28	.0
4- 3	1.8	5-29	.1	7-17	.0	9-11	.0
4-17	1.8	6- 5	2.3	7-24	.0	9-18	.0
4-25	1.3	6-12	2.0	7-31	.0	9-25	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
RUNGE CANAL NO. 2—D-338							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
4-17	0.0						
RUSSELL CANAL—A-3477							
Diverted from Blackwood Creek—Sec. 6-4-31 W.							
4-25	0.0						
RUTTNER CANAL—A-906							
Diverted from Lodgepole Creek—Sec. 30-14-47 W.							
4-18	0.0	6-7	0.1	7-18	0.0	8-29	0.1
4-27	.0	6-15	.0	7-25	.0	9-27	.1
5-2	2.3	6-20	.0	8-1	.0		
5-9	3.4	7-6	.0	8-15	.0		
5-24	.1	7-13	.0	8-24	.1		
SCHILT-MONROE CANAL—D-509							
Diverted from Monroe Creek—Sec. 27-33-56 W.							
2-15	0.0	3-22	0.0	6-7	1.0	8-10	0.0
2-26	.0	4-19	.0	6-15	1.1	8-23	.0
3-16	.0	5-8	.0	7-27	.0	9-25	.0
SCHMITZ PUMP—A-1287							
Diverted from Driftwood Creek—Sec. 12-2-30 W.							
Measurement made at Pump Site							
8-28	0.0						
SCHNELL CANAL—A-3588							
Diverted from Pumpkinseed Creek—Sec. 1-19-56 W.							
3-29	0.0	5-17	0.0	7-12	0.0	8-30	1.0
4-4	.0	5-25	.0	7-19	.0	9-12	.0
4-12	.0	6-8	.1	7-28	.6	9-19	.0
4-20	.0	6-14	.0	8-2	.6	9-26	.0
4-26	.0	6-21	.0	8-10	.6		
5-3	.0	6-28	.0	8-16	.6		
5-10	.0	7-5	.0	8-23	.8		
SCHULZ PUMP—A-3205							
Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W.							
Measurement made at Pump Site							
8-8	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SCOTT CANAL—A-711							
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.							
3-29	0.0	5-17	0.0	7-12	2.6	8-30	1.6
4- 4	3.0	5-25	.3	7-19	1.8	9-12	.0
4-12	2.9	6- 8	.3	7-26	.4	9-19	.0
4-20	.3	6-14	.3	8- 2	.3	9-26	.0
4-26	.3	6-21	3.0	8-10	1.0		
5- 3	.2	6-28	.0	8-16	.7		
5-10	.1	7- 5	.0	8-23	.6		
SCRIPTER CANAL—A-2288							
Diverted from Clear Creek—Sec. 32-16-41 W.							
5- 9	0.0	7-18	2.2	8-27	0.0		
5-28	.0	8- 9	.5	9-17	.0		
SEVERNS CANAL—A-1856							
Diverted from Frenchman River—Sec. 9-4-33 W.							
8-28	0.0						
SHELDON CANAL—A-493							
Diverted from East Ash Creek—Sec. 30-32-50 W.							
5-25	1.7	6-25	0.0				
SHEPHERD CANAL—A-1965							
Diverted from Squaw Creek—Sec. 36-34-57 W.							
10-19	0.0	9-17	0.0				
SIMONS CANAL—A-2363							
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.							
10- 6	0.0	11- 3	0.0	6-19	0.0	9- 7	0.0
10-11	.0	4- 9	.0	7-23	.0	9-20	.0
10-23	.0	5-24	.0	8-21	.0		
SKOCHDOPOLE PUMP—A-1871							
Diverted from Mud (Beaver) Creek—Sec. 1-12-15 W.							
Measurement made at Pump Site							
8- 8	0.0						
SLATTERY CANAL—D-543, A-1683							
Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.							
10- 5	0.0	4-19	0.0	7-27	0.0		
SLATTERY CANAL—A-749, A-2021							
Diverted from Dead Horse Creek—Sec. 32-33-49 W.							
10- 6	0.0	11- 3	0.0	4-23	0.0	6-18	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued**Year Ending September 30, 1951**

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SMITH CANAL—A-850							
Diverted from Lodgepole Creek—Sec. 12-12-45 W.							
4-19	0.0	5- 2	0.0				
SMITH-WHEELER CANAL, NORTH—D-842b							
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.							
3-16	0.0	5-17	0.0	7-12	0.0	8-30	0.0
3-29	.0	5-25	.0	7-19	.0	9-12	.0
4- 4	.0	6- 1	.0	7-26	.0	9-19	.0
4-12	.0	6- 8	.0	8- 2	.0	9-26	.0
4-20	.0	6-21	.0	8-10	.0		
5- 3	.0	6-28	.0	8-16	.0		
5-10	.0	7- 5	.0	8-23	.0		
SMITH-WHEELER CANAL, SOUTH—D-842a							
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.							
3-16	0.0	5-17	0.0	7-12	0.0	8-30	0.0
3-29	.0	5-25	.0	7-19	.0	9-12	.0
4- 4	.0	6- 1	.0	7-26	.0	9-19	.0
4-12	.0	6- 8	.0	8- 2	.0	9-26	.0
4-20	.0	6-21	.0	8-10	.0		
5- 3	.0	6-28	.0	8-16	.0		
5-10	.0	7- 5	.0	8-23	.0		
SNOW CANAL—D-485							
Diverted from Niobrara River—Sec. 35-29-51							
10- 4	0.0	4-29	0.0	7-18	0.0	9-12	0.0
10-11	.0	6- 8	.0	7-31	.0	9-19	.0
11-27	.0	6-13	.0	8- 9	.0		
4-11	.0	6-22	.0	8-15	.0		
4-18	.0	6-26	.0	8-22	.0		
SODERQUIST CANAL—A-1237							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
4-19	0.0	6- 6	0.0				
SODERQUIST CANAL—A-1420							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
4-19	0.0	6-22	0.0				
SOW BELLY CANAL, OLD—D-533							
Diverted from Sow Belly Creek—Sec. 7-32-55 W.							
10-19	1.0	4-12	0.8	6-15	0.0	7- 5	0.0
10-30	1.1						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SOW BELLY SUPPLY CANAL, OLD—A-2306							
Diverted from Sow Belly Creek—Sec. 5-32-55 W.							
10-30	0.0	4-12	0.0				
SPRING BRANCH CANAL—D-862, D-893, A-669							
Diverted from Lawrence Fork—Sec. 11-18-52 W.							
3-30	2.9	5-19	5.7	7-7	5.8	8-25	4.2
4-5	3.9	5-26	4.7	7-14	7.4	9-15	.0
4-13	3.9	6-2	4.4	7-21	7.1	9-22	5.0
4-28	6.6	6-9	3.8	7-28	5.4	9-29	4.9
5-4	5.9	6-16	1.4	8-4	5.3		
5-11	3.5	6-30	1.3	8-18	4.0		
SQUAW CREEK CANAL—D-446							
Diverted from Spring Creek—Sec. 13-32-52 W.							
3-23	0.0	5-11	1.5	7-6	0.0		
STUHT PUMP—A-1659							
Diverted from Lodgepole Creek—Sec. 32-14-49 W.							
4-18	0.0						
STANSBIE PUMP—A-3679							
Diverted from Muddy Creek—Sec. 16-4-23 W.							
5-4	0.0						
STUART BROTHERS CANAL, NORTH—A-8							
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.							
10-13	0.0	3-6	0.0	5-12	0.0	9-7	0.0
10-31	.0	4-7	1.6	7-2	.0	9-17	.0
11-17	.0	4-20	.0	8-8	.0		
2-23	1.8	4-28	.0	8-21	.0		
STUART BROTHERS CANAL, SOUTH—A-8							
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.							
10-13	0.0	4-7	0.0	5-12	1.3	8-21	0.0
10-31	.0	4-20	1.7	7-2	.0	9-7	.0
11-17	.0	4-28	3.4	8-8	.0	9-17	.0
STUMPH CANAL—D-447R, D-1023½							
Diverted from East Ash Creek—Sec. 29 and 32-32-50 W.							
5-1	0.0	5-14	0.0	8-14	0.0		
SUDMAN CANAL—A-1483							
Diverted from Lodgepole Creek—Sec. 22-13-45 W.							
4-19	0.0	7-20	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SUPERIOR CANAL—A-4221							
Diverted from Republican River—Sec. 7-1-9 W.							
7- 6	0.0	8-22	17.4	8-24	14.6		
8-17	34.0	8-22	32.2	8-24	5.5		
SUTTON PUMP—A-1791							
Diverted from Indian Creek—Sec. 21-2-11 W.							
8-31	0.0						
SYLVAN DELL PUMP—A-1340							
Diverted from Driftwood Creek—Sec. 1-2-30 W. Measurement made at Pump Site							
8-28	0.0						
THORSTENSEN PUMP—A-2569							
Diverted from Lodgepole Creek—Sec. 7-14-51 W. Measurements made at Pump Site							
4-17	0.0	5- 1	0.0	5-29	0.0		
4-25	.0	5-15	.0	7-17	.0		
TOBIN CANAL—D-330							
Diverted from Lodgepole Creek—Sec. 28-14-47 W.							
4-19	0.0	6- 7	0.0	7-18	0.0	8-24	0.0
5- 2	.0	6-15	.0	7-25	.0	8-29	.0
5- 9	.0	6-20	.0	8- 1	.0	9-20	.0
5-23	.0	7- 6	.0	8-15	.0	9-28	.0
TOWNE PUMP—A-3088, A-3197							
Diverted from Medicine Creek—Sec. 26-8-29 W.							
9-20	0.0						
TRACY CANAL—A-870							
Diverted from Lodgepole Creek—Sec. 12-14-59 W.							
4-16	0.0	5-28	1.0	7- 2	0.8	8-20	0.0
4-24	1.8	6- 4	1.5	7- 9	.1	8-27	.0
4-30	1.3	6-11	1.4	7-16	.1	9-10	.0
5- 7	1.1	6-18	1.6	7-30	.0	9-17	.0
5-14	.8	6-26	5.1	8- 6	.0	9-24	.0
5-21	1.4	6-28	.0	8-13	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
TRAILS END CANAL—A-3453							
Diverted from Pumpkinseed Creek—Sec. 30-19-52 W.							
3-16	3.9	5-10	0.0	6-28	0.0	8-16	0.0
3-29	.0	5-17	.0	7- 5	.0	8-23	.0
4- 4	5.3	5-25	.0	7-12	.0	8-30	.0
4-12	.2	6- 1	.0	7-19	.0	9-12	.0
4-20	.1	6- 8	.0	7-26	.0	9-19	.0
4-26	.0	6-14	.0	8- 2	.0	9-26	.0
5- 3	.0	6-21	.0	8-10	.0		
TRAILS END CANAL PUMP—A-3453							
Diverted from Pumpkinseed Creeek—Sec. 29-19-52 W.							
4-12	0.0	6- 1	0.0	7-12	0.0	8-23	0.0
4-20	.0	6- 8	.0	7-19	.0	8-30	.0
5- 3	.0	6-12	.0	7-26	.0	9-12	.0
5-10	.0	6-21	.0	8- 2	.0	9-19	.0
5-17	.0	6-28	.0	8-10	.0	9-26	.0
5-25	.0	7- 5	.0	8-16	.0		
TRINNIER CANAL—D-849, A-1551							
Diverted from Greenwood Creek—Sec. 28-18-50 W.							
3-15	0.0	5-11	9.2	7-17	5.3	8-21	5.0
3-26	.0	5-24	4.1	7-24	5.2	8-28	5.0
4- 7	.0	6- 7	5.4	8- 1	3.7	9-11	.0
4-14	.0	6-19	7.2	8- 7	4.3	9-18	.0
5- 4	.0	7- 3	.1	8-14	4.5	9-25	.0
TRI-STATE CANAL—D-918, ALLIANCE DRAIN							
Sec. 18-22-53 W.							
5- 8	0.0	6-11	1.8	7-30	21.6	9-10	0.0
5-14	4.7	6-18	2.5	8- 6	22.0	9-17	8.2
5-21	6.1	7- 9	10.0	8-13	21.2	9-24	15.0
5-28	5.6	7-16	10.8	8-20	16.5		
6- 4	2.1	7-23	16.6	8-27	22.6		
TROGNITZ CANAL—D-365							
Diverted from Lodgepole Creek—Sec. 36-14-50 W.							
4-18	0.2	5-22	0.7	7-10	1.0	8-29	1.1
4-25	.3	5-29	.4	7-18	.5	9-18	.8
5- 1	.3	6- 5	.1	7-31	.5	9-25	.7
5- 8	.7	6-20	.1	8-14	.4		
5-15	.4	7- 6	1.0	8-21	.5		
TUPPER PUMP—A-1792							
Diverted from Indian Creek—Sec. 20-2-11 W.							
8-31	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
TURNER CANAL, SOUTH—D-537							
10-19	0.0	Diverted from Antelope Creek—Sec. 26-34-57 W.					
TURNER RESERVOIR CANAL—A-1676							
10-19	0.0	9-17	0.0	Diverted from Antelope Creek—Sec. 26-34-57 W.			
URBACH CANAL—D-308							
4-17	0.0	5-15	0.0	6-19	0.0	9-18	0.0
4-25	.0	5-22	.0	7-10	.0		
5- 1	.0	6- 5	.0	9-11	.0		
VALLEY RESERVOIR—A-2013							
8-31	0.0	Diverted from Bell Creek—Sec. 29-1-6 W.					
VAN TREEK CANAL—A-1098							
11- 3	0.0	Diverted from East Saw Log Creek—Sec. 5-30-51 W.					
VICTORIA CANAL NO. 1—D-210, D-212, A-1843							
6-27	0.0	8-22	0.0	Diverted from Victoria Creek—Sec. 1-19-21 W.			
VICTORIA CANAL NO. 2—D-213, A-1845							
6-22	0.0	Diverted from Victoria Creek—Sec. 1-19-21 W.					
WARBONNET CANAL—D-548							
10- 5	0.0	10-19	0.7	4-19	0.0	6-27	0.0
WARBONNET CANAL NO. 2—A-892							
10-19	0.0	4-19	4.9	6-27	3.4	9-25	0.0
WEARIN CANAL—A-1864							
4-16	0.0	4-30	0.0	Diverted from Lodgepole Creek—Sec. 8-14-58 W.			
Measurements made at Rating Flume							

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

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.							
4-19	0.0	5-9	0.0	8-22	0.0	9-20	0.0
4-27	.0	5-18	.0	8-31	.0		
5-2	.0	6-22	.0	9-14	.0		
WHITE RIVER CANAL—D-477							
Diverted from White River—Sec. 34-32-52 W.							
Measurements made at Rating Flume							
10-2	0.0	5-11	7.3	7-7	0.0	8-31	0.0
10-7	.0	5-24	7.6	7-14	.0	9-8	.0
10-14	.0	6-6	.0	8-4	.0	9-15	.0
10-28	.0	6-19	.0	8-11	.0	9-22	.0
4-17	.0	6-25	.0	8-25	.0	9-28	.0
WHITNEY PIPE LINE—A-1604, A-1660							
Diverted from White River—Sec. 26-32-52 W.							
10-23	0.0						
WHITNEY PIPE LINE—A-1626							
Diverted from White River—Sec. 26-32-52 W.							
10-23	0.0						
WICKERSHAM CANAL—A-2204							
Diverted from Boggy Creek—Sec. 31-33-54 W.							
10-17	0.0	10-30	0.0	4-12	0.0		
WICKERSHAM SUPPLY CANAL—A-2182							
Diverted from Boggy Creek—Sec. 31-33-54 W.							
10-17	0.0	1-25	0.7	5-16	0.5	8-10	0.0
10-30	.0	4-12	.0	6-27	.6		
WIEGAND CANAL—A-563							
Diverted from Lodgepole Creek—Sec. 17-13-45 W.							
4-19	0.0	7-27	0.0				
WIEGAND CANAL NO. 2—A-1323							
Diverted from Lodgepole Creek—Sec. 16-13-45 W.							
4-19	0.0	7-27	0.0				
WIEGAND CANAL NO. 3—A-1322							
Diverted from Lodgepole Creek—Sec. 16-13-45 W.							
4-19	0.0	7-27	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1951

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.							
4-19	0.0	7-20	0.0	8-22	0.0	9-20	0.0
6-29	16.3	8-17	.0	8-31	.0		
WOLFE CANAL—D-813							
Diverted from Lodgepole Creek—Sec. 18-13-45 W.							
4-19	0.0	5-23	0.0	7-20	2.5	9-14	0.1
4-27	.0	5-31	3.3	7-27	3.1	9-20	.1
5- 2	.0	6- 6	.0	8-17	.0		
5- 9	.0	6-15	.0	8-22	.0		
5-18	.0	7-13	5.2	8-31	.0		
WOODRUFF CANAL, SOUTH—D-536							
Diverted from Jim Creek—Sec. 14-33-57 W.							
10- 5	0.0	4-19	0.0	7-27	0.0		
WORDEN PUMP—A-1862							
Diverted from Republican River—Sec. 32-1-6 W.							
8-30	0.0						
WRIGHT CANAL—A-3864							
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.							
3-16	0.0	5-17	3.0	7-12	2.0	8-30	0.8
3-29	.0	5-25	2.5	7-19	1.7	9-12	.5
4- 4	.0	6- 8	1.7	7-26	.8	9-19	4.2
4-12	.0	6-14	2.3	8- 2	.7	9-26	2.0
4-20	.0	6-21	1.9	8-10	.7		
5- 3	.0	6-28	1.4	8-16	1.0		
5-10	.0	7- 5	2.7	8-23	.5		
YANDA, LOUIS PUMP—A-3454							
Diverted from Mud (Beaver) Creek—Sec. 1-12-15 W.							
Measurement made at Pump Site							
8- 8	0.0						
YANDA, GEORGE PUMP—A-1920							
Diverted from Mud (Beaver) Creek—Sec. 8-12-14 W.							
Measurement made at Pump Site							
8- 8	0.0						
ZIMMERMAN CANAL—A-532							
Diverted from Sow Belly Creek—Sec. 34-33-55 W.							
10-19	0.0	11-16	0.0	4-12	0.0	6-15	0.3
10-30	.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

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.							
4-29	0.0	6-5	0.0	7-9	0.0	8-12	0.0
5-6	.0	6-10	.0	7-15	.0	8-20	.0
5-14	.0	6-18	.0	7-23	.0	8-28	.0
5-21	.0	6-27	.0	7-29	.0	9-9	.0
5-27	.0	7-2	.0	8-5	.0	9-30	.0
ADAMS PUMP—A-4288							
Diverted from Mud (Beaver) Creek—Sec. 3-16-20 W.							
7-23	0.0						
ADEN PUMP—A-3882							
Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.							
7-18	0.0						
AIREDALE CANAL NO. 1—A-698, A-1380							
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.							
Measurements made at 5.5 ft. Weir							
5-2	0.0	7-8	0.0	8-9	0.0	9-20	0.0
5-8	.0	7-18	.0	8-16	.0		
6-13	.0	8-1	.0	9-12	.0		
AIREDALE CANAL NO. 2—A-699, A-1133							
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.							
5-2	0.0	7-8	0.0	8-9	0.0	9-20	0.0
5-8	.0	7-18	.0	8-16	.0		
6-13	.0	8-1	.0	9-12	.0		
AIREDALE CANAL NO. 3—A-1508							
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.							
5-2	0.0	7-8	0.0	8-9	0.0	9-20	0.0
5-8	.0	7-18	.0	8-16	.0		
6-13	.0	8-1	.0	9-12	.0		
ALCORN CANAL—A-803							
Diverted from Hooker Creek—Sec. 31-32-51 W.							
5-31	0.0						
ALLEN-LARNED CANAL—D-117							
Diverted from Buffalo Creek—Sec. 18-1-40 W.							
10-2	0.0	6-3	0.0	7-15	9.5	8-25	5.6
5-6	.0	6-17	3.2	8-12	3.6	9-23	3.1

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
AMSBERRY PUMP—A-2684							
Diverted from Mud (Beaver) Creek—Sec. 22-15-18 W.							
9- 3	0.0						
AMSBERRY PUMP—A-2789							
Diverted from Mud (Beaver) Creek—Sec. 23-15-19 W.							
9- 3	0.0						
ANDERSON CANAL—D-373							
Diverted from Lodgepole Creek—Sec. 8-14-51 W.							
5- 6	0.0	6-10	0.0	7- 9	0.0	8-20	0.0
5-21	.0	6-18	.0	7-29	.0	8-28	.0
5-27	.0	6-27	.0	8- 5	.0	9- 9	.0
6- 5	.0	7- 2	.0	8-12	.0	9-30	.0
ANDREWS SUPPLY CANAL—A-2558							
Diverted from Sow Belly Creek and Andrews Reservoir, A-2530 Sec. 5-32-55 W.							
4-18	0.0	5-16	0.0	7- 2	0.0	9-11	0.0
ANTRIM CANAL—A-594, A-834							
Diverted from Hat Creek—Sec. 3-32-55 W.							
5-28	0.0	9-11	0.0				
ASH CREEK CANAL, WEST—A-434, D-452R							
Diverted from West Ash Creek—Sec. 35-32-51 W.							
10- 8	0.0	11- 8	0.0	7- 7	0.0	9-22	0.0
10-30	.0	5-19	.0	8- 4	.0		
ASHMORE PUMP—A-4615							
Diverted from Stinking Water Creek—Sec. 25-5-34 W.							
6-23	2.8						
BALLWEG PUMP—A-3118							
Diverted from Cold Spring Creek—Sec. 11-20-10 W.							
7- 9	0.0						
BANKER PUMP—A-2370							
Diverted from Clear Creek—Sec. 36-14-16 W.							
7- 2	0.0						
BARBER CANAL—D-754, A-1111							
Diverted from Clear Creek—Sec. 29-16-41 W.							
5- 9	7.8	5-23	0.0	7- 1	2.3		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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.							
4-30	0.0	5-29	0.0	7-10	0.0	8-21	0.0
5- 7	.0	6- 6	.0	7-16	.0		
5-15	.0	6-11	.0	7-24	.0		
5-22	.0	7- 5	.0	8- 6	.0		
BARRON CANAL, EAST—D-438, A-2024							
Diverted from East Ash Creek—Sec. 32-32-50 W.							
10- 8	0.0	5-19	3.0	7- 7	0.8	9-22	0.0
10-30	.0	6- 2	.0	7-21	.0		
11- 8	.0	6-24	.0	8- 4	.0		
BARRON CANAL, WEST—D-438							
Diverted from East Ash Creek—Sec. 32-32-50 W.							
6-24	0.0	7-21	0.0	8- 4	0.0	9-22	0.0
7- 7	.0						
BARSTOW PUMPS NO. 1 AND 2—D-330R							
Diverted from Lodgepole Creek—Sec. 28-14-47 W.							
5- 7	0.0	6- 6	0.0	7-10	0.0	8- 6	0.0
5-15	.0	6-11	.0	7-16	.0	8-14	.0
5-29	.0	7- 2	.0	7-24	.0		
BARSTOW PUMP NO. 3—A-3825							
Diverted from Lodgepole Creek—Sec. 28-14-47 W.							
5- 7	0.0	6- 6	0.0	7-10	0.0	8- 6	0.0
5-15	.0	6-11	.0	7-16	.0	8-14	.0
5-29	.0	7- 5	.0	7-24	.0		
BATTLES PUMP—A-2647							
Diverted from Beaver Creek—Sec. 14-17-4 W.							
7-28	0.8						
BATTLES PUMP—A-2893							
Diverted from Beaver Creek—Sec. 14-17-4 W.							
7-28	0.0						
BAUERSACHS CANAL—D-492							
Diverted from Hooker Creek—Sec. 7-31-51 W.							
7-21	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
BEAL CANAL—A-1620							
Diverted from South Platte River—Sec. 20-13-40 W.							
10- 8	0.5	4- 9	0.1	6-18	0.1	8- 8	4.3
10-15	.2	4-17	.9	6-27	.5	8-19	6.4
10-22	.5	4-25	1.4	7- 3	8.1	8-27	9.8
10-31	.2	5- 7	.8	7-11	10.0	9- 4	2.2
11- 6	.2	5-16	.1	7-18	.0	9-11	5.9
11-14	.2	6- 6	2.3	7-25	4.5	9-18	3.9
4- 2	.4	6-12	.1	8- 1	13.1	9-25	.3
BEISER CANAL—A-1056							
Diverted from Niobrara River—Sec. 4-29-56 W.							
10- 5	0.0	6-19	0.0	7-22	0.0	9- 5	3.0
5-29	.0	6-25	.0	8- 7	.0	9-18	.0
6-13	.0	7- 8	.0	8-21	.0	9-30	.0
BENDIX CANAL—A-189, A-1669							
Diverted from Sand Creek—Sec. 35-33-53 W.							
10-24	0.0	11-16	0.0	6-21	0.0	8-14	0.0
BENNETT CANAL—A-1249							
Diverted from Niobrara River—Sec. 1-28-54 W.							
10- 9	0.0	5-21	0.0	7- 9	0.0	8-20	0.0
11-15	.6	6- 3	.4	7-23	.0	9- 4	.0
4-29	.0	6-12	2.3	8- 7	.0	9-17	.0
BENNETT CANAL NO. 3—A-934							
Diverted from Lodgepole Creek—Sec. 29-15-54 W.							
5-13	0.0	6-16	0.0	7- 7	0.0	8- 5	0.0
6- 3	.0	6-24	.0	7-21	.0	8-28	.0
6- 9	.0	6-30	.0	7-28	.0		
BERANEK, LOUIS PUMP—A-3213							
Diverted from Mud (Beaver) Creek—Sec. 8-12-14 W.							
7-18	0.0						
BERNT PUMP—A-4144							
Diverted from Clear Creek—Sec. 6-20-10 W.							
7- 9	0.0						
BERNT PUMP—A-4145							
Diverted from Cedar Creek—Sec. 6-20-10 W.							
7- 9	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
BIGELOW-SEYMOUR CANAL—D-510							
Diverted from Niobrara River—Sec. 19-31-57 W.							
10-11	0.0	6-14	0.0	7-22	0.6	9-18	0.0
11-29	.0	6-19	.6	8-7	.0	9-30	.0
5-1	.0	6-25	1.0	8-21	.0		
5-29	.0	7-8	.0	9-5	.0		
BIGELOW-SEYMOUR PUMP—D-510R							
Diverted from Niobrara River—Sec. 21-31-57 W.							
10-10	0.0						
BIRDWOOD CANAL, WEST—D-652							
Diverted from Birdwood Creek—Sec. 22-15-33 W.							
10-10	1.4	5-5	0.8	7-7	0.5	9-2	0.8
10-17	.3	5-12	.1	7-15	.8	9-9	.6
10-29	.6	5-20	.5	7-21	.7	7-15	.8
11-5	.7	5-27	.3	7-28	.9	9-22	.6
11-13	.2	6-4	.2	8-6	.3	9-29	.6
4-7	.0	6-10	.4	8-13	.6		
4-14	.0	6-16	.4	8-18	.2		
4-23	.0	6-26	.0	8-25	1.0		
BLANK-JOY CANAL—A-2025							
Diverted from Center Creek—Sec. 1-1-15 W.							
5-29	0.0	7-31	0.0	8-20	0.0	9-18	0.0
6-26	.0						
BLUHM CANAL—A-1811							
Diverted from Lodgepole Creek—Sec. 36-14-48 W.							
4-30	0.0	6-5	0.0	7-16	0.0	8-21	0.0
5-7	.0	6-11	.0	7-23	.0	9-16	.0
5-15	.0	7-5	.0	7-31	.0	9-23	.0
5-29	.0	7-10	.0	8-6	.0		
BOOTH CANAL, NORTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
4-30	0.0	6-6	0.0	7-24	0.0	8-29	2.4
5-7	.0	6-11	.0	7-31	.0	9-8	2.6
5-15	.0	7-5	.0	8-6	.0	9-16	.5
5-22	.0	7-10	.0	8-14	1.2	9-23	.0
5-29	.0	7-16	.0	8-21	1.3		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
BOOTH CANAL, SOUTH—D-309, D-310							
Diverted from Lodgepole Creek—Sec. 29-14-47 W.							
Measurements made at Rating Flume							
4-30	3.1	6- 6	0.0	7-24	0.0	8-29	0.0
5- 7	.0	6-11	.0	7-31	.0	9- 8	.0
5-15	.0	7- 5	.0	8- 6	.0	9-16	.0
5-22	.0	7-10	.0	8-14	.8	9-23	.0
5-29	.0	7-16	4.5	8-21	.0		
BORDWELL CANAL, SOUTH—D-302							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
4-29	0.0	6- 5	0.0	7-15	0.0	8-29	0.0
5- 6	.0	6-10	.0	7-23	.0	9- 9	.0
5-14	.0	6-25	.0	7-29	.0	9-16	.0
5-22	.0	7- 2	.0	8- 6	.0	9-22	.0
5-27	.0	7- 9	.0	8-20	.0		
BORDWELL CANAL, NORTH—D-303							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
4-29	0.0	6- 5	0.0	7-15	0.0	8-29	0.0
5- 6	.0	6-10	.0	7-23	.0	9- 9	.0
5-14	.0	6-25	1.2	7-29	.0	9-16	.0
5-22	.0	7- 2	.0	8- 6	.0	9-22	.0
5-27	.0	7- 9	.0	8-20	.0		
BORQUIST CANAL, SOUTH—D-300							
Diverted from Lodgepole Creek—Sec. 34-14-49 W.							
4-29	0.0	6- 5	0.0	7- 2	0.0	7-29	0.0
5- 6	.0	6-10	.0	7- 9	.0	8-20	.0
5-14	.0	6-18	.0	7-15	.0	8-28	.0
5-27	.0	6-25	.0	7-23	.0	9- 9	.0
BORQUIST CANAL, NORTH—D-301							
Diverted from Lodgepole Creek—Sec. 34-14-49 W.							
4-29	0.0	6- 5	0.0	7- 2	0.0	7-29	0.0
5- 6	.0	6-10	.0	7- 9	.0	8-20	.0
5-14	.0	6-18	.0	7-15	.0	8-28	.0
5-27	.0	6-25	.0	7-23	.0	9- 9	.0
BOURETT CANAL—A-4							
Diverted from Niobrara River—Sec. 33-30-56 W.							
10- 5	0.0	7-22	0.0	8-21	0.0	9-18	0.0
5-29	.0	8- 7	.0	9- 5	.0	9-30	.0
6-19	.0						
BOURETT CANAL, SOUTH—A-5							
Diverted from Niobrara River—Sec. 29-30-56 W.							
10- 5	0.0	5-29	0.0	6-19	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
BOURETT CANAL—A-542							
Diverted from Niobrara River—Sec. 29-30-56 W.							
10- 5	0.0	5-29	0.0	6-19	0.0		
BOURETT CANAL—A-546							
Diverted from Niobrara River—Sec. 19-30-56 W.							
10- 5	0.0	5-29	0.0	6-19	0.0		
BOWMAN PUMP—A-4255							
Diverted from Beaver Creek—Sec. 36-20-6 W.							
7-29	0.0						
BROWN PUMP—A-3618							
Diverted from Deep Creek—Sec. 22-3-20 W.							
7-30	0.0						
BROWN PUMP—A-3758							
Diverted from Indian Creek—Sec. 23-2-36 W.							
5- 6	2.0	8-13	3.5				
BROWN PUMP—A-3491							
Diverted from Beaver Creek—Sec. 17-20-6 W.							
7-29	0.0						
BULLOCK CANAL—A-437							
Diverted from Lodgepole Creek—Sec. 4-13-46 W.							
5- 1	0.0	6-11	0.0	7-31	0.0	9-17	0.0
5- 7	.0	7- 5	.0	8- 6	.0	9-23	.0
5-15	5.6	7-10	.0	8-14	.0		
5-29	.0	7-16	.0	8-21	.0		
6- 6	.0	7-24	.0	9- 8	.0		
BULLOCK CANAL—D-296							
Diverted from Lodgepole Creek—Sec. 3-13-46 W.							
5- 1	0.0	6-11	0.0	7-31	0.8	9- 8	0.0
5- 7	.0	7- 5	.0	8- 6	.8	9-17	.0
5-15	.0	7-11	.0	8-14	.0	9-23	.0
5-29	.0	7-16	.0	8-21	.0		
6- 6	.0	7-24	.0	8-29	.0		
BURNSIDE PUMP—A-3685							
Diverted from Cedar River—Sec. 22-18-7 W.							
7-10	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
BURTON PUMP—A-4317							
Diverted from Clear Creek—Sec. 3-14-16 W.							
7- 2	0.0						
BUSHNELL CANAL—A-504							
Diverted from Lodgepole Creek—Sec. 2-14-58 W.							
5- 5	0.0	6- 3	0.0	6-30	0.0	8- 4	0.0
5-19	.0	6- 9	.0	7-21	.0	8-25	.0
BUTLER PUMP—A-3252							
Diverted from Republican River—Sec. 34-1-7 W.							
5- 8	0.0	6- 5	0.0				
BUTLER PUMP—A-3443							
Diverted from Republican River—Sec. 31-1-7 W.							
7-31	0.0						
CALADONIA CANAL—A-1681, A-1683							
Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.							
9-25	0.0						
CAMPBELL PUMP—A-3682							
Diverted from Cedar River—Sec. 35-18-7 W.							
7-10	0.0						
CAPELLEN PUMP—A-3883							
Diverted from Mud (Beaver) Creek—Sec. 13-13-16 W.							
7-18	0.0						
CAPRON CANAL—D-890							
Diverted from Greenwood Creek—Sec. 15-18-50 W.							
5- 1	0.0	6- 4	0.0	7-19	0.0	8-15	0.0
5-10	.0	6-17	.0	7-30	.0		
5-24	.0	7- 1	.0	8- 8	.0		
CARPENTER CANAL—A-1861							
Diverted from Turkey Creek—Sec. 30-4-21 W.							
7-31	1.0						
CARSTENSON PUMP—A-3706							
Diverted from Beaver Creek—Sec. 13-17-4 W.							
7-28	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
CARTER PUMP—A-3430							
Diverted from Beaver Creek—Sec. 34-19-5 W.							
7-28	0.0						
CARTER PUMP—A-2741							
Diverted from Bogus Creek—Sec. 11-18-5 W.							
7-28	0.0						
CASTEEL PUMP—A-3049							
Diverted from Clear Creek—Sec. 1-16-18 W.							
7-2	0.0	8-13	0.0				
CHAMPION CANAL—D-47, A-1108							
Diverted from Frenchman River—Sec. 23-6-40 W.							
10-29	0.0	5-19	15.9	6-9	9.6	7-14	11.9
4-28	17.8	6-2	11.4	6-28	15.2	8-18	18.8
CHANNER PUMP—A-4411							
Diverted from Cedar River—Sec. 35-18-7 W.							
7-10	0.0						
CHASE COUNTY LAND AND LIVESTOCK CANAL NO. 1—A-57							
Diverted from Stinking Water Creek—Sec. 4-7-38 W.							
5-26	1.6	6-16	0.1	8-6	1.6		
CHERRY PUMP—A-4294							
Diverted from Clear Creek—Sec. 33-15-16 W.							
7-2	0.0						
CHLADEK CANAL—A-607							
Diverted from Niobrara River—Sec. 26-29-48 W.							
4-10	0.0						
CHOAT PUMP—A-3554							
Diverted from Beaver Creek—Sec. 28-19-5 W.							
7-28	0.0						
CHRISTEN PUMP—A-4377							
Diverted from Victoria Creek—Sec. 16-19-21 W.							
6-25	1.9						
CHRISTENSEN PUMP—A-2240							
Diverted from Cedar River—Sec. 30-17-6 W.							
7-10	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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	6-18	0.0	7-29	0.0	9-15	0.0
5-14	.0	6-27	.0	8- 5	.0	9-22	.0
5-21	.0	7- 2	.0	8-12	.0	9-30	.0
5-27	.0	7- 9	.0	8-20	.0		
6- 5	.0	7-15	.0	8-28	.0		
6-10	.0	7-23	.0	9- 9	.0		
CHRISTENSEN CANAL, SOUTH—D-366							
Diverted from Lodgepole Creek—Sec. 7-14-51 W.							
5- 6	3.8	6-18	0.0	7-29	0.0	9-15	0.0
5-14	.0	6-27	.0	8- 5	.0	9-22	.0
5-21	.0	7- 2	.0	8-12	.0	9-30	.0
5-27	.0	7- 9	.0	8-20	.0		
6- 5	.0	7-15	.0	8-28	.2		
6-10	.0	7-23	.0	9- 9	.0		
CIRCLE CANAL—A-4758							
Diverted from Niobrara River—Sec. 34-29-51 W.							
7- 9	0.0	8- 6	0.0	9- 3	0.0		
7-23	.0	8-19	.0	9-16	.0		
COFFEE CANAL, EAST—D-512							
Diverted from Hat Creek—Sec. 26-33-55 W.							
4-18	2.0	5-28	2.6	7- 2	1.5	9-11	0.1
COFFEE CANAL, WEST—D-512							
Diverted from Hat Creek—Sec. 26-33-55 W.							
5-28	0.0	7- 2	0.0	9-11	0.0		
COLE PROJECT DAM NO. 1—A-2254							
Diverted from Bear Creek—Sec. 14-34-37 W.							
5-15	0.0	7-15	0.0	8-15	0.0	9-13	0.0
6-27	.0						
COOK CANALS NO. 1 and 2—D-980							
Diverted from Niobrara River—Sec. 2-28-56 W.							
10- 2	0.0	6-13	0.7	7-22	1.2	9-17	1.3
10- 9	.0	6-19	2.5	8- 7	1.7	9-30	2.0
5-14	.0	6-25	2.0	8-20	2.5		
6- 3	3.1	7- 8	1.9	9- 4	1.1		
COOPER CANAL—A-333							
Diverted from Squaw Creek—Sec. 36-32-52 W.							
10-23	0.6	1-14	0.0	5-17	0.9	8- 8	0.0
1-10	.0	3-31	.2	5-31	.4	8-30	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
COOPER CANAL, EAST—A-42							
Diverted from White Clay Creek—Sec. 2-31-52 W.							
2-7	0.0	5-17	0.0	7-19	0.0		
COOPER SUPPLY CANAL—A-2063							
Diverted from White Clay Creek—Sec. 2-31-52 W.							
3-27	0.0	7-19	0.0	8-8	0.1	8-30	0.0
5-17	.0						
COOPER-SHARPLESS PUMP—A-3090, A-3778							
Diverted from Mud (Beaver) Creek—Sec. 15-15-18 W.							
9-3	0.0						
COSLOR PUMP—A-3190							
Diverted from Middle Loup River—Sec. 9-19-19 W.							
7-23	0.0						
COURTLAND CANAL—A-4887							
Diverted from Republican River—Sec. 7-1-9 W.							
6-26	47.0	7-11	0.0				
CREWS CANAL NO. 1—D-1025R, Petition 241							
Diverted from Republican River, North Fork—Sec. 21-1-41 W.							
10-2	0.0	5-20	0.0	7-15	0.8		
10-23	.0	6-17	2.8	8-25	.0		
CREWS CANAL NO. 2—A-1709, A-1826							
Diverted from Republican River, North Fork—Sec. 20-1-41 W.							
10-2	0.0	5-20	0.0	7-15	1.5		
10-23	.0	6-17	.0	8-25	1.0		
CRIGLER CANAL—D-861, A-486							
Diverted from Lawrence Fork—Sec. 1-18-52 W.							
5-3	0.0	6-7	0.0	7-12	0.0		
5-10	.0	6-17	.0	7-26	.0		
5-22	.0	6-19	.0	8-15	.0		
CROSS CANAL, EAST—A-1808							
Diverted from Willow Creek—Sec. 16-19-51 W.							
5-8	0.0	6-13	0.2	7-8	0.4	9-12	0.7
CROSS CANAL, WEST—A-1808							
Diverted from Willow Creek—Sec. 16-19-51 W.							
5-8	0.0	6-13	0.0	7-8	0.0	9-12	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
CROZIER PUMP—A-4143							
Diverted from Republican River—Sec. 1-1-9 W.							
6-26	0.0	8-20	0.0				
CRYSTAL LAKE CANAL—A-2286							
Diverted from Spring Creek and Crystal Lake Reservoir Sec. 6-32-55 W.							
7- 2	0.2						
DAINTON PUMP—A-3939							
Diverted from Middle Loup River—Sec. 10-19-19 W.							
7-23	0.0						
DANNELLY PUMP—A-3845							
Diverted from Beaver Creek—Sec. 10-17-4 W.							
7-28	0.0						
DAVIS, FRANK PUMP—A-1895							
Diverted from Lillian Creek—Sec. 1-19-20 W.							
7-23	0.0						
DAVIS, WILLIAM PUMP—A-3499							
Diverted from Cedar River—Sec. 25-19-8 W.							
7- 9	0.0						
DAVISON CANAL PUMP—A-1662							
Diverted from Niobrara River—Sec. 12-28-54 W.							
6- 3	0.0	7- 9	0.0	8- 7	0.0	9- 4	0.0
6-12	.0	7-23	.0	8-20	.0	9-17	.0
DEAN PUMP—A-1962, A-2040							
Diverted from Clear Creek—Sec. 36-16-17 W.							
7- 2	0.0	8-13	0.0				
DELARM PUMP—A-2722							
Diverted from Beaver Creek—Sec. 3-21-7 W.							
7-29	0.0						
DEMAY PUMP—A-3793							
Diverted from Beaver Creek—Sec. 23-1-28 W.							
10-11	0.0	7- 8	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
DEVINE PUMP—A-3208							
Diverted from South Loup River—Sec. 17-14-20 W.							
6-26	0.0						
DeWULF PUMP—A-3309							
Diverted from Cedar River—Sec. 15-18-7 W.							
7-10	0.0						
DICKEY BROWN AND NORTH TRAILS END CANAL—A-4750, A-4749 — Diverted from Pumpkinseed Creek—Sec. 29-19-52 W.							
8- 9	0.0	8-16	0.0	9-12	0.0	9-19	0.0
DICKINSON CANAL—D-967							
Diverted from Lodgepole Creek—Sec. 33-14-47 W.							
4-30	0.0	6- 6	0.0	7-16	0.0	8-14	0.0
5- 7	.0	6-11	.0	7-24	.0	8-21	.0
5-15	.0	7- 2	.0	7-31	.0	9- 8	.0
5-29	.0	7-10	.0	8- 6	.0	9-16	.0
DICKINSON CANAL—D-969							
Diverted from Lodgepole Creek—Sec. 26-14-47 W.							
5- 1	0.0	6-11	0.1	7-24	0.0	9- 8	0.5
5- 7	.0	7- 5	.0	7-31	1.2	9-16	1.0
5-15	.0	7-10	.0	8- 6	.0	9-23	.5
5-29	.0	7-16	.0	8-14	.0		
DIESSNER PUMP—A-3650							
Diverted from Cedar River—Sec. 1-19-9 W.							
7- 9	0.0						
DOBSON PUMP—A-2702, A-2702R, A-3752							
Diverted from Cedar River—Sec. 25, 23-19-8 W.							
7-10	0.0						
DODD PUMP—A-2830							
Diverted from Cedar River—Sec. 9-18-7 W.							
7-10	0.0						
DOPSLAUF PUMP—A-2364							
Diverted from Cedar River—Sec. 23, 24-19-8 W.							
7- 9	0.0						
DOUT BROTHERS CANAL—D-981							
Diverted from Jim Creek—Sec. 7-33-56 W.							
6- 4	0.0	8-13	0.0	9-25	0.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
DOUT CANAL NO. 1—A-2000							
Diverted from Dout Reservoir, A-1999—Sec. 7-33-56 W.							
6- 4	1.2	6-17	0.0	8-13	0.0	9-25	0.0
DOUT CANAL NO. 2—A-2002							
Diverted from Dout Reservoir No. 2, A-2001—Sec. 7-33-56 W.							
6-17	0.0	8-13	0.0	9-25	0.0		
DROBNY PUMP—A-2995							
Diverted from Middle Loup River—Sec. 35-18-17 W.							
7-22	0.7						
DUNN CANAL—A-649							
Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.							
2-27	0.0	5-24	0.0	8-14	0.0	9-27	0.0
5- 3	.0						
EARNEST CANAL NO. 1—D-514a							
Diverted from Niobrara River—Sec. 9-29-56 W.							
10- 5	0.0	6-13	0.3	7-22	3.7	9-18	0.4
11-29	.0	6-19	.0	8- 7	4.0	9-30	.0
5-14	.1	6-25	.0	8-21	3.4		
5-29	8.2	7- 8	5.0	9- 5	2.9		
EARNEST CANAL NO. 2—D-514b							
Diverted from Niobrara River —Sec. 9-29-56 W.							
10- 5	0.0	6-13	2.3	7- 8	0.0	9- 5	0.0
11-29	.0	6-19	6.2	7-22	.0	9-18	.1
5-14	.1	6-19	2.9	8- 7	.0	9-30	4.5
5-29	.0	6-25	4.2	8-21	.0		
ECKERT CANAL—A-4281							
Diverted from Pumpkinseed Creek—Sec. 19-19-51 W.							
5- 2	0.0	6-13	0.0	7-18	0.0	8-16	0.0
5- 9	.0	6-23	.0	8- 1	.0	9-12	.0
5-23	.0	7- 8	.0	8- 9	.0	9-19	.0
EGGLESTON PUMP—A-3637							
Diverted from South Loup River—Sec. 14-14-21 W.							
6-26	0.0						
EHRMAN PUMP—A-3859							
Diverted from Pumpkinseed Creek—Sec. 18-19-53 W.							
5- 2	0.0	6-13	0.0	8- 1	0.0	9-12	0.0
5- 9	.0	7- 8	.0	8- 9	.0	9-20	.0
5-28	.0	7-18	.0	8-16	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
ELMER CANAL—A-1704							
Diverted from Indian Creek—Sec. 16-32-50 W.							
6-24	0.2						
ENTERPRISE CANAL PUMP—D-461							
Diverted from Niobrara River—Sec. 27-29-50 W.							
6-11	6.4	7- 9	0.0	8- 5	0.0	9- 3	0.0
6-26	.0	7-23	.0	8-19	.0	9-16	.0
EXCELSIOR CANAL—D-568, A-2264							
Diverted from Niobrara River—Sec. 10-28-52 W.							
11-14	0.0	6- 3	4.0	7-23	0.8	9- 4	3.9
4-29	.0	6-11	1.5	8- 6	.4	9-17	3.8
5-21	5.8	7- 9	.4	8-20	.3		
FENDRICH CANALS, NORTH AND SOUTH—A-616, A-617							
Diverted from Niobrara River—Sec. 32-29-48 W.							
4-10	0.0	6-23	0.0	7-24	0.0		
FISHER PUMP—A-3128							
Diverted from Mud (Beaver) Creek—Sec. 34-13-15 W.							
7-18	0.0						
FLETCHER PUMP—A-2342							
Diverted from Beaver Creek—Sec. 24-2-23 W.							
7-24	0.0						
FOLAND PUMP—A-3233							
Diverted from Cedar River—Sec. 26-18-7 W.							
7-10	0.0						
FONDA PUMP—A-4103							
Diverted from Beaver Creek—Sec. 21-19-5 W.							
7-28	0.0						
FOSTER PUMP—A-3930							
Diverted from Mud (Beaver) Creek—Sec. 22-16-19 W.							
9- 3	0.0						
FOX PUMP—A-4740							
Diverted from White River—Sec. 26-32-52 W.							
9-29	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
FRENCH PUMP—A-4874							
Diverted from Beaver Creek—Sec. 1-1-26 W.							
7- 8	0.0						
FRYE PUMP—A-3696							
Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.							
7-18	0.0						
FT. ROBINSON CANAL—A-4734							
Diverted from Soldier Creek—Sec. 12-31-53 W.							
10-23	0.0	11-19	0.0	11-26	0.0		
FULLER PUMP—A-3425							
Diverted from Lodgepole Creek—Sec. 15-14-51 W.							
5- 6	0.0	6-18	0.0	7-23	0.0	8-28	0.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0	9-22	.0
6- 5	.0	7- 9	.0	8-12	.0	9-30	.0
6-10	.0	7-15	.0	8-20	.0		
FURMAN CANAL—D-462							
Diverted from Niobrara River—Sec. 29-29-50 W.							
10- 3	0.0	11-21	0.0	5-26	0.0	8- 5	2.7
10-18	.0	11-26	.0	6-11	7.4	8-19	2.7
10-26	.0	11-30	.0	6-26	.0	9- 3	.0
11- 7	.0	12- 5	.0	7- 9	.0	9-16	.0
11-14	.0	5-13	.0	7-23	.0		
GALLATIN PUMP—A-2857							
Diverted from Beaver Creek—Sec. 24-1-28 W.							
10-11	0.0	7- 8	0.0				
GALLATIN PUMP—A-2796							
Diverted from Beaver Creek—Sec. 24-1-28 W.							
10-11	0.0	7- 8	0.0				
GARDNER CANAL—A-1647							
Diverted from Little Cottonwood Creek—Sec. 6-1-15 W.							
7-31	0.0	9-18	0.0				
GARY RESERVOIR AND CANAL—A-2986							
Diverted from Beaver Creek—Sec. 12-2-23 W.							
7-24	0.0						

Note: Hcadgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
GENOA HOSPITAL CANAL—A-2735							
Diverted from Beaver Creek—Sec. 29-18-4 W.							
7-28	0.0						
GEORGE CANAL—A-3525							
Diverted from Lodgepole Creek—Sec. 7-14-51 W.							
5- 6	0.0	6-18	0.0	7-23	0.0	8-28	0.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		
6-10	.0	7-15	.0	8-20	.0		
GILES PUMP—A-4673							
Diverted from Beaver Creek—Sec. 36-2-25 W.							
10-11	0.0	7-24	0.0				
GILLESPIE PUMP—A-2846							
Diverted from Beaver Creek—Sec. 8-19-5 W.							
7-29	0.0						
GIVENS PUMP—A-3361							
Diverted from Mud (Beaver) Creek—Sec. 35-14-16 W.							
7-18	0.0						
GLASER PUMP—A-3586							
Diverted from Cold Spring Creek—Sec. 14-20-10 W.							
7- 9	0.0						
GLASER PUMP—A-3616							
Diverted from Clear Creek—Sec. 31-21-10 W.							
7- 9	0.0						
GLENDY PUMP—A-3195, A-3290							
Diverted from South Loup River—Sec. 13-14-21 W.							
6-26	0.0						
GLENDY PUMP—A-3218							
Diverted from South Loup River—Sec. 13-14-21 W.							
6-26	0.0						
GOCHNAUER CANAL—A-2420							
Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.							
9-19	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
GRAY PUMP—A-3665							
Diverted from Beaver Creek—Sec. 7-20-6 W.							
7-29	0.0						
GUNDERSON CANAL—D-305							
Diverted from Lodgepole Creek—Sec. 1-14-52 W.							
5- 6	0.0	6-10	0.0	7-15	0.0	8-20	0.0
5-14	.0	6-18	.0	7-23	.0	8-28	.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		
GUTHRIE CANAL—D-1036							
Diverted from Republican River—Sec. 34-1-7 W.							
7-31	0.0						
HAGEMAN CANAL—A-2046							
Diverted from White River—Sec. 26-33-50 W.							
10-17	0.0	7-28	0.0	8-25	1.6	9-15	0.0
6-28	3.5	8-11	.0	9- 8	.0	9-29	.0
HAGGERTY PUMP—A-2592, A-2390							
Diverted from Cedar River—Sec. 34-20-9 W.							
7- 9	0.0						
HAIGLER CANAL—D-1025							
Diverted from Republican River—Sec. 16-1-43 W.							
Measurements made at Colorado-Nebraska Line							
10-23	18.2	6- 3	25.7	7-15	32.4	8-25	37.2
5- 6	23.3	6-17	23.7	7-29	24.9	9- 9	29.8
5-20	29.8	7- 1	22.8	8-12	31.2	9-23	31.5
HALL PUMP—D-478cR							
Diverted from White River—Sec. 26-32-52 W.							
5- 5	0.0	6-16	0.0	8-11	0.0	9-29	0.0
5-19	.0	6-30	.0	8-25	.0		
5-27	.0	7-14	.0	9- 8	.0		
6- 9	.0	7-28	.0	9-15	.0		
HALL CANAL NO. 2—D-478c							
Diverted from White River—Sec. 34-32-52 W.							
10- 6	0.0	11-24	0.0	6- 9	0.0	8-11	0.0
10-24	.0	4-28	.0	6-16	.0	8-25	.0
10-30	.0	5- 5	.0	6-30	.0	9- 8	.0
11-10	.0	5-19	.0	7-14	.0	9-15	.0
11-17	.0	5-27	.0	7-28	.0	9-29	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
HALL PUMP—A-3234							
Diverted from Beaver Creek—Sec. 12-18-5 W.							
7-28	0.0						
HALL SPRING CANAL—D-550							
Diverted from Spring Creek—Sec. 6-32-55 W.							
7- 2	0.0						
HAMLIN CANAL—D-555							
Diverted from Squaw Creek—Sec. 10-33-57 W.							
5- 2	0.2						
HARRIS PUMP—A-2843							
Diverted from Beaver Creek—Sec. 27-19-5 W.							
7-28	0.0						
HARRIS PUMP—A-3763							
Diverted from Beaver Creek—Sec. 9-19-5 W.							
7-28	2.4						
HARRIS PUMP—A-4205, A-4206							
Diverted from Republican River and Elm Creek—Sec. 2 & 10-1-10 W.							
6- 5	0.0	6-26	0.0				
HARRIS-COOPER CANAL—D-464b							
Diverted from White River—Sec. 26-32-52 W.							
10- 6	0.0	11-24	0.0	6-30	0.0	9- 8	6.1
10-24	.0	5- 5	8.6	7-14	.0	9-10	5.8
10-30	.0	5-19	.0	7-28	.0	9-15	.0
11-10	.0	5-27	.0	8-11	.0	9-29	4.8
11-17	.0	6-16	5.5	8-25	2.5		
HARRIS-NEECE CANAL—D-517, A-2275							
Diverted from Niobrara River—Sec. 3-28-55 W.							
10- 9	0.0	6- 3	12.6	7-22	0.1	9-17	7.6
11-15	.0	6-12	8.8	8- 7	9.0		
11-29	.0	6-25	12.6	8-20	11.9		
5-14	22.9	7- 8	7.1	9- 4	7.2		
HARRY CANAL—A-2179							
Diverted from Norman Reservoir and Indian Creek Sec. 8-32-50 W.							
6-24	1.9	8- 4	1.3				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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.							
5-12	0.0	8-29	0.0	9-19	0.0		
HARTZELL CANAL—A-390							
Diverted from South Loup River—Sec. 27-18-26 W.							
6-25	0.0						
HAT CREEK CANAL, WEST—D-553a							
Diverted from Hat Creek—Sec. 16-32-55 W.							
5-28	0.7	7- 2	0.0	9-11	0.0		
HAZELTON CANAL—D-475							
Diverted from White Clay Creek—Sec. 13-31-52 W.							
11-13	0.0	5-17	2.9	7-19	0.4	8-30	0.0
3-27	.4	5-31	1.4	8- 8	.1		
HEAPY PUMP—A-3004							
Diverted from Clear Creek—Sec. 10-14-16 W.							
7- 2	0.0						
HEARD CANAL NO. 1—D-916							
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.							
5- 2	0.0	6-13	0.0	7-18	0.0	8-16	0.0
5- 9	.0	6-23	.0	8- 1	.0	9-12	.0
5-28	.0	7- 8	.0	8- 9	.0	9-20	.0
HEARD CANAL NO. 2—D-916							
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.							
5- 2	0.0	6-13	0.0	7-18	0.0	8-16	0.0
5- 9	.0	6-23	.0	8- 1	.0	9-12	.0
5-28	.0	7- 8	.0	8- 9	.0	9-20	.0
HEIBEL PUMP—A-3035							
Diverted from Shell Creek—Sec. 24-18-1 E.							
7-30	0.8						
HERGOTT PUMP—A-4421							
Diverted from Republican River—Sec. 18-2-19 W.							
6-10	0.0						
HERZINGER PUMP—A-2702							
Diverted from Cedar River—Sec. 25-19-8 W.							
7- 9	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
HICKENBOTTOM PUMP—A-2730							
Diverted from South Loup River—Sec. 15-15-22 W.							
6-26	0.0						
HIGH LINE CANAL—A-1682							
Diverted from Jim Creek—Sec. 13-33-57 W.							
5- 2	0.0	7-16	0.0	9-25	0.0		
HILGER PUMP—A-2830, A-4627							
Diverted from Cedar River—Sec. 9-18-7 W.							
7-10	0.0						
HILL CANAL—A-886							
Diverted from West Boggy Creek—Sec. 11-32-55 W.							
5-28	0.0						
HITSHEW PUMP NO. 2—A-2509, A-4862							
Diverted from Niobrara River—Sec. 6-28-52 W.							
4-29	0.0	6- 3	0.0	7-23	0.0	9- 4	0.0
5-14	.0	6-12	.0	8- 6	.0	9-17	.0
5-21	.0	7- 9	.0	8-20	.0		
HITSHEW, GEORGE CANAL—A-1260, A-2509							
Diverted from Niobrara River—Sec. 6-28-52 W.							
11-15	0.0	5-21	1.4	7- 9	0.0	8-20	0.0
4-29	.0	6- 3	.0	7-23	.0	9- 4	.0
5-14	6.4	6-12	3.0	8- 5	.0	9-17	6.4
HOFFMEISTER RESERVOIR CANAL—A-2575							
Diverted from Hoffmeister Reservoir—Sec. 30-6-38 W.							
Measurements made at Rating Flume							
5-26	2.6	8-11	2.6				
HOLCOMBE CANAL—D-636							
Diverted from Pawnee Creek—Sec. 13-13-28 W.							
Measurements made at Rating Flume							
4-23	0.0	7-18	1.4	8-12	0.0		
7- 1	3.1	8- 1	.0	9-16	1.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
HOLLINGSWORTH CANAL—D-723							
Diverted from South Platte River—Sec. 7-13-38 W.							
Measurements made at Rating Station							
10- 8	7.8	12-12	0.7	6- 6	4.0	8- 8	9.4
10-15	12.3	1- 3	.0	6-12	4.3	8-19	6.2
10-22	15.7	4- 2	.0	6-18	7.8	8-27	16.6
10-31	8.1	4- 9	.0	6-27	1.9	9- 4	5.5
11- 6	7.2	4-17	.0	7- 3	2.7	9-11	8.1
11-14	9.4	4-25	.0	7-11	6.4	9-18	9.0
11-20	7.4	5- 7	.0	7-18	17.4	9-25	8.1
11-27	5.8	5-16	4.7	7-25	3.9		
12- 4	2.0	5-23	10.4	8- 1	11.0		
HOMAN PUMP—A-2820							
Diverted from Homan Creek—Sec. 31-19-7 W.							
7-10	0.0						
HOMAN PUMP—A-3330							
Diverted from Cedar River—Sec. 31-19-7 W.							
7-10	0.0						
HOMRIGHAUSEN CANAL—A-4869							
Diverted from Niobrara River—Sec. 9-28-52 W.							
11- 5	0.0	6- 3	0.0	7-23	0.0	9- 4	0.0
4-29	.0	6-12	.0	8- 6	.0	9-17	.0
5-21	.0	7- 9	.0	8-20	.0		
HOOVER PUMP—D-510R							
Diverted from Niobrara River—Sec. 21-31-57 W.							
6-14	0.0	7- 8	0.0	8-21	0.0	9-30	0.0
6-19	.0	7-22	.0	9- 5	.0		
6-25	.0	8- 7	.0	9-18	.0		
HOOVER CANAL—D-353							
Diverted from Lodgepole Creek—Sec. 12-14-59 W.							
5- 5	0.0	6- 3	2.0	6-30	0.0	8- 4	0.0
5-19	3.9	6- 9	1.3	7-21	.0	8-25	.0
HOPEFUL CANAL—A-2135							
Diverted from Lawrence Fork—Sec. 1-18-52 W.							
5- 3	0.0	6- 7	0.0	7-12	0.0		
5-10	.0	6-17	.0	7-26	.0		
5-28	.0	6-19	.0	8-15	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
HORN PUMP—A-3089							
Diverted from South Loup River—Sec. 32-15-21 W.							
6-26	0.0						
HORSE CREEK CANAL—D-159, D-173							
Diverted from Horse Creek—Sec. 23-1-39 W.							
10-23	0.0	6- 3	0.0	7-15	0.0	9- 9	1.7
5- 6	.0						
HOWARD CANAL—D-336							
Diverted from Lodgepole Creek—Sec. 31-14-47 W.							
4-30	0.0	6- 6	0.0	7-16	0.0	8-14	0.0
5- 7	.0	6-11	.0	7-24	.0	8-21	.0
5-15	.0	7- 5	.0	7-31	.0	9-16	.0
5-29	.0	7-10	.0	8- 6	.0	9-23	.0
HOWARD-RUTTNER CANAL—A-1645							
Diverted from Lodgepole Creek—Sec. 31-14-47 W.							
4-30	0.0						
HOYT PUMP—A-2780							
Diverted from Driftwood Creek—Sec. 24-2-31 W.							
9-16	0.0						
HOYT PUMP—A-3597							
Diverted from Driftwood Creek—Sec. 25-2-31 W.							
9-16	0.0						
HUGHES CANAL—D-987a, D-987b							
Diverted from Niobrara River—Sec. 1-28-52 W.							
11-15	0.0	6- 3	2.7	7-23	0.0	9- 4	0.0
4-29	.0	6-11	.1	8- 6	.0	9-16	.0
5-21	.0	7- 9	.0	8-20	.0		
HUNKINS PUMP—A-3806							
Diverted from Middle Loup River—Sec. 23-18-17 W.							
7-22	1.1						
ICKES CANAL—D-329							
Diverted from Lodgepole Creek—Sec. 28-14-50 W.							
5- 6	0.0	6-10	0.0	7-15	0.0	8-20	0.0
5-14	.0	6-18	.0	7-23	.0	8-28	.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
IMPERIAL POWER CANAL—A-1474							
Diverted from Frenchman River—Sec. 25-6-39 W.							
5-26	57.8						
IMUS PUMP—A-4064, A-4596							
Diverted from Beaver Creek—Sec. 16-20-6 W.							
7-29	0.0						
INDEPENDENT CANAL—D-343							
Diverted from Lodgepole Creek—Sec. 7-14-58 W.							
5- 5	0.0	6- 3	0.0	6-30	0.0	8- 4	0.0
5-19	.0	6- 9	.0	7-21	.0	8-25	.0
INMAN CANAL—D-79, A-436							
Diverted from Frenchman River—Sec. 17-6-40 W.							
Measurements made at Rating Flume							
10-29	0.0	5-19	0.0	6- 9	0.0	6-30	4.7
4-28	.0						
IODENCE PUMP—A-2838							
Diverted from Niobrara River—Sec. 26-29-48 W.							
6-10	0.0						
JAMES CANAL—A-3417							
Diverted from Soldier Creek—Sec. 5-31-53 W.							
10- 1	0.0	11-26	0.0	4-21	0.0	7-12	0.9
10-23	.0	3-27	.0	5-24	2.4	8-23	1.6
11-19	.0	4-12	.0	6-18	2.6		
JAMES PUMP—A-4732							
Diverted from Soldier Creek—Sec. 5-31-53 W.							
10- 1	0.0	11-26	0.0	4-21	0.0	7-12	1.4
10-23	.0	3-27	.0	5-24	.0	8-23	.0
11-19	.0	4-12	.0	6-18	.0		
JANSSEN CANAL—A-2231							
Diverted from Pawnee Creek—Sec. 29-13-27 W.							
8- 1	0.0	10- 1	0.0				
JASA PUMP—A-3681							
Diverted from Beaver Creek—Sec. 21-19-5 W.							
7-28	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
JENKINS CANAL—A-924							
Diverted from Buffalo Creek—Sec. 18-1-40 W.							
10- 2	0.0	6- 3	0.0	7-15	0.0	8-25	2.4
5- 6	.0	6-17	.0	8-12	.0		
JOHNSON CANAL—D-511							
Diverted from Niobrara River—Sec. 36-31-57 W.							
10-10	4.9	6-13	0.0	7-22	0.0	9-18	3.6
11-29	.0	6-19	.0	8- 7	.0	9-30	.0
5- 1	.0	6-25	.0	8-21	4.0		
5-29	.0	7- 8	.0	9- 5	2.8		
JOHNSON CANAL—A-612							
Diverted from Lodgepole Creek—Sec. 23-13-45 W.							
5- 1	0.0	6- 6	0.0	7-24	0.0	8-29	0.0
5- 7	.0	6-12	.0	7-31	.0	9- 8	.2
5-16	.0	6-26	3.0	8- 8	.0	9-17	.1
5-22	.0	7-11	.0	8-14	.0	9-23	.8
5-29	.0	7-17	.0	8-22	.0		
JOHNSON PUMP—A-4437							
Diverted from Clear Creek—Sec. 23-15-16 W.							
7- 2	0.0						
JONES CANAL—A-3392							
Diverted from Lodgepole Creek—Sec. 36-14-49 W.							
5- 6	0.0	6-10	0.0	7-15	0.0	8-21	0.0
5-14	.0	6-25	.0	7-23	.0	9- 9	.0
5-27	.0	7- 2	.0	7-29	.0	9-16	.0
6- 5	.0	7- 9	.0	8- 6	.0	9-22	.0
JORDAN, RICHARD CANAL—A-2032							
Diverted from Monroe Creek—Sec. 22-33-56 W.							
11- 9	0.9	4-18	0.8	7-16	1.2	9-25	0.0
1- 4	.0	5- 2	.2	8-13	.7		
1-23	.0	5-28	.1	8-28	.2		
4-11	.8	7- 2	.0	9-11	.0		
JORDAN, CORNELIUS CANAL—A-841							
Diverted from Monroe Creek and Jordan Reservoir—Sec. 13-33-56 W.							
11- 9	0.0	4- 4	0.0	5-28	0.0	8-13	0.0
11-16	.0	4-18	3.6	6-17	.0	8-28	.0
1- 4	.0	5- 2	.1	7- 2	.0	9-11	.0
2-19	.0	5-16	.0	7-16	.0	9-25	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
JUNGLES PUMP—A-3229							
Diverted from Mud (Beaver) Creek—Sec. 12-12-15 W.							
7-18	0.0						
KELLY CANAL—D-915							
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.							
5- 2	0.0	7- 8	0.0	8- 9	0.0	9-20	0.0
5- 7	.0	7-18	.0	8-16	.0		
6-13	.0	8- 1	.0	9-12	.0		
KELSO CANAL—A-2151, A-2279, A-2328							
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.							
Measurements made at Pump Site							
10-22	0.0	6- 5	0.0	9-19	0.0		
KENT-BURKE CANAL—A-1694							
Diverted from Pawnee Creek—Sec. 18-13-27 W.							
Measurements made at Rating Flume							
4-23	0.0	7-18	1.0	8-12	1.4		
7- 1	1.9	8- 1	.9	9-16	1.4		
KILPATRICK CANAL NO. 1—D-567							
Diverted from Snake Creek and Kilpatrick Reservoir							
Sec. 6-24-51 W.							
10-19	2.9	1-24	0.0	4-18	0.7	9-13	3.1
11- 7	.1	3- 7	.0	7-25	4.6		
KILPATRICK CANAL NO. 2—A-1159							
Diverted from Snake Creek and Kilpatrick Reservoir—Sec. 6-24-51 W.							
10-19	3.6	1-24	0.4	4-18	4.8	9-13	3.1
11- 7	3.2	3- 7	3.1	7-25	.0		
KING CANAL, EAST—A-1587							
Diverted from Lawrence Fork—Sec. 15-18-52 W.							
5- 3	0.0	6- 7	0.0	7-12	0.0		
5-10	.0	6-17	.0	7-26	.0		
5-28	.0	6-19	.0	8-15	.0		
KING CANAL, WEST—A-1440							
Diverted from Lawrence Fork—Sec. 15-18-52 W.							
5- 3	0.0	6- 7	0.0	7-12	0.0		
5-10	.0	6-17	.0	7-26	.0		
5-28	.0	6-19	.0	8-15	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
KINNIER PUMP—A-2617							
Diverted from Cedar River—Sec. 28-20-9 W.							
7-9	0.0						
KITE CANAL—A-1375, A-1469, A-1470							
Diverted from Monroe Creek and Jordan Reservoir Sec. 13-33-56 W.							
11-9	0.0	4-11	0.1	6-17	0.0	9-11	0.0
11-16	4.3	4-18	.1	7-2	2.5	9-25	.0
1-4	.0	5-2	.1	7-16	.0		
2-19	.0	5-16	.0	8-13	.0		
4-4	.0	5-28	.0	8-28	.0		
KOEPPEN PUMP—A-4168							
Diverted from Beaver Creek—Sec. 6-19-5 W.							
7-29	0.0						
KOHL'S PUMP—A-3829							
Diverted from Clear Creek—Sec. 4-14-16 W.							
7-2	0.0						
KOHL'S PUMP—A-3625, A-4016							
Diverted from Mud (Beaver) Creek—Sec. 1-13-16 W.							
7-18	0.0						
KOLOUCH PUMP—A-2041							
Diverted from Lost Creek—Sec. 28-17-3 E.							
7-31	1.7						
KRICHAU PUMP—A-3552							
Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W.							
7-18	0.0						
KRIVOHLAVEK PUMP—A-2918							
Diverted from Shell Creek—Sec. 35-18-3 E.							
7-30	1.6						
KROTTER CANAL—A-1021							
Diverted from Frenchman River—Sec. 35-5-34 W.							
5-2	0.0	7-17	16.0	9-2	10.7		
6-10	11.3	7-23	14.0	9-27	14.7		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
KRUEGER CANAL NO. 1—D-325							
Diverted from Lodgepole Creek—Sec. 29-14-48 W.							
4-30	4.7	6-5	0.0	7-15	0.0	8-29	0.0
5-6	6.0	6-11	.0	7-23	.0	9-9	1.7
5-14	.0	6-25	.0	7-29	.0	9-16	.0
5-22	.0	7-2	.9	8-6	.0	9-22	1.8
5-27	.0	7-9	.0	8-21	.0		
KRUEGER CANAL NO. 2—D-324							
Diverted from Lodgepole Creek—Sec. 32-14-48 W.							
4-30	0.0	6-5	0.0	7-15	0.0	8-21	1.2
5-6	.0	6-11	.0	7-23	.0	8-29	2.2
5-14	.0	6-25	2.7	7-29	2.0	9-16	.0
5-22	.0	7-2	.0	8-6	.7	9-22	.0
5-27	.0	7-9	.0	8-14	1.5		
KRUEGER CANAL NO. 3—D-323							
Diverted from Lodgepole Creek—Sec. 32-14-48 W.							
4-30	0.0	6-5	0.0	7-15	0.0	9-9	1.1
5-6	.0	6-11	.0	7-23	.0	9-16	.0
5-14	.0	6-25	.0	7-29	.0	9-22	.0
5-22	.0	7-2	.0	8-6	1.0		
5-27	.0	7-9	.0	8-21	.0		
KUSEK PUMP—A-4292							
Diverted from Clear Creek—Sec. 17-15-16 W.							
7-2	0.0						
KUSEL-SPEARMAN CANAL—A-677							
Diverted from Little Cottonwood Creek—Sec. 8-32-51 W.							
6-2	0.0						
LABELLE CANAL—D-518, A-60							
Diverted from Niobrara River—Sec. C-28-54 W.							
10-9	0.0	6-3	5.3	7-22	0.0	9-4	0.0
11-15	.0	6-12	.0	8-7	.0	9-17	.0
5-14	8.6	7-8	7.5	8-20	.0		
LAING CANAL—D-825							
Diverted from Lawrence Fork—Sec. 28-18-52 W.							
5-3	0.0	6-7	1.8	7-12	0.0	9-15	0.0
5-10	.0	6-17	.8	7-26	.0		
5-28	.0	6-19	1.1	8-15	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
LAKOTAH CANAL—D-554							
Diverted from Niobrara River—Sec. 1-30-57 W.							
10-10	0.0	6-13	5.8	7-22	2.4	9-18	0.0
11-29	.0	6-19	2.9	8- 7	3.3	9-30	.0
5- 1	9.8	6-25	5.6	8-21	.0		
5-29	5.5	7- 8	4.3	9- 5	.0		
LAMB PUMP—A-4621							
Diverted from Wiggle Creek—Sec. 3-15-23 W.							
6-26	0.0						
LANG PUMP—A-2698, A-3401							
Diverted from Republican River—Sec. 14-3-27 W.							
10-11	0.0						
LARSON PUMP—A-3751							
Diverted from Mud (Beaver) Creek—Sec. 28-13-15 W.							
7-18	0.0						
LARSON, L. M. PUMP—A-3750							
Diverted from Mud (Beaver) Creek—Sec. 33-13-15 W.							
7-18	0.0						
LARSON PUMP—A-1898							
Diverted from Muddy Creek—Sec. 17-4-23 W.							
7-24	0.0						
LAUGHRAN-BELL CANAL—D-217							
Diverted from Victoria Creek—Sec. 3-19-21 W.							
5- 7	0.0	6-25	0.0				
LEONARD PUMP—A-3669							
Diverted from Middle Loup River—Sec. 10-19-18 W.							
7-23	0.0						
LEUI PUMP—A-4230							
Diverted from Wagner Creek—Sec. 11-18-17 W.							
7-22	0.0						
LEUI PUMP—A-2935							
Diverted from Wagner Creek—Sec. 3-18-17 W.							
7-22	2.2						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
LIBBY CANAL—D-312							
Diverted from Lodgepole Creek—Sec. 36-14-47 W.							
5- 1	0.0	6-11	0.0	7-31	0.0	9-17	0.0
5- 7	.0	7- 5	.0	8- 6	.0	9-23	.6
5-15	.0	7-10	.6	8-14	.0		
5-29	.0	7-16	.0	8-21	.0		
6- 6	.0	7-24	.0	9- 8	.0		
LIBBY CANAL—D-314							
Diverted from Lodgepole Creek—Sec. 36-14-47 W.							
5- 1	0.0	6-11	0.0	7-31	0.0	9-17	0.0
5- 7	.0	7- 5	.0	8- 6	.0	9-23	.0
5-15	.0	7-10	.0	8-14	.0		
5-29	.0	7-16	.0	8-21	.0		
6- 6	.0	7-24	.3	9- 8	.0		
LIBBY CANAL—D-315							
Diverted from Lodgepole Creek—Sec. 36-14-47 W.							
5- 1	0.0	6-11	0.0	7-31	0.0	9-17	0.0
5- 7	.0	7- 5	.0	8- 6	.0	9-23	.0
5-15	.0	7-10	.0	8-14	.0		
5-29	.0	7-16	.0	8-21	.0		
6- 6	.0	7-24	.0	9- 8	.0		
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.							
11-30	0.0	5-26	6.9	7-29	0.9	9- 3	0.0
4- 9	.0	6-10	5.1	8- 5	.9	9- 9	.0
5- 6	.0	6-23	.0	8-12	.8	9-16	4.3
5-13	6.7	7-10	2.0	8-19	.4	9-24	5.5
5-20	6.9	7-24	1.0	8-26	.0		
LIENEMAN PUMP—A-4819							
Diverted from Beaver Creek—Sec. 31-2-24 W.							
7-24	0.0						
LOCKHART PUMP—A-4164							
Diverted from Cedar River—Sec. 31-21-11 W.							
7- 9	0.0						
LOGAN PUMP—A-3038							
Diverted from White River—Sec. 30-33-49 W.							
8-25	0.0	9- 8	0.0	9-15	0.0	9-29	0.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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.							
5- 2	2.6	6-13	0.0	7-18	0.0	9-12	1.8
5- 8	3.5	6-23	2.7	8- 1	.0		
5-23	.0	7- 8	.0	8-16	.0		
LONG PUMP—A-277							
Diverted from Beaver Creek—Sec. 14-17-4 W.							
7-28	0.0						
LORD PUMP—A-4788							
Diverted from Beaver Creek—Sec. 8-1-27 W.							
7- 8	0.0						
LOWERY PUMP—A-3027							
Diverted from Cedar River—Sec. 21-24-14 W.							
7- 9	0.0						
LOWRY PUMP—A-2026							
Diverted from Clear Creek—Sec. 1-15-17 W.							
7- 2	0.0						
LUTHER PUMP—A-2794							
Diverted from Mud (Beaver) Creek—Sec. 25-15-18 W.							
9- 3	0.0						
LYNGHOLM CANAL—D-337							
Diverted from Lodgepole Creek—Sec. 14-14-51 W.							
5- 6	0.0	6-18	0.0	7-23	0.0	8-28	0.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		
6-10	.0	7-15	.0	8-20	.0		
McAULIFFE CANAL—D-814							
Diverted from Lodgepole Creek—Sec. 21-13-45 W.							
5- 1	0.0	5-29	0.0	7-11	0.0	8- 8	0.0
5- 7	.0	6- 6	.0	7-17	.0	8-22	.0
5-16	.0	6-11	.0	7-24	.0		
McAULIFFE CANAL—A-1559							
Diverted from Lodgepole Creek—Sec. 21-13-45 W.							
5- 1	0.0	5-29	0.0	7-11	0.0	8- 8	0.0
5- 7	.0	6- 6	.0	7-17	.0	8-22	.0
5-16	.0	6-11	.0	7-24	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
McCARTHY CANAL—D-749							
Diverted from White Tail Creek—Sec. 36-15-38 W.							
5- 8	0.2	6-30	1.6	8-28	0.7	9-26	1.2
5-22	1.0	7-16	.4	9- 5	.9		
6- 5	1.8	7-23	1.5	9-12	1.1		
6-20	.2	8-21	.8	9-19	.8		
McFADDEN PUMP—A-3677, A-3801							
Diverted from Mud (Beaver) Creek—Sec. 35-14-16 W.							
7-18	0.0						
McFADDEN PUMP—A-3369							
Diverted from Mud (Beaver) Creek—Sec. 12-13-16 W.							
7-18	0.0						
McFARLAND CANAL—D-960							
Diverted from White Clay Creek—Sec. 35-32-52 W.							
Measurements made at 2-foot weir							
11-13	0.0	5-19	1.1	6-16	0.0		
4-28	.0	5-31	2.2	7-28	.2		
5- 5	.0	6- 9	1.6	8- 8	.5		
McGINLEY-STOVER CANAL, UPPER—D-521							
Diverted from Niobrara River—Sec. 23-29-56 W.							
10- 9	0.0	6-13	0.0				
McGINLEY-STOVER CANAL, NORTH—D-513a							
Diverted from Niobrara River—Sec. 25-29-56 W.							
10- 2	0.0	6-13	5.4	7-22	6.5	9-17	5.2
10- 9	.0	6-19	7.0	8- 7	5.8	9-30	3.0
11-29	.0	6-25	7.0	8-20	.0		
5-14	.0	7- 8	8.8	9- 4	5.4		
McGINLEY-STOVER CANAL, SOUTH—D-513b							
Diverted from Niobrara River—Sec. 25-29-56 W.							
10- 2	0.0	6-13	0.0	7-22	0.0	9-17	0.0
10- 9	.0	6-19	.1	8- 7	.0	9-30	.0
11-29	.0	6-25	.0	8-20	.0		
5-14	.0	7- 8	.0	9- 4	.0		
McGRAW PUMP—A-2398							
Diverted from Victoria Creek—Sec. 6-19-20 W.							
5- 7	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
McHATTON PUMP—A-3560							
Diverted from Lodgepole Creek—Sec. 7-13-45 W.							
5- 7	0.0	6- 6	0.0	7-17	0.0		
5-16	.0	6-12	.0	7-24	.0		
5-22	.0	7-11	.0	8- 8	.0		
McKEON PUMP—A-3895							
Diverted from Mud (Beaver) Creek—Sec. 3-12-15 W.							
7-18	0.0						
McKINNEY PUMP—A-3807, A-3390							
Diverted from Cedar River—Sec. 30-19-7 W.							
7- 9	0.0						
McLAIN CANAL—D-65							
Diverted from Stinking Water Creek—Sec. 28-7-37 W.							
6-10	0.0						
McLAUGHLIN CANAL—D-566							
Diverted from Niobrara River—Sec. 9-28-52 W.							
11-15	0.0	6- 3	7.6	7-23	8.2	9- 4	6.2
4-29	10.3	6-12	2.8	8- 6	4.7	9-17	1.6
5-21	2.3	7- 9	5.8	8-20	3.3		
McLAUGHLIN CANAL—D-966							
Diverted from Lodgepole Creek—Sec. 25-14-48 W.							
4-30	0.0	6- 5	0.0	7-16	0.0	8-21	0.0
5- 7	.0	6-11	.0	7-23	.0	9-16	.0
5-15	.0	7- 2	.0	7-31	.0	9-23	.0
5-29	.0	7-10	.0	8- 6	.0		
McMANIGAL PUMP—A-4155							
Diverted from Cedar River—Sec. 26-18-7 W.							
7-10	0.0						
McNEIL PUMP—A-3494							
Diverted from Mud (Beaver) Creek—Sec. 29-13-15 W.							
7-18	0.0						
MACE CANAL—D-428							
Diverted from West Ash Creek—Sec. 2-31-51 W.							
7- 7	0.0	8- 4	0.0				
MALANDER PUMP—A-4339							
Diverted from Cedar River—Sec. 12-17-7 W.							
7-10	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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.							
6-10	0.0						
MALTESE CROSS CANAL—A-454							
Diverted from Lodgepole Creek—Sec. 36-15-57 W.							
5- 5	0.0	6- 3	0.0	6-30	0.0	8- 4	0.0
5-13	.0	6- 9	.0	7- 7	.0	8-11	.0
5-19	.0	6-16	.0	7-14	.0	8-25	.0
5-26	.0	6-24	.0	7-21	.0		
MANSFIELD PUMP—A-2840							
Diverted from Beaver Creek—Sec. 36-20-6 W.							
7-29	0.0						
MARANVILLE CANAL—D-70, D-71							
Diverted from Frenchman River—Sec. 12-6-41 W.							
10-29	0.2	4-28	0.0	6- 9	0.0	7-10	2.9
MARTENS PUMP—A-2801							
Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.							
Measurements made at Pump Site							
7-18	0.0	9- 2	0.0				
MAY PUMP—A-2045							
Diverted from Wiggle Creek—Sec. 3-15-23 W.							
6-25	0.0						
MEGLEMRE CANAL—A-294, A-853							
Diverted from Greenwood Creek—Sec. 3-18-50 W.							
5- 1	0.0	6- 4	0.0	7-19	1.1	8-15	1.6
5-10	.0	6-17	1.7	7-30	1.4	9-17	1.6
5-24	.0	7- 1	1.3	8- 8	1.8		
METTLEN CANAL—A-292, A-1248, 2244							
Diverted from Niobrara River—Sec. 4-28-54 W.							
11-15	0.0	5-21	2.1	7- 9	0.1	8-20	0.0
4-29	8.6	6- 3	.0	7-23	.0	9- 4	.0
5-14	2.0	6-12	4.9	8- 7	.0	9-17	3.7
MEYER PUMP—A-4066							
Diverted from Republican River—Sec. 34-1-7 W.							
7-31	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
MEYERS PUMP—A-1042							
Diverted from Red Willow Creek—Sec. 8-3-28 W.							
5-23	0.0	8-22	2.0				
MEYERS PUMP—A-3240							
Diverted from Republican River—Sec. 34-1-7 W.							
5- 8	0.0	7-31	4.9				
MILLER PUMP—A-3936							
Diverted from Beaver Creek—Sec. 8-20-6 W.							
7-29	0.0						
MITCHELL CANAL—D-304, A-3526							
Diverted from Lodgepole Creek—Sec. 8-14-51 W.							
5- 6	0.0	6-18	0.0	7-23	0.0	8-28	0.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		
6-10	.0	7-15	.0	8-20	.0		
MONROE CANAL, BIG—D-506, A-2372							
Diverted from Monroe Creek—Sec. 33-33-56 W.							
11- 9	0.0	3-25	1.1	5-16	1.7	7-16	0.1
11-16	.0	4- 4	.9	5-28	1.9	8-13	.0
1- 4	.0	4-11	1.4	6- 4	3.0	8-28	.0
1-23	.0	4-18	1.5	6-17	.8	9-11	.0
2-19	.0	5- 2	1.4	7- 2	.1	9-25	.0
MONTAGUE CANAL—A-575							
Diverted from Niobrara River—Sec. 27-29-48 W.							
11-30	0.0	5-26	0.2	7-29	0.7	9- 3	0.0
4- 9	.0	6-10	.8	8- 5	.6	9- 9	.0
5- 6	.0	6-23	.0	8-12	.2	9-16	.0
5-13	.5	7-10	2.4	8-19	.0	9-24	.0
5-20	.3	7-24	.9	8-26	.0		
MONTAGUE CANAL PUMP—A-2266							
Diverted from Niobrara River—Sec. 28-29-48 W.							
4- 9	0.0	6-10	0.0	8-12	0.0	9-16	0.0
5- 6	.0	7-10	.0	8-19	.0	9-24	.0
5-13	.0	7-24	1.1	8-26	.0		
5-20	.0	7-29	1.1	9- 3	.0		
5-26	.0	8- 5	1.1	9- 9	.0		
MONTER PUMP—A-2042							
Diverted from Muddy Creek—Sec. 15-4-23 W.							
7-24	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

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.							
11-15	0.0	6- 3	5.5	7-23	0.0	9- 4	0.0
4-29	.0	6-12	2.8	8- 6	.0	9-17	.0
5-21	6.1	7- 9	3.4	8-20	.0		
MORRIS PUMP—A-3232							
Diverted from Mud (Beaver) Creek—Sec. 9-15-18 W.							
9- 3	0.0						
MORRIS PUMP—A-2920							
Diverted from Beaver Creek—Sec. 11-1-26 W.							
10-11	0.0	7- 8	2.2				
MORTENSEN PUMP—A-3119							
Diverted from Mud (Beaver) Creek—Sec. 34-13-15 W.							
7-18	0.0						
MOZETER CANAL—D-1014							
Diverted from Spring Creek—Sec. 13-32-52 W.							
3-27	0.0	8-18	0.0				
MUHLBACH PUMP—A-3407							
Diverted from Mud (Beaver) Creek—Sec. 12-12-15 W.							
7-18	0.0						
MUTUAL CANAL—D-843							
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.							
5- 2	0.0	6-20	7.8	8- 1	0.0	9-12	0.0
5- 9	.0	6-23	.0	8- 9	.0	9-19	2.9
5-23	.0	7- 8	.0	8-16	1.8		
6-13	9.2	7-18	.0	8-23	2.8		
MYERS PUMP—A-2779							
Diverted from Beaver Creek—Sec. 1-20-7 W.							
7-29	0.0						
NASLUND CANAL—A-661							
Diverted from Lodgepole Creek—Sec. 1-12-45 W.							
5- 1	0.0	6- 6	0.0	7-31	0.0	9- 8	2.0
5- 7	.0	6-12	.0	8- 8	.0	9-17	2.2
5-16	7.2	7-11	.0	8-14	.0	9-23	2.3
5-22	.0	7-17	.0	8-22	1.7		
5-29	.0	7-24	.0	8-29	2.5		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
NELSON PUMP—A-1927							
Diverted from Curtis Creek—Sec. 36-8-28 W.							
7-18	0.0						
NELSON CANAL—D-845							
Diverted from Greenwood Creek—Sec. 33-18-50 W.							
5- 9	0.0	6-17	4.3	7-30	5.4	9-17	3.9
5-24	6.9	7- 1	.0	8- 8	4.5		
6- 4	4.3	7-19	4.6	8-15	5.7		
NELSON PUMP—A-3249							
Diverted from Mud (Beaver) Creek—Sec. 36-16-19 W.							
9- 3	0.0						
NEUMAN CANAL—A-611, A-1445							
Diverted from Lodgepole Creek—Sec. 26-13-45 W.							
5- 1	0.0	5-22	0.0	7-11	0.0	8- 8	0.0
5- 7	.0	6- 6	.0	7-17	.0	8-22	.0
5-16	.0	6-12	.0	7-24	.0		
NEUMAN CANALS NO. 1 and 2—A-565							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
5- 7	0.0	5-22	0.0	7-11	0.0	7-24	0.0
5-16	.0	6-12	.0	7-17	.0	8- 8	.0
NEWTON CANAL—A-2263, A-2863, A-2927							
Diverted from North Loup River—Sec. 35-23-21 W.							
6-11	0.0						
NIEHUS CANAL—A-550							
Diverted from Lawrence Fork—Sec. 11-18-52 W.							
5- 3	0.0	6- 7	0.0	6-23	0.8	7-26	0.9
5-10	.0	6-17	.0	7- 5	.9	8-15	.7
5-28	.0	6-19	.0	7-12	.9	9-15	1.0
NILSEN PUMP—A-3723							
Diverted from Mud (Beaver) Creek—Sec. 13-13-16 W.							
7-18	0.0						
NORMAN CANAL—A-1952							
Diverted from Indian Creek—Sec. 16-32-50 W.							
6-24	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
NORMAN SUPPLY CANAL—A-1953							
Diverted from Indian Creek—Sec. 28-32-50 W.							
10- 8	0.0	5-19	0.0	7- 7	0.0	9-22	0.0
11- 8	1.7	6- 2	.0	7-21	.0		
1-31	2.2	6-24	.0	8- 4	.0		
OBERFELDER CANAL—D-306							
Diverted from Lodgepole Creek—Sec. 31-14-46 W.							
5- 7	0.0	6- 6	0.0	7-10	0.0	8- 6	0.0
5-15	.0	6-11	.0	7-16	.0	8-21	.0
5-29	.0	7- 5	.0	7-24	.0		
OBERFELDER CANAL—D-307							
Diverted from Springs—Sec. 31-14-46 W.							
5- 7	0.0	6- 6	0.0	7-10	0.0	8- 6	0.0
5-15	.0	6-11	.0	7-16	.0	8-21	.0
5-29	.0	7- 5	.0	7-24	.0		
OBERFELDER CANAL—D-333							
Diverted from Lodgepole Creek—Sec. 31-14-46 W.							
5- 7	0.0	6- 6	0.0	7-10	0.0	8- 6	0.0
5-15	.0	6-11	.0	7-16	.0	8-21	.0
5-29	.1	7- 5	.0	7-24	.0		
OBERG PUMP—A-4488							
Diverted from Lost Creek—Sec. 21-17-2 E.							
7-31	0.5						
O'DONNELL CANAL—A-432, A-2036							
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.							
10-22	0.0	7-18	0.0	9- 2	0.0		
OEHLRICH PUMP—A-3018							
Diverted from Lost Creek—Sec. 20-17-2 E.							
7-31	0.9						
OHLSON PUMP—A-2926							
Diverted from Beaver Creek—Sec. 4-21-7 W.							
7-29	0.0						
OHMSTEAD CANAL—A-3952							
Diverted from Ohmstead Reservoir—Sec. 17-1-9 W.							
6-26	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
OHMSTEDE-BURR PUMP—A-4080							
Diverted from Republican River—Sec. 10-1-9 W.							
6-26	0.0	8-20	0.0				
OLIVER PUMP—A-1285							
Diverted from Frenchman River—Sec. 7-5-35 W.							
6-10	0.0						
OLSON PUMP—A-2835							
Diverted from Beaver Creek—Sec. 15-17-4 W.							
7-28	0.0						
OX YOKE CANAL—D-477R							
Diverted from East Ash Creek—Sec. 29-32-50 W.							
10-25	0.0	6- 2	0.0	7-21	0.0		
11- 8	.0	6-24	.0	8- 4	.0		
5-19	.0	7- 7	.0	9-22	.0		
PAALMAN PUMP—A-3660							
Diverted from Cedar River—Sec. 22-18-7 W.							
7-10	0.0						
PACKER PUMP—A-4031							
Diverted from Clear Creek—Sec. 7-15-16 W.							
7- 2	1.0						
PANTENBURG CANAL—A-2113							
Diverted from Lodgepole Creek—Sec. 34-14-48 W.							
4-30	0.0	6- 5	0.0	7-16	0.0	9-16	0.0
5- 7	.0	6-11	.0	7-24	.0		
5-15	.0	7- 2	.0	7-31	.0		
5-29	.0	7-10	.0	8- 6	.0		
PARKS CANAL—A-1202, A-1444, A-1555							
Diverted from Republican River—Sec. 20-1-39 W.							
10- 2	0.0	5-20	0.0	7-15	0.2		
10-23	.0	6-17	.0	9- 9	.5		
5- 6	.0	7- 1	.0	9-23	.7		
PEETZ PUMP—A-2909							
Diverted from Lodgepole Creek—Sec. 35-14-49 W.							
4-29	0.0	6-10	0.0	7-23	0.0	9-16	0.0
5- 6	.0	6-25	.0	7-29	.0	9-22	.0
5-14	.0	7- 2	.0	8- 6	.0		
5-27	.0	7- 9	.0	8-20	.0		
6- 5	.0	7-15	.0	9- 9	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
PERKINS CANAL—A-1994							
Diverted from South Loup River—Sec. 25-17-25 W.							
6-25	0.0						
PERRY PUMP—A-2620							
Diverted from Mud (Beaver) Creek—Sec. 3-12-15 W.							
7-18	0.0						
PERSINGER CANAL—D-297							
Diverted from Lodgepole Creek—Sec. 33-14-46 W.							
5- 1	0.0	6- 6	0.0	7-24	4.3	8-29	0.1
5- 7	.0	6-11	.0	7-31	.3	9- 8	1.0
5-15	.5	7- 5	.0	8- 6	.1	9-17	.0
5-22	.0	7-10	.4	8-14	.0	9-23	.2
5-29	.0	7-16	.0	8-21	.0		
PETERS CANAL—D-913							
Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.							
5- 2	0.0	6-13	0.0	7-18	1.8	9-12	0.4
5- 8	.0	6-23	3.2	8- 1	1.2		
5-23	.0	7- 8	.5	8-16	.6		
PETERSON CANAL—A-2006							
Diverted from Lodgepole Creek—Sec. 26-13-45 W.							
5- 1	0.0	5-16	0.0	7-11	0.0	7-24	0.0
5- 7	.0	6- 6	.0	7-17	.0	8- 8	.0
PETERSON PUMP—A-2471							
Diverted from Beaver Creek—Sec. 18-18-4 W.							
7-28	0.0						
PETERSON PUMP—A-2554							
Diverted from Beaver Creek—Sec. 2-18-5 W.							
7-28	0.0						
PHELAN CANAL—D-138							
Diverted from Rock Creek—Sec. 17-1-39 W.							
10- 2	0.0	6- 3	0.0	9- 9	0.0		
PIONEER CANAL—D-442a, A-3812, A-4599, A-4955							
Diverted from Niobrara River—Sec. 36-29-51 W.							
10- 3	0.0	11-30	0.0	6-26	0.0	9- 3	0.0
11- 7	.0	5-13	9.5	7- 9	11.9	9-16	6.2
11-14	.0	5-20	.0	7-23	3.5		
11-20	.0	5-26	.0	8- 5	9.4		
11-26	.0	6-11	.0	8-19	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
PIONEER CANAL—D-287							
Diverted from Mud (Beaver) Creek—Sec. 22-20-6 W.							
7-29	0.0						
PLUNKETT CANAL—A-2070							
Storage from Plunkett Reservoir—A-2031							
Diverted from Prairie Dog Creek—Sec. 25-33-56 W.							
6-17	0.0	8-28	0.0				
PLUNKETT RESERVOIR CANAL—A-2031							
Diverted from Prairie Dog Creek—Sec. 25-33-57 W.							
6-17	0.0	8-28	0.0				
POTMESIL CANAL—A-2566							
Diverted from Niobrara River—Sec. 26-29-48 W.							
11-14	0.0	6-10	7.7	7-31	0.0	9- 9	4.0
11-30	.0	6-23	.0	8- 5	2.6	9-16	3.8
5- 6	.8	7- 3	2.6	8-12	4.2	9-24	3.4
5-13	7.9	7-10	2.0	8-19	1.9		
5-20	10.5	7-24	1.1	8-26	3.6		
5-26	15.2	7-29	.1	9- 3	4.2		
PREMIER CANAL—D-340							
Diverted from Lodgepole Creek—Sec. 3-14-58 W.							
5- 5	0.0	6- 3	0.0	6-30	0.0	8- 4	0.0
5-19	.0	6- 9	.0	7-21	.0	8-25	.0
PRIVATE CANAL—D-335							
Diverted from Springs—Sec. 14-13-51 W.							
5-21	0.0	6-18	0.0	7-23	0.0	9- 9	0.0
5-27	.0	6-27	.0	8- 5	.0		
6- 5	.0	7- 2	.0	8-12	.0		
6-10	.0	7-15	.0	8-28	.0		
PURSELL PUMP—A-4364							
Diverted from Medicine Creek—Sec. 1-7-28 W.							
7-18	0.0						
QUAIL PUMP—A-4682							
Diverted from Mud (Beaver) Creek—Sec. 28-13-15 W.							
7-18	0.0						
QUICK PUMP—A-3082							
Diverted from Red Willow Creek—Sec. 31-5-29 W.							
7-18	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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- 2	0.0	6-13	0.0	7-18	0.0	8-16	0.0
5- 9	.0	6-23	.0	8- 1	.0	9-12	.0
5-23	.0	7- 8	.0	8- 9	.0	9-19	.0
RALTON CANAL—A-882							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
5- 7	0.0	6- 6	0.0	7-11	0.0	7-24	0.0
5-16	.0	6-12	.0	7-17	.0	8- 8	.0
RALTON SYSTEM CANAL PUMP—A-847							
Diverted from Lodgepole Creek—Sec. 12-12-45 W.							
5-16	0.0	7-11	0.0	7-24	0.0		
6-12	.0	7-17	.0	8- 8	.0		
RANDALL CANAL—A-1100							
Diverted from Lawrence Fork—Sec. 21-18-52 W.							
5- 3	0.0	6-17	5.3	6-23	1.4	9-15	1.9
5-10	.0	6-19	4.6	7-12	2.1		
5-28	6.4	6-19	3.6	7-26	1.8		
6- 7	4.6	6-20	1.7	8-15	1.8		
RASHER CANAL—D-467, A-456, A-534							
Diverted from White River—Sec. 19-32-51 W.							
10-24	0.0	11-24	0.0	6- 9	0.0	8-11	3.7
10-30	.0	11-27	.0	6-16	.0	8-25	.1
11-10	.0	4-28	.0	6-30	.0	9- 8	.1
11-13	.0	5-19	.0	7-14	5.6	9-15	5.7
11-17	.0	5-27	.0	7-28	.0	9-27	1.0
RASSER CANAL—A-2357, A-2917							
Diverted from Elm Creek—Sec. 3-1-10 W.							
6- 5	0.0						
RAVENNA CITY PUMP—A-3415							
Diverted from Mud (Beaver) Creek—Sec. 8-12-14 W.							
7-18	0.0						
REICH PUMP—A-4433							
Diverted from Beaver Creek—Sec. 16-20-6 W.							
7-29	0.0						
REINERTSON, TOBIAS PUMP—A-4138							
Diverted from Mud (Beaver) Creek—Sec. 19-13-15 W.							
7-18	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
REINERTSON, CONRAD PUMP—A-4017							
Diverted from Mud (Beaver) Creek—Sec. 19-13-15 W.							
7-18	0.0						
REINERTSON, RICHARD A. PUMP—A-3743							
Diverted from Mud (Beaver) Creek—Sec. 4-12-15 W.							
7-18	0.0						
RIVERSIDE PUMP—A-2698, A-3401							
Diverted from Republican River—Sec. 14-3-27 W.							
5-23	0.0						
RIVERSIDE CANAL—D-18, A-1674							
Diverted from Frenchman River—Sec. 33-4-32 W.							
5- 2	0.0	6- 3	11.1	7-17	10.2		
5-15	.0	6-10	11.0	8-13	9.8		
5-27	.0	6-28	9.7	9-27	9.3		
ROBINSON AND WILKE PUMP—A-2464							
Diverted from Mud (Beaver) Creek—Sec. 4-12-15 W.							
7-18	0.0						
ROBINSON, CATHERINE PUMP—A-3389							
Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.							
7-18	0.0						
RODGERS CANAL—A-3777, A-3863							
Diverted from Pumpkinseed Creek—Sec. 9-19-54 W.							
5- 2	0.0	6-20	1.6	8- 1	0.0	9-20	0.0
5- 9	.0	6-23	1.3	8- 9	.0		
5-28	.0	7- 8	.0	8-16	.0		
6-13	.0	7-18	.0	9-12	.0		
ROUND HOUSE ROCK CANAL—D-884							
Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.							
5- 2	0.0	6-13	0.0	8- 1	0.0	9-12	0.0
5- 9	.0	7- 8	.0	8- 9	.0	9-19	.0
5-23	.0	7-18	.0	8-16	.0		
RUGGLES PUMP—A-1964							
Diverted from Red Willow Creek—Sec. 16-3-28 W.							
5-23	0.0						
RUMSTICK PUMP—A-3649							
Diverted from Beaver Creek—Sec. 26-20-6 W.							
7-29	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
RUNCK PUMP—A-2029							
Diverted from Republican River—Sec. 22-3-20 W.							
7-30	2.2						
RUNGE CANAL NO. 1—D-339							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
4-29	2.7	6-10	2.8	7-23	1.2	9- 9	0.0
5- 6	2.6	6-18	.0	7-29	1.6	9-15	1.0
5-14	2.6	6-27	2.3	8- 5	.4	9-22	1.3
5-21	.0	7- 2	2.3	8-12	.4	9-30	.3
5-27	.0	7- 9	1.7	8-20	.0		
6- 5	2.8	7-15	2.0	8-28	.0		
RUNGE CANAL NO. 2—D-338							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
4-29	0.0	6- 5	0.0	7- 9	0.0	8-28	0.5
5- 6	.0	6-10	.0	7-23	.0	9- 9	.0
5-14	.0	6-18	2.1	7-29	.0		
5-21	.0	6-27	.0	8- 5	.0		
5-27	.0	7- 2	.0	8-12	.0		
RUNGE PUMP—A-3363							
Diverted from Lodgepole Creek—Sec. 20-14-50 W.							
4-29	0.0	6-18	2.6	7-29	0.0	9-15	0.0
5- 6	.0	6-27	.0	8- 5	1.4	9-22	.0
5-21	.0	7- 2	.0	8-12	2.1	9-30	.0
5-27	.0	7- 9	.0	8-20	2.8		
6- 5	.0	7-15	2.0	8-28	.0		
6-10	.0	7-23	.0	9- 9	.0		
RUSSELL PUMP—A-3319							
Diverted from Brushy Creek—Sec. 33-8-29 W.							
7-18	0.0						
RUSSELL CANAL—A-3477							
Diverted from Blackwood Creek—Sec. 6-4-31 W.							
5-27	0.4	8-29	45.7				
RUTTNER CANAL—A-906							
Diverted from Lodgepole Creek—Sec. 30-14-47 W.							
4-30	0.0	6- 6	0.0	7-16	0.0	8-14	0.0
5- 7	.0	6-11	.0	7-24	.0	8-21	.0
5-15	3.8	7- 5	.0	7-31	.0	9-16	.0
5-29	.0	7-10	.0	8- 6	.0	9-23	.0

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SCHILT-CEDAR CREEK CANAL—D-507							
Diverted from Cedar Creek—Sec. 35-33-56 W.							
11-16	0.0	11-28	0.2	8-28	0.0		
SCHILT-MONROE CANAL—D-509							
Diverted from Monroe Creek—Sec. 27-33-56 W.							
11- 9	0.0	4-18	0.0	6-17	0.0	9-11	0.0
1- 4	.0	5- 2	.0	7- 2	.0	9-25	.0
2-19	.0	5-16	.0	7-16	.4		
4- 4	.0	5-28	.0	8-13	.0		
4-11	.0	6- 4	.0	8-28	.0		
SCHILT-PRAIRIE DOG CANAL—D-508							
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.							
11-28	0.2	6-17	0.0	8-28	0.0		
SCHMELZER PUMP—A-3315							
Diverted from Medicine Creek—Sec. 8-8-29 W.							
7-18	0.0						
SCHMITZ PUMP—A-1287							
Diverted from Driftwood Creek—Sec. 12-2-30 W.							
9-16	0.0						
SCHULZ PUMP—A-3205							
Diverted from Mud (Beaver) Creek—Sec. 7-12-14 W.							
7-18	0.0						
SCHNELL CANAL—A-3588							
Diverted from Pumpkinseed Creek—Sec. 1-19-56 W.							
5- 2	0.0	6-13	0.8	7-18	1.4	9-12	0.0
5- 8	3.5	6-23	1.1	8- 1	1.4		
5-23	.0	7- 8	.7	8-16	1.6		
SCHUMACHER PUMP—A-4720							
Diverted from White River—Sec. 19-33-49 W.							
8-11	1.0	9- 8	0.0	9-29	0.0		
8-25	1.0	9-15	.0				
SALLACH PUMP—A-3805							
Diverted from Beaver Creek—Sec. 35-21-7 W.							
7-29	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SANDERS PUMP—A-2973							
Diverted from Mud Creek—Sec. 1-13-16 W.							
7-18	0.0						
SCOTT PUMP—A-2887							
Diverted from Cedar River—Sec. 1-17-7 W.							
7-10	0.0						
SCOTT PUMP—A-4055							
Diverted from Cedar River—Sec. 1-17-7 W.							
7-10	0.0						
SCOTT CANAL, NORTH—A-711							
Diverted from Pumpkinseed Creek and Scott Reservoir Sec. 7-19-55 W.							
5- 2	0.0	6-13	0.0	8- 1	0.0		
5- 8	.0	6-23	.0	8-16	.0		
5-23	.0	7-18	.0	9-12	.0		
SCOTT CANAL, SOUTH—A-711							
Diverted from Pumpkinseed Creek and Scott Reservoir							
5- 2	1.5	6-13	1.5	7-18	2.1	9-12	0.9
5- 8	1.2	6-23	.8	8- 1	1.9		
5-23	.0	7- 8	2.1	8-16	.0		
SCRIPTER CANAL—A-2288							
Diverted from Clear Creek—Sec. 32-16-41 W. Sec. 7-19-55 W.							
5- 9	0.0						
SEARS PUMP—A-2117							
Diverted from Pumpkinseed Creek—Sec. 25-19-53 W.							
8- 9	0.0	8-16	0.0	9-12	0.0	9-20	0.0
SEEGRIST CANAL—A-1823							
Diverted from Indian Creek and Renfro Reservoir—Sec. 3-31-50 W.							
6-16	0.0						
SELF PUMP—A-2582, A-3661							
Diverted from Beaver Creek—Sec. 20-19-5 W.							
7-29	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SEVERNS PUMP—A-2847, A-1856							
Diverted from Frenchman River—Sec. 9-4-33 W.							
5- 2	0.0	7-17	0.0	7-23	6.4		
SHAFFER PUMP—A-3132							
Diverted from Beaver Creek—Sec. 2-18-5 W.							
7-28	0.0						
SHAW PUMP—A-2037							
Diverted from South Loup River—Sec. 9-16-24 W.							
6-25	0.0						
SHELDON CANAL—A-493							
Diverted from East Ash Creek—Sec. 30-32-50 W.							
6- 2	0.0	7- 7	0.0	8- 4	0.0		
6-24	.3	7-21	.0	9-22	.0		
SHEPHERD CANAL—A-1965							
Diverted from Squaw Creek—Sec. 36-34-57 W.							
6-17	0.0	8-13	0.0				
SHERBECK PUMP—A-1894							
Diverted from Clear Creek—Sec. 5-16-17 W.							
7- 2	0.0	8-13	0.0				
SHERBECK PUMP—A-2884							
Diverted from Mud (Beaver) Creek—Sec. 5-15-18 W.							
9- 3	0.0						
SIMONS CANAL—A-2363							
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.							
6- 2	0.0	8-18	0.0	9-27	0.0		
SIMS-ENGELL PUMP—A-2908							
Diverted from Frenchman River—Sec. 17-5-35 W.							
6-10	0.0						
SKOCHDOPOLE PUMP—A-1871							
Diverted from Mud (Beaver) Creek—Sec. 1-12-15 W.							
7-18	0.0						
SLATTERY CANAL—D-543, A-1683							
Diverted from Jim Creek and Caladonia Reservoir—Sec. 13-33-57 W.							
9-25	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SLATTERY CANAL PUMP—A-749, A-749R, A-2021, A-4786							
Diverted from Dead Horse Creek—Sec. 30-33-49 W.							
5- 5	1.2	5-27	0.0	6-16	0.0	9-15	0.0
SMITH CANAL—A-850							
Diverted from Lodgepole Creek—Sec. 12-12-45 W.							
5- 1	0.0	6- 6	0.0	7-17	0.0	8-22	0.0
5- 7	.0	6-12	.0	7-24	.0		
5-16	.0	7-11	.0	8- 8	.0		
SMITH PUMP—A-4030, A-4122							
Diverted from Cedar River—Sec. 4-20-11 W.							
7- 9	0.0						
SMITH PUMP—A-3029							
Diverted from South Loup River—Sec. 16-15-22 W.							
6-26	0.0						
SMITH-WHEELER CANAL, SOUTH—D-842a							
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.							
5- 2	0.0	6-13	0.0	7-18	0.0	8-16	0.0
5- 9	.0	6-23	.0	8- 1	.0	9-12	.0
5-23	.0	7- 8	.0	8- 9	.0	9-19	.0
SMITH-WHEELER CANAL, NORTH—D-842b							
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.							
5- 2	0.0	6-13	0.0	7-18	0.0	8-16	0.0
5- 9	.0	6-23	.0	8- 1	.0	9-12	.0
5-23	.0	7- 8	.0	8- 9	.0	9-19	.0
SMITH CANAL—D-526							
Diverted from Boggy Creek—Sec. 31-33-54 W.							
5-28	1.0	9-11	0.0				
SNOW CANAL—D-485							
Diverted from Niobrara River—Sec. 35-29-51 W.							
10-18	0.0	5-13	0.0	8- 6	0.0	9-16	0.0
11-14	.0	5-26	.0	8-19	.0		
11-30	.0	6-11	.0	9- 4	3.7		
SODERQUIST CANAL—A-1237							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
5- 1	0.0	6- 6	0.0	7-17	0.0		
5- 7	.0	6-12	.0	7-24	.0		
5-16	.0	7-11	.0	8- 8	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued

Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
SODERQUIST CANAL—A-1420							
Diverted from Lodgepole Creek—Sec. 36-13-45 W.							
5- 1	0.0	6- 6	0.0	7-17	0.0		
5- 7	.0	6-12	.0	7-24	.0		
5-16	.0	7-11	.0	8- 8	.0		
SOW BELLY CANAL, OLD—D-533							
Diverted from Sow Belly Creek—Sec. 7-32-55 W.							
4- 4	3.0	5-16	0.0	7- 2	0.0	9-11	0.0
SOW BELLY SUPPLY CANAL, OLD—A-2306							
Diverted from Sow Belly Creek—Sec. 5-32-55 W.							
5-16	2.8	7- 2	0.0	9-11	0.0		
SPRING BRANCH CANAL—D-862, D-893, A-669, A-2560							
Diverted from Lawrence Fork—Sec. 11-18-52 W.							
5- 3	0.0	6-17	0.0	7- 5	2.1	9-15	2.6
5-10	.0	6-19	.0	7-12	1.8		
5-28	.0	6-20	1.7	7-26	1.8		
6- 7	.0	6-23	2.8	8-15	1.4		
SPRING CREEK CANAL—D-532							
Diverted from Spring Creek—Sec. 7-32-55 W.							
7- 2	0.0	9-11	0.0				
SPRING CREEK CANAL NO. 1—D-473, A-788							
Diverted from Spring Creek—Sec. 13-32-52 W.							
8-18	0.0						
SPRINGER PUMP—A-2156							
Diverted from Beaver Creek—Sec. 17-1-26 W.							
10-11	0.0	7- 8	0.0				
SQUAW CREEK CANAL—A-1631							
Diverted from Squaw Creek and Squaw Creek Reservoir Sec. 12-31-52 W.							
8- 8	0.0	8-30	0.0				
SQUAW CREEK CANAL—D-466							
Diverted from Spring Creek—Sec. 13-32-52 W.							
8-18	0.0						
STEPHENSON PUMP—A-3252							
Diverted from Republican River—Sec. 34-1-7 W.							
7-10	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
STEVENS PUMP—A-4602							
Diverted from Clear Creek—Sec. 22-14-16 W.							
7- 2	0.0						
STEVENS PUMP—A-3480							
Diverted from Mud (Beaver) Creek—Sec. 35-16-19 W.							
9- 3	0.0						
STRETTER PUMP—A-2950							
Diverted from Beaver Creek—Sec. 32-22-7 W.							
7-29	0.0						
STUART BROTHERS CANAL, NORTH—A-8							
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.							
10-22	0.0	4-25	0.0	5-24	3.5	8-14	0.0
3-27	.0	5- 3	.0	6-21	.8	9-27	.0
STUART BROTHERS CANAL, SOUTH—A-8							
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.							
10-22	0.0	4-25	1.8	5-24	0.6	8-14	0.0
3-27	.0	5- 3	2.2	6-21	.0	9-27	.0
STUART-MAPLE CANAL—A-656							
Diverted from Little Cottonwood Creek—Sec. 3-32-52 W.							
5- 3	0.0	8-14	0.0	9-27	0.0		
STUHT CANAL—A-1659							
Diverted from Lodgepole Creek—Sec. 32-14-49 W.							
5-14	0.0	6-10	0.0	7- 9	0.0	8- 5	0.0
5-21	.0	6-18	.0	7-15	.0	8-20	.0
5-27	.0	6-25	.0	7-23	.0	8-28	.0
6- 5	.0	7- 2	.0	7-29	.0	9- 9	.0
STUMPH CANAL—D-447R, D-1023 ½, D-1051							
Diverted from East Ash Creek—Sec. 32-32-50 W.							
11- 8	0.0	6-24	1.3	8- 4	0.0		
5-19	.0	7- 7	.0	8-11	.0		
6- 2	.0	7-21	.0	9-22	.0		
STUTE PUMP—A-4853							
Diverted from Buffalo Creek—Sec. 35-2-41 W.							
6-17	0.0	8-12	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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.							
5- 1	0.0	5-29	0.0	7-11	0.0	8- 8	0.0
5- 7	.0	6- 6	.0	7-17	.0	8-22	.0
5-16	.0	6-11	.0	7-24	.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							
10-13	1598.0	2-27	1850.0	5- 7	635.0	9-10	1470.0
10-31	1600.0	3-26	1796.0	5-24	46.1		
1-16	1600.0	5- 2	828.0	7-12	832.0		
SWANSON PUMP—A-4208							
Diverted from Cedar River—Sec. 19-17-6 W.							
7-10	0.0						
SWENSON PUMP—A-2271							
Diverted from Ash Creek—Sec. 7-14-20 W.							
6-26	0.0						
TAYLOR CANAL—A-766							
Diverted from Niobrara River and Pepper Creek—Sec. 28-19-47 W.							
6-10	0.0						
THOMAS CANAL—A-2057							
Diverted from East Ash Creek—Sec. 19-32-50 W.							
5-18	0.0	6-24	0.0	7-21	0.0		
6- 2	.0	7- 7	.0				
THOMAS CANAL—A-1748							
Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.							
5-12	0.0	9- 2	0.0				
THORSTENSEN PUMP—A-2569							
Diverted from Lodgepole Creek—Sec. 7-14-51 W.							
5- 6	0.0	6-18	0.0	7-23	0.0	8-28	0.0
5-14	.0	6-27	.0	7-29	.0	9- 9	.0
5-21	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		
6-10	.0	7-15	.0	8-20	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
TOBIN CANAL—D-330							
Diverted from Lodgepole Creek—Sec. 28-14-47 W.							
5- 7	0.0	6-11	0.0	7-24	0.0	8-21	0.0
5-15	.0	7- 5	.0	7-31	.0	9- 8	.0
5-29	.0	7-10	.0	8- 6	.0	9-16	.0
6- 6	.0	7-16	.0	8-14	.0	9-23	.0
TODD CANAL—A-520							
Diverted from East Ash Creek—Sec. 5-31-50 W.							
6- 2	0.0	7-21	0.0				
TOWNE PUMP—A-3088, A-3197							
Diverted from Medicine Creek—Sec. 26-8-29 W.							
Measurement made at Pump Site							
7-18	0.0						
TRACY CANAL—A-870							
Diverted from Lodgepole Creek—Sec. 12-14-59 W.							
4-28	1.6	6- 3	0.0	7-21	0.0		
5- 5	.5	6- 9	.0	8- 4	.0		
5-19	.7	6-30	.0	8-25	.0		
TRAILS END CANAL—A-3453							
Diverted from Pumpkinseed Creek—Sec. 30-19-52 W.							
5- 2	3.6	6-23	0.0	8- 1	0.0	9-12	0.0
5- 9	.0	7- 8	.0	8- 9	.0	9-19	.0
6-13	.0	7-18	.0	8-16	.0		
TRIDLE PUMP—A-3679							
Diverted from Muddy Creek—Sec. 16-4-23 W.							
7-24	2.3						
TRINNIER CANAL—D-849, A-1551							
Diverted from Greenwood Creek—Sec. 28-18-50 W.							
5- 1	8.7	6- 4	4.0	7-19	4.0	8-15	5.6
5- 9	8.5	6-17	3.7	7-30	5.2	9-17	5.4
5-24	5.9	7- 1	7.3	8- 8	2.7		
TRI-STATE CANAL—A-768, AKERS DRAW							
Intersection with Tri-State Canal—Sec. 12-23-57 W.							
10-15	15.8	1-11	13.3	3- 4	11.9	4-21	11.8
11-19	17.4	1-28	11.2	3-21	11.4		
12-20	15.0	2-18	11.7	4- 8	9.8		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
TRI-STATE CANAL—D-918, ALLIANCE DRAIN							
To River—Sec. 18-22-53 W.							
10- 2	1.5	6-16	9.6	7-22	25.5	8-26	27.1
5- 5	.0	6-24	14.2	7-29	25.4	9- 9	21.2
5-13	.0	7- 1	10.4	8- 5	27.7	9-16	17.3
5-15	9.9	7- 8	22.4	8-12	29.4	9-23	16.2
6- 9	13.2	7-15	17.1	8-19	30.4	9-30	.0
TROGNITZ CANAL—D-365							
Diverted from Lodgepole Creek—Sec. 36-14-50 W.							
5- 6	0.0	6-11	0.0	7-15	0.0	8-20	0.0
5-14	.0	6-18	.0	7-23	.0	8-28	.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0	9-22	.0
6- 5	.0	7- 9	.0	8-12	.0		
TURLEY PUMP—A-2740							
Diverted from South Loup River—Sec. 6-16-24 W.							
6-25	0.0						
TURNER CANAL, SOUTH—D-537							
Diverted from Antelope Creek—Sec. 26-34-57 W.							
8-13	0.0						
TURNER RESERVOIR CANAL NO. 2—A-1676							
Diverted from Antelope Creek—Sec. 26-34-57 W.							
8-13	0.0						
UHLIG PUMP—A-4290							
Diverted from South Loup River—Sec. 24-15-22 W.							
6-26	0.0						
UMBARGER PUMP—A-2329							
Diverted from Beaver Creek—Sec. 10-17-4 W.							
7-28	0.0						
URBACH CANAL—D-308, A-723							
Diverted from Lodgepole Creek—Sec. 15-14-51 W.							
5- 6	0.0	6-18	0.0	7-23	0.0	8-28	0.0
5-21	.0	6-27	.0	7-29	.0	9- 9	.0
5-27	.0	7- 2	.0	8- 5	.0		
6- 5	.0	7- 9	.0	8-12	.0		
6-10	.0	7-15	.0	8-20	.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
VANACKERAN PLANT—D-1049							
7-10	0.0	Diverted from Cedar River—Sec. 5-18-7 W.					
VAN CLEAVE PUMP—A-3151							
6-26	0.0	Diverted from South Loup River—Sec. 7-15-22 W.					
VANDERHEIDEN PUMP—A-2993							
7-10	0.0	Diverted from Cedar River—Sec. 5-18-7 W.					
VANSANT AND SCOTT PUMP—A-2900							
7-2	0.0	8-13	0.0	Diverted from Clear Creek—Sec. 27-17-18 W.			
VICTORIA CANAL NO. 1—D-210, D-212, A-1843							
5-7	0.0	6-25	0.0	7-23	0.0	Diverted from Victoria Creek—Sec. 1-19-21 W.	
VICTORIA CANAL NO. 2—D-213, A-1845							
5-7	0.0	6-25	0.0	7-23	0.0	Diverted from Victoria Creek—Sec. 1-19-21 W.	
VOCKE PUMP—A-4167							
7-2	0.0	Diverted from Clear Creek—Sec. 17-15-16 W.					
VOSBURGH PUMP—A-4059							
7-10	0.0	Diverted from Cedar River—Sec. 13-17-17 W.					
WALKER PUMP—A-3736							
7-10	0.0	Diverted from Cedar River—Sec. 5-18-7 W.					
WALL PUMP—A-2410							
6-25	0.0	Diverted from South Loup River—Sec. 35-18-26 W.					

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
WARBONNET CANAL—D-548							
Diverted from Warbonnet Creek—Sec. 21-33-56 W.							
4- 4	0.0	5-16	0.9	7-16	1.7		
4-11	1.4	6- 4	3.9	9-25	.0		
WARBONNET CANAL NO. 2—A-892							
Diverted from Warbonnet Creek—Sec. 20-33-56 W.							
4- 4	0.0	5-16	2.4	7-16	0.0		
4-11	.0	6- 4	.1	9-25	.0		
WARNEKE CANAL—D-505							
Diverted from Niobara River—Sec. 27-31-57 W.							
10- 2	0.0	5- 1	0.0	6-14	0.0	9- 5	0.0
WASSERBURGER CANAL—A-3581							
Diverted from Wasserburger Reservoir—Sec. 29-34-54 W.							
10-19	0.0						
WASSERBURGER PUMP—A-3291							
Diverted from Hat Creek—Sec. 24-34-55 W.							
10-19	0.0						
WATSON PUMP—A-2811							
Diverted from Beaver Creek—Sec. 16-19-5 W.							
7-29	0.0						
WEARIN CANAL—A-1864							
Diverted from Lodgepole Creek—Sec. 8-14-58 W.							
Measurements made at Rating Flume							
5- 5	0.0	6- 3	0.0	6-30	0.0	8- 4	0.0
5-19	.0	6- 9	.0	7-21	.0	8-25	.0
WEAVER PUMPS—A-4618, A-3332							
Diverted from South Loup River—Sec. 24-15-22 W.							
6-26	0.0						
WENTLING CANAL—A-4844							
Diverted from Beaver Creek—Sec. 21-2-23 W.							
7-24	0.0						

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

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.							
5- 1	0.0	5-29	0.0	7-11	0.0	8- 8	0.0
5- 7	.0	6- 6	.0	7-17	.0	8-22	.0
5-15	.0	6-11	.0	7-24	.0		
5-16	.0	7- 5	.0	7-31	.0		
WEST AND SCHUMACHER PUMP—A-2802							
Diverted from Mud Creek—Sec. 23-15-18 W.							
9- 3	0.0						
WHITE RIVER CANAL—D-477							
Diverted from White River—Sec. 34-32-52 W.							
Measurements made at Rating Flume							
10- 6	0.0	4-28	3.0	6-16	6.0	9- 8	2.7
10-24	.0	5- 5	4.8	6-30	.0	9-10	1.7
10-30	.0	5-12	.0	7-14	5.8	9-15	2.2
11-10	.0	5-19	5.6	7-28	3.2	9-29	3.8
11-17	.0	5-27	.0	8-11	5.2		
11-24	.0	6- 9	7.2	8-25	5.5		
WICKERSHAM CANAL—A-2204							
Diverted from Boggy Creek—Sec. 31-33-54 W.							
5-28	0.0	9-11	0.0				
WICKERSHAM SUPPLY CANAL—A-701, A-2182							
Diverted from Boggy Creek—Sec. 31-33-54 W.							
5-28	0.0	9-11	0.0				
WIEDEL PUMP—A-4387							
Diverted from Republican River—Sec. 19-2-19 W.							
6-11	4.0						
WEIGAND CANAL—A-563							
Diverted from Lodgepole Creek—Sec. 17-13-45 W.							
5- 1	0.0	5-29	0.0	7-17	0.0	8-22	0.0
5- 7	.0	6- 6	.0	7-24	.0		
5-15	.0	6-11	.0	7-31	.0		
5-16	.0	7-11	.0	8- 8	.0		
WEIGAND CANAL NO. 2—A-1323							
Diverted from Lodgepole Creek—Sec. 16-13-45 W.							
5- 1	0.0	5-29	0.0	7-11	0.0	8- 8	0.3
5- 7	.0	6- 6	.0	7-17	.0	8-14	.5
5-15	.0	6-11	.0	7-24	.0	8-22	.0
5-16	.0	7- 2	.0	7-31	.9		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
WEIGAND CANAL NO. 3—A-1322							
Diverted from Lodgepole Creek—Sec. 16-13-45 W.							
5- 1	0.0	6- 6	0.0	7-24	0.0	8-29	0.2
5- 7	.0	6-11	.0	7-31	.0	9- 8	.0
5-15	.0	7-11	.0	8- 8	.0	9-23	.0
5-29	.0	7-17	.0	8-22	.2		
WILDS CANAL—A-904							
Diverted from Lodgepole Creek—Sec. 11-13-46 W.							
5- 1	0.0	6- 6	0.0	7-17	0.0	8-14	0.0
5- 7	.0	6-11	.0	7-24	.0	8-21	.0
5-15	.0	7- 2	.0	7-31	.0	9-17	.0
5-29	.0	7-11	.0	8- 6	.6		
WILLIAMS PUMP—A-3505							
Diverted from Beaver Creek—Sec. 21-2-23 W.							
10-11	0.0	7-24	0.0				
WILLIAMS PUMP—A-3015							
Diverted from Mud (Beaver) Creek—Sec. 31-16-18 W.							
9- 3	0.0						
WILLOW SPRINGS CANAL, EAST—A-651							
Diverted from Willow Creek—Sec. 16-19-51 W.							
5- 8	1.9	6-13	0.0	7- 8	0.0	9-12	0.0
WILLOW SPRINGS CANAL, WEST—A-650							
Diverted from Willow Creek—Sec. 16-19-51 W.							
5- 8	0.0	6-13	0.0	7- 8	0.0	9-12	0.0
WISE PUMP—A-3662							
Diverted from Cedar River—Sec. 25-19-8 W.							
7- 9	0.0						
WOLFE PUMP—A-2771							
Diverted from Shell Creek—Sec. 28-18-3 E.							
7-30	2.7						
WOLFE CANAL—D-813							
Diverted from Lodgepole Creek—Sec. 18-13-45 W.							
5- 1	0.0	6- 6	0.0	7-24	0.0	8-29	3.0
5- 2	.0	6-11	.0	7-31	4.4	9- 8	1.6
5-15	.0	7- 5	.0	8- 8	2.2	9-17	2.5
5-16	.0	7-11	.0	8-14	1.2	9-23	2.3
5-29	.0	7-17	.0	8-22	3.0		

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Continued
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
WOODRUFF CANAL, NORTH—D-536							
Diverted from Jim Creek—Sec. 14-33-56 W.							
5- 2	0.0	7-16	0.0	9-25	0.0		
WOODWORTH PUMP—A-3096							
Diverted from Beaver Creek—Sec. 16-20-6 W.							
7-29	0.0						
WORDEN PUMP—A-1862							
Diverted from Republican River—Sec. 32-1-6 W.							
7-31	0.0						
WRIGHT CANAL—A-3864							
Diverted from Pumpkinseed Creek—Sec. 5-19-54 W.							
5- 2	1.4	6-20	1.0	8- 1	0.0	9-20	0.0
5- 9	.0	6-23	.0	8- 9	.0		
5-28	.0	7- 8	.0	8-16	.0		
6-13	.0	7-18	.0	9-12	.0		
YANDA, LOUIS PUMP—A-3454							
Diverted from Mud (Beaver) Creek—Sec. 1-12-15 W.							
7-18	0.0						
YANDA, GEORGE PUMP—A-1920							
Diverted from Mud (Beaver) Creek—Sec. 8 & 9-12-14 W.							
7-18	0.0						
YOUNG CANAL—A-1921							
Diverted from Brushy Creek—Sec. 33-8-29 W.							
7-18	0.0						
ZABKA PUMP—A-3886							
Diverted from Cedar River—Sec. 35-18-7 W.							
7-10	0.0						
ZERBST CANAL—A-2003							
Diverted from Little Red Creek—Sec. 34-33-56 W.							
5- 2	0.1	6-17	0.1	8-28	0.1		
ZIEGLER PUMP—A-2505							
Diverted from Thompson Creek—Sec. 27-2-13 W.							
6- 5	0.0	8-20	0.0				

Note: Headgate measurement unless otherwise stated

MEASUREMENT OF CANALS—Concluded
Year Ending September 30, 1952

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
ZIMMERMAN CANAL—A-532							
Diverted from Sow Belly Creek—Sec. 34-33-55 W.							
4-18	0.0	5-16	0.0	7- 2	0.0	9-11	0.9
ZINNEL PUMP—A-3201							
Diverted from Mud (Beaver) Creek—Sec. 2-12-15 W.							
7-18	0.0						
ZUROVSKI PUMP—A-3606, A-4311							
Diverted from Beaver Creek—Sec. 21-19-5 W.							
7-28	0.0						

THIS PAGE INTENTIONALLY LEFT BLANK

**DAILY CONTENTS OF RESERVOIRS
ON NORTH PLATTE RIVER
AND
DAILY DISCHARGES OF
PLATTE RIVERS**

THIS PAGE INTENTIONALLY LEFT BLANK

BUREAU OF IRRIGATION

419

SEMINOLE RESERVOIR STORAGE IN ACRE-FEET

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	746242	708800	674610	641130	592980	555660	525940	558350	720560	992330	1031380	990380
2	745310	706700	673600	639900	591190	554190	526650	561060	731220	995270	1031980	989210
3	744370	704760	672680	639120	590290	552970	527120	564140	743220	996010	1033190	987850
4	743430	703420	670470	636200	589390	552360	527590	567240	755020	1001540	1034200	985910
5	742650	702830	668040	634160	587600	550900	528060	570350	766900	1003510	1036010	983770
6	741560	701200	666030	632790	585820	549440	528760	573470	778460	1004890	1036620	981640
7	740940	699570	663920	632250	584050	547990	529820	576100	789820	1006270	1037220	979900
8	740630	697790	662220	631160	582780	546300	531360	578740	800620	1007850	1037020	978550
9	739390	696020	662080	629670	581390	544610	532180	582270	810440	1008450	1037020	977770
10	738150	695140	661650	628040	580250	543290	532890	583320	818460	1009040	1036820	975850
11	736920	695140	660660	626280	579750	542090	533610	588880	824690	1009440	1036410	973730
12	735840	693820	659680	624670	578360	540290	534440	592470	831130	1009440	1036210	971810
13	734600	691910	658690	623350	576980	538610	535030	596460	837940	1009440	1034800	969890
14	733530	690300	657280	622380	575470	537170	535500	598680	844450	1010230	1033190	967780
15	733220	688830	656580	620500	574470	535620	536820	602810	851170	1010230	1031380	966060
16	731840	687660	655450	619330	573090	534200	537890	606700	857770	1011020	1028970	964910
17	730760	686060	655310	617570	572340	533130	538250	610670	864760	1012010	1026380	963010
18	729540	685620	654610	616240	571590	532660	538730	615970	871770	1013000	1023960	961100
19	728470	684890	653980	615190	569720	531000	539210	621310	879720	1014000	1022160	959190
20	727400	683880	652990	614110	567860	529240	539450	627370	886610	1015390	1019760	957680
21	725880	682860	651670	612920	566000	528060	540050	633470	897550	1017180	1017180	956350
22	725420	680960	650560	611200	564510	526880	541370	639900	910250	1019760	1014590	955210
23	723750	680960	650000	609620	562910	525850	542450	646500	922150	1021360	1012010	954460
24	722080	680530	649300	608040	561300	525240	543650	653490	935110	1022760	1009440	952940
25	720410	679800	648460	606470	561060	525360	544850	660680	946340	1023960	1007260	951240
26	718740	679800	647628	605030	559700	525010	546900	668320	957680	1025360	1005880	949350
27	717080	679370	646240	603330	558350	524650	548960	676190	968160	1026160	1003320	947280
28	715420	678210	644990	602160	556880	524300	551140	682710	976810	1027760	1000360	945020
29	714660	677340	643890	599820	555440	524420	553700	691470	983580	1029570	997620	942960
30	712700	676050	642780	597360	554540	524540	556150	701050	988440	1030780	995070	941460
31	710600	641960	595170	524890	524890	524890	710000	1031180	992720	992720	992720	992720

KORTES RESERVOIR STORAGE IN ACRE-FEET

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3850	4300	4120	4210	4460	4610	4690	4680	4640	4630	4620	4650
2	3850	4650	4300	4350	4410	4570	4640	4600	4640	4650	4650	4610
3	3750	4520	3960	4250	3960	4400	4530	4560	4650	4630	4620	4640
4	3850	4400	4500	4300	4300	4650	4480	4670	4660	4630	4640	4640
5	3850	4650	4550	4270	4400	4630	4460	4710	4610	4650	4650	4540
6	3950	4650	4380	4280	4390	4530	4450	4630	4630	4660	4640	4670
7	3850	4520	4220	4330	4600	4440	4620	4630	4650	4570	4640	4660
8	3950	4520	4290	4250	4410	4610	4580	4590	4570	4710	4600	4710
9	3950	4750	4180	4230	4380	4520	4500	4680	4520	4680	4650	4700
10	3850	4120	4210	4330	4380	4510	4540	4580	4590	4650	4650	4680
11	3850	1450	4250	4240	4400	4430	4390	4620	4620	4650	4700	4680
12	3850	2860	4360	4320	4600	4420	4450	4640	4590	4650	4630	4580
13	4010	4650	4310	4290	4380	4380	4630	4640	4640	4680	4630	4660
14	4100	4290	4360	4370	4410	4380	4660	4590	4650	4700	4660	4700
15	3850	4470	4440	4390	4380	4440	4650	4650	4630	4690	4640	4690
16	4300	4380	4800	4190	4480	4390	4670	4630	4610	4680	4580	4690
17	3950	4500	4120	4280	4380	4610	4650	4580	4610	4700	4620	4580
18	3620	4300	4460	4230	4440	4280	4430	4610	4640	4620	4700	4650
19	3620	4500	4400	4320	4430	4400	4420	4640	4610	4700	4680	4640
20	3620	4400	4410	4240	4380	4570	4430	4650	4570	4660	4660	4670
21	3950	4500	4420	4240	4500	4650	4650	4670	4610	4680	4660	4630
22	3750	4500	4120	4300	4390	4600	4660	4640	4630	4650	4690	4650
23	4000	4210	4200	4320	4140	4440	4690	4630	4690	4670	4680	4690
24	4180	4300	4240	4340	4670	4460	4650	4340	4660	4670	4620	4560
25	4180	3880	4220	4480	4590	4520	4630	2140	4660	4650	4630	4730
26	4180	4210	4300	4380	4570	4310	4700	713	4620	4640	4670	4680
27	4000	4400	4290	4530	4550	4470	4680	981	4610	4640	4640	4480
28	4180	3960	4380	4380	4560	4490	4690	4200	4580	4660	4650	4660
29	3750	4040	4290	4430	4600	4650	4650	4580	4630	4630	4600	4640
30	4180	3960	4220	4600	4680	4670	4660	4590	4630	4630	4620	4690
31	4300	4200	4500	4720	4720	4720	4570	4680	4660	4660	4660	4660

PATHFINDER RESERVOIR STORAGE IN ACRE-FEET

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	558210	615960	678440	739730	809720	873450	940170	998410	935990	840690	597390	395310
2	560000	617760	680570	742210	812760	876240	941630	1000150	934320	842040	589950	389380
3	562200	620320	681710	744680	815040	878830	943300	1001680	932020	842040	582760	384890
4	564120	622570	683510	746790	816180	880230	944970	1002990	930350	837210	576480	382040
5	566790	623340	686130	748740	818460	883020	946230	1003860	928260	832380	571000	380070
6	567910	625340	688950	751380	820920	886010	947270	1004950	927230	826240	567490	380370
7	569180	627790	691460	753150	823200	888220	948310	1006040	925790	818080	564400	380660
8	570440	630250	693960	755280	825480	890560	949360	1004950	923520	808970	561380	381350
9	572410	632710	696520	757620	827760	893290	950630	1001460	921260	800010	555880	381750
10	574520	634700	699120	759960	829680	895510	952750	996880	917970	791240	547420	383020
11	576480	637320	699620	762480	830640	897540	954660	992300	914670	782810	539200	384200
12	578880	638870	701790	764450	833730	899770	956990	984980	910140	773830	529930	382430
13	580900	640280	703980	765890	836440	902610	958990	974650	904830	765170	521420	380070
14	582620	642320	706520	767150	838560	905240	960390	962510	901190	755640	517040	378110
15	584200	644360	708730	770030	841270	908290	961870	948520	896530	745910	511750	375290
16	586360	646550	710770	771650	843390	909320	963350	939570	890250	736040	504810	371530
17	588090	648910	712470	774560	845320	911170	966110	934530	881230	727390	494200	368360
18	589810	650470	714510	776580	846860	913020	967810	931600	873050	719100	485700	364090
19	591390	652040	717050	778960	849600	915910	969930	930320	865500	710870	478700	359660
20	593270	654570	719260	780790	851780	918300	971860	930560	858040	702310	475920	355220
21	595480	657450	721330	782080	854500	921050	973790	931810	851170	693550	471980	358150
22	596660	659210	723060	784220	856860	923110	976160	932440	845320	683510	463940	360130
23	599100	660650	724820	787820	859800	925170	978310	933270	840110	674520	455240	361820
24	600920	662740	726520	789770	861770	926610	982610	934530	834310	665780	447190	363990
25	603270	664340	727040	791800	862950	927640	984980	935990	834890	657450	440790	366450
26	605190	665940	729120	793670	865500	929510	987990	936830	835470	648280	433910	368740
27	607250	667540	731720	796470	868060	931810	989920	936620	837020	640280	427080	370470
28	608440	670440	733270	798520	870850	934110	991430	935570	837600	631330	422440	372690
29	609790	673540	735350	801320	.....	935990	994040	936200	839330	621520	412410	374900
30	612050	676160	737620	804120	.....	937870	996440	935990	840300	612650	407230	376350
31	650100	.....	738680	806920	.....	939330	.....	936200	.....	605190	401360	.....

Note: Equation (592790 a.f. equals 556150 a.f.) for storage content on September 30, 1950. Adjusted to sediment survey.

ALCOVA RESERVOIR STORAGE IN ACRE-FEET

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	173250	172070	171200	170600	170030	169910	169730	153910	180200	182700	183220	182460
2	173250	172050	171170	170580	170000	169910	169710	152110	180060	182720	183200	182550
3	173230	172020	171150	170580	169980	169910	169710	150360	180010	182290	183170	182550
4	173180	172000	171100	170550	169960	169910	169710	148660	179960	182170	183170	182790
5	173110	171980	171030	170510	169960	169910	169710	146990	179890	182200	183240	182740
6	173090	171910	171030	170490	169960	169910	169750	145230	179840	182170	183270	181550
7	173040	171930	171010	170440	169960	169890	169750	143420	179820	182240	182840	179840
8	173020	171890	171010	170420	169980	169890	169750	142810	179750	182340	182960	179020
9	173020	171820	171010	170390	169980	169840	169780	144410	179610	182320	183030	175960
10	172950	171790	171010	170350	169980	169820	169780	146120	179490	182320	183080	173710
11	172950	171770	170990	170350	169980	169820	169800	147740	179420	182240	183120	172560
12	172930	171720	170990	170330	170000	169820	169820	150940	179470	182170	183080	172280
13	172900	171700	170970	170300	170000	169820	169800	155960	179610	182130	183030	172320
14	172860	171700	170940	170280	169980	169840	169780	163160	179730	182130	181340	172350
15	172830	171680	170920	170260	169980	169840	169780	171540	179800	182100	180150	171890
16	172810	171590	170900	170260	169980	169820	169780	177600	179700	182170	180410	171710
17	172790	171540	170870	170230	169980	169820	169750	179470	176750	182340	183940	171100
18	172740	171490	170870	170210	169980	169820	169730	179780	180090	182340	185970	171540
19	172690	171470	170850	170190	169980	169800	169710	180030	180440	182390	186160	171860
20	172670	171450	170850	170180	169960	169780	169710	180090	181460	182480	184040	171910
21	172550	171420	170830	170140	169940	169780	169710	180110	182150	182770	182510	169800
22	172630	171380	170830	170120	169940	169780	169710	180080	182390	182890	182790	169650
23	172560	171330	170810	170100	169940	169750	168470	179990	182270	182860	183390	164640
24	172510	171310	170810	170100	169940	169750	166970	179890	182410	182840	183390	163480
25	172440	171290	170780	170100	169940	169750	164930	179870	182600	182770	183050	162940
26	172420	171290	170780	170100	169940	169750	163000	179870	182600	182790	182720	162710
27	172350	171290	170740	170100	169910	169750	161110	179890	182580	182890	182460	162650
28	172280	171260	170710	170070	169910	169730	159200	179960	182580	182930	181930	162620
29	172210	171220	170690	170050	.....	169730	157430	180110	182630	182860	184350	162580
30	172190	171220	170670	170030	.....	169730	155690	180200	182670	183010	183410	162530
31	172140	.....	170650	170030	.....	169730	.....	180290	.....	183220	183220	.....

BUREAU OF IRRIGATION

421

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
 OUTFLOW OF ALCOVA RESERVOIR
 Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	6	6	6	6	6	6	920	1540	455	4620	4510
2	6	6	6	6	6	6	6	899	1970	455	4400	3750
3	6	6	6	6	6	6	6	885	1970	1520	4110	3310
4	6	6	6	6	6	6	6	864	1970	3120	3690	2640
5	6	6	6	6	6	6	6	850	1970	3440	3140	2260
6	6	6	6	6	6	6	6	920	1970	4240	2630	1990
7	6	6	6	6	6	6	6	962	1950	4760	2630	1820
8	6	6	6	6	6	6	6	892	1950	5230	2630	1440
9	6	6	6	6	6	6	6	1730	1950	5420	3220	1450
10	6	6	6	6	6	6	6	2270	1950	5440	4850	1450
11	6	6	6	6	6	6	6	2330	2600	5440	5260	1440
12	6	6	6	6	6	6	6	2720	2960	5440	5440	2100
13	6	6	6	6	6	6	6	3340	2960	5440	5440	2350
14	6	6	6	6	6	6	6	3500	2960	5440	5110	2150
15	6	6	6	6	6	6	6	3770	2960	5440	4650	2630
16	6	6	6	6	6	6	6	3440	3860	5150	4380	2900
17	6	6	6	6	6	6	6	3100	4510	4920	4420	2720
18	6	6	6	6	6	6	6	2230	4530	4780	4440	2880
19	6	6	6	6	6	6	6	1800	4550	4670	4370	3050
20	6	6	6	6	6	6	6	1520	4190	4830	4310	2270
21	6	6	6	6	6	6	6	1170	4010	4940	4260	1840
22	6	6	6	6	6	6	6	983	3640	4940	4600	1390
23	6	6	6	6	6	6	6	605	976	3410	4940	5240
24	6	6	6	6	6	6	6	976	983	3390	4940	4850
25	6	6	6	6	6	6	6	1020	990	666	4940	4440
26	6	6	6	6	6	6	6	998	990	460	5000	4710
27	6	6	6	6	6	6	6	976	990	460	5110	4710
28	6	6	6	6	6	6	6	962	990	460	5110	4670
29	6	6	6	6	6	6	6	948	1090	460	5130	4690
30	6	6	6	6	6	6	6	941	990	460	4820	4760
31	6	6	6	6	6	6	6	990	990	460	4820	4580
Mean	6	6	6	6	6	6	6	252	1616	2423	4520	4383
Max.	6	6	6	6	6	6	6	1020	3770	4550	5440	5440
Min.	6	6	6	6	6	6	6	6	850	460	455	2630
A.F.	369	357	369	369	333	369	14990	99340	144200	277900	268300	107300

Total acre-feet 914196

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
 INFLOW TO GUERNSEY RESERVOIR
 Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	432	218	227	173	138	199	176	1683	1595	941	5041	4659
2	447	260	211	100	154	150	229	1347	1553	837	4755	4856
3	423	242	134	178	160	144	168	1373	1546	806	4412	4672
4	477	218	168	184	97	149	137	1267	1926	773	4393	4479
5	317	230	51	138	152	107	188	1237	2268	652	4143	4033
6	429	249	96	128	150	184	193	1232	2197	1266	3820	3162
7	472	235	110	155	160	234	169	1219	2096	2864	3401	2982
8	453	101	105	159	139	149	233	1413	2096	3339	2767	2523
9	426	160	140	139	166	185	263	1407	2085	4165	2529	2304
10	329	98	133	164	235	200	300	1303	1991	4690	2452	1890
11	365	103	126	160	271	165	215	1372	1964	5076	2385	1645
12	367	146	203	165	312	174	237	2490	1814	5286	4000	1671
13	336	273	240	164	271	202	247	2168	2101	5263	4897	1546
14	314	231	243	153	237	274	107	2749	2703	5294	5290	1524
15	310	265	248	175	203	465	161	3437	2780	5228	5286	2102
16	334	265	212	166	231	98	107	3992	2729	5222	4948	2275
17	295	279	228	141	251	208	96	5635	2717	5170	4148	2197
18	229	291	259	156	230	188	227	4864	3335	4940	4339	2940
19	301	270	228	185	267	41	75	4053	4225	4697	4087	2917
20	319	288	216	186	215	127	135	3889	4252	4529	4165	2795
21	235	235	192	163	231	142	173	3320	4390	4413	4122	2901
22	243	205	230	151	231	248	250	3093	4436	4607	4143	2318
23	283	110	195	181	214	213	164	3065	4287	4706	4101	2039
24	290	125	238	156	211	160	255	2551	3873	5023	4299	1782
25	278	146	252	166	221	167	187	2250	3631	4765	5025	1408
26	205	208	229	165	239	152	189	1917	3486	4725	4860	1408
27	264	261	264	115	203	177	478	1905	2619	4640	4584	1230
28	245	360	174	116	178	167	966	1809	1516	4583	4573	775
29	224	296	174	141	160	117	1238	1820	1111	5069	4582	450
30	238	269	139	160	160	167	1543	1493	906	4993	4623	526
31	263	160	130	130	130	167	1522	1522	906	4949	4592	450
Mean	327	221	186	155	206	178	304	2351	2608	3984	4218	2452
Max.	477	360	264	186	312	465	1543	5836	4436	5294	5290	4672
Min.	205	96	51	100	97	41	75	1219	906	652	2385	450
A.F.	20119	13164	11540	9547	11457	10949	18062	144548	155165	244972	259388	145906

Total acre-feet 1044817

Record furnished by the United States Bureau of Reclamation.

REPORT OF THE STATE ENGINEER

 GUERNSEY RESERVOIR STORAGE IN ACRE-FEET
 Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20600	28350	36240	36750	35250	37260	44900	9320	29700	35060	31000	7790
2	19300	28740	36450	36540	35180	37200	44230	9930	28780	33060	31510	8560
3	17990	28990	36530	36490	35120	37130	43210	10520	27790	30860	31650	10470
4	16790	29330	36640	36450	34940	37070	41870	10810	27550	28520	31670	12740
5	15300	29640	36410	36320	34870	37130	40490	11000	28000	25070	31250	14550
6	14710	29900	36320	36170	34810	37370	39060	11190	28400	20480	30180	15050
7	14890	30130	36260	36070	34750	37710	37580	11600	28310	18360	28270	15340
8	15730	30250	36190	35980	34650	37880	36210	12370	27300	16930	25000	14980
9	16540	30370	36070	35850	34650	38120	34940	12690	26130	16420	21170	14190
10	17150	30330	35940	35770	34810	38380	33720	12020	24900	16120	16860	12520
11	17830	30050	35810	35680	35060	38580	32300	11240	23620	16560	12230	10520
12	18520	30050	35900	35600	35350	38800	30960	10550	22490	17680	10880	8720
13	19140	30510	36070	35520	35560	39100	29620	9230	22250	19090	11310	6730
14	19710	30920	36170	35410	35700	39560	27980	8970	22890	20480	12620	4840
15	20280	31390	36280	35350	35770	40400	26300	9760	22870	21960	13780	4040
16	20890	31770	36410	35270	35900	40510	24480	12060	20940	23490	41340	3530
17	21430	32180	36490	35310	36070	40840	22570	18030	19240	25020	13160	2870
18	21830	32620	36620	35430	36200	41130	20820	22600	18250	26080	12270	3500
19	22380	33030	36700	35600	36390	41180	18770	26550	19520	26220	10890	3990
20	22960	33450	36750	35730	36490	41400	16870	30660	21840	25600	9670	4400
21	23380	33780	36750	35770	36620	41650	15070	33890	23820	24410	8490	5480
22	23820	34050	36790	35790	36750	42110	13440	36170	26460	24870	7460	6160
23	24330	34130	36790	35870	36850	42500	11670	38510	29560	24300	6400	5900
24	24860	34130	36880	35900	36940	42770	10120	39830	32660	24730	5720	5280
25	25360	34190	37000	35900	37050	43070	8490	40330	35640	24600	6520	4770
26	25720	34380	37050	35900	37170	43340	7010	40110	38840	24230	7030	4290
27	26190	34810	37170	35750	37220	43660	6100	39840	40330	23690	7030	4180
28	26620	35310	37110	35600	37220	43960	6190	39300	39670	24300	7010	3040
29	27020	35680	37050	35520	.....	44160	6790	37630	38315	26460	7010	1770
30	27460	36000	36920	35470	.....	44460	7940	34610	36730	28550	7090	1630
31	27950	.....	36810	35350	.....	44760	.....	31570	.....	29970	7300	.....

 DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
 OUTFLOW OF GUERNSEY RESERVOIR
 Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1107	16	106	203	188	179	105	982	2518	1769	4504	4409
2	1098	63	105	206	189	180	558	1035	2010	1835	4485	4264
3	1080	116	94	203	190	179	686	1071	2036	1902	4336	3707
4	1080	47	113	204	187	179	802	1116	2036	1938	4372	3333
5	1062	74	167	204	167	77	878	1134	2023	2364	4336	3116
6	718	118	141	204	189	63	894	1134	1986	3554	4336	2908
7	378	119	140	205	190	63	902	1008	2140	3911	4354	2830
8	16	41	140	204	189	63	902	1017	2590	4048	4409	2695
9	16	100	200	205	166	64	902	1242	2665	4409	4447	2695
10	16	118	198	204	154	69	902	1637	2605	4827	4599	2725
11	16	244	191	205	145	64	910	1758	2605	4846	4713	2650
12	16	146	158	205	166	63	910	2830	2378	4713	4675	2575
13	16	41	154	204	165	51	902	2830	2210	4542	4675	2546
14	16	24	193	206	167	42	934	2876	2364	4580	4618	2476
15	16	26	193	205	168	42	1008	3036	2876	4466	4694	2504
16	16	73	146	206	165	43	1017	2830	3588	4466	4656	2532
17	16	72	188	121	165	42	1044	2620	3571	4590	4732	2518
18	16	69	194	96	164	42	1068	2546	3826	4590	4770	2620
19	16	68	188	99	171	16	1068	2049	3571	4599	4789	2665
20	16	71	191	120	165	16	1089	1802	3180	4627	4770	2590
21	16	66	192	143	165	16	1080	1791	3282	4808	4713	2635
22	16	69	210	141	165	16	1071	1824	3100	4770	4656	2546
23	16	70	195	141	164	16	1053	1857	2710	4770	4637	2448
24	16	125	193	141	166	24	1035	1888	2392	4789	4637	2350
25	16	116	192	166	166	16	1008	1974	2114	4608	4618	2036
26	16	112	204	165	179	16	934	2010	1846	4903	4599	1648
27	16	44	204	193	178	16	934	2023	1857	4903	4580	1280
28	16	108	204	190	178	16	918	2062	1824	4264	4580	1350
29	16	110	204	181	.....	16	934	2635	1780	3962	4580	1089
30	16	108	205	185	.....	16	958	3004	1703	3911	4580	594
31	16	.....	208	190	.....	16	.....	3052	.....	4228	4485	.....
Mean	223	86	175	179	173	56	915	1957	2513	4080	4579	2544
Max.	1107	244	210	208	190	180	1098	3052	3826	4903	4787	4409
Min.	16	16	94	96	145	16	105	982	1703	1769	4336	594
A.F.	13700	5120	10730	11000	9580	3410	54440	120300	149530	250890	281520	151410

Total acre-feet 1061630

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT WYOMING-NEBRASKA STATE LINE
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	670	436	523	537	300	502	334	370	756	544	1250	991
2	670	430	530	481	360	502	316	358	748	502	1150	1010
3	649	418	530	523	450	481	310	358	537	467	1050	1140
4	642	430	530	551	560	448	316	346	516	430	946	1140
5	635	481	490	551	545	460	298	340	481	406	1030	937
6	600	481	455	551	565	481	316	316	424	466	1010	856
7	572	467	455	551	560	412	298	328	424	572	964	748
8	579	474	537	523	560	400	304	322	394	691	901	705
9	684	474	551	516	558	382	310	316	572	684	883	691
10	642	448	558	537	537	406	328	298	628	663	865	663
11	614	481	586	551	530	406	310	175	684	901	901	649
12	600	551	607	516	516	382	310	157	684	1060	955	628
13	572	572	607	523	516	358	304	169	656	1060	962	586
14	530	579	593	516	509	358	270	502	502	1050	1000	558
15	509	523	593	509	488	352	270	628	424	1070	962	530
16	502	474	593	530	509	346	255	946	412	1040	991	502
17	551	474	586	523	495	346	255	1070	691	1050	982	388
18	537	502	379	448	509	334	275	1070	620	991	1000	340
19	509	523	586	436	523	334	290	1050	838	883	991	400
20	502	488	579	436	488	328	286	964	748	901	1030	537
21	516	509	586	436	474	340	292	740	558	1150	1070	579
22	495	495	586	436	481	316	292	649	558	1140	1050	607
23	481	474	586	442	495	322	328	621	635	1090	1030	628
24	488	467	586	436	495	298	382	607	649	1040	1020	621
25	474	474	572	474	488	298	388	565	733	1040	1020	600
26	467	537	551	495	481	304	412	509	733	991	1010	558
27	448	558	530	495	502	316	412	448	663	1100	1000	467
28	442	551	558	304	509	310	388	418	635	1770	973	607
29	424	460	558	305	-----	310	370	376	649	1330	964	705
30	418	502	558	340	-----	328	394	352	621	1380	964	748
31	424	-----	530	360	-----	334	-----	600	-----	1110	964	-----
Mean	543	491	557	478	500	371	320	515	613	918	998	671
Max.	684	579	607	551	565	502	412	1070	838	1770	1250	1140
Min.	418	418	455	304	300	298	255	157	394	352	865	340
A.F.	33410	29220	34250	29420	2770	22800	19050	31670	36490	56450	61340	39910

Total acre-feet 421780

DISCHARGE IN SECOND-FEET OF
NORTH PLATTE RIVER BELOW
TRI-STATE DAM
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	110	28	368	74	25
2	85	31	165	81	66
3	75	19	150	67	85
4	58	19	160	45	131
5	32	17	68	64	298
6	29	15	25	53	287
7	24	15	23	28	215
8	20	15	21	25	108
9	19	16	17	24	68
10	17	32	13	24	32
11	15	71	63	24	20
12	14	65	248	30	19
13	14	49	236	25	19
14	19	27	215	25	19
15	17	26	194	24	19
16	188	25	119	23	19
17	245	27	97	23	19
18	262	39	73	23	18
19	267	125	57	23	19
20	230	68	58	36	19
21	61	34	101	77	20
22	23	33	73	61	21
23	17	32	48	41	21
24	17	53	25	49	30
25	17	470	23	32	32
26	17	150	23	42	29
27	18	540	36	25	23
28	19	550	135	21	125
29	18	565	11	20	322
30	18	560	75	18	413
31	20	-----	57	18	-----
Mean	65	137	96	37	85
Max.	284	565	368	81	413
Min.	14	15	11	18	18
A.F.	3980	8160	5900	2270	5040

Total acre-feet for 5 month period 25350

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT MITCHELL

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1070	788	760	799	487	668	506	455	329	1220	556	437
2	1090	772	750	750	516	689	506	318	478	1060	566	441
3	1080	750	766	755	616	657	491	304	406	935	576	1390
4	1090	755	794	766	722	646	496	304	337	994	487	1460
5	1110	766	716	777	722	641	501	290	294	794	496	1200
6	1110	772	641	744	777	657	516	269	308	455	491	1060
7	1080	772	657	722	750	636	501	232	297	368	446	1080
8	1080	794	744	728	782	576	491	225	308	415	393	1040
9	1200	782	760	738	772	551	496	186	325	364	368	922
10	1140	738	777	728	788	561	526	178	337	290	348	858
11	1070	777	794	728	782	566	496	216	393	329	329	799
12	1030	804	810	733	772	551	473	252	464	586	325	777
13	994	828	810	711	716	556	487	280	437	616	322	755
14	928	846	788	722	706	556	464	576	318	641	311	711
15	896	816	794	716	700	551	459	496	255	641	311	673
16	876	782	788	744	700	546	464	576	222	611	300	631
17	902	777	804	750	706	536	459	744	216	501	286	581
18	876	777	799	716	684	521	459	716	269	419	286	501
19	852	804	810	700	700	506	473	700	556	344	283	506
20	840	782	828	689	695	526	478	673	566	290	290	526
21	846	804	846	668	684	546	478	424	511	389	311	551
22	828	794	852	668	673	531	464	376	511	566	352	566
23	822	772	852	706	673	521	473	258	611	501	325	586
24	834	777	864	711	684	501	566	252	895	398	348	621
25	828	766	864	728	689	487	561	242	1540	333	344	684
26	816	788	846	755	689	487	521	255	1620	286	348	766
27	804	804	834	706	689	506	501	252	1390	272	348	722
28	794	794	852	566	678	496	521	272	1260	1010	337	755
29	766	760	834	478	.....	482	491	262	1230	858	337	1040
30	772	750	810	496	.....	496	478	229	1230	750	337	1240
31	788	.....	799	561	.....	511	.....	216	.....	571	341	.....
Mean	942	783	795	703	698	557	493	353	597	574	371	798
Max.	1200	846	864	799	788	689	566	744	1620	1220	576	1460
Min.	766	738	641	478	487	482	459	178	216	272	283	437
A.F.	57940	46590	48880	43210	38780	34240	29350	21680	35530	35320	22810	47480

Total acre-feet 461810

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT MINATURE

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1530	1150	1100	1040	680	951	722	722	511	1540	689	673
2	1520	1150	1090	1030	680	967	735	624	640	1410	689	743
3	1480	1120	1100	1020	800	956	736	550	718	1280	686	2500
4	1440	1090	1120	1050	900	942	716	474	647	1260	664	2490
5	1420	1100	1040	1070	1020	909	698	435	585	1150	656	2070
6	1380	1100	976	1060	984	907	703	444	569	850	686	1820
7	1350	1130	973	1040	978	905	687	440	554	614	648	1760
8	1320	1160	1000	1050	999	848	681	417	517	619	603	1680
9	1340	1120	1010	1050	1020	811	692	372	581	578	569	1550
10	1360	1070	1040	1040	1050	801	708	306	718	478	538	1490
11	1350	1130	1070	1020	1060	796	702	240	756	496	522	1470
12	1360	1140	1100	1030	1050	802	691	259	808	731	531	1440
13	1360	1200	1120	1010	1020	796	680	291	801	827	527	1380
14	1340	1210	1120	991	1000	793	680	386	699	892	497	1250
15	1300	1160	1120	993	985	793	672	520	559	938	479	1220
16	1280	1140	1120	1010	1010	792	669	564	496	927	465	1160
17	1280	1120	1120	1010	1020	774	664	786	488	859	443	1120
18	1280	1110	1110	993	989	768	664	805	524	781	439	1030
19	1260	1120	1110	960	1000	747	645	743	850	628	458	978
20	1250	1120	1110	965	989	769	650	736	894	447	448	914
21	1250	1150	1110	947	974	773	649	675	935	458	482	916
22	1230	1140	1110	956	960	780	638	538	905	606	518	933
23	1230	1120	1110	963	932	754	641	463	1080	648	520	993
24	1210	1110	1090	956	943	754	727	415	1150	582	548	1040
25	1190	1120	1090	958	951	751	767	392	2750	522	566	1100
26	1170	1130	1060	989	951	752	762	381	2160	453	580	1100
27	1150	1150	1060	961	960	760	733	395	1740	432	572	1070
28	1140	1130	1050	944	948	748	737	411	1590	634	543	1060
29	1130	1120	1060	856	.....	739	730	357	1510	1010	545	1230
30	1120	1090	1050	780	.....	735	720	311	1490	950	551	1460
31	1140	.....	1050	720	.....	731	.....	332	.....	868	529	.....
Mean	1295	1130	1076	983	959	810	697	477	941	789	555	1321
Max.	1530	1210	1120	1070	1060	967	767	805	2750	1540	689	2500
Min.	1120	1070	973	720	680	731	638	240	488	432	439	673
A.F.	79660	67240	66170	60460	53260	49790	41450	29320	55980	48530	34100	78630

Total acre-feet 664590

BUREAU OF IRRIGATION

425

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT BRIDGEPORT

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2320	1540	1480	1360	1030	1220	1050	940	702	2210	1070	1100
2	2210	1510	1520	1340	1190	1220	1030	900	1020	2030	1000	1360
3	2110	1510	1530	1310	1540	1180	998	771	1200	1860	929	3590
4	1990	1540	1570	1300	1960	1170	989	705	1200	1760	961	4500
5	2020	1520	1340	1320	1970	1170	981	651	1040	1650	1060	3860
6	2050	1540	1290	1340	1890	1180	1000	661	999	1470	1040	3140
7	2000	1550	1220	1210	1840	1190	979	694	993	1130	991	2870
8	1940	1540	1370	1180	1780	1160	979	655	915	955	900	2730
9	1940	1490	1410	1290	1450	1110	970	623	902	1080	872	2730
10	1960	1440	1420	1300	1300	1160	1010	619	1210	970	822	2500
11	1970	1450	1430	1280	1230	1100	1010	556	1190	985	790	2320
12	1950	1500	1460	1270	1220	1080	998	490	1190	1220	795	2300
13	1950	1550	1470	1300	1220	1080	1010	476	1220	1350	798	2180
14	1900	1600	1480	1230	1210	1090	1020	499	1170	1390	762	2050
15	1800	1600	1470	1260	1210	1090	1010	627	996	1430	733	2030
16	1770	1560	1440	1270	1210	1090	982	740	850	1440	729	2020
17	1760	1560	1460	1280	1220	1050	937	1270	878	1430	678	2000
18	1760	1560	1470	1290	1230	1030	857	1420	907	1510	633	1970
19	1720	1560	1460	1290	1240	1010	858	1290	1530	1120	634	1800
20	1730	1580	1460	1310	1260	1030	928	1210	1620	877	658	1680
21	1750	1550	1460	1260	1260	1020	936	1190	1690	720	644	1590
22	1760	1500	1460	1220	1240	1050	909	1050	1510	796	682	1580
23	1720	1440	1430	1230	1220	1080	871	855	1680	926	747	1630
24	1640	1410	1420	1260	1190	1090	870	744	1710	891	855	1750
25	1620	1430	1440	1260	1180	1080	1090	709	2080	817	860	1790
26	1640	1440	1460	1290	1180	1060	1140	668	3220	724	822	1760
27	1610	1440	1430	1280	1240	1060	1140	644	2510	782	839	1800
28	1560	1480	1380	1070	1220	1060	1020	630	2120	853	826	1820
29	1560	1500	1340	640	-----	1070	978	558	1980	1040	787	1860
30	1560	1490	1340	830	-----	1070	969	543	1930	1240	841	2000
31	1540	-----	1350	850	-----	1060	-----	584	-----	1170	847	-----
Mean	1833	1513	1428	1223	1355	1100	984	774	1405	1211	826	2211
Max.	2320	1600	1570	1360	1970	1220	1140	1420	3220	2210	1070	4500
Min.	1540	1410	1220	640	1030	1010	857	476	702	720	633	1100
A.F.	112680	90010	87790	75190	75230	67660	58550	47570	83630	74430	50790	131540

Total acre-feet 955070

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT LISCO

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2220	1730	1650	1600	920	1380	1120	989	937	2380	1210	1140
2	2220	1740	1620	1580	1020	1430	1100	976	1040	2450	1080	1660
3	2130	1730	1620	1540	1200	1360	1140	950	1320	2110	1000	2250
4	2110	1730	1600	1510	1480	1400	1150	825	1420	1890	963	4100
5	2080	1710	1490	1490	1900	1340	1220	742	1280	1830	1100	4760
6	2030	1660	1280	1460	1790	1310	1240	673	1250	1630	1150	4100
7	1990	1660	1170	1400	1680	1320	1150	673	1190	1380	1160	3250
8	1980	1700	1300	1400	1620	1320	1080	684	1160	1000	1100	2980
9	1990	1630	1570	1440	1600	1220	1070	763	1120	963	963	2820
10	1990	1480	1780	1440	1580	1140	1080	650	1370	1110	950	2730
11	2010	1580	1960	1460	1570	1240	1110	617	1600	1190	896	2510
12	2010	1630	2210	1490	1520	1210	1060	562	1510	1420	813	2510
13	1980	1660	1970	1490	1510	1220	1040	508	1380	1430	849	2400
14	1840	1660	1790	1460	1460	1280	1060	530	1380	1440	861	2290
15	1920	1710	1700	1490	1440	1180	989	617	1340	1430	860	2250
16	1910	1700	1700	1510	1480	1220	976	673	1160	1440	708	2180
17	1920	1700	1680	1480	1520	1240	1020	1000	1180	1460	696	2100
18	1840	1710	1680	1480	1480	1220	1000	1420	1110	1320	628	2040
19	1880	1710	1660	1490	1430	1210	976	1360	1320	1140	650	1940
20	1880	1760	1630	1460	1420	1280	1000	1280	1810	1020	708	1810
21	1840	1810	1620	1420	1430	1310	1000	1270	1910	950	730	1790
22	1810	1760	1620	1440	1430	1310	1000	1210	1940	789	696	1810
23	1810	1700	1630	1440	1400	1250	1040	1100	2010	849	719	1830
24	1780	1620	1630	1420	1400	1150	1100	1030	2580	963	849	1880
25	1680	1660	1620	1400	1420	1150	1250	924	2080	885	813	1910
26	1710	1650	1630	1400	1400	1160	1340	873	2560	825	801	1920
27	1740	1650	1600	1390	1380	1150	1360	837	3390	989	813	1910
28	1740	1660	1570	1270	1370	1120	1140	825	2650	950	789	1920
29	1790	1660	1570	1020	-----	1120	963	813	2290	924	813	1960
30	1760	1680	1570	900	-----	1150	950	825	2180	1240	950	2060
31	1760	-----	1600	910	-----	1150	-----	873	-----	1270	885	-----
Mean	1918	1681	1633	1409	1459	1243	1091	870	1649	1312	876	2360
Max.	2220	1810	2210	1600	1900	1430	1360	1420	3390	2450	1210	4760
Min.	1680	1460	1170	900	920	1120	950	508	937	789	628	1140
A.F.	117920	100010	100420	86640	81020	76440	64910	53520	98120	80660	53640	140450

Total acre-feet 1053950

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT OSHKOSH

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2260	1610	1680	1540	1010	1390	1170	846	780	2140	1050	1870
2	2430	1700	1650	1500	1000	1430	1150	715	855	2370	936	3030
3	2320	1680	1630	1500	1300	1170	1170	675	1020	2140	801	2610
4	2240	1660	1610	1560	1600	1140	1200	634	1290	1820	735	3700
5	2220	1700	1490	1470	2000	1310	1310	594	1400	1710	775	4560
6	2150	1720	1220	1360	1980	1340	1340	532	1340	1610	924	4520
7	2090	1700	1050	1320	1950	1320	1280	508	1250	1400	1040	3770
8	1970	1740	1200	1280	1930	1240	1200	580	1260	1140	1000	3020
9	1970	1740	1410	1320	1840	1030	1140	661	1160	958	953	2780
10	1970	1600	1680	1390	1720	980	1150	661	1260	1120	949	2750
11	1970	1610	2000	1360	1600	1090	1160	674	1490	1270	930	2540
12	1950	1650	2200	1390	1500	1140	1100	556	1670	1410	845	2460
13	1890	1690	2460	1440	1480	1290	1040	472	1470	1370	828	2350
14	1810	1710	2000	1520	1470	1430	1060	438	1450	1470	944	2250
15	1800	1760	1780	1580	1520	1410	1070	472	1430	1430	894	2160
16	1780	1760	1700	1570	1610	1380	1110	502	1220	1490	796	2160
17	1800	1740	1680	1620	1540	1390	1070	694	1180	1590	755	2170
18	1870	1700	1680	1700	1520	1430	1090	1270	1090	1590	684	2210
19	1930	1740	1590	1610	1500	1340	1110	1360	1040	1400	641	2190
20	1950	1740	1720	1590	1500	1310	1150	1480	1480	1210	626	1960
21	1930	1890	1810	1520	1560	1260	1170	1500	1700	1260	675	1980
22	1950	1890	1810	1500	1570	1290	1140	1250	1870	886	698	1890
23	1910	1810	1760	1430	1480	1270	1220	1140	1650	857	758	1850
24	1930	1560	1740	1380	1470	1220	1230	1080	2210	946	846	1820
25	1890	1570	1740	1350	1500	1170	1230	928	2170	930	785	1870
26	1870	1680	1630	1380	1520	1150	1240	809	2190	870	728	1820
27	1830	1720	1590	1350	1500	1120	1380	750	3130	915	771	1800
28	1740	1720	1630	1280	1470	1190	1240	763	3170	1050	816	1800
29	1650	1700	1660	1210	-----	1190	995	791	2370	917	829	1800
30	1630	1700	1570	990	-----	1190	920	732	2120	1060	874	1850
31	1630	-----	1560	1000	-----	1170	-----	871	-----	1160	866	-----
Mean	1946	1706	1675	1420	1558	1251	1161	804	1597	1338	831	2452
Max.	2380	1890	2460	1700	2000	1430	1380	1500	3170	2370	1050	4560
Min.	1630	1560	1050	990	1000	980	920	438	780	857	626	1800
A.F.	119660	101530	102960	87290	86560	76920	69090	49460	95040	82290	51080	145880

Total acre-feet 1067760

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT LEWELLEN

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2460	1950	1980	1830	1200	1510	1330	1100	1020	2430	1140	1660
2	2700	1980	1960	1800	1290	1550	1300	1050	966	2720	1050	4530
3	2580	1940	1920	1790	1370	1340	1290	1020	1040	2540	942	3700
4	2520	1900	1820	1650	1390	1340	1300	956	1310	2120	895	3960
5	2420	1890	1630	1550	1410	1340	1430	880	1390	1920	913	4740
6	2330	1870	1040	1450	1450	1340	1520	836	1330	1820	981	5420
7	2280	1870	790	1400	1700	1340	1390	830	1400	1560	1040	4960
8	2180	1940	1020	1300	2090	1340	1250	836	1500	1300	999	3680
9	2160	1940	1300	1240	2240	1340	1220	825	1320	1150	941	3150
10	2150	1800	1640	1350	2310	1340	1240	796	1420	1180	886	2990
11	2150	1790	2200	1400	2240	1340	1230	791	1500	1480	856	2770
12	2200	1910	2430	1320	1580	1340	1220	780	1750	1420	790	2300
13	2150	2020	2640	1310	1390	1340	1180	757	1580	1390	782	2610
14	2090	2020	2600	1340	1480	1340	1160	737	1510	1380	836	2520
15	2070	2020	2310	1380	1540	1340	1130	758	1420	1380	845	2440
16	2080	1930	2130	1660	1620	1340	1120	766	1320	1360	743	2400
17	2060	1840	2070	1740	1830	1490	1120	859	1430	1430	688	2300
18	2020	1770	2050	2110	1740	1420	1130	1270	1420	1480	636	2230
19	2000	1760	2020	1920	1720	1350	1090	1650	1200	1310	582	2090
20	2000	1750	2020	1660	1750	1370	1150	1720	1430	1180	582	1920
21	1990	1830	1980	1360	1700	1400	1250	2060	1940	1290	636	1920
22	1980	1830	1950	1330	1720	1440	1230	1630	2200	1170	690	1780
23	1960	1710	1900	1710	1700	1440	1170	1460	2280	944	752	1790
24	1990	1680	1900	1610	1640	1370	1160	1280	2290	940	1020	1833
25	1990	1840	1890	1790	1640	1360	1190	1130	2570	952	937	1910
26	1980	2100	1890	2090	1630	1360	1310	1000	2180	890	883	1870
27	1970	2060	1850	1440	1600	1380	1470	889	2870	915	876	1880
28	1960	2020	1840	768	1590	1370	1350	849	3460	1050	890	1880
29	1930	2000	1820	1120	-----	1350	1180	825	2700	963	987	1900
30	1960	1990	1810	1150	-----	1340	1110	788	2400	941	900	1940
31	1980	-----	1810	1200	-----	1340	-----	777	-----	1170	970	-----
Mean	2138	1898	1881	1509	1663	1374	1240	1036	1738	1400	857	2713
Max.	2700	2100	2640	2110	2310	1550	1520	2060	3460	2720	1140	5420
Min.	1930	1680	790	768	1200	1340	1090	737	966	890	582	1660
A.F.	131480	112960	115680	92760	92350	84500	73800	63680	103430	86090	52720	161450

Total acre-feet 1170880

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET—Sec. 3-14-38 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1635400	1690400	1726000	1768100	1783400	1823000	1813800	1795600	1835400	1907000	1872600	1771200
2	1638300	1693300	1729000	1768100	1783400	1820000	1813800	1795600	1838500	1910200	1869500	1774200
3	1641200	1693300	1729000	1771200	1783400	1823000	1810800	1798600	1838500	1910200	1866400	1777200
4	1644000	1696200	1732000	1771200	1786400	1820000	1810800	1798600	1838500	1913400	1860200	1780300
5	1646900	1690400	1732000	1771200	1789400	1820000	1807800	1798600	1841600	1913400	1860200	1783400
6	1649800	1699100	1732000	1771200	1789400	1823000	1807800	1798600	1844700	1913400	1857100	1786400
7	1649800	1699100	1729000	1771200	1789400	1823000	1807800	1798600	1850900	1913400	1854000	1792500
8	1649800	1699100	1729000	1771200	1790500	1823000	1804700	1801600	1854000	1913400	1856900	1796600
9	1649800	1702000	1729000	1771200	1795600	1823000	1804700	1801600	1857100	1913400	1847800	1801600
10	1652700	1702000	1729000	1771200	1798600	1820000	1801600	1801600	1860200	1907000	1841600	1801600
11	1652700	1702000	1729000	1774200	1801600	1820000	1798600	1801600	1863300	1907000	1841600	1804700
12	1655600	1702000	1732000	1774200	1807800	1820000	1798600	1801600	1863300	1907000	1835400	1804700
13	1658500	1702000	1735000	1774200	1807800	1820000	1795600	1801600	1866400	1907000	1832300	1804700
14	1661400	1705000	1738000	1774200	1807800	1820000	1792500	1801600	1869500	1903900	1829200	1807800
15	1661400	1705000	1741000	1774200	1807800	1820000	1789400	1804700	1869500	1903900	1826100	1807800
16	1664300	1705000	1744000	1774200	1810800	1823000	1786400	1807800	1872600	1900800	1823000	1807800
17	1667200	1708000	1747000	1777200	1813800	1823000	1786400	1807800	1875700	1900800	1816900	1807800
18	1670100	1708000	1747000	1780300	1813800	1823000	1783400	1810800	1875700	1900800	1813800	1807800
19	1673000	1708000	1750000	1780300	1813800	1823000	1783400	1813800	1878800	1900800	1810800	1810800
20	1675900	1708000	1753000	1780300	1813800	1823000	1780300	1816900	1878800	1900800	1807800	1810800
21	1675900	1711000	1753000	1780300	1816900	1823000	1780300	1820000	1881900	1897600	1801600	1810800
22	1675900	1714000	1756000	1780300	1816900	1823000	1783400	1823000	1885000	1894400	1795600	1810800
23	1678800	1714000	1756000	1783400	1816900	1823000	1783400	1823000	1888200	1894400	1789400	1810800
24	1681700	1714000	1756000	1783400	1816900	1823000	1783400	1826100	1891300	1891300	1792500	1810800
25	1681700	1714000	1759000	1783400	1820000	1820000	1783400	1829200	1891300	1888200	1789400	1810800
26	1684600	1717000	1759000	1783400	1820000	1820000	1783400	1829200	1894400	1885000	1796400	1810800
27	1684600	1720000	1759000	1783400	1820000	1820000	1786400	1826100	1897600	1885000	1786400	1810800
28	1687500	1723000	1762000	1783400	1820000	1820000	1789400	1826100	1900800	1881900	1780300	1807800
29	1687500	1723000	1762000	1783400	1820000	1820000	1789400	1826100	1903900	1881900	1777200	1807800
30	1687500	1726000	1765000	1783400	1820000	1816900	1793500	1829200	1907000	1881900	1774200	1807800
31	1690400	1765000	1765000	1783400	1816900	1816900	1816900	1832300	1832300	1878800	1774200	1807800

SUTHERLAND RESERVOIR SYSTEM

Combined Storage in Sutherland and Regulator Reservoirs—Township 13 N.,
Ranges 30 and 33 W. Total Live Storage in Acre-feet.

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	74092	47828	47986	45862	41447	47423	60076	68697	43266	40585	59227	57145
2	73776	47122	47986	45913	40016	47895	60425	67281	42050	41592	58717	57631
3	72832	46580	48222	45647	39399	48522	61361	65599	41315	42893	58576	57915
4	72809	45799	47699	45539	38869	49342	62986	63461	40074	43603	58658	58596
5	72267	45716	47877	45351	38218	49721	64189	62735	38432	44248	58741	59141
6	71440	45221	46241	45004	37808	50379	65520	61234	36751	45455	58561	59603
7	70719	44864	45414	44734	37382	51033	66299	59825	36073	46220	58197	60952
8	71080	44160	44229	44739	37218	51195	67724	58340	36911	46271	57453	61011
9	71073	43967	42402	44372	37241	51303	69335	56761	37174	46606	57513	63000
10	70257	43863	41843	44036	37204	51550	70615	54513	36844	46843	56946	62589
11	69110	43407	41998	43781	38531	51714	71881	52882	36770	49094	57036	62930
12	67898	43462	42190	43715	38811	51932	73029	51687	37089	49538	57207	63290
13	66904	43231	42239	43419	38869	52342	74632	50459	37382	51177	57545	63940
14	65128	42975	42630	43649	38401	52695	75759	50295	37777	52587	57828	65033
15	64055	42884	42941	43496	38093	53190	76526	51155	38263	53750	57622	66054
16	62831	43087	43114	43603	37547	53759	77835	50697	38272	54186	56995	66856
17	61494	44310	43674	44227	38011	53722	78977	50250	38889	55179	57140	68112
18	60448	46970	43548	44906	38965	54066	79093	49427	38248	55704	57253	68676
19	59246	47604	43920	45332	40110	54074	79472	48742	38946	56065	56995	69057
20	58224	47529	44328	45408	40953	54052	79605	47840	36991	56638	56823	69456
21	56762	47520	44501	43714	41725	54009	78828	47397	35887	56633	56566	68134
22	56301	47409	44999	45801	42484	53972	78183	48714	35920	57034	56196	68249
23	55553	47031	45182	46030	43511	54082	77374	49530	37653	57719	55592	68303
24	54376	47001	45586	46203	44329	54144	76550	49814	39351	58291	56314	67926
25	53506	46988	46096	46504	45026	55302	75752	49291	39809	58257	56253	68218
26	52445	47312	45682	46886	45510	55760	74841	48554	40307	57852	56400	68525
27	51714	47506	45129	46749	46419	56303	73966	48063	39620	57967	56773	69087
28	50290	47908	45127	47005	46862	56532	72952	47337	39903	58711	56396	69809
29	50171	47892	45162	45425	-----	56962	71802	46708	39865	59456	56134	70308
30	49244	47939	45131	44235	-----	57578	70512	46045	40373	59828	56706	70770
31	48450	-----	45678	43164	-----	58644	-----	44976	-----	59741	56798	-----

Note: For total live storage, add 8100 A.F.

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT KEYSTONE

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	8	4	7	7	7	509	315	97	209	1030	420
2	8	12	5	8	6	14	499	315	63	235	1010	446
3	8	8	5	8	5	39	504	331	58	229	974	456
4	8	8	6	6	5	7	591	376	56	203	955	376
5	10	5	8	6	5	11	635	539	60	229	889	242
6	22	4	5	7	5	5	570	519	66	225	913	249
7	31	5	5	8	5	11	524	509	70	281	1100	222
8	19	8	5	7	5	9	442	519	94	335	1230	132
9	9	13	16	6	5	7	499	509	4	289	1390	119
10	8	8	5	5	6	5	651	554	3	296	1490	115
11	6	6	5	5	5	6	663	602	3	267	1480	129
12	6	5	5	5	4	7	640	686	2	145	1480	155
13	5	166	4	5	4	5	646	698	4	172	1370	101
14	5	372	4	12	4	5	663	663	19	263	1350	115
15	4	534	4	8	5	5	674	420	9	267	1290	110
16	5	608	8	8	5	7	635	274	14	327	1200	132
17	5	657	5	12	5	4	657	289	5	465	1060	129
18	5	539	5	8	5	39	745	285	4	465	1080	127
19	5	208	4	5	5	12	751	323	9	249	1080	172
20	5	8	5	5	5	3	618	570	5	249	1080	212
21	5	8	5	5	5	2	475	415	6	229	1060	203
22	5	7	6	15	5	12	539	150	6	229	994	190
23	5	6	5	55	5	73	524	393	17	229	907	196
24	5	6	6	6	6	15	514	576	4	222	877	196
25	5	7	8	6	7	4	529	663	3	222	591	196
26	5	4	8	24	9	4	376	775	4	239	565	239
27	7	4	7	8	12	6	514	775	48	323	618	203
28	8	4	12	401	47	20	529	781	70	376	763	200
29	8	4	8	8	-----	14	469	440	203	203	727	209
30	9	4	8	7	-----	351	446	84	212	256	640	200
31	12	7	7	7	-----	514	-----	68	-----	602	499	-----
Mean	8	108	6	22	7	40	575	485	41	275	1022	206
Max	31	657	16	401	47	514	751	781	212	602	1490	456
Min.	4	4	4	4	4	2	442	68	2	145	499	101
A.F.	508	6420	383	1350	387	2440	34240	28590	2420	16920	62860	12280

Total acre-feet 168800

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT SUTHERLAND

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	92	21	162	105	140	175	544	544	340	280	458	372
2	139	35	175	130	130	170	578	435	386	346	845	386
3	130	46	162	135	120	152	596	366	300	316	918	458
4	130	46	160	135	120	180	605	328	210	274	908	480
5	120	43	135	130	130	180	736	398	195	252	825	428
6	120	35	100	120	140	170	707	512	195	274	785	328
7	126	32	120	120	145	170	614	504	435	269	726	340
8	152	35	130	100	145	161	587	496	805	274	785	316
9	109	40	130	135	160	159	552	496	560	366	856	225
10	92	50	160	115	160	167	632	504	412	632	983	195
11	74	80	190	115	165	168	726	528	360	488	1040	166
12	48	130	195	135	140	161	745	552	396	398	1080	190
13	30	160	200	140	100	178	755	688	298	298	1080	205
14	22	247	190	155	120	185	765	1100	322	258	1080	162
15	22	465	180	185	140	148	775	1130	225	304	1020	139
16	21	614	162	165	160	144	785	825	190	298	983	120
17	22	707	157	160	170	144	736	650	252	360	929	116
18	22	688	148	155	175	139	736	650	230	536	825	123
19	21	544	144	130	175	152	795	512	170	536	785	123
20	22	372	139	115	193	152	845	496	130	340	835	148
21	18	274	134	115	180	152	755	736	134	298	795	220
22	18	210	130	160	180	152	623	578	260	266	775	185
23	19	160	130	160	170	148	650	346	230	242	775	185
24	21	130	134	175	166	190	623	472	195	230	929	180
25	22	264	134	165	195	152	623	623	134	230	805	175
26	26	274	116	150	175	152	660	669	106	242	504	166
27	22	185	106	120	170	152	765	745	80	236	496	190
28	21	162	120	140	175	152	587	745	77	520	488	185
29	21	157	135	140	.....	152	578	775	95	587	560	190
30	22	162	130	140	.....	152	552	512	144	310	512	205
31	22	.....	130	145	.....	353	.....	379	.....	252	435	.....
Mean	56	212	146	138	155	167	675	590	263	340	801	231
Max.	152	707	200	185	195	353	845	1130	805	632	1080	480
Min.	18	21	100	105	100	139	544	328	77	230	435	116
A.F.	3460	12630	9000	8510	8610	10250	40140	36290	15620	20890	49270	13730

Total acre-feet 228400

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT NORTH PLATTE

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	370	281	393	386	300	465	690	774	785	582	517	763
2	417	314	393	363	270	457	785	774	864	752	774	752
3	401	294	370	360	275	425	796	630	650	730	1050	829
4	378	314	401	380	280	425	818	553	517	640	1100	864
5	356	300	400	330	340	465	888	525	474	582	1050	829
6	356	300	300	280	360	448	1140	640	474	592	936	730
7	328	314	320	285	380	409	973	690	888	563	912	650
8	335	321	370	290	390	342	864	710	1720	500	924	620
9	370	300	380	330	450	390	796	700	1670	544	936	553
10	328	330	410	350	450	380	829	680	1090	900	973	482
11	269	350	440	310	450	350	960	670	876	986	1060	457
12	257	370	470	320	390	320	948	730	1100	796	1330	508
13	263	380	520	300	294	380	1010	936	829	700	1350	520
14	244	400	510	320	300	480	1020	2730	829	553	1350	440
15	238	470	430	430	380	520	1040	4290	670	517	1460	409
16	250	550	420	420	450	425	1010	2580	508	572	1280	400
17	250	640	420	380	460	401	936	1500	611	601	1190	393
18	250	710	425	360	480	370	924	1770	730	1010	1120	386
19	250	760	425	360	460	363	960	1260	611	1050	1040	370
20	238	720	393	328	550	393	1080	960	474	763	1050	356
21	244	640	393	328	550	386	1180	1100	491	601	1060	417
22	244	525	370	340	500	378	888	1210	1500	601	1060	474
23	263	508	363	430	491	386	864	807	1140	525	1050	474
24	257	490	363	370	482	386	876	680	829	500	1160	474
25	269	420	370	460	534	409	852	900	611	465	1280	457
26	294	450	370	470	482	393	888	960	474	457	986	432
27	300	470	307	250	465	401	1230	1080	432	440	912	432
28	294	457	328	290	508	378	999	1130	417	710	840	448
29	294	432	417	295	.....	356	840	1140	425	1080	796	457
30	300	425	432	310	.....	370	840	1050	417	752	818	457
31	294	.....	417	310	.....	401	.....	829	.....	525	752	.....
Mean	296	441	397	347	419	402	931	1129	770	664	1039	528
Max.	417	760	520	250	550	520	1230	4290	1720	1080	1460	864
Min.	238	281	300	470	270	320	690	525	417	440	517	356
A.F.	18230	26250	24430	21330	23250	24700	55390	69400	45830	40840	63900	31430

Total acre-feet 444980

REPORT OF THE STATE ENGINEER

*DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
AT JULESBURG, COLORADO
Water Year Ending September 30, 1950

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	189	431	380	311	400	433	362	83	48	36	48	30
2	202	429	376	327	440	495	346	79	46	34	50	31
3	236	429	378	231	505	569	385	75	45	40	44	30
4	260	427	377	180	577	601	446	72	42	42	44	31
5	271	427	377	230	648	626	457	84	42	44	55	32
6	276	417	382	297	597	633	445	144	38	36	365	32
7	283	412	387	456	556	617	443	155	37	36	711	32
8	325	412	387	496	549	509	443	158	34	38	387	31
9	369	402	383	438	523	569	444	132	34	32	244	36
10	462	390	395	356	491	602	444	100	34	34	191	43
11	508	390	400	364	455	594	446	79	34	35	171	50
12	518	390	248	344	436	589	462	75	37	33	159	51
13	497	383	226	326	402	684	431	66	36	35	200	55
14	466	384	259	314	399	702	444	57	36	34	159	52
15	453	390	286	307	388	638	396	52	32	34	140	62
16	451	395	330	337	394	639	374	52	32	32	146	72
17	434	390	380	307	394	653	338	49	34	34	119	138
18	434	395	403	291	398	679	297	48	36	32	76	161
19	427	405	430	347	447	675	244	47	35	32	60	167
20	416	421	361	447	490	689	195	42	40	28	58	184
21	406	431	289	507	503	710	164	42	40	40	48	245
22	396	437	263	468	524	726	146	40	40	76	48	385
23	386	423	258	427	518	713	127	46	42	196	42	375
24	322	395	374	406	485	652	116	38	61	211	43	367
25	356	395	289	266	459	563	100	44	72	140	42	357
26	325	395	298	330	445	507	93	61	72	98	42	296
27	328	395	291	380	434	469	84	64	56	79	44	260
28	350	390	292	418	433	458	94	60	46	66	44	179
29	400	384	305	348	.....	424	92	62	44	56	43	164
30	423	384	327	278	.....	386	89	60	40	55	37	157
31	430	.....	316	352	.....	384	.....	53	.....	50	.....	28
Mean	376	405	334	351	475	587	299	72	42	57	125	136
Max.	518	437	430	507	648	726	462	158	72	211	711	385
Min.	189	383	226	180	388	384	89	38	32	28	28	30
A.F.	23130	24100	20520	21590	26360	36080	17770	4400	2510	3510	7710	8100

Total acre-feet 195800

*Not published in Twenty-Eighth Biennial Report

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
AT JULESBURG, COLORADO
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	154	204	341	313	242	270	85	216	168	444	37	70
2	150	221	349	312	251	263	86	211	141	418	39	198
3	149	232	361	328	259	256	75	198	122	499	38	455
4	148	252	370	328	265	261	71	176	114	463	38	431
5	145	260	306	312	278	258	76	161	111	375	41	383
6	147	263	162	308	278	250	76	152	114	318	485	345
7	184	252	165	309	298	236	76	139	147	266	1350	390
8	165	237	224	306	339	197	78	120	139	223	1050	481
9	165	238	287	308	382	190	81	87	115	161	1430	866
10	153	206	347	313	478	203	86	80	171	180	1980	1070
11	162	251	390	328	422	221	109	76	246	144	1230	889
12	162	367	442	328	386	228	144	74	425	136	826	789
13	156	353	446	340	354	242	150	76	427	124	591	712
14	153	362	400	339	334	245	155	81	326	115	443	661
15	148	368	378	344	300	242	165	80	258	112	336	612
16	156	364	369	336	314	234	173	78	216	99	240	518
17	151	363	365	325	336	238	186	83	212	94	161	456
18	145	364	365	285	360	238	187	80	248	102	124	375
19	142	364	364	293	346	233	174	80	183	94	125	303
20	134	364	360	292	328	245	166	395	168	82	114	209
21	144	372	351	298	319	248	203	655	172	77	108	172
22	155	372	342	316	315	190	215	283	212	93	100	152
23	158	348	333	308	313	187	207	222	628	90	95	142
24	150	333	325	300	311	190	179	199	771	72	93	186
25	136	366	321	300	310	197	150	181	667	65	86	237
26	136	350	314	296	302	184	143	172	589	58	84	288
27	123	334	306	294	296	181	163	158	524	52	81	353
28	128	321	304	275	278	195	184	156	513	44	76	395
29	130	333	312	254	.....	145	203	153	553	44	74	358
30	151	341	312	261	.....	114	216	130	469	40	67	320
31	181	.....	314	263	.....	97	.....	144	.....	40	68	.....
Mean	150	312	333	307	321	275	142	164	305	165	375	427
Max.	184	372	446	344	478	270	216	655	771	499	1980	1070
Min.	123	204	162	254	242	97	71	74	111	40	37	70
A.F.	9240	18560	20480	18870	17840	13250	8450	10110	18140	10180	23030	25420

Total acre-feet 193570

BUREAU OF IRRIGATION

431

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
AT PAXTON

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	10	8	10	8	12	8	10	18	12	14	102
2	12	12	8	10	8	12	7	10	18	12	12	486
3	10	12	9	10	9	18	8	8	16	12	14	568
4	9	9	9	10	9	14	7	9	14	12	12	546
5	8	8	8	14	9	12	10	9	14	12	10	579
6	8	9	6	10	9	9	12	9	16	13	9	579
7	8	8	8	13	9	8	10	9	18	12	8	535
8	7	8	9	19	9	14	8	10	49	12	9	552
9	7	8	10	10	8	11	8	8	36	13	10	584
10	8	8	9	11	12	14	10	8	36	16	9	650
11	7	12	9	9	9	18	13	8	36	14	39	972
12	8	14	10	10	8	18	10	10	40	14	31	926
13	9	10	10	10	18	12	10	10	38	12	12	352
14	10	10	9	14	18	10	11	14	35	12	9	32
15	8	10	8	10	14	10	8	22	29	12	8	88
16	8	10	8	9	10	9	8	22	25	11	7	42
17	8	11	8	9	10	9	8	19	24	10	6	37
18	8	11	8	10	10	8	8	20	22	16	6	32
19	9	10	8	11	12	11	8	16	21	13	40	28
20	9	10	9	10	12	10	10	15	20	12	124	24
21	8	10	9	14	12	10	10	939	20	12	102	20
22	8	9	9	10	10	9	10	1180	21	20	89	20
23	8	8	9	11	10	11	14	62	20	30	77	20
24	9	10	9	10	12	8	10	46	19	14	138	19
25	8	10	9	10	13	8	10	38	18	12	237	18
26	8	18	8	10	11	10	10	30	16	10	206	17
27	8	11	10	10	10	10	12	26	15	10	186	16
28	11	10	10	9	12	12	12	23	14	55	189	15
29	12	10	11	8	.....	8	12	21	13	50	174	14
30	8	8	12	8	.....	8	10	24	12	24	142	14
31	10	11	11	8	.....	8	.....	19	.....	17	115	.....
Mean	9	10	9	11	11	11	10	86	23	16	66	271
Max.	12	18	12	19	18	18	14	1180	49	55	237	972
Min.	7	8	6	8	8	8	7	8	12	10	6	14
A.F.	530	600	550	650	600	680	580	5260	1370	1000	4050	16150

Total acre-feet 32020

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
AT NORTH PLATTE

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	156	163	158	130	90	158	135	153	260	239	187	290
2	161	163	161	135	100	158	132	166	264	246	185	286
3	161	158	156	146	125	158	132	163	246	233	187	439
4	166	156	151	148	155	161	135	163	229	213	187	689
5	161	153	150	148	155	151	142	163	213	204	187	689
6	153	151	120	142	155	146	148	161	199	204	182	668
7	153	151	120	161	150	151	142	161	267	201	207	627
8	151	151	130	158	155	146	137	156	614	193	185	594
9	153	144	130	163	155	139	137	148	620	193	187	614
10	146	142	140	156	150	144	137	148	482	236	169	627
11	151	148	150	153	155	137	139	151	418	250	163	682
12	158	151	166	151	150	132	148	156	493	250	171	870
13	158	153	163	146	144	137	139	171	439	246	190	838
14	166	156	163	137	146	144	126	1340	413	229	193	594
15	158	156	153	137	148	144	126	846	354	213	193	504
16	148	151	151	142	148	144	126	846	354	210	185	379
17	163	153	151	146	151	146	128	594	332	201	182	298
18	158	156	151	148	148	144	132	575	336	242	179	256
19	158	158	148	146	163	146	130	504	286	217	179	233
20	158	161	144	144	169	146	135	429	264	201	179	213
21	166	158	144	130	171	146	135	418	260	196	207	204
22	161	158	142	142	176	142	130	918	294	196	226	207
23	161	132	137	156	176	142	130	1070	310	187	229	199
24	166	132	137	163	176	139	137	539	346	185	260	193
25	171	148	135	158	176	139	146	408	306	176	294	193
26	174	161	135	148	174	139	151	359	278	171	341	190
27	169	156	142	126	174	142	196	323	260	166	354	182
28	163	156	139	142	176	139	185	290	250	196	318	182
29	161	156	128	125	.....	132	176	264	239	204	318	182
30	158	158	128	110	.....	132	156	242	229	220	318	176
31	169	.....	130	90	.....	135	.....	246	.....	196	306	.....
Mean	160	153	144	143	154	144	142	388	327	210	224	410
Max.	174	163	166	163	176	161	196	1340	620	250	354	870
Min.	146	132	120	90	90	132	126	148	199	166	163	176
A.F.	9830	9100	8830	8780	8550	8840	8430	23830	19460	12920	13780	24390

Total acre-feet 156740

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND SOUTH PLATTE RIVERS AT NORTH PLATTE

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1339	1638	1636	1600	1652	1815	1771	1773	1815	1881	2256	2376
2	1598	1714	1757	1719	1644	1900	1834	1636	1789	2276	2543	2255
3	1666	1678	1635	1733	1599	1762	1855	1488	1580	2203	2711	2467
4	1597	1651	1880	1748	1523	1555	1914	1449	1611	2009	2767	2778
5	1630	1422	1658	1652	1756	1687	1906	1394	1718	1922	2586	2669
6	1702	1631	1826	1622	1741	1614	1893	1521	1705	2038	2715	2599
7	1711	1664	1751	1621	1762	1631	1666	1557	2138	2071	2613	2489
8	1590	1687	1949	1699	1780	1734	1604	1594	3202	1937	2700	2481
9	1665	1664	2256	1850	1830	1813	1735	1593	3292	2061	2758	2206
10	1776	1665	1950	1725	1747	1705	1745	1564	2230	2293	2738	2281
11	1765	1718	1742	1706	1515	1594	1826	1522	1891	2126	2918	2343
12	1834	1601	1752	1717	1743	1526	1811	1595	2204	2000	2961	2521
13	1832	1736	1790	1722	1624	1641	1862	1804	1884	2038	3014	2549
14	1870	1669	1764	1590	1684	1843	1870	3884	1834	2045	2940	2172
15	1667	1789	1740	1885	1733	1837	1886	6719	1709	1869	3206	2075
16	1793	1750	1783	1828	1789	1720	1991	4101	1595	2155	3076	1866
17	1708	1757	1563	1699	1786	1884	1828	2712	1685	2189	3033	2050
18	1609	1073	1837	1693	1605	1685	1764	2866	1861	2684	2923	1962
19	1660	948	1659	1789	1800	1721	1818	2229	1712	2628	2631	1979
20	1650	1587	1600	1656	1925	1736	1922	1843	1696	2303	2717	2046
21	1653	1711	1545	1587	1941	1869	2022	1944	1871	2075	2823	2097
22	1533	1707	1565	1777	1889	1792	1657	2514	2533	2043	2871	2108
23	1641	1789	1550	1864	1811	1803	1779	2138	2174	2023	2874	2036
24	1653	1782	1438	1815	1853	1743	1811	1607	1940	2026	2918	2135
25	1664	1637	1478	1863	1784	1604	1782	1842	1853	2060	3056	1997
26	1722	1561	1608	1845	1878	1801	1869	1886	1768	2076	2701	2018
27	1733	1783	1562	1646	1724	1845	2007	1839	1791	2077	2648	2045
28	1694	1624	1605	1482	1861	1849	1768	1950	1777	2367	2620	2069
29	1463	1700	1678	1636	.....	1804	1624	1948	1895	2531	2570	2074
30	1716	1706	1713	1570	.....	1876	1788	1786	1935	2327	2559	2017
31	1687	.....	1472	1636	.....	1770	.....	1917	.....	2922	2516	.....
Mean	1672	1635	1701	1709	1750	1742	1824	2136	1956	2170	2763	2224
Max.	1870	1789	2256	1885	1941	1884	2022	6719	3292	2922	3206	2778
Min.	1339	948	1438	1482	1523	1526	1604	1394	1580	1869	2256	1866
A.F.	102790	97270	104610	105070	97170	107110	108510	131340	116410	133400	169910	132360

Total acre-feet 1405950

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR BRADY

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	129	107	140	130	1100	304	177	246	635	289	317	596
2	156	120	124	132	1560	238	180	257	552	351	376	541
3	140	123	107	121	1390	244	162	199	469	476	579	479
4	130	122	128	116	1120	236	158	180	358	418	686	626
5	104	123	71	103	905	206	174	169	310	299	772	880
6	103	121	109	112	700	188	252	161	282	277	630	789
7	105	120	200	119	550	154	254	154	492	310	846	667
8	109	124	598	130	421	157	185	151	2270	299	716	616
9	108	93	900	126	390	226	167	151	3120	229	760	566
10	108	95	1170	123	380	170	182	148	1970	262	821	359
11	120	106	860	129	380	180	176	144	1040	430	936	405
12	117	107	400	123	290	300	149	138	637	449	963	512
13	118	132	250	127	210	760	168	154	613	403	1070	597
14	117	137	231	136	310	450	159	663	427	365	1030	432
15	116	132	220	142	297	303	154	3890	328	316	1000	351
16	115	141	207	146	276	261	167	5040	285	341	1120	283
17	112	136	205	150	261	215	203	2480	415	435	1060	169
18	115	171	207	142	271	184	158	1860	493	632	993	202
19	106	159	187	128	253	159	144	1500	443	979	865	207
20	106	182	145	96	308	162	161	886	331	791	578	214
21	107	173	148	133	333	151	206	630	277	521	697	213
22	110	149	143	134	388	184	261	494	631	383	773	242
23	111	121	131	130	322	175	182	1010	1080	301	834	249
24	113	140	129	133	305	170	160	501	1230	275	958	185
25	113	142	131	135	322	157	159	317	745	246	989	244
26	113	174	116	132	267	153	153	277	665	239	1080	205
27	113	198	107	105	262	156	326	241	454	223	836	177
28	112	171	145	70	380	166	389	229	383	293	834	174
29	110	154	151	350	.....	157	274	252	325	541	769	187
30	112	145	150	1000	.....	153	226	239	289	529	720	202
31	110	.....	151	1300	.....	173	.....	754	.....	432	636	.....
Mean	115	137	257	198	498	222	196	759	718	398	814	387
Max.	156	198	1170	1300	1560	760	389	5040	3120	979	1120	880
Min.	103	93	71	70	210	151	144	138	277	223	317	169
A.F.	7060	8170	15790	12200	27670	13670	11640	46640	42740	24460	50070	23050

Total acre-feet 283160

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT COZAD
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	82	165	235	221	647	540	252	387	864	347	74	498	
2	155	185	225	230	807	494	244	387	727	292	38	513	
3	105	184	230	192	944	403	261	378	641	208	56	500	
4	46	181	179	249	1100	364	241	309	506	276	147	552	
5	118	193	150	186	1010	370	246	277	402	274	94	708	
6	116	168	305	185	930	402	307	261	346	197	46	852	
7	114	196	315	188	920	381	370	236	376	172	60	793	
8	112	190	400	163	800	287	350	211	732	151	26	720	
9	149	140	600	225	600	257	303	248	2520	142	24	632	
10	194	117	750	217	500	240	276	231	2820	134	59	571	
11	182	174	1000	222	480	291	271	222	1870	154	59	405	
12	167	203	800	206	470	403	253	217	1130	231	37	428	
13	151	214	550	210	450	523	263	221	778	276	48	525	
14	143	214	441	203	300	537	267	282	1200	230	109	601	
15	134	207	368	210	520	581	232	1180	739	210	85	499	
16	123	190	337	208	362	525	245	4750	508	217	40	382	
17	119	211	315	218	386	453	246	4990	427	195	54	331	
18	115	211	312	241	380	384	270	2890	487	276	38	265	
19	111	228	305	229	370	312	233	2410	482	395	242	267	
20	121	241	295	217	403	328	258	1840	421	652	287	283	
21	115	223	253	199	456	286	290	1870	366	530	220	245	
22	111	316	256	219	530	279	298	1130	478	395	353	263	
23	107	265	256	194	450	303	347	872	420	245	312	261	
24	103	240	243	180	440	274	290	1010	1240	180	210	281	
25	99	270	237	173	380	425	259	268	690	1110	154	453	242
26	102	300	217	173	380	289	250	436	938	121	478	261	
27	105	337	213	140	407	266	526	375	736	41	591	235	
28	155	284	200	100	449	251	662	299	537	51	508	186	
29	157	255	263	200	.....	253	570	290	450	210	530	195
30	165	251	200	300	.....	244	472	240	373	297	523	226
31	159	.....	227	500	.....	250	.....	638	.....	166	484	.....
Mean	126	218	344	213	568	355	312	958	834	239	209	424	
Max.	194	337	1000	500	1100	581	662	4990	2820	652	591	852	
Min.	46	117	150	100	300	240	232	211	346	41	24	186	
A.F.	7770	13000	21180	13100	31570	21840	18570	58880	49650	14720	12860	25230	

Total acre-feet 288370

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT OVERTON
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1240	1580	1800	1720	1600	2090	1680	1550	1780	1930	701	1280
2	1300	1620	1830	1700	1400	2260	1750	1440	2010	1930	728	939
3	1300	1530	1830	1650	1300	2260	1720	1480	1900	1900	939	1110
4	1240	1620	1830	1500	1250	2280	1720	1370	1780	1480	838	1800
5	1170	1320	1560	1500	1540	2230	1700	1410	1480	1650	854	2060
6	1090	1460	1170	1530	1540	2090	1720	1370	1390	1850	1020	2120
7	838	1440	1410	1420	1590	2010	1780	1340	1240	1800	1030	2370
8	688	1650	1480	1460	1770	2010	1800	1090	1320	1500	920	2230
9	742	1600	1690	1450	1770	1960	1800	1130	2030	1530	634	2200
10	854	1750	1640	1470	1710	2010	1960	1070	3600	1580	536	2260
11	977	1720	1290	1460	1740	1870	1880	939	4580	1500	596	2340
12	1050	1440	2260	1460	1700	1390	2010	772	3330	1530	478	2310
13	1190	1650	1530	1420	1680	1590	1930	688	2660	1750	572	2230
14	1240	1500	1410	1440	1640	1660	1960	920	2960	1850	688	2200
15	977	1460	1530	1550	1890	1740	1720	1150	2930	1460	620	2230
16	1090	1460	1550	1720	2000	1800	1780	1930	2630	1850	596	1900
17	1280	1500	1390	1850	2200	1460	1700	4580	1980	1750	608	2030
18	1480	1460	1580	1880	2300	1550	1580	6510	2030	1680	620	2030
19	1500	1190	1550	1850	2430	1700	1340	4510	1830	1830	596	2060
20	1650	1500	1720	1850	1960	1830	1390	3550	1830	1800	854	1800
21	1850	1530	1680	1510	2030	1960	1700	3740	1750	1830	920	1800
22	1680	1600	1780	1690	2090	2010	1600	3300	1960	1500	772	1680
23	1550	1750	1720	1670	2170	2010	1750	2900	2170	1480	920	1600
24	1500	1680	1880	1620	2120	1900	1780	2510	2120	1260	920	1780
25	1390	2010	1750	1550	2200	1600	1320	2400	2630	1110	688	1800
26	1260	1780	1740	1580	2260	1500	1130	2010	3970	1020	674	1850
27	1240	2060	1650	1780	2170	1620	1320	1500	2990	1110	1190	1830
28	1090	1720	1570	1950	2200	1900	1410	1460	2570	1110	1460	1750
29	958	1720	1620	2140	.....	1960	1260	1600	2340	904	1500	1720
30	1280	1680	1620	1850	.....	1960	1480	1440	2170	1130	1750	1580
31	1530	.....	1580	1680	.....	2060	.....	1580	.....	920	1620	.....
Mean	1233	1599	1653	1642	1866	1880	1656	2040	2355	1533	866	1896
Max.	1850	2060	2260	2140	2430	2280	2010	6510	4580	1930	1750	2370
Min.	688	1190	1390	1420	1250	1390	1130	688	1240	904	478	939
A.F.	75820	95170	101630	100960	103640	115580	98520	125430	138920	94260	53240	112840

Total acre-feet 1216010

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT ODESSA

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1280	1210	1360	1220	1570	2100	1980	2020	1850	1670	610	1540
2	1300	1330	1560	1430	1420	2240	1700	1830	2240	1720	430	1440
3	1300	1210	1600	2020	1240	2190	1910	1600	2460	1800	678	917
4	1330	1210	1710	1860	1170	2370	2020	1420	2020	1570	660	1990
5	1190	1120	1440	1760	1440	2280	2240	1520	1800	956	516	2550
6	1080	936	1100	1790	1770	1990	2190	1400	1700	1300	594	2340
7	995	1230	1140	1890	1770	1960	2130	1100	1720	1420	782	2580
8	800	1420	1260	1600	1660	1850	1990	976	1620	1420	748	2310
9	610	1300	1290	1820	1780	1840	1750	1120	1830	1170	532	2190
10	878	1930	1300	1770	1720	1560	2190	1190	3290	1420	348	1800
11	1020	1670	1300	1670	1700	1380	1930	956	4390	1470	312	2020
12	898	1300	2000	1810	1420	1800	1930	878	3440	1640	245	1910
13	1020	1170	2140	1870	1380	1550	1930	765	2400	1850	158	1770
14	956	1280	1700	1780	1380	1630	1990	820	2980	1910	245	1850
15	936	1260	1470	1680	1480	1780	1770	1100	3190	1770	362	1990
16	642	1190	1730	1760	1780	1860	1440	1540	2710	1470	301	1700
17	839	1280	1660	1710	2110	1800	1680	3400	2340	1720	362	1420
18	995	1300	1680	1650	2220	1850	1500	6070	1930	1620	362	1570
19	1040	1150	1730	1320	2070	1850	1170	5220	1670	1520	516	1670
20	1040	1600	1810	1390	2200	1850	1120	3780	1770	1640	470	1540
21	1170	1440	1750	1550	2480	2020	1930	3630	1720	1850	748	1540
22	1230	1400	1660	1560	1960	2160	1800	3550	1880	1880	765	1420
23	898	1440	1570	1570	2160	2130	1420	2910	2220	1570	695	1370
24	1060	1520	1590	1420	2100	2130	1620	2580	2340	1370	858	1280
25	1020	1600	1560	1390	2100	2070	1420	2680	2240	1170	765	1520
26	1020	1700	1440	1180	1980	1570	1150	2130	7010	1100	563	1570
27	976	1850	1360	1180	1990	2130	1540	1640	5730	1170	625	1500
28	917	1930	1360	1300	2190	2340	1620	1060	3820	1170	1210	1400
29	858	1600	1290	1450	2100	1570	1720	2780	2820	956	1300	1370
30	712	1350	1320	1710	-----	2020	1700	1570	2020	782	1420	1600
31	1100	-----	1340	1590	-----	2020	-----	1440	-----	995	1500	-----
Mean	1004	1398	1523	1603	1795	1949	1744	2052	2637	1454	635	1722
Max.	1330	1930	2140	2020	2480	2370	2240	6070	7010	1910	1500	2580
Min.	610	936	1100	1180	1170	1380	1120	765	1620	782	158	917
A.F.	61710	83160	93660	98580	99670	119840	103760	126180	156910	89390	39030	102480

Total acre-feet 1174370

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR GRAND ISLAND

Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1220	1010	1900	1640	664	2870	1830	1800	1650	2280	915	1570
2	1830	1450	1680	1570	784	2620	1880	1700	1960	2020	878	1880
3	1650	1650	1440	1320	1000	2710	1720	1480	2020	1800	649	1830
4	1450	1720	1230	1480	1040	2460	1700	1200	2280	1750	632	1600
5	1480	1480	918	1510	991	2870	1960	1100	2250	1620	803	1780
6	1480	1450	425	1540	980	2430	2430	993	2130	1270	599	2340
7	1360	1290	432	1500	962	2160	2280	1050	1780	1250	438	2340
8	1200	1250	343	1450	1200	2120	1960	1080	1700	1380	599	2310
9	1120	1200	415	1510	1400	1890	1880	1030	1620	1290	822	2550
10	915	1040	858	1490	1480	1430	1780	896	1400	1360	766	2310
11	716	1160	1230	1670	1800	1130	1800	933	1900	1650	554	1940
12	878	1670	1370	1730	2020	1060	1800	896	3200	2190	495	2220
13	1078	1770	1600	1670	2000	1020	1750	896	3630	2340	682	2340
14	972	1630	2180	1730	1510	1260	1670	952	2970	2160	682	1960
15	1180	1600	2580	1730	1460	1490	1670	915	2840	2130	438	1940
16	1160	1570	2160	1790	1530	1770	1780	859	2840	2050	302	1990
17	1100	1500	1800	1840	1780	2260	1650	1360	2620	1600	361	1990
18	1010	1570	1860	2000	2240	1860	1570	2340	2430	1830	224	1650
19	1140	1550	1760	1970	2630	1660	1520	5400	1880	1750	273	1650
20	1200	1160	1700	1840	2940	2000	1780	5900	1720	1650	293	1700
21	1200	940	1630	1480	3060	2270	2400	4310	1600	1570	412	1670
22	1250	1010	1730	1180	3600	2300	2250	3740	1800	1670	412	1570
23	1480	860	1740	1420	3960	1940	1910	3590	1800	1700	749	1520
24	1450	608	1710	1540	3100	1830	1650	3030	1960	1430	859	1430
25	1290	410	1610	1450	2460	1780	1620	2900	2080	1270	749	1400
26	1340	548	1400	1420	2340	1800	1650	2550	2710	1140	822	1480
27	1310	1100	1060	1250	2340	1620	1620	2130	5720	1080	859	1430
28	1270	1580	684	819	3240	2250	1650	1720	5860	1100	716	1450
29	1250	1710	790	486	-----	2190	1570	1400	3890	1380	733	1500
30	1160	1840	1400	334	-----	1910	1780	1570	3000	1250	1100	1480
31	1120	-----	1590	428	-----	1830	-----	1750	-----	915	1250	-----
Mean	1232	1304	1394	1448	1947	1961	1817	1983	2508	1609	647	1828
Max.	1830	1840	2580	2000	3960	2870	2430	5900	5860	2340	1250	2550
Min.	716	410	343	334	664	1020	1520	859	1400	915	224	1400
A.F.	75750	77610	85740	89010	108100	120600	108100	121900	149200	98930	39800	108800

Total acre-feet 1183540

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR DUNCAN
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1020	1080	2750	1660	598	3850	2120	2160	5070	4060	1130	1360
2	1510	1080	2380	1670	513	3710	2060	2350	5130	3200	820	1530
3	1720	1310	1800	1530	615	3150	2090	2260	5070	2680	808	1850
4	1640	1480	1660	1360	856	3200	1870	2140	5040	2520	698	2020
5	1510	1510	1520	1180	1040	2760	1770	1920	4810	2390	590	2180
6	1480	1480	424	1280	1000	3020	2080	1720	4490	2140	530	2080
7	1440	1500	450	1290	971	2930	2370	1620	3970	1920	600	2470
8	1340	1440	456	1280	971	2830	2520	1510	3350	1510	540	2720
9	1310	1210	526	1340	1050	2580	2370	1460	2880	1500	643	2610
10	1210	1070	555	1460	1620	1980	2240	1380	2700	1570	1020	2810
11	1080	1210	636	1550	1830	2470	2060	1320	2580	1810	995	2670
12	980	1600	1000	1540	1920	1950	2020	1270	2370	1920	872	2500
13	940	2080	2080	1740	2120	1960	2200	1260	3150	2410	953	2300
14	1120	2280	1930	1800	2120	2280	2060	1130	4400	2520	872	2470
15	1210	1810	1800	1790	2040	2210	1960	1100	3800	2370	845	2180
16	1210	1620	2050	1910	1900	2380	1960	1150	3490	2240	632	2020
17	1260	1570	2250	1910	1900	2440	1980	1260	3490	2120	476	1980
18	1230	1440	2040	1970	1950	2930	1910	1810	3680	1920	425	2040
19	1010	1210	1950	2010	2060	2720	1830	2410	3300	1640	380	1910
20	995	973	2190	1930	2420	2340	2140	4680	2860	1680	410	1640
21	1060	947	2060	1660	3000	2400	2540	5840	2520	1550	365	1660
22	1100	960	2040	1550	3610	5900	2720	4710	2320	1440	350	1740
23	1130	1260	1940	1460	5120	6210	2500	4090	2350	1440	118	1700
24	1190	1140	2030	1290	7690	3650	2200	3820	2450	1530	493	1700
25	1360	928	2020	1290	5430	2410	2160	3350	2470	1500	832	1700
26	1340	880	1880	1270	3740	2280	2060	3250	2810	1260	926	1620
27	1340	872	1570	1250	3280	2260	2260	2860	3020	1190	1150	1590
28	1320	777	1430	1130	3430	2220	2220	2720	5580	1100	1180	1770
29	1240	1830	1240	1030	.....	2430	2160	2320	7170	1100	1060	1750
30	1210	2740	1010	713	.....	2540	2060	2180	5200	1240	940	1680
31	1210	.....	1100	619	.....	2240	.....	4260	.....	1410	1060	.....
Mean	1249	1376	1573	1467	2314	2846	2147	2429	3719	1908	742	2008
Max.	1720	2740	2750	2010	7690	6210	2720	5840	7170	4060	1180	2810
Min.	940	777	424	619	513	1950	1770	1100	2320	1100	350	1360
A.F.	76790	81890	96730	90170	128500	175000	127600	149400	221300	117300	45650	119500

Total acre-feet 1430000

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT NORTH BEND
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4250	3620	6370	3720	1560	7040	5990	6920	24600	7840	3300	3890
2	5680	3400	6080	4100	1450	7640	5540	7980	16700	6520	3140	4640
3	7480	3750	4690	4370	1060	6920	5290	7320	13100	6130	2990	4430
4	7720	4310	4340	4530	1110	7120	5120	6600	11200	7240	2650	5070
5	6100	4310	3110	4300	1550	7360	5180	5180	9900	9300	2650	5070
6	5710	4400	2060	3840	1990	6490	5430	5150	8840	7680	2240	5990
7	5000	4460	1830	3750	2220	8720	8160	4460	9600	5710	1940	8920
8	4700	4370	1940	3710	2420	6060	7400	4430	7760	5540	2080	7120
9	4190	4040	2070	3830	2520	4670	6600	4580	6520	4430	2080	8300
10	4160	3400	2470	3960	2800	4580	6520	4580	6280	4670	3040	6640
11	3920	3700	2870	4090	3260	2670	5600	4220	7320	5150	4100	6360
12	3890	4040	2750	3940	3660	1540	5880	4370	7440	6320	3640	7160
13	3320	3560	3080	4220	3820	2390	5640	4700	6240	7360	4220	10000
14	3870	4670	3400	4540	4180	6040	5290	4130	7040	7320	10900	9150
15	3840	4820	3970	4630	4750	6270	4580	4400	8340	6680	8520	8020
16	3840	4790	4220	4850	4950	5700	4430	4820	8700	5150	6100	6760
17	3950	4640	4730	5040	4780	5860	4310	7520	8740	5260	5990	5820
18	3810	4370	5200	5060	5080	6560	4370	9400	7980	5990	4280	5960
19	3750	4460	4990	5210	5290	6500	4580	9700	8250	5500	4520	5460
20	3510	2980	5180	4820	5570	5810	4550	11600	7840	6060	5400	5150
21	3400	3060	5560	4490	6440	5340	6280	13600	6920	6440	8120	4610
22	3730	3670	5180	4300	7340	8840	6920	11700	6320	5290	6760	4400
23	3870	3270	5100	4030	8160	12000	6600	10200	5990	4700	6880	4700
24	3640	2200	4720	3560	12700	10200	6320	9250	6520	5260	5430	4700
25	4130	3480	5290	3110	16100	9650	5570	8660	6880	4640	5130	4340
26	3980	3730	5340	3140	12700	9300	5600	7760	7040	4820	5880	4640
27	3810	3060	4930	3130	9450	7980	5820	7520	7200	4130	5460	4340
28	3640	3090	4660	3040	8300	8070	12200	6520	7760	3450	5680	4100
29	3220	4200	4480	2930	.....	7520	9850	5820	10300	3540	5260	4520
30	3540	6400	4090	2410	.....	7940	6840	6480	9550	2920	5000	4340
31	3590	.....	3980	2000	.....	6440	.....	21200	2840	2840	4280	.....
Mean	4298	3942	4149	3956	5186	6716	6015	7444	8866	5612	4764	5836
Max.	7720	6400	6370	5210	16100	12000	12200	21200	24600	9300	10900	10000
Min.	3220	2200	1830	2000	1060	1540	4310	4130	5990	2920	1940	3890
A.F.	264300	234500	255100	243300	288000	413000	357900	457700	527500	345100	292900	347300

Total Acre-feet 4,026,600

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT ASHLAND
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3810	4220	5000	4410	2120	13200	11000	16000	44100	11500	3990	6450
2	5400	4250	6200	4220	1690	10600	10000	14700	42900	10700	4120	5600
3	6500	4310	6500	4260	1740	11200	8970	13600	32600	15000	4020	5820
4	7500	4420	5500	4710	1680	9480	8880	12300	18600	18800	3630	5970
5	8590	4830	4500	4970	1690	9480	8780	11200	15800	16000	3240	6490
6	7900	4830	3500	4750	2160	9630	9120	9840	15500	16700	3160	6860
7	7240	4860	2500	4330	2730	9070	9480	8830	16000	13600	2840	7410
8	5970	4900	1060	4100	3040	8590	10300	7850	18400	10800	2360	11000
9	5630	4900	1330	4140	3020	5420	10400	7850	14000	8400	2640	9270
10	5190	4380	1660	4070	3040	4500	9940	8400	11500	7070	2900	13600
11	5260	3430	2000	4220	3450	3730	9120	7670	11400	6780	4220	10600
12	4860	3570	2330	4330	3870	1820	8160	6980	12700	7110	5660	11000
13	4720	4420	2600	4440	4100	1360	8080	6570	10700	8590	6450	15100
14	4120	4090	2720	4640	4160	1790	7980	7150	9480	9840	10900	16700
15	4310	5520	3470	4920	4190	2320	8080	6650	10300	9780	23100	12600
16	4310	5930	4370	5210	4480	2960	7280	6330	11600	8780	18800	10700
17	4020	5590	4800	5380	4610	5770	6980	7150	10800	7580	12900	9270
18	4150	5330	4850	5450	4490	6450	6650	10500	11500	7320	11200	7980
19	4220	5190	5270	5420	4620	5970	6490	14600	13300	9220	8030	7670
20	4180	5040	5300	5200	4900	6000	6570	15500	14500	8120	11200	7190
21	4150	3630	5570	5080	5260	6260	8080	19300	13100	8300	23800	6780
22	4060	3900	6170	4960	5920	8020	9580	20800	10800	7850	21300	6410
23	4220	3380	6500	5040	6640	11900	9940	19700	9480	6780	14800	6290
24	4310	2380	6300	4720	7800	20900	9630	18900	9320	6290	13300	6570
25	4180	2130	5820	4410	10900	28500	10300	17700	9480	6570	10700	6650
26	4800	2150	6080	3850	23500	30700	9730	15400	10400	5820	9120	6370
27	4830	2670	5920	3680	16800	32600	10100	13300	10400	5820	8780	6570
28	4520	2610	5710	3570	14500	33000	13100	12000	10500	5260	12700	6090
29	4420	2380	5230	3300		23300	17400	10600	11100	4720	10300	5900
30	4060	2710	5120	2930		17900	14800	9170	13300	4420	8970	6210
31	4220		4900	2620		13500		24500		4220	7580	
Mean	5021	4062	4477	4430	5611	11480	9497	12290	15120	8959	9249	8371
Max.	8590	5930	6500	5450	23500	33000	17400	24500	44100	18800	23900	16700
Min.	3810	2130	1060	2620	1680	1360	6490	6330	9320	4220	2380	5600
A.F.	308700	241700	275300	272400	311600	705900	565100	753800	899600	550900	568700	498100

Total acre-feet 5953800

BUREAU OF IRRIGATION

SEMINOE RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	939400	896330	857950	787870	711950	632930	533370	634840	910260	1047360	999190	954650
2	937350	894890	856380	748780	709850	630760	530770	642780	917990	1047770	997030	952375
3	935480	893810	854820	782350	708200	627910	528180	651950	924360	1047770	996050	950490
4	933620	893090	853080	779270	705810	625070	525590	661230	929910	1047970	993700	948790
5	931770	891840	851350	776530	703280	622380	523250	672310	939915	1047970	991360	946900
6	930280	890400	849790	774110	700460	619700	521500	684750	948600	1047970	989210	945400
7	929730	888970	848070	771220	697500	617030	522660	698530	957110	1047360	987070	944460
8	929170	887540	846340	768180	694550	614510	526180	712250	967020	1046750	985130	942400
9	928430	886470	844280	765150	692060	612530	531480	725420	977770	1046140	983700	941050
10	927500	885220	842560	762290	691320	609880	533840	737380	984740	1045530	983000	938100
11	926580	884510	840680	759750	688540	606860	535620	749370	991200	1044920	980870	936040
12	925480	883620	838630	757700	685910	603850	536820	757390	995070	1044720	979130	934180
13	924360	882200	836700	756130	683440	600990	537410	765150	999530	1045330	977580	933250
14	923630	880780	834190	753610	680960	597880	537530	771540	1004500	1044720	975850	932690
15	922520	879180	831980	750940	678210	595040	538010	780560	1008450	1043910	974310	931210
16	921420	878120	829600	748300	675330	592850	539210	789990	1011420	1042690	972770	929910
17	920130	876890	827060	745930	673030	589650	541250	799830	1012410	1041270	972190	927690
18	918660	876000	824530	743900	669740	585700	544490	809610	1912410	1039450	970270	924920
19	917190	874420	821830	742190	666470	581770	549320	818300	1012010	1037630	968170	922330
20	915550	873010	819140	740940	663070	577730	556760	826380	1015390	1036010	966250	920500
21	914090	871420	816280	738620	659820	573340	565010	833680	1018770	1033390	964530	919760
22	912280	870270	813270	735840	656580	569230	574340	841020	1022560	1030570	963200	917380
23	910620	869310	810600	733070	653490	565460	581900	847720	1025560	1027560	962240	914800
24	908860	867730	807940	730460	651250	561060	586080	853770	1028570	1024360	961280	912260
25	907170	866680	805450	727860	647910	556880	591830	860740	1031580	1021160	961480	909710
26	905170	865280	802800	725720	644850	552850	596980	866680	1034800	1017970	960150	906980
27	903540	863880	800160	724060	641820	548840	601510	872130	1037630	1015190	958820	904990
28	902460	862310	797690	721770	638800	544900	608040	879010	1041070	1011810	957870	903720
29	901610	860910	795390	719500	635930	541370	615970	885400	1044920	1008640	956540	901190
30	899570	859510	793090	716930		538610	625340	892010	1046550	1005290	955590	898850
31	897950		790310	714510		535980		901010		1002130	955400	

KORTES RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4690	4670	4680	4700	4720	4730	4730	4690	4720	4500	4665	4040
2	4590	4610	4690	4710	4710	4730	4700	4730	5030	4570	4720	4690
3	4670	4650	4690	4700	4700	4710	4650	4700	5030	4500	4730	4690
4	4550	4730	4670	4700	4730	4690	4660	4690	5030	4530	4730	4720
5	4680	4660	4710	4700	4700	4720	4640	4630	5195	4720	4720	4710
6	4660	4710	4700	4730	4670	4720	4700	4660	5195	4690	4710	4710
7	4680	4680	4720	4720	4700	4720	4740	4710	5260	4710	4660	4700
8	4670	4630	4710	4720	4690	4710	4540	4690	5260	4700	4700	4690
9	4670	4720	4700	4720	4730	4730	4510	4580	5290	4710	4720	4630
10	4670	4690	4720	4690	4340	4710	4450	4670	5260	4720	4720	4690
11	4620	4620	4710	4700	4710	4710	4570	4710	5270	4700	4670	4660
12	4600	4690	4700	4700	4720	4710	4545	4650	5290	4730	4710	4670
13	4600	4660	4710	4720	4730	4700	4670	4630	5260	4730	4680	4670
14	4640	4690	4720	4730	4710	4700	4720	4600	5170	4670	4680	4670
15	4650	4710	4700	4710	4720	4700	4570	4740	5180	4670	4700	4670
16	4650	4710	4700	4710	4710	4700	4670	4670	5180	4710	4700	4660
17	4650	4710	4700	4710	4690	4710	4730	4650	5180	4630	4660	4680
18	4660	4690	4710	4720	4690	4720	4730	4710	5180	4670	4700	4660
19	4620	4700	4700	4720	4710	4720	4580	4610	5030	4690	4700	4540
20	4560	4720	4720	4730	4740	4720	4730	4720	4740	4690	4720	4610
21	4590	4730	4710	4740	4710	4730	4720	4690	4660	4720	4700	4670
22	4660	4720	4720	4730	4730	4710	4710	4710	4700	4690	4710	4690
23	4650	4700	4700	4720	4730	4720	4720	4690	4700	4660	4700	4690
24	4640	4700	4700	4720	4720	4710	4710	4730	4650	4650	4680	4670
25	4640	4710	4700	4720	4710	4680	4690	4700	4580	4530	4660	4670
26	4660	4700	4700	4710	4730	4730	4670	4700	4670	4450	4470	4670
27	4600	4700	4710	4710	4710	4740	4670	4690	4680	4680	4710	4640
28	4670	4700	4720	4710	4710	4740	4700	4530	4710	4550	4710	4640
29	4700	4690	4460	4720	4710	4700	4740	4610	4700	4580	4700	4670
30	4700	4700	4710	4720		4730	4730	4660	4710	4590	4700	4720
31	4650		4710	4700		4730		4730		4610	4430	

PATHFINDER RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	378800	451650	517940	608140	707710	810480	947060	1017780	1011930	997530	801880	561240
2	380960	453620	519750	611600	710600	813900	952330	1017390	1008660	995350	793300	554780
3	383510	455820	522320	614600	713150	818080	957630	1017000	1008440	994040	785370	548760
4	385970	457670	524920	618360	715690	822250	962290	1016400	1007790	991000	778050	542570
5	389180	460210	527030	621820	719090	825670	967590	1016200	1008230	987560	769850	536780
6	391590	462530	529040	624570	721850	829490	972500	1016000	1009320	983260	761760	530330
7	393400	464770	532170	628560	725660	833350	976160	1015540	1011280	980250	753150	524000
8	396120	467250	534540	631940	729640	837210	977880	1015300	1013460	977660	747550	519360
9	398270	469380	537580	635320	732580	840490	978950	1015770	1016000	973790	742210	514980
10	400630	472340	539870	639180	735010	844740	980030	1016400	1016440	968230	736910	510480
11	402900	473760	542300	642480	737790	848810	981110	1016000	1019300	962290	733280	505690
12	405480	475560	545130	645460	741150	852740	982180	1016000	1020630	957630	729290	500270
13	407650	477730	548630	648120	745210	856660	984120	1015770	1022170	949790	727900	495340
14	409660	479780	551340	651260	748380	860590	989280	1015070	1022170	944140	718450	489920
15	411670	482200	553810	654410	751910	864910	994480	1015540	1021290	937450	710600	484610
16	414100	484130	556840	657930	755820	868460	998410	1016790	1021290	929100	703470	480990
17	416210	486550	559860	661620	759700	872450	999300	1017760	1021950	920020	695560	476400
18	418660	489630	562890	664500	762660	877640	1000150	1017760	1024370	912610	687960	472460
19	421360	490990	566510	667220	766610	882420	1002120	1019300	1025920	903010	680090	467960
20	423630	492590	570026	669820	771110	888020	1002770	1020410	1025250	894500	671580	463470
21	425900	495060	573110	672230	774930	893080	1004520	1021290	1021950	885020	662900	459050
22	428180	496660	576340	675990	778960	898150	1006700	1024370	1019090	877240	653930	458010
23	430700	499390	579600	679750	783180	902810	1008230	1024590	1017100	868260	644200	458590
24	432800	501530	583340	682690	788290	907670	1009320	1024590	1015770	859410	634090	460090
25	435230	503550	586220	686300	790500	912820	1011060	1023270	1013240	852350	624110	459750
26	437990	505820	589380	689130	794230	917760	1011930	1023710	1011280	845900	616860	457900
27	440790	508340	592400	691790	798330	922700	1013460	1023710	1008660	838180	605330	456390
28	442480	510480	595620	694790	802810	927440	1014840	1023710	1005610	830840	594600	454780
29	444400	513040	598710	697960	806170	932440	1015770	1021950	1001680	822820	585350	454200
30	446780	515360	601070	701120	.....	937240	1017390	1018640	999500	815420	576600	455930
31	449400	.....	604890	704150	.....	942050	.....	1016000	.....	808600	568330	.....

ALCOVA RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	162490	162110	159440	159040	158820	158780	159040	186240	187480	187840	189300	188840
2	162470	162090	159440	159040	158820	158800	159040	188110	187570	187790	189280	188910
3	162580	162040	159400	158980	158820	158800	159040	188870	187700	187790	189260	189080
4	162660	162000	159350	158980	158820	158820	159070	188720	187770	187790	189210	189230
5	162650	162000	159310	158980	158820	158840	159090	188500	187790	187740	189110	189380
6	162690	162000	159260	158950	158820	158840	159110	188470	187890	187620	188990	189350
7	162740	161990	159240	158950	158800	158840	160880	188650	187740	187480	188870	189570
8	162740	161950	159220	158950	158780	158840	164210	188910	187600	187380	189210	189450
9	162710	161930	159200	158950	158760	158840	168200	188790	187430	187280	189520	189260
10	162710	161890	159180	158930	158730	158840	172160	188350	187360	187210	189650	189060
11	162670	161860	159150	158930	158690	158870	176210	189080	187310	187140	189790	188990
12	162650	161840	159150	158930	158650	158900	190340	187990	187260	187040	189840	188690
13	162600	161840	159150	158930	158650	158890	183410	187940	187310	186870	189930	188490
14	162580	161820	159130	158930	158620	158890	183410	188010	187500	186770	190280	188210
15	162560	161780	159130	158930	158580	158800	183390	188470	187650	186550	190300	188010
16	162530	161730	159130	158930	158530	158910	184740	188960	187790	186460	189990	187700
17	162490	161710	159130	158910	158490	158930	186190	188910	188010	186430	189550	187430
18	162490	161690	159110	158910	158510	158930	186310	188620	188310	186430	189080	187230
19	162470	161660	159090	158910	158530	158930	186360	188230	188470	186480	188600	187060
20	162470	161620	159070	158910	158560	158930	186410	188230	188380	186580	188300	186650
21	162470	161420	159070	158890	158580	158950	185780	188520	188260	186680	188330	186360
22	162420	161170	159070	158890	158600	158950	184830	189060	188380	186850	188430	185120
23	162380	160930	159070	158870	158620	158950	184670	188890	188430	188180	188500	182410
24	162310	160710	159070	158840	158650	158950	184830	188430	188380	188380	188550	179130
25	162270	160530	159070	158840	158670	158980	184810	188040	188280	189550	189550	176350
26	162270	160240	159070	158840	158690	158980	185030	187740	188180	189570	187380	174150
27	162270	159990	159070	158840	158710	158980	185200	187550	188060	189650	188110	172260
28	162270	159750	159040	158840	158730	159000	185240	187570	187960	189690	189210	170370
29	162180	159510	159040	158820	158760	159020	185240	187620	187910	189740	189330	168520
30	162150	159440	159040	158820	.....	159040	185200	187480	187910	189770	188690	164910
31	162130	.....	159040	158820	.....	159040	.....	187450	.....	189450	188650	.....

BUREAU OF IRRIGATION

439

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
 OUTFLOW OF ALCOVA RESERVOIR
 Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	12	5	5	6	6	6	6	1936	4266	3020	5500	4130	
2	12	5	5	6	6	6	6	1948	4659	3050	5500	4130	
3	12	5	5	6	6	6	6	2546	5400	3065	5520	4130	
4	12	5	5	6	6	6	6	3065	6300	3065	5520	4130	
5	12	5	5	6	6	6	6	3020	7438	3065	5540	4147	
6	12	5	5	6	6	6	6	2900	7438	3050	5560	4164	
7	12	5	5	6	6	6	6	2770	7438	3050	5580	3688	
8	12	5	5	6	6	6	6	2770	7438	3035	5087	3540	
9	12	5	5	6	6	6	6	2770	7438	3790	3540	3540	
10	12	5	5	6	6	6	6	2770	7438	4336	3476	3540	
11	12	5	5	6	6	6	6	2770	8049	4318	3268	3572	
12	12	5	5	6	6	6	6	2770	8049	4300	3268	3572	
13	6	5	5	6	6	6	6	2770	8049	4300	3268	3572	
14	6	5	5	6	6	6	6	2770	7308	4300	4011	3572	
15	6	5	5	6	6	6	6	2644	6852	4840	5220	3556	
16	6	5	5	6	6	6	6	2392	6300	5730	5163	3556	
17	6	5	5	6	6	6	6	958	2308	5708	5049	3556	
18	6	5	5	6	6	6	6	1960	2308	6415	5087	3556	
19	6	5	5	6	6	6	6	1960	2308	4859	5708	6001	3540
20	6	5	5	6	6	6	6	1972	2163	3926	5730	5580	3540
21	6	61	5	6	6	6	6	1972	2098	3926	5730	5580	2812
22	6	98	5	6	6	6	6	1948	2378	3332	5708	5580	2476
23	6	98	5	6	6	6	6	1948	2945	2945	5730	5580	2462
24	6	98	5	6	6	6	6	1948	3236	2960	5440	5580	2420
25	6	96	5	6	6	6	6	1936	3236	2960	5380	5600	3050
26	6	93	5	6	6	6	6	1936	3050	2960	5420	5560	3332
27	6	93	5	6	6	6	6	1936	2990	2975	5480	5480	2826
28	6	93	5	6	6	6	6	1936	2885	2975	5460	5500	2532
29	6	93	5	6	6	6	6	1936	3252	2990	5480	5520	2504
30	6	64	5	6	6	6	6	1936	4232	3005	5500	5520	2448
31	6		5	6	6	6	6		4266		5490	4642	
Mean	8	33	5	6	6	6	6	879	2783	5400	4644	5061	3386
Max.	12	98	5	6	6	6	6	1972	4266	8049	5730	6001	4164
Min.	6	5	5	6	6	6	6	6	1936	2945	3020	3268	2420
A.F.	512	1958	307	369	345	369	52321	171109	321319	285537	311171	201510	

Total acre-feet 1346830

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
 INFLOW TO GUERNSEY RESERVOIR
 Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	558	248	287	20	181	198	630	3413	5288	3147	5246	5056
2	443	274	267	186	232	201	522	3261	5276	3019	5282	4887
3	491	182	257	176	227	196	394	3151	5636	3019	5324	4227
4	444	295	262	116	232	199	359	3009	6543	3187	5305	4045
5	552	267	282	161	222	53	440	3161	6765	3054	5506	4276
6	523	364	222	116	212	134	395	3771	7165	3039	5162	3987
7	471	305	114	111	287	197	396	3742	8058	3045	5285	4064
8	357	264	61	30	151	146	340	3649	7795	2964	5293	4150
9	447	300	127	176	241	222	518	3451	7755	2889	5177	3812
10	375	290	40	102	212	255	547	3466	7645	2897	4291	3607
11	285	289	166	116	267	299	560	3614	7645	3231	3451	3567
12	300	302	186	146	271	193	540	3462	7382	3889	3301	3521
13	365	267	211	141	230	180	676	3320	7766	4770	3309	3575
14	304	268	101	111	124	197	546	3219	7649	4242	3003	3559
15	287	255	161	141	152	252	829	3076	7878	4213	3144	3620
16	269	307	181	116	135	253	478	3271	7049	4113	3156	3500
17	260	342	212	242	184	277	740	3326	6854	4420	4516	3538
18	305	226	136	161	232	277	806	3321	6172	5439	4805	3572
19	286	299	207	136	158	263	882	3313	5689	5442	4795	3569
20	291	375	84	232	190	237	1450	3210	5582	5443	4809	3589
21	305	432	78	247	212	241	2887	3084	5081	5561	5455	3548
22	311	395	191	94	159	156	3304	3167	3959	5480	5551	3603
23	294	288	136	116	200	255	2880	3627	3992	5331	5203	3163
24	295	233	181	141	161	333	2869	5436	3723	5426	5579	2705
25	295	216	146	146	125	234	2741	5692	3294	5503	5403	2585
26	295	187	131	166	172	275	2814	5416	3633	5150	5070	2684
27	305	247	98	166	167	230	2666	5499	4690	5074	5824	2596
28	305	277	60	141	208	317	3353	5922	3618	5059	5028	3390
29	300	297	86	181	198	433	3384	5177	3080	5136	5148	3064
30	287	333	183	156	-----	635	3491	4718	3234	5186	5369	2733
31	295		111	191	-----	627		4576		5213	5572	
Mean	352	287	160	144	198	258	1415	3862	5860	4308	4818	3593
Max.	558	432	287	247	287	635	3491	5922	8058	5561	5824	5056
Min.	260	182	40	20	124	53	340	3009	3080	2889	3003	2585
A.F.	21624	17106	9848	8878	11389	15856	84174	237465	348711	264879	296256	213823

Total acre-feet 1530010

REPORT OF THE STATE ENGINEER

GUERNSEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1240	479	8380	16590	25030	32760	39990	49150	44600	46385	21200	23640
2	1180	536	8910	16940	25450	32940	39750	48390	43890	45270	21960	24690
3	1230	527	9420	17270	25860	33030	39340	47470	43820	44000	22800	24680
4	1180	536	9940	17480	26290	33100	38840	46290	44350	42820	23620	24480
5	1280	540	10500	17780	26680	32880	38640	45430	43320	40600	24530	24970
6	1180	568	10940	17990	27060	32620	38710	45780	42750	37990	25390	24990
7	1180	549	11170	18190	27590	32960	38120	46080	43270	35020	26240	25170
8	1060	536	11290	18290	27850	33210	37200	46110	43270	31710	27150	25520
9	1390	545	11320	18560	28290	33610	36410	45990	43140	27570	27830	25090
10	1430	545	11400	18630	28670	33860	35600	46150	42870	23230	26770	24230
11	1070	552	11730	18840	29160	34210	34730	46570	42570	19440	24040	23330
12	1040	893	12100	19110	29490	34380	33780	46690	41850	17040	21090	22370
13	1040	558	12390	19370	29740	34400	33120	46460	41850	16400	18190	21610
14	1110	484	12590	19570	29780	34580	31790	45690	42890	14750	14760	20930
15	1030	455	12910	19830	29880	34870	31040	43890	44620	13120	11700	20470
16	880	430	13250	20040	29940	35160	29680	43390	44580	11420	8470	19960
17	680	380	13510	20500	30090	35500	28800	43890	45200	10250	7900	19700
18	630	710	13730	20800	30350	35770	28060	44530	46220	10930	7900	19450
19	546	1300	14030	21050	30370	35940	27460	45110	46320	11790	7880	19090
20	508	2050	14055	21490	30620	36080	27970	45390	46730	12730	7850	18710
21	508	2900	14140	21960	31000	36170	31350	45460	46660	13850	8980	18280
22	520	3690	14500	22110	31190	36260	35540	45690	46990	14780	10380	17860
23	518	4260	14750	22310	31510	36530	38860	47230	47040	15570	11130	16500
24	519	4720	15090	22570	31790	36530	42180	49010	46180	16540	12660	14260
25	519	5150	15360	22840	31950	36640	44880	50000	44690	17670	13840	11720
26	519	5520	15600	23150	32080	36770	47490	49800	44230	18130	14480	9750
27	519	6010	15780	23460	32200	36980	49270	49680	46150	18440	16650	8240
28	518	6560	15880	23720	32400	37260	49760	50260	47020	18730	17330	9350
29	519	7150	16030	24060	32580	38080	49760	49320	46760	19210	18470	10890
30	523	7810	16370	24350	-----	39300	49660	47470	46780	19830	20190	12480
31	523	-----	16570	24710	-----	39910	-----	45320	-----	20500	22370	-----

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
OUTFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	753	270	0	10	20	107	576	3656	5636	3316	4880	4409
2	472	245	0	10	20	110	636	3622	5612	3554	4880	4354
3	466	187	0	10	20	151	594	3588	5660	3639	4880	4228
4	472	290	0	10	20	164	600	3571	6152	3724	4880	4120
5	499	265	0	10	20	164	528	3571	7368	4156	4880	4013
6	570	350	0	10	20	164	340	3571	7432	4336	4860	3962
7	472	315	0	10	20	126	672	3588	7768	4523	4860	3862
8	417	270	0	10	20	20	802	3622	7768	4600	4820	3962
9	310	295	111	10	20	20	902	3503	7796	4960	4820	4013
10	325	290	0	67	20	129	942	3367	7740	5068	4820	4030
11	466	285	0	10	20	123	999	3384	7768	5134	4820	4013
12	315	280	0	10	105	107	999	3384	7712	5090	4780	3996
13	361	285	65	10	104	170	999	3418	7740	5090	4760	3945
14	270	305	0	10	104	106	1197	3588	7096	5068	4720	3894
15	325	270	0	10	104	106	1206	3979	6956	5024	4680	3843
16	345	320	10	10	105	107	1161	3520	7040	4960	4780	3741
17	361	367	81	10	106	106	1170	3095	6508	5002	4800	3656
18	330	60	25	10	101	141	1170	2962	5636	5090	4800	3690
19	330	0	56	10	148	197	1170	3010	5612	5062	4800	3741
20	310	0	71	10	64	166	1170	3061	5354	4960	4820	3775
21	305	0	35	10	20	196	1170	3044	5112	4980	4880	3758
22	305	0	10	18	63	111	1188	3044	3775	4960	4840	4009
23	295	0	10	10	39	119	1188	3044	3945	4920	4820	3843
24	295	0	10	10	20	333	1179	4523	4138	4920	4800	3826
25	295	0	10	10	44	179	1360	5178	4030	4920	4800	3860
26	295	0	10	10	106	209	1480	5516	3960	4900	4740	3873
27	305	0	10	10	107	133	1747	5540	3622	4900	4720	3850
28	300	0	10	10	107	176	3078	5612	3163	4900	4860	2835
29	300	0	10	10	107	20	3367	5636	3180	4880	4561	2284
30	295	0	10	10	-----	20	3537	5636	3197	4860	4485	1926
31	295	0	10	10	-----	319	-----	5636	-----	4860	4466	-----
Mean	369	165	18	12	61	139	1238	3918	5813	4720	4778	3750
Max.	753	367	111	67	148	333	3537	5636	7796	5134	4880	4409
Min.	270	0	0	10	20	20	340	2962	3163	3316	4466	1926
A.F.	22709	9816	1099	744	3519	8527	73641	240934	345875	290218	293780	223166

Total acre-feet 1514030

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER,
AT WYOMING-NEBRASKA STATE LINE
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	635	764	488	330	412	488	488	2410	3810	997	1120	1050
2	649	748	488	380	418	467	523	2420	3780	1050	1140	1030
3	635	691	481	380	436	406	664	2400	3700	1190	1150	1020
4	593	726	474	390	436	412	748	2360	3560	1190	1200	997
5	579	740	460	400	430	448	764	2410	4210	1090	1210	954
6	607	740	474	390	424	481	764	2420	4710	1090	1170	954
7	649	740	436	388	418	488	705	2090	4500	1090	1140	988
8	829	748	442	406	406	488	628	1740	4550	1030	1110	962
9	910	740	400	390	400	488	820	1630	4790	988	1110	938
10	883	705	376	415	400	454	1390	1530	4630	1120	1150	938
11	820	698	436	394	412	454	1250	1450	4420	1160	1170	938
12	865	705	454	406	400	467	946	1330	4350	1180	1170	962
13	892	698	436	418	400	474	829	1150	4280	1180	1150	997
14	847	698	430	406	448	474	756	1000	4230	1200	1110	954
15	838	705	365	406	424	474	733	919	3900	1150	1070	906
16	820	712	390	406	412	474	726	1050	3510	1120	1040	866
17	856	649	406	394	412	488	733	1050	3490	1090	1090	834
18	856	635	394	388	430	495	705	883	3560	1140	1110	768
19	856	635	375	400	418	502	663	856	3780	1220	1110	733
20	874	586	350	400	400	495	649	812	3630	1180	1110	733
21	847	586	370	394	418	467	684	796	2700	1150	1110	733
22	812	572	390	370	400	442	719	780	2080	1120	1230	740
23	812	558	436	340	388	418	733	829	1260	1150	1200	754
24	812	551	436	355	370	448	698	865	988	1140	1210	775
25	796	516	418	390	352	436	642	1570	1100	1100	1180	768
26	726	516	418	415	352	436	600	2740	1010	1100	1160	789
27	748	502	418	442	370	442	656	3140	1220	1130	1120	874
28	780	488	424	430	448	448	740	3260	1370	1150	1110	946
29	788	488	430	406	460	454	1590	3490	1140	1160	1110	882
30	788	481	442	400	400	474	2170	3550	1020	1160	1050	803
31	764	442	406	406	406	495	3670	3670	1130	1020	1020	886
Mean	790	644	425	395	410	464	825	1825	3176	1127	1133	886
Max.	910	764	488	442	460	502	2170	3670	4790	1220	1230	1050
Min.	579	481	350	330	352	406	488	780	988	988	1020	733
A.F.	47930	38320	26140	24270	23590	28520	49060	112200	189000	69310	69680	52730

Total acre-feet 730750

DISCHARGE IN SECOND-FEET
OF NORTH PLATTE RIVER
BELOW TRI-STATE DAM
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	1320	1820	76	22	67
2	1290	1820	62	21	85
3	1250	1760	86	21	87
4	1180	1700	86	48	80
5	1160	1910	65	74	32
6	1170	2210	66	52	19
7	1010	2110	50	50	18
8	768	2030	40	51	18
9	633	2150	37	30	18
10	510	2020	43	48	18
11	422	1900	60	103	18
12	338	1860	76	94	31
13	162	1820	94	75	54
14	78	1790	159	34	43
15	46	1640	138	21	18
16	81	1550	73	18	18
17	71	1510	33	20	18
18	35	1500	28	20	17
19	33	1520	67	21	15
20	48	1470	45	20	12
21	147	1110	36	22	13
22	40	1160	32	32	12
23	35	754	32	28	12
24	40	454	22	65	11
25	428	454	27	46	10
26	1270	386	28	30	10
27	1610	350	28	27	46
28	1760	404	24	49	16
29	1810	347	21	79	143
30	1810	213	22	42	147
31	1820		23	21	
Mean	722	1390	54	41	42
Max.	1820	2210	159	103	164
Min.	33	213	21	18	10
A.F.	44380	82750	3340	2550	2490

Total acre-feet for 5 month period 135510

DISCHARGE IN SECOND FEET OF NORTH PLATTE RIVER AT MITCHELL
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1180	1150	760	566	611	706	766	2130	3690	896	364	501
2	1090	1140	766	586	631	711	750	2300	3660	728	360	536
3	1110	1130	755	581	641	641	896	2340	3480	651	364	516
4	1100	1120	755	581	641	606	1030	2290	3330	621	393	511
5	1070	1130	750	586	641	636	1050	2180	3280	616	428	487
6	1110	1150	755	591	636	678	1080	2000	3950	571	410	464
7	1080	1150	706	606	631	733	1100	1880	3830	531	393	473
8	1230	1150	684	601	626	777	961	1400	3600	473	402	491
9	1360	1110	673	591	606	788	994	1150	3830	424	360	468
10	1310	1080	646	596	601	772	1340	1030	3760	385	377	478
11	1310	1080	684	631	611	755	1570	1010	3570	337	464	478
12	1260	1070	722	626	601	750	1260	962	3480	360	473	491
13	1320	1050	700	626	601	738	1140	706	3390	437	455	531
14	1270	1030	678	621	621	772	1060	516	3360	546	428	541
15	1270	1030	695	616	636	766	1010	372	3330	526	389	506
16	1250	1030	678	621	621	782	1010	361	2780	450	368	496
17	1280	980	689	601	646	828	1030	806	2710	368	372	496
18	1270	922	695	596	678	828	994	501	2700	352	381	478
19	1280	922	733	606	673	858	928	402	2760	419	360	446
20	1300	902	606	581	673	828	870	341	2880	450	356	428
21	1300	878	611	586	673	794	876	706	2570	393	356	450
22	1280	846	678	432	668	760	909	506	2930	406	398	450
23	1260	810	689	402	641	711	928	501	2090	372	482	478
24	1240	788	689	450	631	711	922	601	1270	344	487	482
25	1210	777	689	571	561	777	858	909	1420	344	491	510
26	1200	766	689	621	611	788	794	1820	1230	364	450	530
27	1150	766	689	616	606	816	810	2630	1740	381	428	551
28	1200	760	706	606	668	840	864	3180	1880	377	437	611
29	1200	755	711	591	700	822	1220	3450	1480	352	501	668
30	1200	755	711	591	-----	804	1770	3650	1180	360	501	804
31	1180	-----	678	591	-----	788	-----	3710	-----	360	473	-----
Mean	1222	974	699	583	634	760	1026	1487	2839	458	416	512
Max.	1360	1150	766	631	700	858	1770	3710	3950	896	501	804
Min.	1070	755	606	402	561	606	750	341	1180	337	356	428
A. F.	75110	57970	42980	35840	36470	46740	61070	91440	168910	28150	25590	30450
Total acre-feet	700720											

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT MINATARE
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1510	1600	1120	904	883	907	1010	2050	3890	1370	422	752
2	1430	1580	1120	867	920	922	983	2160	3850	1130	416	843
3	1440	1630	1110	884	896	907	1030	2270	3650	964	408	857
4	1440	1600	1110	878	893	873	1100	2310	3480	884	445	853
5	1430	1610	1110	867	885	875	1140	2240	3240	802	526	850
6	1530	1610	1120	885	871	905	1160	2090	3310	779	537	790
7	1490	1580	1060	893	892	932	1170	1980	3850	735	612	763
8	1510	1590	1020	893	901	966	1140	1890	3830	632	631	787
9	1670	1580	979	857	912	1010	1090	1400	3690	569	616	755
10	1750	1550	943	833	918	1010	1280	1220	3720	498	611	724
11	1770	1520	936	841	941	1000	1630	1220	3510	419	574	722
12	1740	1500	959	848	940	1010	1570	1160	3290	386	580	719
13	1770	1450	963	862	941	960	1400	932	3180	436	553	779
14	1770	1440	932	880	929	1020	1300	725	3130	566	531	807
15	1750	1420	917	875	920	1020	1220	556	3160	560	486	837
16	1740	1370	921	886	889	1020	1210	539	2990	505	457	821
17	1720	1330	899	867	899	1060	1190	667	2600	457	458	777
18	1700	1300	878	872	913	1110	1180	747	2590	418	460	747
19	1690	1270	910	918	892	1140	1130	669	2600	443	451	705
20	1680	1270	894	906	870	1140	1090	595	2710	504	448	702
21	1690	1230	820	902	864	1120	1060	758	2710	499	433	729
22	1650	1200	820	818	887	1070	1100	771	4100	477	447	740
23	1570	1130	880	781	888	1030	1120	785	3270	435	531	741
24	1550	1130	920	830	884	1020	1100	781	2110	399	564	757
25	1530	1120	920	966	842	1040	1040	874	1920	391	586	757
26	1530	1120	930	883	834	1070	979	1620	1720	423	565	782
27	1520	1120	934	903	836	1060	943	2690	2740	470	574	822
28	1550	1120	933	896	836	1070	982	3010	2460	481	585	906
29	1570	1120	927	898	895	1070	1120	3340	2090	467	646	996
30	1580	1120	935	887	-----	1060	1660	3610	1660	440	691	1140
31	1580	-----	966	863	-----	1040	-----	3780	-----	432	709	-----
Mean	1608	1374	964	876	892	1015	1171	1588	3035	580	534	799
Max.	1770	1630	1120	966	941	1140	1660	3780	3890	1370	709	1140
Min.	1430	1120	820	781	834	873	943	539	1680	386	408	702
A. F.	98880	81740	59280	53840	51310	62420	69650	97620	180600	35640	32810	47520
Total acre-feet	871310											

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT BRIDGEPORT
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2060	1880	1430	905	1120	1100	1280	2760	4150	1620	641	1080
2	1950	1830	1420	1050	1120	1100	1290	2580	4120	1440	631	1200
3	1920	1850	1410	1170	1120	1100	1360	2630	4060	1300	606	1250
4	1950	1790	1370	1140	1120	1040	1430	2600	3880	1210	593	1260
5	1980	1750	1420	1240	1110	1070	1490	2440	3580	1100	652	1230
6	2180	1750	1440	1240	1110	1160	1520	2330	3250	1030	721	1150
7	2070	1750	1430	1310	1120	1200	1500	2230	3310	996	743	1120
8	2000	1780	1380	1470	1140	1280	1480	2140	3620	933	775	1130
9	2120	1790	1410	1390	1170	1310	1370	1890	3690	840	775	1100
10	2120	1790	1430	1390	1190	1340	1410	1620	3530	731	779	1020
11	2250	1790	1460	1550	1190	1320	1820	1500	3570	650	808	1010
12	2190	1820	1480	1590	1230	1300	2080	1540	3570	603	824	1020
13	2180	1810	1520	1420	1270	1230	1810	1410	3440	615	825	1140
14	2190	1740	1440	1280	1270	1240	1670	1150	3300	711	787	1200
15	2110	1680	1340	1150	1210	1260	1660	938	3410	774	759	1280
16	2070	1640	1250	1190	1210	1260	1660	988	3370	731	743	1300
17	2040	1570	1230	1160	1210	1320	1590	1020	2860	663	776	1270
18	2120	1590	1210	1140	1230	1400	1510	1100	2430	621	785	1240
19	2140	1580	1200	1170	1240	1410	1520	1190	2330	633	771	1220
20	2200	1590	500	1160	1190	1420	1490	1100	2460	668	712	1210
21	2220	1590	571	1140	1170	1400	1430	1100	2460	699	685	1210
22	2290	1580	781	897	1150	1310	1420	1250	2740	670	630	1230
23	2080	1530	1040	940	1090	1260	1460	1170	3490	619	647	1230
24	2050	1490	1450	1120	1150	1240	1460	1300	2830	570	736	1220
25	2040	1480	1570	1370	1120	1220	1420	1340	2210	549	779	1210
26	2000	1490	1570	1470	1070	1290	1300	1460	2140	578	812	1210
27	1970	1500	1510	1410	1090	1300	1180	2550	2220	590	785	1240
28	1930	1490	1500	1410	1070	1300	1150	3010	2530	622	843	1270
29	1920	1460	1550	1180	1100	1310	1240	3450	2180	648	926	1380
30	1880	1430	1310	1180	-----	1340	1740	3830	1870	663	1020	1540
31	1850	-----	1120	1140	-----	1300	-----	4110	-----	660	975	-----
Mean	2064	1660	1314	1238	1158	1262	1490	1926	3114	800	759	1206
Max.	2250	1880	1570	1590	1270	1420	2080	4110	4150	1620	1020	1540
Min.	1850	1430	503	897	1070	1040	1150	938	1870	549	593	1010
A.F.	126900	98800	80810	76110	66600	77610	88680	118440	185270	49160	46700	71740

Total acre-feet 1086820

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT LISCO
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2220	1940	1920	1320	1690	1360	1520	1860	3560	1890	540	924
2	2220	1940	1880	988	1710	1320	1480	2180	3690	1550	551	1130
3	2100	1980	1860	984	1640	1310	1480	2310	3750	1310	530	1190
4	2110	1980	1860	1140	1620	1300	1490	2380	3750	1210	540	1220
5	2240	1920	1830	1200	1620	1240	1460	2490	3640	1110	562	1280
6	2470	1920	1860	1240	1590	1300	1520	2670	3370	989	606	1250
7	2320	1910	1760	1300	1510	1370	1570	2750	3110	963	673	1220
8	2180	1960	1550	1330	1440	1420	1570	2560	3190	937	662	1180
9	2150	1990	1510	1420	1400	1510	1540	2400	3430	873	650	1180
10	2220	2030	1490	1460	1370	1520	1490	2100	3470	777	719	1100
11	2240	2010	1550	1480	1360	1520	1620	1780	3270	684	765	1140
12	2200	2010	1520	1540	1380	1570	1960	1730	3250	684	777	1150
13	2200	1980	1510	1580	1440	1460	1920	1730	3110	673	801	1380
14	2240	1940	1510	1610	1420	1480	1810	1570	2940	742	849	1370
15	2200	1910	1000	1640	1380	1520	1810	1510	2820	730	754	1340
16	2180	1880	1100	1720	1340	1550	1890	1580	2860	730	730	1420
17	2180	1780	1230	1710	1340	1600	1810	1460	2940	730	754	1420
18	2160	1810	1270	1690	1340	1740	1700	1370	2580	628	754	1420
19	2220	1760	1290	1630	1310	1710	1620	1570	2490	573	765	1360
20	2250	1740	1240	1580	1280	1710	1550	1420	2650	595	696	1310
21	2290	1760	1130	978	1250	1630	1570	1380	2670	595	595	1280
22	2360	1790	1070	690	1230	1550	1480	1400	2690	584	540	1270
23	2310	1810	1200	658	1200	1430	1490	1440	3070	551	551	1270
24	2220	1780	1420	700	1200	1490	1510	1340	3410	498	617	1320
25	2160	1790	1740	747	1150	1520	1480	1440	2820	456	684	1360
26	2110	1740	2050	934	1240	1510	1460	1460	2600	416	730	1370
27	2110	1730	1970	1140	1280	1550	1400	1790	2340	456	730	1360
28	2130	1780	1960	1310	1270	1570	1360	2620	2840	519	684	1370
29	2080	1840	1850	1420	1300	1580	1340	2790	2620	584	769	1430
30	2030	1890	1800	1630	-----	1620	1490	3020	2270	562	1040	1510
31	1980	-----	1660	1680	-----	1570	-----	3250	-----	573	924	-----
Mean	2196	1876	1564	1305	1390	1501	1580	1979	3040	780	696	1284
Max.	2470	2030	2050	1720	1710	1740	1960	3250	3750	1890	1040	1510
Min.	1980	1730	1000	658	1150	1240	1340	1340	2270	416	530	924
A.F.	135030	111630	96180	80230	79930	92290	94020	121690	180890	47940	42770	76390

Total acre-feet 1158990

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT OSHKOSH
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	2010	2070	1680	1850	1820	1500	1560	1670	3260	1990	440	1060	
2	2070	1910	1680	1490	1800	1480	1470	2180	3420	1640	439	1090	
3	2050	1910	1700	1220	1810	1520	1470	2390	3580	1360	441	1170	
4	2010	1950	1680	1100	1750	1500	1500	2460	3620	1220	430	1230	
5	2200	1990	1660	1260	1730	1430	1520	2460	3600	1130	462	1160	
6	2530	1930	1660	1340	1620	1390	1540	2500	3480	1050	496	1160	
7	2450	1890	1610	1520	1660	1390	1570	2710	3110	936	485	1150	
8	2320	1850	1470	1500	1650	1410	1630	2500	3020	934	514	1150	
9	2260	1910	1270	1600	1560	1590	1720	2440	3300	890	526	1100	
10	2320	1950	1180	1640	1540	1650	1700	2140	3480	858	546	1060	
11	2320	1950	1100	1600	1530	1560	1700	1860	3260	770	678	1030	
12	2320	1950	1200	1610	1480	1520	1890	1680	3100	690	730	1060	
13	2300	2030	1200	1650	1430	1650	2030	1660	3050	674	775	1490	
14	2220	2050	800	1670	1350	1480	1870	1610	2910	610	686	878	1340
15	2240	2050	639	1690	1350	1520	1810	1450	2860	631	802	1290	
16	2150	1990	632	1640	1350	1650	2090	1840	2910	671	699	1290	
17	2200	1850	781	1580	1350	1720	1990	1590	2910	669	631	1290	
18	2170	1720	990	1520	1360	1930	1830	1350	2670	613	674	1260	
19	2200	1740	1160	1450	1360	2050	1700	1460	2400	581	704	1220	
20	2240	1760	1180	1440	1360	2050	1630	1440	2520	544	685	1280	
21	2260	1740	1200	1300	1360	1950	1700	1380	2670	566	642	1210	
22	2260	1610	1080	813	1270	1780	1570	1370	2630	554	613	1170	
23	2320	1520	1150	630	1190	1590	1480	1420	2940	506	586	1160	
24	2300	1450	1350	590	1120	1500	1480	1260	3310	468	561	1170	
25	2280	1470	1630	650	1100	1500	1450	1290	3360	456	561	1180	
26	2240	1500	1930	800	1250	1500	1320	1320	2800	434	600	1140	
27	2200	1560	2160	1200	1300	1480	1270	1420	2560	412	639	1140	
28	2200	1630	2060	1800	1500	1480	1150	2160	2560	434	679	1210	
29	2150	1680	2060	2030	1500	1540	1120	2570	2760	459	807	1280	
30	2150	1680	2220	2000	1630	1630	1320	2890	2350	437	1080	1200	
31	2090	2170	1960	1660	1660	3100				427	1090		
Mean	2227	1810	1428	1424	1464	1600	1603	1922	3013	764	642	1191	
Max.	2530	2070	2290	2050	1820	2050	2090	3100	3620	1990	1090	1490	
Min.	2010	1450	632	590	1100	1390	1120	1260	2350	412	430	1030	
A.F.	136920	107680	87830	87560	84200	98380	95370	118160	179310	46990	39460	70890	

Total acre-feet 1152750

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT LEWELLEN
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2050	2300	1920	1780	1980	1190	1810	1770	3520	2200	424	1000
2	2180	2260	1930	1530	1900	1050	1760	2190	3700	1890	433	1060
3	2190	2210	1910	1240	1890	1400	1750	2520	3860	1600	455	1170
4	2150	2230	1900	1240	1800	1450	1790	2700	3930	1300	435	1240
5	2300	2230	1880	1360	1780	1430	1840	2760	3880	1120	444	1210
6	2750	2210	1970	1430	1690	1840	1890	2870	3710	1020	475	1230
7	2670	2200	1880	1460	1690	2050	1920	3200	3290	907	490	1220
8	2460	2200	1720	1520	1760	2240	1920	2990	2970	897	505	1150
9	2360	2190	1390	1510	1760	2260	1920	2850	3030	848	531	1100
10	2330	2210	1190	1680	1790	2180	1870	2550	3210	789	565	1060
11	2430	2230	1190	1620	1770	1970	1830	2170	3220	740	598	1040
12	2430	2220	1460	1640	1700	1920	2010	1860	3030	715	627	1030
13	2450	2290	1530	1730	1660	1850	2300	1860	3020	639	668	1300
14	2430	2280	1410	1720	1710	1900	2210	1860	2890	711	731	1360
15	2440	2260	830	1760	1650	1780	2090	1600	2800	677	721	1260
16	2440	2200	830	1720	1600	1850	2360	2110	2770	645	717	1260
17	2420	2140	840	1630	1570	1900	2230	1890	2860	621	677	1270
18	2380	2120	920	1600	1580	2000	2060	1570	2690	607	686	1260
19	2400	2100	1020	1560	1590	2180	1950	1550	2320	591	712	1260
20	2420	2100	1140	1450	1500	2190	1990	1600	2270	543	699	1360
21	2440	2090	1120	1320	1320	2100	2270	1560	2430	501	657	1310
22	2520	2090	1090	884	1300	2040	2110	1600	2420	511	615	1240
23	2500	2060	936	556	1250	1990	1820	1530	2580	511	592	1250
24	2420	2030	993	501	1200	1940	1780	1510	3050	460	583	1260
25	2380	2000	1160	648	1140	1880	1780	1470	3490	426	611	1260
26	2380	1950	1490	969	1280	1800	1750	1490	3090	417	628	1260
27	2380	1930	1760	1170	1420	1780	1710	1600	2710	406	643	1280
28	2330	1940	1820	1540	1430	1800	1620	2140	2630	426	669	1320
29	2310	1940	1860	1990	1380	1870	1560	2850	2980	455	740	1350
30	2310	1920	1820	2130	1900	1620	3160	2570		452	1030	1400
31	2290		1880	2110	1890	1890	3330			422	1080	
Mean	2385	2138	1445	1452	1589	1859	1917	2152	3031	776	627	1226
Max.	2750	2300	1970	2130	1980	2260	2360	3330	3930	2200	1080	1400
Min.	2050	1920	830	501	1140	1050	1560	1470	2270	406	424	1000
A.F.	146660	127200	86840	89250	91420	114290	114090	132320	180340	47700	38560	72930

Total acre-feet 1243600

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1807800	1841600	1881900	1881900	1881900	1829200	1795600	1804700	1863300	1903900	1714000	1573000
2	1807800	1841600	1881900	1881900	1881900	1829200	1792500	1804700	1869500	1900800	1708000	1570000
3	1807800	1841600	1885000	1881900	1881900	1829200	1792500	1804700	1872600	1897600	1702000	1567400
4	1807800	1841600	1885000	1881900	1881900	1823000	1795600	1807800	1881900	1891300	1696000	1564100
5	1807800	1841600	1885000	1881900	1881900	1823000	1795600	1807800	1888200	1885000	1687500	1561800
6	1810800	1844700	1888200	1878800	1875700	1820000	1795600	1807800	1891300	1878900	1681700	1559000
7	1810800	1844700	1888200	1878800	1875700	1820000	1798600	1813800	1891300	1872500	1675800	1556200
8	1810800	1844700	1888200	1878800	1872600	1816900	1798600	1816900	1891300	1866400	1670100	1553400
9	1813800	1847800	1888200	1878800	1872600	1816900	1801600	1820000	1891300	1864200	1664300	1553000
10	1813800	1847800	1885000	1881900	1869500	1816900	1801600	1820000	1888200	1854000	1658500	1550600
11	1816900	1850900	1885000	1881900	1866400	1816900	1798600	1823000	1891300	1847800	1652700	1545000
12	1816900	1850900	1885000	1881900	1866400	1816900	1801600	1823000	1891300	1841600	1649800	1542200
13	1816900	1854000	1885000	1881900	1863300	1813800	1801600	1823000	1894400	1835400	1644000	1542200
14	1820000	1854000	1885000	1881900	1860200	1813800	1801600	1826100	1897600	1829200	1641200	1539400
15	1820000	1857100	1885000	1885000	1860200	1813800	1801600	1826100	1900600	1823000	1638300	1536600
16	1820000	1857100	1885000	1888200	1857100	1813800	1804700	1832300	1903900	1816900	1635400	1536600
17	1820000	1857100	1885000	1888200	1854000	1810100	1804700	1835400	1903900	1810800	1629800	1536600
18	1823000	1860200	1881900	1888200	1854000	1810100	1804700	1835400	1903900	1804700	1624000	1533800
19	1823000	1860200	1881900	1888200	1850900	1807800	1807800	1835400	1903900	1798600	1621200	1533800
20	1826100	1863300	1881900	1888200	1850900	1807800	1807800	1838500	1900800	1792500	1618400	1531000
21	1826100	1866400	1881900	1888200	1847800	1807800	1807800	1835400	1900800	1786400	1615500	1528300
22	1826100	1869500	1878800	1891300	1844700	1804700	1810800	1835400	1900800	1780300	1609800	1528300
23	1826100	1869500	1878800	1891300	1841600	1804700	1810800	1838500	1897600	1771200	1607000	1525600
24	1829200	1869500	1878800	1891300	1841600	1801600	1810800	1841600	1897600	1765000	1601200	1525600
25	1829200	1872600	1878800	189200	1838500	1801600	1810800	1841600	1897600	1759000	1598400	1522900
26	1832300	1872600	1878800	1885000	1835400	1801600	1807800	1844700	1900800	1753000	1595600	1520200
27	1832300	1875700	1878800	1885000	1832300	1798600	1807800	1844700	1900800	1747000	1589800	1517500
28	1835400	1875700	1878800	1885000	1832300	1798600	1807800	1847800	1903900	1741000	1587000	1514800
29	1835400	1878800	1878800	1885000	1832300	1798600	1804700	1850900	1903900	1735000	1581400	1514800
30	1838500	1878800	1881900	1885000	1832300	1798600	1804700	1854000	1903900	1729000	1578600	1512100
31	1838500	1881900	1881900	1881900	1832300	1798600	1804700	1860200	1903900	1720000	1575800	1512100

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT KEYSTONE
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	199	11	5	524	1030	1500	1600	901	575	2550	1830	602
2	207	13	26	319	1040	1510	1450	931	806	2810	1790	597
3	207	48	36	343	1050	1510	430	981	635	3060	1890	586
4	225	8	9	261	1090	1500	8	994	1220	3070	2020	586
5	207	7	6	133	1240	1510	8	1010	1780	3060	2000	576
6	210	12	109	133	1300	1510	7	1090	2040	3160	1930	565
7	210	6	37	132	1420	1510	7	1090	3160	3020	1760	524
8	219	8	10	131	1430	1510	7	1110	3300	2890	1490	554
9	207	6	8	136	1490	1510	7	1120	3230	2840	1250	721
10	174	6	40	136	1580	1560	4	1110	2820	2830	1290	907
11	114	8	28	138	1560	1600	5	1120	2250	2880	1320	1100
12	122	12	16	140	1600	1680	7	1110	1630	2940	1090	1390
13	136	44	7	142	1650	1590	7	1110	1440	2940	919	1650
14	100	19	8	126	1700	1590	6	1110	1440	2680	913	1680
15	72	5	6	10	1700	1600	176	1090	1610	2700	949	1560
16	36	8	6	10	1700	1600	402	1090	1630	2610	949	1480
17	45	6	6	92	1560	1600	519	1180	2220	2460	901	1390
18	57	6	6	8	859	1600	488	1660	2570	2210	751	1360
19	48	5	6	13	817	1600	489	1660	2770	2150	721	1320
20	50	5	6	7	1210	1590	509	1530	2860	1900	686	1350
21	48	5	5	371	1580	1600	560	1100	2780	1650	769	1370
22	48	5	5	630	1520	1610	823	1080	2680	1580	859	1370
23	48	5	5	775	1490	1600	943	805	2680	1480	907	1370
24	46	5	15	686	1500	1600	919	733	2500	1390	901	1390
25	46	8	254	109	1510	1600	919	406	2220	1480	859	1400
26	46	5	238	193	1510	1600	919	428	2220	1730	919	1290
27	48	6	159	339	1500	1600	919	433	2240	1780	968	1120
28	48	5	180	424	1500	1600	913	433	2230	1820	925	1020
29	37	5	238	763	1510	1600	919	433	2340	1910	901	835
30	19	5	235	1050	-----	1600	907	438	2490	1860	787	544
31	8	-----	343	1150	-----	1610	-----	669	-----	1780	591	-----
Mean	106	10	66	304	1402	1574	496	966	2152	2372	1156	1073
Max.	225	48	343	1150	1700	1680	1600	1660	3300	3160	2020	1680
Min.	8	5	5	7	817	1500	4	406	576	1390	591	524
A.F.	6520	590	4080	18690	80620	96790	29510	59410	128060	145820	71080	63820

Total acre-feet 704990

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.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	71231	79151	69975	69215	59492	58443	53878	72908	71001	31090	28259	32654
2	71770	79043	69703	68235	59664	58075	55022	74152	70279	29128	27987	32583
3	72108	78786	69759	68112	60146	58043	55264	76087	70086	27400	27988	32603
4	72764	78834	68559	67846	60529	57134	54778	77427	69525	25242	27873	32706
5	73106	78898	68011	67882	60529	56984	54522	77755	69556	24115	28004	32620
6	73632	78984	67816	67815	60678	56981	54154	78878	68848	23459	28371	32661
7	73983	79048	68047	66867	60529	57379	53228	79836	68660	23639	28559	32577
8	74603	79343	67862	66657	60648	56955	52858	81051	68170	23967	28961	32367
9	75647	79287	67549	66387	60440	57636	52778	82476	67787	24626	29318	32242
10	75801	79343	67118	65695	61049	58035	53133	83617	67541	24473	29581	31949
11	76088	79407	66867	66042	60570	58376	54257	82714	67241	23730	30674	31087
12	76160	79438	66476	66131	60541	58919	54110	82420	67171	23713	31588	31838
13	76076	79653	66455	66560	60689	58658	53760	82109	66632	23181	32009	30258
14	76839	79287	66017	66590	61249	58086	53536	81510	65492	23371	32308	30423
15	77094	79595	65894	66441	61635	57717	53852	80786	64647	24102	32586	30353
16	77048	79792	65665	66382	61797	57707	53542	80530	62528	24712	33013	30147
17	77248	79499	65394	66498	61797	57601	54021	79605	58600	26240	33497	29922
18	76992	78388	65181	66326	61549	57798	55145	80655	55846	27516	33751	30210
19	77151	77662	65379	66068	61617	57598	55594	80854	52983	28042	33996	30298
20	77374	77470	64617	66216	61359	57741	56222	80803	51428	28323	34280	30767
21	76928	76491	64834	65725	61270	57885	56857	80959	48764	28661	33883	31532
22	77630	75707	65181	64122	60983	57370	59084	80823	46505	29130	33216	30813
23	77877	75155	65181	62756	60586	57229	80513	80673	45755	29534	32265	30957
24	78196	74900	66524	61063	60457	55623	81119	44844	42922	32166	31045	-----
25	78324	74029	66462	58898	59537	53162	63667	80569	43702	29778	32352	31099
26	78420	73428	66317	58901	58018	52126	65542	79703	42388	29618	32203	31491
27	78683	72621	66486	58637	58192	51220	66539	77997	40315	28978	32100	32005
28	79016	72201	67174	58490	58418	51820	68431	75957	38170	28398	31980	32621
29	79327	71636	66087	58292	58612	51860	69662	74174	36429	28335	31824	33008
30	79262	70657	69154	58805	-----	52613	71539	73808	32272	28473	31916	32702
31	79316	-----	69247	59234	-----	53739	-----	71770	-----	28567	32231	32720

Note: For total storage, add 8,100 A.F.

BUREAU OF IRRIGATION

447

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER AT SUTHERLAND
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	195	180	139	280	1110	1680	1680	1070	755	2080	1210	386
2	180	175	139	280	1160	1680	1680	908	736	2270	1230	353
3	162	175	134	280	1180	1630	1580	918	623	2330	1500	334
4	162	190	148	280	1190	1630	608	983	650	2420	1390	310
5	220	180	157	280	1240	1630	269	1060	1040	2800	1770	304
6	286	157	150	280	1380	1640	220	1070	1220	2840	1920	328
7	258	162	150	280	1420	1660	220	1230	1690	2960	1860	328
8	264	162	130	280	1530	1700	210	1180	1990	2980	1770	292
9	280	148	120	260	1570	1700	210	1220	2820	2720	1490	242
10	274	144	124	254	1630	1750	200	1230	2940	2640	1210	435
11	264	148	151	288	1740	1770	175	1180	2780	2580	1350	632
12	195	148	182	284	1720	1910	180	1130	2360	2660	1360	815
13	230	144	165	293	1770	1890	185	1120	1740	2780	1100	1100
14	230	166	112	390	1770	1810	162	1160	1190	2840	856	1420
15	195	166	101	358	1800	1770	152	1170	1060	2860	815	1440
16	170	166	113	264	1800	1780	334	1520	1110	2700	845	1380
17	140	155	125	226	1830	1770	528	1530	1320	2400	805	1220
18	139	165	128	254	1750	1770	660	1440	1470	2350	660	1060
19	139	185	130	240	1070	1800	660	2020	1870	2190	450	618
20	139	175	130	206	856	1810	632	2350	2170	2000	392	550
21	148	166	130	146	1180	1800	785	2170	2400	1800	340	1130
22	195	166	150	95	1640	1800	825	1560	2550	1430	398	1210
23	200	157	150	250	1600	1780	950	1320	2380	1280	480	1180
24	152	166	150	472	1570	1770	1030	994	2330	1080	528	1170
25	148	195	150	808	1600	1770	961	866	2270	928	528	1190
26	148	166	150	894	1640	1750	929	560	2050	994	472	1230
27	162	148	150	467	1680	1740	961	623	1800	1300	536	1110
28	190	134	200	656	1690	1740	972	536	1830	1390	698	898
29	190	134	200	664	1720	1770	972	512	1840	1430	650	795
30	195	139	220	801	.....	1720	983	512	1830	1430	678	605
31	195	.....	250	1000	.....	1690	.....	528	.....	1430	552	.....
Mean	190	162	149	381	1512	1745	664	1151	1760	2126	963	826
Max.	286	195	250	1000	1830	1910	1680	2350	2940	2980	1920	1440
Min.	139	134	101	95	856	1630	152	512	623	929	340	242
A.F.	11680	9640	9180	23400	86950	107330	39500	70750	104760	130700	59190	49120

Total acre-feet 702200

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
AT NORTH PLATTE

Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	440	425	393	555	1400	2060	2080	1500	794	1860	1580	650
2	401	409	393	470	1500	2000	2040	1390	1000	1990	1710	616
3	401	409	378	567	1600	1860	2060	1180	860	2200	1790	574
4	474	448	393	686	1650	1860	1700	1260	794	2230	1860	558
5	491	457	409	736	1700	1880	720	1350	930	2350	1910	566
6	601	457	425	696	1770	2040	544	1360	1190	2650	2100	574
7	582	417	393	552	1720	1980	491	1500	1380	2710	2100	582
8	544	425	417	507	1790	2040	465	1560	1690	2710	2010	566
9	534	425	363	516	1970	2080	448	1560	1940	2750	1790	502
10	508	417	300	480	1980	2130	432	1560	2710	2630	1430	488
11	517	401	390	462	2060	2130	432	1440	2930	2520	1580	632
12	491	401	517	527	2130	2130	440	1390	2810	2580	1480	812
13	465	393	447	527	2150	2060	457	1350	2480	2610	1310	1020
14	517	417	200	627	2290	2120	417	1420	1800	2770	1000	1430
15	508	425	185	736	2310	2100	401	1420	1220	2830	920	1670
16	465	425	200	672	2330	2130	611	1720	1150	2790	930	1750
17	417	417	300	499	2310	2170	680	2020	1290	2690	940	1640
18	386	425	300	382	2310	2190	876	1740	1460	2540	930	1500
19	386	457	300	428	2040	2190	924	1690	1610	2420	832	1420
20	401	432	300	428	1280	2210	912	1930	1960	2310	675	1390
21	393	409	300	342	1290	2190	1080	2190	2180	2080	641	1430
22	448	393	300	199	1840	2150	1220	2250	2370	1820	598	1490
23	491	393	300	270	2120	2140	1330	1620	2580	1500	658	1500
24	440	386	380	394	2020	2140	1330	1320	2520	1380	693	1520
25	417	465	395	400	1860	2130	1380	1170	2400	1140	720	1480
26	417	432	390	640	1950	2120	1380	960	2350	1070	658	1540
27	500	417	406	800	2020	2170	1320	1020	2200	1220	582	1520
28	534	409	434	984	2020	2130	1300	852	1920	1390	666	1380
29	500	401	470	836	2040	2130	1280	774	1890	1500	738	1150
30	474	401	536	1070	.....	2120	1330	785	1890	1520	765	1090
31	440	.....	555	1300	.....	2100	.....	774	.....	1560	747	.....
Mean	470	420	370	590	1912	2093	998	1421	1811	2139	1172	1099
Max.	601	465	555	1300	2330	2210	2080	2250	2930	2830	2100	1750
Min.	386	386	185	199	1280	1860	401	774	794	1070	582	488
A.F.	28920	24970	22750	36290	109980	128710	59370	87380	107780	131540	72090	65410

Total acre-feet 875190

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
AT JULESBURG, COLORADO
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	294	376	355	298	451	703	771	667	3670	99	33	69
2	267	376	365	343	443	689	734	653	3510	103	34	63
3	217	375	376	395	429	651	649	623	3160	74	32	59
4	191	391	359	455	409	632	587	613	2890	74	32	55
5	212	397	354	515	412	679	550	671	2610	64	35	51
6	274	401	358	475	402	770	516	748	2060	62	33	48
7	286	401	355	520	403	829	462	822	1520	59	32	48
8	283	397	328	580	409	858	474	816	1100	55	35	49
9	294	398	275	430	487	911	491	894	770	51	37	46
10	334	396	227	330	540	903	548	609	576	46	37	43
11	363	389	235	520	569	873	698	495	471	43	38	42
12	390	390	341	506	597	848	750	389	467	43	38	42
13	413	386	405	485	610	753	753	298	453	51	39	52
14	415	381	328	474	622	747	742	252	418	74	39	58
15	417	371	223	452	625	742	735	233	338	102	34	67
16	416	367	211	431	631	763	780	458	250	86	34	69
17	407	357	204	404	644	771	757	984	182	67	34	70
18	398	359	258	389	656	777	729	1140	132	61	32	71
19	402	365	276	407	649	764	685	1070	90	57	30	71
20	401	387	225	396	626	736	615	1170	83	49	30	70
21	400	375	309	360	625	704	647	1360	85	46	33	66
22	401	374	421	294	638	679	714	1570	86	42	33	64
23	397	374	388	320	658	687	706	1210	84	41	33	65
24	382	375	425	420	637	666	668	971	89	38	33	70
25	369	375	479	541	585	763	645	890	85	36	67	70
26	369	369	507	687	610	819	689	896	86	35	105	70
27	389	364	538	644	657	857	719	1070	81	33	114	67
28	389	364	565	518	702	887	632	1790	81	34	82	65
29	384	359	451	497	704	891	591	2580	100	34	70	63
30	378	361	353	505	505	872	627	3150	108	32	64	63
31	372	349	481	481	481	857	627	3500	108	32	64	63
Mean	352	378	349	454	567	777	655	1045	854	56	45	60
Max.	417	401	565	687	704	911	780	3500	3670	103	114	71
Min.	191	357	204	294	402	632	462	233	81	32	30	42
A.F.	21610	22510	21470	27910	32590	47760	39000	64250	50850	3420	2770	3580

Total acre-feet 337720

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER AT PAXTON
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	11	10	8	13	12	23	22	2260	12	6	14
2	13	10	10	8	11	12	21	20	2520	10	6	14
3	12	13	10	9	10	12	160	17	2640	10	6	14
4	12	12	10	9	10	10	520	16	2310	10	6	14
5	14	12	10	9	10	10	638	16	1990	10	6	14
6	14	11	10	8	10	25	676	16	1920	10	5	14
7	18	10	10	9	10	18	650	20	1480	10	6	14
8	14	10	9	9	10	16	596	18	980	10	6	13
9	12	10	8	8	11	16	579	17	525	10	6	12
10	12	10	8	8	10	14	590	16	252	9	6	12
11	12	10	9	9	10	14	584	14	76	10	6	12
12	12	10	10	8	14	8	715	14	44	12	5	12
13	12	10	10	9	18	105	808	14	35	10	5	12
14	12	10	8	12	28	140	860	15	28	12	7	12
15	12	10	9	15	43	43	782	16	25	12	6	12
16	11	10	10	15	42	36	222	21	21	10	6	12
17	10	10	9	14	34	35	61	35	18	9	9	13
18	10	10	8	14	30	35	46	128	17	10	8	13
19	10	10	8	14	27	44	30	670	14	10	8	14
20	10	10	8	13	25	40	27	750	14	8	8	14
21	11	10	8	13	22	29	29	792	14	8	8	15
22	11	10	8	12	17	120	27	972	14	7	9	14
23	11	10	8	12	15	356	24	1150	14	7	10	14
24	10	10	8	12	12	676	24	1030	14	7	10	14
25	10	10	8	11	9	736	24	892	13	7	9	14
26	10	10	8	11	10	378	22	764	14	7	11	13
27	10	10	8	11	12	120	20	708	13	7	11	15
28	10	10	9	11	11	51	20	736	12	7	10	18
29	10	10	10	12	12	40	18	1030	12	6	11	23
30	10	10	10	12	12	30	18	1590	12	6	12	26
31	10	10	8	12	12	26	26	2130	12	5	12	26
Mean	12	10	9	11	17	103	294	440	577	9	8	14
Max.	18	13	10	15	43	736	860	2130	2640	12	12	26
Min.	10	10	8	8	9	8	18	14	12	5	5	12
A.F.	720	610	550	670	980	6360	17480	27070	34320	550	480	850

Total acre-feet 90640

DISCHARGE IN SECOND-FEET OF SOUTH PLATTE RIVER
AT NORTH PLATTE

Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	176	158	151	140	171	176	220	196	1770	135	122	122
2	176	161	153	150	174	179	210	196	1900	132	124	122
3	176	158	156	167	176	171	201	190	2020	132	142	122
4	176	158	156	168	169	174	256	185	2130	128	139	120
5	185	161	163	171	169	185	515	176	2050	122	144	114
6	204	166	171	166	163	176	634	166	1890	120	144	114
7	199	163	161	186	163	185	689	171	1660	120	137	114
8	190	166	163	242	163	185	710	171	1340	120	137	110
9	187	166	160	233	163	185	696	174	987	122	142	105
10	171	166	158	210	161	196	675	182	689	122	146	106
11	166	161	156	163	166	199	675	174	521	122	169	106
12	166	166	158	146	166	207	696	169	384	128	171	110
13	169	163	161	148	171	185	790	176	282	128	161	120
14	176	161	151	179	176	217	814	179	256	132	148	128
15	166	161	150	193	176	278	846	169	220	135	142	120
16	166	158	136	182	179	236	814	190	196	135	142	124
17	166	174	121	179	193	226	482	204	182	130	142	126
18	156	171	104	171	189	223	323	217	163	128	142	126
19	151	161	96	174	201	220	286	246	166	128	135	128
20	153	158	71	169	193	217	253	563	166	122	122	128
21	156	158	78	163	213	217	253	742	161	120	118	132
22	169	158	93	50	199	190	242	924	158	118	116	135
23	171	158	110	97	185	185	229	1050	158	120	120	135
24	169	161	100	153	176	398	229	1180	156	118	120	130
25	158	163	98	214	166	668	217	1100	153	112	126	128
26	156	161	98	225	163	774	210	960	151	108	126	128
27	156	158	98	234	171	563	199	846	148	108	116	126
28	156	156	107	217	179	374	193	782	144	110	114	120
29	158	153	109	182	182	286	196	814	142	120	114	116
30	158	153	120	185	-----	260	193	1060	139	120	118	118
31	158	-----	140	179	-----	236	-----	1430	-----	116	-----	-----
Mean	169	161	131	175	177	264	432	483	683	123	134	121
Max.	204	174	171	242	213	774	846	1430	2130	135	171	135
Min.	151	153	71	50	161	171	193	166	139	108	114	105
A.F.	10390	9590	8030	10780	10170	16210	25680	29720	40630	7560	8240	7210

Total acre-feet 184210

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND
SOUTH PLATTE RIVERS AT NORTH PLATTE

Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2109	2194	2068	1953	3286	3938	3352	2474	3449	3110	3245	1999
2	2038	2172	2011	2053	3352	3778	3472	2392	3869	3223	3324	2085
3	2065	2100	2020	2193	3369	3732	3489	2016	3785	3406	3289	1985
4	2127	2068	2062	2364	3535	3735	3182	2136	3781	3484	3453	2023
5	2121	2131	2130	2468	3600	3749	2868	2167	3761	3640	3472	2010
6	2323	2119	2225	2330	3637	3876	2535	2086	3907	3707	3630	2037
7	2212	1985	2071	2360	3601	3831	2423	2224	3779	3586	3519	1988
8	2144	2127	2014	2288	3670	3878	2190	2361	3636	3323	3302	1959
9	2204	2146	1968	2317	3812	3830	2113	2366	3747	3478	3067	1946
10	2140	2099	2008	2305	3722	3968	2068	2394	4190	3479	2730	1930
11	2144	2007	1984	2183	3953	4024	2062	2248	4248	3522	2694	1967
12	2170	2036	2198	2209	3993	4012	2188	2317	3926	3656	2723	1967
13	2074	2165	2236	2019	4038	3915	2399	2151	3421	3686	2613	1938
14	2029	2138	1791	2350	4188	4034	2770	2286	2744	3705	2372	2159
15	2161	1714	1893	2452	4210	4039	2855	2196	2067	3758	2234	2283
16	2140	2190	1845	2401	4199	3949	3144	2586	2572	3604	2298	2454
17	2088	2232	1911	2234	4211	4054	2790	2791	3022	3291	2256	2272
18	2062	2083	1822	2167	4254	4118	2828	2010	2988	3184	2276	2054
19	2060	2056	1852	2156	3941	4139	2813	2044	3006	3278	2103	1910
20	2126	1967	1655	2080	3230	4125	2548	2803	3323	3313	2003	1903
21	1976	2128	1631	2093	3272	4183	2587	3000	3410	3149	2049	1944
22	2122	1981	1629	1730	3760	4045	2577	3245	3394	2957	2076	2002
23	2166	2085	1552	1906	3963	3272	2463	2736	3478	2886	2157	2039
24	2153	2107	1671	2086	3795	4354	2426	2564	3323	2737	2099	2069
25	2108	2147	1686	2111	3674	4620	2458	2329	3070	2674	2196	1960
26	2150	2163	1737	2365	3811	4709	2381	2490	3239	2707	2148	2006
27	2196	2122	1739	2521	3916	4543	2255	2644	3108	2972	2094	1997
28	2101	2062	1817	2784	3928	4235	2199	2586	2968	3237	2155	1773
29	2192	1950	1825	2675	3950	4111	2237	2578	3047	3269	2194	1882
30	2168	2062	1900	2931	-----	3878	2289	2704	3079	3081	2132	1958
31	2165	-----	1950	3210	-----	3954	-----	3218	-----	3129	2197	-----
Mean	2130	2085	1900	2299	3789	4021	2599	2450	3378	3291	2590	2017
Max.	2323	2232	2236	3210	4254	4709	3489	3245	4248	3758	3630	2454
Min.	1976	1714	1552	1730	3230	3272	2062	2010	2067	2674	2003	1773
A.F.	130980	124040	116830	141370	217920	247240	154870	150630	201000	202380	159270	120050

Total acre-feet 1966380

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR BRADY
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	184	296	280	365	1200	2230	2040	357	1290	945	915	247
2	193	303	269	604	1450	2300	1480	493	1570	943	969	232
3	170	319	223	563	1660	2300	1490	435	1790	1080	1080	244
4	182	259	254	518	1640	2310	1490	302	1910	1190	1160	206
5	231	327	285	542	1710	1890	1190	282	1700	1330	1140	264
6	275	379	265	545	1700	2010	1050	288	1710	1570	1310	176
7	400	313	339	548	1730	1900	834	276	1700	1650	1270	164
8	337	276	299	552	1890	1860	690	318	1700	1450	1170	154
9	297	341	273	513	1810	1850	594	285	1610	1630	963	140
10	314	340	378	512	1720	1820	548	414	1770	1530	900	138
11	288	317	481	548	1760	2020	628	415	2250	1400	850	143
12	278	232	393	509	1910	2000	460	368	2110	1460	814	145
13	283	272	351	500	2040	1940	491	379	1840	1450	684	142
14	252	320	352	425	2130	2000	547	322	1420	1450	564	156
15	208	310	597	529	2230	2110	894	346	680	1320	432	154
16	272	187	615	607	2190	2190	1160	408	402	1450	326	207
17	271	185	1030	617	2160	2270	1140	726	650	1330	305	253
18	249	220	995	558	2150	2420	1020	616	874	1140	276	205
19	234	285	962	525	2080	2410	970	308	800	1070	280	164
20	237	307	955	500	1880	2470	880	310	866	1090	209	151
21	263	338	960	411	1880	2590	707	659	1040	1110	177	147
22	208	356	890	355	1870	2600	625	943	1150	941	170	149
23	307	260	842	348	1880	2060	659	1050	1140	790	166	230
24	327	447	760	426	1840	3060	564	892	1150	674	168	412
25	317	497	643	538	1880	3850	492	679	1070	752	168	231
26	284	370	562	752	2090	3580	466	475	897	652	185	164
27	295	372	516	715	2110	3040	408	726	1110	675	170	148
28	302	332	502	847	2190	2700	342	752	969	848	178	137
29	242	302	470	832	2300	2380	310	643	846	948	209	130
30	349	293	384	809	-----	2170	334	672	904	904	247	128
31	284	-----	356	946	-----	2000	-----	837	-----	785	230	-----
Mean	268	312	535	569	1899	2333	817	519	1304	1147	570	185
Max.	400	497	1030	946	2300	3850	2040	1050	2250	1650	1310	412
Min.	164	185	223	348	1200	1820	310	276	402	652	166	128
A.F.	16490	18560	32890	34860	109250	143460	48600	31890	77590	70530	35080	11030

Total acre-feet 630330

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT COZAD
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	232	450	451	497	1930	2500	2380	439	551	22	17	56
2	227	386	426	474	1950	2420	1980	481	838	22	21	34
3	227	419	396	628	2120	2410	1700	550	1070	21	46	40
4	226	391	334	710	2190	2370	1700	516	1220	22	31	57
5	252	396	343	645	2100	2250	1680	423	1320	22	126	30
6	316	425	394	659	2130	2200	1430	407	1130	25	86	59
7	356	468	396	693	1980	2230	1190	403	1140	137	243	32
8	430	421	320	684	1990	2240	940	387	1090	237	234	23
9	385	391	289	676	2000	2230	767	428	1030	65	140	15
10	363	456	282	635	1970	2240	695	473	939	74	51	19
11	377	439	426	696	1910	2290	689	498	1060	35	11	19
12	362	395	516	755	1980	2520	607	503	1260	35	250	18
13	385	358	492	752	2100	2410	479	447	1020	46	309	17
14	357	389	422	683	2200	2490	493	411	751	515	274	18
15	331	419	330	678	2300	2390	594	372	504	378	217	17
16	317	380	381	700	2310	2500	873	373	261	281	131	16
17	342	241	493	694	2210	2600	1140	432	109	368	42	26
18	333	319	688	705	2280	2630	1100	645	32	188	27	18
19	315	398	768	675	2310	2620	1050	558	21	54	25	17
20	311	401	721	623	2220	2580	1030	423	17	43	23	24
21	333	411	723	659	2180	2510	1010	387	81	88	21	27
22	351	475	790	500	2120	2380	929	600	159	81	20	19
23	333	446	819	370	2060	2180	843	835	212	30	22	50
24	377	354	840	400	2170	2130	797	945	209	24	25	218
25	399	450	802	450	2400	2650	730	775	227	22	26	466
26	364	547	741	460	2390	3100	662	642	132	21	26	308
27	393	491	695	830	2390	3100	588	517	84	21	23	180
28	415	473	696	1020	2360	2900	532	506	146	22	25	155
29	403	472	693	1440	2460	2700	454	497	74	39	30	79
30	366	451	665	1750	-----	2550	439	465	24	27	105	15
31	425	-----	558	1880	-----	2350	-----	437	-----	20	111	-----
Mean	342	417	545	742	2162	2473	983	509	557	96	92	69
Max.	450	547	840	1880	2460	3100	2380	945	1320	515	309	466
Min.	226	241	262	370	1910	2130	439	372	17	20	17	15
A.F.	21030	24820	33500	45600	124380	152070	58490	31290	33150	5920	5640	4120

Total acre-feet 540010

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT OVERTON
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1600	2030	1980	1280	3380	4070	3740	2370	1900	1190	230	478
2	1620	1980	1620	1690	3380	4170	3840	2340	2170	1150	277	346
3	1720	2120	2140	2040	3430	4230	3490	2200	2340	1240	222	596
4	1550	2090	2200	2180	3740	4270	3360	2600	2600	939	230	660
5	1650	2170	2060	2310	3770	4370	3330	2170	2750	904	261	701
6	1720	2460	2120	2180	3840	4170	2750	2120	2660	821	269	660
7	1700	2230	2230	2250	3770	3710	2930	2230	2510	939	318	277
8	1880	2280	2480	2230	3710	3770	2960	1960	2480	920	478	364
9	2010	2310	2310	2230	3680	3650	2960	1750	2480	870	489	414
10	1850	2340	2400	2220	3270	3840	2840	1440	2480	788	383	536
11	1900	1850	2260	2210	3400	4040	2690	1390	2230	674	524	364
12	1880	2090	2230	2240	3400	4300	2840	1550	2260	620	596	292
13	1720	2010	2060	2280	3610	4340	2310	1460	2140	414	772	289
14	1550	2090	1900	2430	3740	4200	1930	1620	1720	772	904	166
15	1780	2090	1800	2790	3840	4300	2060	1660	1090	920	870	172
16	1830	2060	1700	3080	3900	3840	2310	1660	1030	977	701	130
17	1860	2170	1600	2740	4070	4200	2540	1460	742	755	468	216
18	1830	1960	1570	2660	4230	4340	2900	1780	560	804	620	230
19	1830	2030	1550	2620	4340	4270	2930	2010	374	821	647	269
20	1880	2340	1550	2150	4300	4580	2630	1980	524	608	608	392
21	1880	2200	1600	2140	4200	4680	2780	1930	688	728	500	337
22	1850	2010	1710	2050	4470	4440	2720	1900	838	647	392	500
23	1900	2170	1570	2240	4300	3610	2690	2370	804	620	512	500
24	1930	2230	1480	2320	3740	4300	2690	2600	788	596	414	424
25	1930	2120	1260	2380	3770	4440	2630	2510	920	572	383	548
26	2090	2010	1180	2560	4300	5000	2510	2430	870	500	383	804
27	2010	2140	1110	2650	4400	5530	2310	2930	977	374	292	647
28	1900	2140	1040	2540	4270	5210	2310	2400	870	355	269	524
29	2200	2090	1130	2800	4300	4680	2310	2120	977	216	269	634
30	2310	2170	1160	3420	.....	3770	2230	1750	1070	185	346	634
31	2090	.....	1380	3250	.....	3900	.....	1880	.....	230	253	.....
Mean	1857	2133	1754	2392	3881	4265	2751	2002	1528	714	448	436
Max.	2310	2460	2480	3420	4470	5530	3840	2930	2750	1240	904	804
Min.	1550	1850	1040	1280	3270	3610	1930	1390	374	185	222	130
A.F.	114190	126900	107860	147090	223240	262250	163680	123070	90930	43930	27530	25950

Total acre-feet 1456620

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT ODESSA
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1440	1720	1620	1580	3220	3710	4140	2490	1750	936	5	233
2	1640	1930	1230	1330	3440	3780	3820	2070	1750	995	43	301
3	1770	2020	1600	1370	3430	3290	3710	1990	2050	1040	51	256
4	1540	1960	1910	1630	3540	3310	3190	1990	2370	800	11	416
5	1670	2070	1930	1780	3850	3600	3080	1960	2620	594	30	430
6	1700	1930	1990	1790	3960	4190	2840	1910	2710	642	30	416
7	1640	1750	1800	1800	4140	4290	2430	2100	2240	800	28	312
8	1350	1800	2020	1900	3620	4480	2810	1850	2290	660	38	148
9	1850	2050	1880	2060	3860	4240	2780	1850	2100	548	148	213
10	1770	1990	1910	1850	3630	4180	2490	1640	2240	594	194	194
11	1800	1720	2020	1830	3330	4100	2280	1400	2020	516	290	278
12	1770	1770	2020	1910	3590	4140	2310	1400	1860	430	402	158
13	1600	1800	1960	1930	3750	3980	2220	1400	1880	470	563	176
14	1700	1750	1600	1850	3940	4060	1260	1370	1600	1020	782	194
15	1350	1850	1500	1920	3750	3940	1470	1500	976	976	878	139
16	1750	1750	1380	2010	3900	3630	1770	1750	858	995	695	130
17	1620	1990	1430	2190	4310	3400	2130	1350	610	878	625	139
18	1570	1880	1200	2390	4390	3860	2620	1620	578	800	233	167
19	1370	1670	1070	2250	4390	3900	2710	1540	486	839	486	167
20	1520	2070	1110	1920	3940	4100	2620	1770	301	730	376	204
21	1770	1930	1070	1540	3670	4270	2780	1880	578	532	278	256
22	1770	1830	1150	1550	3750	3800	3090	1910	748	610	204	233
23	1930	1640	1280	1500	4100	3500	2620	2050	748	501	185	278
24	1670	1990	1300	1980	3670	3800	2550	2190	625	362	222	222
25	1750	2050	1320	2080	3290	4300	2480	2160	839	376	148	233
26	1880	1640	1250	2190	3980	5200	2310	2050	765	335	139	256
27	1830	1930	1200	2360	4270	6020	2400	3440	765	290	130	416
28	1830	1800	1240	2310	4060	5450	2100	2910	765	167	176	267
29	1620	1670	1320	2240	3860	4820	2400	2020	765	102	185	185
30	1930	1720	1450	2490	.....	4520	2340	1930	765	38	185	290
31	1670	.....	1500	3200	.....	3860	.....	1570	.....	9	194	.....
Mean	1680	1856	1525	1958	3815	4120	2591	1902	1355	600	257	244
Max.	1930	2070	2020	3200	4390	6020	4140	3440	2710	1040	878	430
Min.	1350	1640	1070	1330	3220	3290	1280	1350	301	9	5	130
A.F.	103260	110420	93740	120400	219430	253330	154160	116970	80650	36860	15770	14490

Total acre-feet 1319500

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR GRAND ISLAND
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1370	1620	1970	1530	3750	3270	4190	2100	1720	948	25	228
2	1370	1410	1990	1440	4250	2340	4110	2320	1620	818	33	220
3	1390	1700	1780	1340	4160	2050	3900	2290	1620	966	104	220
4	1550	1850	1590	1320	4050	1050	4000	2230	1660	1030	16	220
5	1660	1620	1940	1440	4060	1330	3450	2120	1790	930	21	213
6	1780	2090	2020	1620	4170	2150	3250	2020	1990	701	16	228
7	1890	2130	2020	1750	4460	3110	3250	1890	2100	911	15	296
8	1720	1940	1920	1770	4600	4260	2660	2100	2070	1110	31	296
9	1590	1760	1320	1870	4520	4920	3130	1990	1990	837	18	242
10	1520	1940	1340	2030	4830	5360	3130	1820	1990	750	15	138
11	1590	2070	1460	2010	4590	5210	3030	1570	1860	591	33	128
12	1590	1980	1630	2010	4070	5210	3190	1480	1690	606	74	133
13	1570	1790	1650	2030	4700	4710	3030	1430	1590	684	78	159
14	1570	2020	904	2470	5500	4410	2810	1570	1460	1760	128	138
15	1620	1870	843	2540	4680	4600	2230	1620	1410	1860	253	113
16	1430	1760	900	2560	4190	4300	2070	2230	1030	1460	392	113
17	1590	1730	900	2540	3970	4190	2320	2370	600	1170	461	62
18	1640	2130	900	2500	4000	4190	2600	2050	600	1050	365	27
19	1640	2320	1100	2480	4110	4410	2750	1660	600	892	307	18
20	1570	2420	1000	2360	3470	4370	3490	1720	600	800	250	29
21	1570	2280	931	2230	2350	4140	4220	2070	517	718	250	53
22	1570	2050	998	1880	2580	3930	3800	2180	562	591	250	100
23	1570	1890	1050	1170	3020	3000	3830	2210	684	474	250	138
24	1640	1600	1130	985	3980	3320	3380	2150	606	447	250	154
25	1620	1800	1270	958	3820	4090	3160	2230	620	392	250	184
26	1620	2180	1370	1350	3450	5450	3030	2290	734	210	250	184
27	1740	1970	1430	1940	3970	6310	2840	3060	1070	210	250	159
28	1820	2100	1400	2350	3960	5300	2630	4370	985	210	250	170
29	1720	2150	1390	2460	3820	5180	2100	3550	837	210	296	264
30	1590	2020	1430	2840	-----	4980	2050	2460	1110	78	286	228
31	1740	-----	1510	3230	-----	4910	-----	2070	-----	50	253	-----
Mean	1607	1940	1389	1968	4037	4066	3121	2168	1256	757	176	162
Max.	1890	2420	2020	3230	5500	6310	4220	4370	2100	1860	461	296
Min.	1370	1410	843	958	2350	1050	2050	1430	517	50	15	18
A.F.	98840	115400	86420	121000	232200	250000	185700	133300	74730	46540	10850	9630

Total acre-feet 1363610

DISCHARGE IN SECOND-FEET OF PLATTE RIVER NEAR DUNCAN
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1640	1750	2440	1120	2700	5500	6210	2770	3010	981	80	227
2	1670	1910	2410	1220	2960	4850	5150	2870	2470	888	37	203
3	1800	1460	2380	1300	3460	4560	4900	2800	1910	660	70	175
4	1940	1540	2310	1260	4240	2870	4480	2700	1940	604	61	154
5	1970	1410	1970	1100	4780	2600	4690	2250	1860	765	23	116
6	2280	2160	2050	1140	5180	2310	4360	2250	2050	720	23	104
7	2410	2470	2250	1250	5400	3160	3980	2220	2220	735	154	92
8	2530	3340	2160	1570	5820	5550	3770	2160	2410	750	236	46
9	2220	3050	1860	1710	6190	8920	3800	2250	2380	870	70	70
10	2080	2410	1870	1800	6720	9360	4120	2190	2190	906	32	110
11	1720	2340	1410	1910	6970	8320	4200	1970	2110	660	12	110
12	1860	2500	1860	2050	7260	7640	4200	1860	1970	552	12	66
13	1940	2670	1350	2190	7350	7690	4160	1840	1970	539	9	32
14	1940	2470	1690	2360	7440	6260	3960	1640	1890	1410	6	56
15	2020	2380	1630	2500	7630	5590	3690	1410	1700	2980	12	16
16	1910	2160	1100	2700	7740	5810	3050	2000	1490	2500	6	28
17	1860	1700	824	2800	7200	5280	2500	2340	1390	2160	51	37
18	1700	1540	804	2830	6400	5110	2500	2530	1020	1860	352	12
19	1970	1540	632	2720	6320	5200	3050	2380	780	1460	434	8
20	1940	2340	785	2630	6670	5280	3460	2020	750	1240	412	3
21	1830	2770	848	2600	5840	4730	4810	2160	660	1110	342	0
22	1830	2730	803	2890	4250	3770	5990	2670	617	924	168	3
23	1910	2600	728	2700	4180	3340	5330	3160	456	780	154	5
24	1970	2050	758	2330	4290	3310	5200	3050	513	591	128	13
25	1750	2020	792	1830	5600	3500	4650	2730	456	380	270	21
26	1800	2340	852	1700	6080	6030	3960	2670	500	342	86	21
27	2000	3190	931	1600	4750	8050	3420	3500	981	252	61	17
28	2060	2840	1010	1870	4940	9420	3120	4160	870	182	116	22
29	2110	2440	1130	2280	5420	7200	3010	5500	981	189	168	28
30	1970	2560	1090	2440	-----	7050	3010	5240	981	147	324	28
31	1890	-----	1160	2600	-----	6580	-----	3800	-----	116	304	-----
Mean	1953	2289	1409	2032	5647	5640	4088	2669	1484	911	136	61
Max.	2530	3340	2440	2890	7740	9420	6210	5500	3010	2980	434	227
Min.	1640	1410	632	1100	2700	2100	2500	1410	456	116	6	0
A.F.	120100	136200	86650	125000	324800	346800	243200	164100	88310	56040	8360	3620

Total acre-feet 1703180

BUREAU OF IRRIGATION

453

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT NORTH BEND
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4010	5180	4940	2760	4320	8880	10200	4940	6280	2920	1010	2490
2	3810	5220	5060	2810	4560	8920	10000	4940	5180	2400	906	1980
3	4070	4520	5060	2810	4800	7400	8880	5430	4970	2490	1010	1890
4	4430	4370	5150	2920	5360	5120	8200	5220	4100	1830	1040	1920
5	4970	5500	5150	2860	5880	2820	7600	5290	4370	1790	906	1760
6	5090	5360	5060	2910	6000	2420	7400	4880	4190	2000	945	1890
7	5320	6480	4820	2910	6480	2720	6960	4880	4370	2000	1320	1670
8	5500	6520	4550	3020	7220	3320	6680	4970	4550	2420	1580	1700
9	5060	5880	4520	3240	8190	6280	7640	4850	4850	3480	2870	1530
10	4820	5600	4880	3390	9740	9400	7560	5000	4490	3190	2220	1400
11	4580	5460	3920	3680	11300	9450	7720	5220	4010	2350	1610	1400
12	4310	4940	3240	4130	12600	10800	8300	4280	4220	1740	1560	1350
13	4310	5400	3920	4560	13300	11600	8430	4190	3780	2080	1560	1330
14	4790	5090	3360	5050	13500	11800	7980	3950	3750	2220	1680	1410
15	4580	4910	2320	5210	13900	9850	7640	3670	3480	3400	1630	1410
16	4970	4910	1510	5210	12200	8740	7000	4040	3090	4820	1760	1380
17	4880	3780	1380	5340	10800	8610	6130	4850	2920	3750	1480	1510
18	4910	3780	1280	5380	10000	9400	5850	5680	2650	3190	1580	1430
19	5030	4370	1200	5620	9120	9700	6160	5880	2060	2840	2000	1610
20	4670	3920	1430	5760	7870	10400	6960	5570	2000	2470	2510	1560
21	6060	4430	1580	4230	8580	10100	7680	5220	2470	2240	1850	1630
22	5030	4790	1830	3690	6800	9350	9800	5570	2220	1890	1870	1600
23	5060	4610	1930	3720	5540	5180	10400	7520	1870	1720	1850	1480
24	4850	4730	2090	3920	5920	3750	9650	7360	2120	1560	1770	1300
25	4820	3890	2100	3650	5920	5060	8700	6560	1980	1530	4250	1760
26	4850	3810	2210	3420	7760	6960	7480	5570	1980	1280	4350	1410
27	4880	4730	2250	3180	7940	13600	6780	6100	4130	1040	3170	1830
28	5060	5430	2390	2910	7640	15000	6160	7400	3400	1110	2400	1770
29	5400	5120	2450	3100	7940	12500	5640	8880	3400	984	2380	1180
30	5280	4850	2700	3500	-----	11700	5150	8340	3350	484	3020	1940
31	5120	-----	4030	-----	-----	11400	7480	-----	-----	832	3040	-----
Mean	4855	4919	5128	3836	8317	8459	7690	5604	3541	2195	1972	1617
Max.	6060	6520	5150	5760	13900	15000	10400	8880	6280	4820	4350	2490
Min.	3810	3780	1200	2760	4320	2420	5150	3670	1870	484	906	1180
A.F.	298500	292700	192400	235900	478400	520100	457600	344600	210700	134900	121200	96240

Total acre-feet 3383240

DISCHARGE IN SECOND-FEET OF PLATTE RIVER AT ASHLAND
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6010	6860	6650	3860	5430	11500	21800	8490	10900	5400	1700	5740
2	5740	6900	6900	4020	6180	12000	20600	8260	9630	4450	1890	4420
3	5590	6940	7150	4040	6660	11200	18600	7980	7580	3870	2290	3380
4	6290	5970	7150	4060	7590	8830	16700	8120	6700	3750	2360	3030
5	11400	5930	7110	4030	8100	5860	13400	7360	5740	3050	2160	2800
6	9730	5860	7030	4030	8600	4020	11000	7110	5860	2980	2770	2620
7	9020	6290	7110	4030	9590	4150	11000	6530	5480	3430	2450	2570
8	8880	8160	6780	4020	10400	5780	10100	6940	5040	7760	3780	2340
9	8730	9370	6450	4000	11900	7760	11400	7580	5040	7070	2950	2270
10	8160	8350	6090	3940	14200	13900	10900	7410	5260	5590	4180	2230
11	7760	7940	6290	4000	16200	20200	11200	7540	4940	4760	3380	2180
12	7320	7720	5800	4100	19200	19800	11600	7320	4520	3630	2740	2010
13	6650	7070	5200	4370	20300	28400	12300	6170	4480	3380	2620	2080
14	6170	7280	4700	4640	24500	29300	11700	5930	3930	3690	3210	2160
15	6210	6900	4200	4880	24600	21800	10900	5660	3930	5860	3380	2100
16	5970	6820	3400	5290	22900	16600	10600	5780	3660	6130	2980	2120
17	6370	6740	2500	5680	20600	15700	9990	6250	3430	7190	3000	2040
18	6410	5080	1900	6050	19700	16900	9420	7190	3430	5820	2670	2120
19	6450	5260	1700	6460	17600	17400	9070	7760	3130	5150	2980	1950
20	610	5780	1520	6640	15200	17300	9680	7940	2800	4800	3130	2270
21	7580	5480	1600	7610	12500	16600	10800	7540	3130	4080	4830	2160
22	8680	6330	1900	7230	10900	16000	12800	7360	3950	3690	4830	2270
23	7240	6210	2440	6760	8880	12700	16000	13900	3690	3380	3900	2340
24	7110	6290	3000	6500	8490	10900	15500	17100	3210	2980	3320	2040
25	6740	6170	3300	6220	8490	9890	15200	14200	3050	2570	3520	2120
26	6530	5260	3500	6120	8730	12100	13700	12600	2980	2520	6140	2270
27	6700	5520	3700	5430	10700	16200	12200	12100	7500	2210	5520	2080
28	6650	6410	3900	5040	10300	19900	11200	11900	12000	1850	4350	2230
29	6940	7030	3950	4590	11000	20000	10100	12700	8880	1770	3690	2250
30	7150	6780	3870	4680	-----	23500	9370	12800	6090	1720	3930	1870
31	6900	-----	4000	5040	-----	25300	-----	12300	-----	1460	5260	-----
Mean	7216	6823	4540	5076	13080	15210	12630	8962	5332	4062	3416	2469
Max.	11400	9370	7150	7610	24600	29300	21800	17100	12000	7760	6140	5740
Min.	5590	5080	1520	3860	5430	4020	9070	5680	2800	1460	1700	1870
A.F.	443700	394100	279200	312100	752600	935200	751400	551000	317300	249800	210100	146900

Total acre-feet 5343400

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, 1951

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	650	410	370	360	250	190	180	220	920	1960	1320	3500	10330
Bayard Sugar Factory Drain	2810	2200	1860	1640	1470	1470	1490	990	2750	1670	2460	3980	24790
Cleveland Drain†	390	130	100	70	60	60	300	1020	1300	1220	830	790	6270
DeGraw Drain*	270	260	220	170	220	210	270	370	530	580	230	450	3780
Dugout Creek, Uppert†	700	440	350	250	160	130	90	1840	2720	910	1120	2450	11160
Fairfield Seep*	60	50	0	0	0	0	0	0	0	0	0	0	110
Fanning Seep*	220	150	100	60	90	100	80	60	80	120	120	200	1380
Gering Drain	3330	2590	2330	2140	1690	1720	1470	2190	3140	3600	4590	5140	33930
Horse Creek	4690	2770	2260	1580	1670	1310	1130	5280	11270	7960	6580	19350	65850
Indian Creek†	740	510	490	360	280	330	240	790	2410	450	1650	1730	9980
Lane Drain*	360	180	130	160	60	60	60	60	80	250	650	710	2760
Melbeta Drain†	240	180	180	180	170	160	190	170	990	770	400	910	4540
Nine Mile Drain	9880	7220	6640	5620	4590	4570	4350	6390	9760	9080	12730	13950	94780
Red Willow Drain	7010	5360	4590	4090	3440	3290	3250	4590	8310	7860	7150	17990	76930
Scottsbluff Drain No. 1*	760	650	680	660	500	450	420	500	600	720	970	860	7770
Scottsbluff Drain No. 2*	160	120	70	60	60	60	90	280	560	720	940	970	4090
Sheep Creek	7960	6630	6210	5660	4850	4940	4660	1330	3490	3190	530	5570	55020
Spotted Tail Creek, Dry	4410	3180	2460	2280	1780	1760	1970	2890	4120	3980	4930	6050	39810
Spotted Tail Creek, Wet*	1080	1040	980	850	750	790	680	800	760	800	840	950	10320
Tub Springs	4760	3480	2980	2480	2170	1910	1690	820	3830	2420	730	4690	31960
Winters Creek	5720	4200	3660	3570	3010	3040	2820	2270	4570	2380	3000	6670	44910
Totals	56200	41750	36660	32240	27270	26550	25430	32860	62190	50640	51770	96910	540470

*Estimated for entire year from measurements.

†Estimated October-April inclusive. One reading daily May-September.

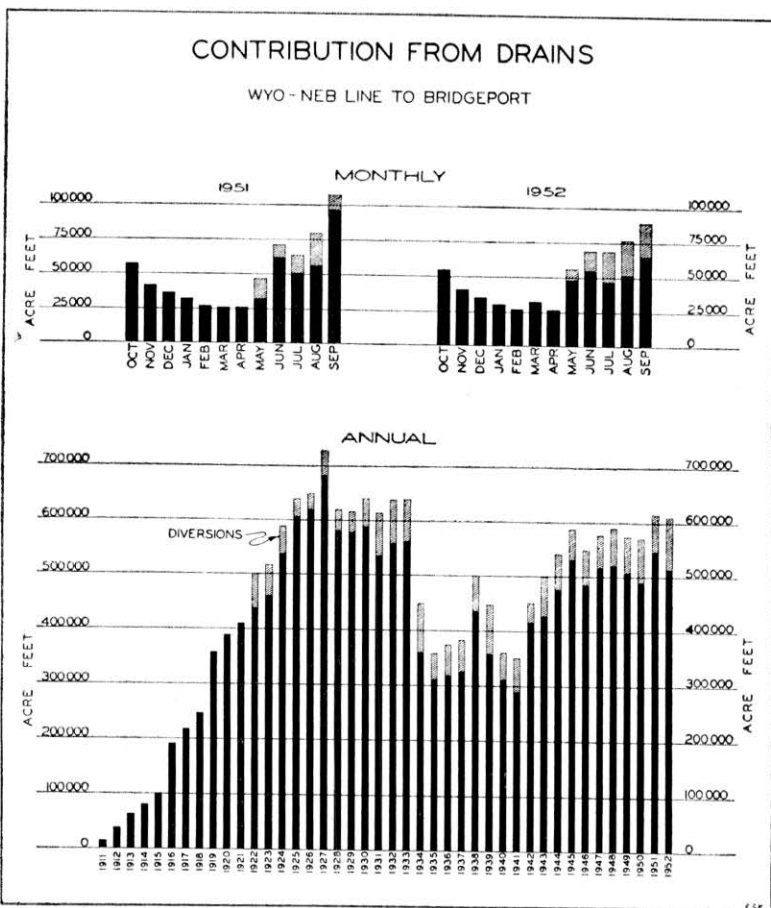
DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-Feet
For the Water Year Ending September 30, 1952

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	1120	470	370	340	360	350	210	1200	2470	670	610	1060	9230
Bayard Sugar Factory Drain	2850	2190	1840	1690	1440	1570	1360	740	1610	1130	2240	2810	21470
Cleveland Drain†	420	150	70	60	60	240	80	590	960	1150	490	860	5130
DeGraw Drain*	180	180	140	140	220	280	220	510	150	90	240	300	2650
Dugout Creek, Upper†	600	500	350	190	170	150	70	1940	690	840	1160	1480	8140
Fairfield Seep*	5	5	0	0	0	0	0	5	5	5	5	5	35
Fanning Seep*	250	170	80	90	120	100	150	130	150	90	130	180	1640
Gering Drain	2740	2360	2280	1870	1670	1870	1620	4000	4500	3840	4450	5480	36680
Horse Creek	5470	3150	2070	1810	2430	6640	3990	9730	11570	8320	7020	9450	71650
Indian Creek†	780	490	350	250	280	270	260	1320	1030	1360	1550	1930	9870
Lane Drain*	500	250	150	160	120	120	60	120	260	550	880	830	4000
Melbeta Drain†	180	180	140	180	120	160	120	570	740	700	380	1220	4690
Nine Mile Drain	9640	7540	6790	5760	4970	5060	4380	7790	10050	12480	13260	14050	101770
Red Willow Drain	7400	5220	4790	3850	3410	3610	2920	6170	4430	4040	5640	8710	60190
Scottsbluff Drain No. 1*	800	730	560	470	340	310	300	500	770	780	1050	1420	8030
Scottsbluff Drain No. 2*	220	80	50	0	0	40	60	350	980	640	680	550	3650
Sheep Creek	7990	6450	5940	5370	4920	4980	4410	4280	3170	460	580	960	49510
Spotted Tail Creek, Dry	3190	2250	2100	2070	1730	1790	1810	3270	4340	4700	5770	6080	39100
Spotted Tail Creek, Wet*	770	950	920	750	690	790	740	860	1000	860	1180	1220	10730
Tub Springs	4360	3380	2560	2130	1840	1930	1380	2200	2530	970	250	2160	25690
Winters Creek	5170	3820	3480	3220	2620	2680	2740	1760	3430	3230	3530	5050	40730
Totals	54635	40515	35030	30400	27510	32940	26880	48035	54835	46905	51095	65805	514585

*Estimated for entire year from measurements.

†Estimated October-April inclusive. One reading daily May-September.



DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet
For the Water Year Ending September 30, 1951

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:—								
Akers Draw.....	0	0	680	750	740	990	1230	4390
Sheep Creek.....	0	0	3350	2000	3620	7450	2690	19110
Dry Spotted Tail Creek.....	0	0	0	0	0	0	0	0
Wet Spotted Tail Creek.....	0	0	800	1050	1580	2260	2640	8310
Tub Springs.....	0	0	2790	1280	750	2450	1020	8290
Enterprise Canal from:—								
Stewart and Morrill Drains.....	80	0	80	170	160	220	310	1020
Wet Spotted Tail Creek.....	240	0	400	530	560	740	840	3310
Tub Springs.....	50	0	990	100	980	1840	170	4130
Winters Creek Canal from:—								
Winters Creek.....	0	0	3000	2030	3010	3840	1680	13560
Alliance Canal from:—								
Bayard Drain.....	0	190	970	740	690	680	190	3460
Red Willow Creek.....	150	0	1330	600	1690	3090	760	7620
Total	520	190	14390	9250	13760	23560	11530	73200

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet
For the Water Year Ending September 30, 1952

	Oct.	May	June	July	Aug.	Sept.	Total
Northport Canal from:—							
Akers Draw.....	0	730	830	1020	1240	1050	4870
Sheep Creek.....	0	860	2840	6840	8260	8360	27160
Dry Spotted Tail Creek.....	0	0	0	0	0	0	0
Wet Spotted Tail Creek.....	0	980	1200	1900	2600	2840	9520
Tub Springs.....	0	220	1240	2230	2910	2600	9200
Enterprise Canal from:—							
Stewart and Morrill Drains.....	0	130	260	400	370	450	1610
Wet Spotted Tail Creek.....	0	550	630	970	900	1010	4060
Tub Springs.....	0	450	680	1590	2280	1030	6030
Winters Creek Canal from:—							
Winters Creek.....	0	2600	3130	3290	3850	3510	16380
Alliance Canal from:—							
Bayard Drain.....	0	1250	1090	1100	530	710	4680
Red Willow Creek.....	190	1080	2700	3560	3390	2170	13090
Total	190	8850	14600	22900	26330	23730	96600

**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, 1951

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen.....	12390	0	0	0	0	0	52260	94200	120910	189360	219590	137300	826010
Whalen-State Line.....	0	0	0	0	0	0	0	12010	22760	31710	36900	17320	120700
State Line-Mitchell.....	750	0	0	0	0	0	0	38130	32500	56990	78730	43860	250960
Mitchell-Minatare.....	520	0	0	0	0	0	2010	9850	7060	12110	15730	6580	53860
Minatare-Bridgeport.....	280	0	0	0	0	0	2380	12070	10170	15120	20340	5560	65920
Bridgeport-Lisco.....	80	0	0	0	0	0	1390	3330	3830	4310	5780	1450	20170
Lisco-Oshkosh.....	0	0	0	0	0	0	0	310	610	170	2000	870	3960
Oshkosh-Keystone.....	4580	0	0	0	0	0	8320	6230	4400	5110	14140	6960	49740
Keystone-North Platte.....	8870	2430	0	0	0	0	1420	6010	2780	8280	26450	12560	68800
North Platte-Odesa.....	13170	0	0	0	0	0	10630	43410	51920	57390	129500	34210	340230
Total, Guernsey-Odesa.....	40640	2430	0	0	0	0	78410	225550	256940	380550	549160	266670	1800350

For the Water Year Ending September 30, 1952

Guernsey-Whalen.....	5110	0	0	0	0	0	47340	135000	177900	211650	225260	188260	990520
Whalen-State Line.....	0	0	0	0	0	0	0	19410	30810	35430	37720	24940	148310
State Line-Mitchell.....	0	0	0	0	0	0	0	52540	68810	87120	91370	71100	370940
Mitchell-Minatare.....	2230	0	0	0	0	0	0	8560	14430	16160	16040	12800	70220
Minatare-Bridgeport.....	1170	0	0	0	0	0	0	8720	20660	23160	21510	15540	90760
Bridgeport-Lisco.....	940	0	0	0	0	0	0	1310	8180	7040	8100	5170	30740
Lisco-Oshkosh.....	90	0	0	0	0	0	0	240	1660	1170	2080	930	6170
Oshkosh-Keystone.....	1630	60	0	0	0	0	2300	9860	17150	10340	10090	8840	60270
Keystone-North Platte.....	5950	350	0	0	0	0	0	5250	31260	35900	30460	24750	133920
North Platte-Odesa.....	11260	0	0	0	0	0	4810	33320	89000	141790	124010	78245	482435
Total, Guernsey-Odesa.....	28380	410	0	0	0	0	54450	274210	459860	569760	566640	430575	2384285

MONTHLY EVAPORATION IN FEET—1951

	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	†	0.475	0.518	0.727	0.713	†	†
*Whalen Dam.....	0.478	0.675	0.551	†	0.756	0.463	†
*Bridgeport.....	0.390	0.564	0.515	0.623	0.581	0.428	0.252
*Kingsley Dam.....	0.383	0.501	0.475	0.593	0.502	0.369	†
**North Platte.....	0.398	0.175	0.485	0.471	0.474	0.373	†

*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—1952

	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	†	0.493	0.699	0.804	0.708	0.528	0.350
*Whalen Dam.....	0.531	0.510	0.862	0.946	0.757	0.566	0.385
Bridgeport-Lisco.....	0.450	0.505	0.799	0.904	0.768	0.608	0.404
*Kingsley Dam.....	†	0.488	0.767	0.892	0.670	0.576	0.358
**North Platte.....	0.365	0.414	0.711	0.862	0.603	0.888	†

*United States Weather Bureau Class "A" Pan.

**Pan 6 feet in diameter; 24 inches deep; in ground 20 inches.

†No record reported.

REPORT OF THE STATE ENGINEER

PRECIPITATION AT VARIOUS POINTS

Data Compiled by Water Years from Records
of the United States Weather Bureau
Values in Inches

Month	Normal		1951		1952	
	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative
*MITCHELL STATION, SCOTTS BLUFF COUNTY—ELEVATION, 4080						
October	0.92	0.92	0.13	0.13	0.90	0.90
November	0.39	1.31	0.31	0.44	0.04	0.94
December	0.33	1.64	0.06	0.50	0.25	1.19
January	0.19	1.83	0.29	0.79	0.28	1.47
February	0.27	2.10	0.22	1.01	0.36	1.83
March	0.63	2.73	0.34	1.35	0.58	2.41
April	1.66	4.39	1.44	2.79	0.39	2.80
May	2.28	6.67	1.83	4.62	*2.63	5.43
June	2.69	9.36	**2.47	7.09	4.33	9.76
July	1.50	10.86	2.65	9.74	0.28	10.04
August	1.62	12.48	0.73	10.47	0.83	10.87
September	1.39	13.87	2.91	13.38	0.28	11.15

*39-year record.

*BRIDGEPORT STATION, MORRILL COUNTY—ELEVATION, 3666

October	0.95	0.95	0.14	0.14	1.28	1.28
November	0.45	1.40	0.44	0.58	0.10	1.38
December	0.50	1.90	0.00	0.58	0.50	1.88
January	0.39	2.29	0.14	0.72	0.12	2.00
February	0.44	2.73	0.17	0.89	0.40	2.40
March	0.83	3.56	0.14	1.03	0.72	3.12
April	2.02	5.58	1.60	2.63	1.16	4.28
May	2.74	8.32	1.59	4.22	3.27	7.55
June	2.72	11.04	5.19	9.41	1.16	8.71
July	2.03	13.07	3.21	12.62	0.33	9.04
August	1.61	14.68	0.99	13.61	1.21	10.25
January	1.33	16.01	3.02	16.63	0.81	11.06

*54-year record

*OSHKOSH STATION, GARDEN COUNTY—ELEVATION, 3393

October	1.06	1.06	0.38	0.38	1.75	1.75
November	0.60	1.66	0.55	0.93	0.21	1.96
December	0.54	2.20	0.24	1.17	0.88	2.84
January	0.36	2.56	0.27	1.44	0.14	2.98
February	0.48	3.04	0.10	1.54	1.00	3.98
March	0.89	3.93	0.12	1.66	0.87	4.85
April	2.22	6.15	1.38	3.04	2.26	7.11
May	2.76	8.91	2.06	5.10	3.75	10.86
June	2.79	11.70	4.36	9.46	1.59	12.45
July	2.31	14.01	2.99	12.45	0.44	12.89
August	2.08	16.09	0.85	13.30	1.12	14.01
September	1.48	17.57	4.48	17.78	1.61	15.62

*39-year record

*NORTH PLATTE STATION, LINCOLN COUNTY—Elevation, 2805

October	1.07	1.07	0.17	0.17	1.02	1.02
November	0.47	1.54	0.62	0.79	0.32	1.34
December	0.53	2.07	0.19	0.98	0.62	1.96
January	0.39	2.46	0.20	1.18	0.74	2.70
February	0.53	2.99	1.41	2.59	0.80	3.50
March	0.86	3.85	0.23	2.82	0.98	4.48
April	2.06	5.91	2.50	5.32	1.64	6.12
May	2.78	8.69	6.39	11.71	2.80	8.92
June	3.22	11.91	8.37	20.08	0.50	9.42
July	2.74	14.65	4.73	24.81	1.84	11.26
August	2.39	17.04	2.10	26.91	2.97	14.23
September	1.35	18.39	1.96	28.87	0.16	14.39

*77-year record

**Used normal in absence of actual precipitation.

BUREAU OF IRRIGATION

461

PRECIPITATION AT VARIOUS POINTS—Continued

Month	Normal		1951		1952	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*LEXINGTON STATION, DAWSON COUNTY—ELEVATION, 2385						
October.....	1.49	1.49	†		1.37	1.37
November.....	0.70	2.19	†		0.36	1.73
December.....	0.66	2.85	†		0.17	1.90
January.....	0.51	3.36	†		0.27	2.17
February.....	0.75	4.11	†		1.26	3.43
March.....	1.11	5.22	†		0.77	4.20
April.....	2.44	7.66	†		1.75	5.95
May.....	3.23	10.89	†		2.76	8.71
June.....	3.74	14.63	5.11		1.84	10.55
July.....	2.99	17.62	4.00		3.80	14.35
August.....	2.70	20.32	4.00		2.87	17.22
September.....	1.98	22.30	3.11		0.48	17.70

*61-year record

*GRAND ISLAND STATION, HALL COUNTY—ELEVATION, 1860						
October.....	1.84	1.84	1.07	1.07	1.54	1.54
November.....	0.96	2.80	0.47	1.54	0.26	1.80
December.....	0.72	3.52	0.09	1.63	0.46	2.26
January.....	0.57	4.09	0.53	2.16	0.18	2.44
February.....	0.74	4.83	1.50	3.66	0.87	3.31
March.....	1.24	6.07	1.79	5.45	1.26	4.57
April.....	2.65	8.72	3.70	9.15	4.09	8.66
May.....	4.04	12.76	7.65	16.80	4.27	12.93
June.....	4.12	16.88	2.28	19.08	1.93	14.86
July.....	3.08	19.96	1.96	21.04	5.08	19.94
August.....	3.68	23.64	3.39	24.43	1.45	21.39
September.....	2.64	26.28	2.30	26.73	0.33	21.72

*60-year record

*SIDNEY STATION, CHEYENNE COUNTY—ELEVATION, 4085						
October.....	0.96	0.96	0.45	0.45	2.07	2.07
November.....	0.51	1.47	0.51	0.96	0.06	2.13
December.....	0.45	1.92	0.19	1.15	0.61	2.74
January.....	0.32	2.24	0.16	1.31	0.00	2.74
February.....	0.39	2.63	0.12	1.43	0.36	3.10
March.....	0.84	3.47	0.11	1.54	0.56	3.66
April.....	2.23	5.70	1.50	3.04	2.00	5.66
May.....	2.75	8.45	1.45	4.49	5.55	11.21
June.....	2.82	11.27	4.52	9.01	2.57	13.78
July.....	1.79	13.06	2.46	11.47	0.65	14.43
August.....	1.85	14.91	1.55	13.02	2.08	16.51
September.....	1.30	16.21	2.41	15.43	0.79	17.30

*24-year record

*ORD STATION, VALLEY COUNTY—ELEVATION, 2062						
October.....	1.55	1.55	1.63	1.63	1.22	1.22
November.....	0.74	2.29	0.51	2.14	0.48	1.70
December.....	0.67	2.96	0.35	2.49	1.19	2.89
January.....	0.46	3.42	0.26	2.75	0.53	3.42
February.....	0.61	4.03	0.51	3.26	0.95	4.37
March.....	1.05	5.08	1.65	4.61	1.13	5.50
April.....	2.53	7.61	3.26	7.87	**2.67	8.17
May.....	3.40	11.01	4.82	12.69	4.11	12.28
June.....	4.14	15.15	3.14	15.83	2.12	14.40
July.....	3.06	18.21	3.40	19.23	1.40	15.80
August.....	2.55	20.76	5.01	24.24	4.03	19.83
September.....	2.38	23.14	3.34	27.58	0.23	20.06

*61-year record

†No record

**Used normal in absence of actual precipitation.

PRECIPITATION AT VARIOUS POINTS—Continued

Month	Normal		1951		1952	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*FORT ROBINSON STATION, DAWES COUNTY—ELEVATION, 3807						
October.....	1.29	1.29	0.18	0.18	1.19	1.19
November.....	0.53	1.82	0.63	0.81	0.14	1.33
December.....	0.62	2.44	0.04	0.85	0.88	2.21
January.....	0.57	3.01	0.24	1.09	0.00	2.21
February.....	0.63	3.64	0.09	1.18	0.78	2.99
March.....	1.11	4.75	0.67	1.85	0.92	3.91
April.....	2.07	6.82	1.25	3.10	0.67	4.58
May.....	2.87	9.69	2.42	5.52	3.62	8.20
June.....	2.83	12.52	3.75	9.27	1.87	10.07
July.....	2.06	14.58	4.79	14.06	0.47	10.54
August.....	1.59	16.17	1.05	15.11	1.73	12.27
September.....	1.32	17.49	2.84	17.95	0.25	12.52

*68-year record

***CULBERTSON STATION, HITCHCOCK COUNTY—ELEVATION, 2565**

October.....	1.15	1.15	0.31	0.31	0.93	0.93
November.....	0.62	1.77	0.51	0.82	0.32	1.25
December.....	0.58	2.35	0.12	0.94	0.22	1.47
January.....	0.41	2.76	0.12	1.06	0.20	1.67
February.....	0.54	3.30	0.22	1.28	1.44	3.11
March.....	1.04	4.34	0.17	1.45	1.50	4.61
April.....	2.19	6.53	1.56	3.01	2.47	7.08
May.....	2.94	9.47	3.40	6.41	2.42	9.50
June.....	3.44	12.91	3.36	9.77	0.31	9.81
July.....	2.85	15.76	5.63	15.40	4.40	14.21
August.....	2.58	18.34	4.63	20.03	3.20	17.41
September.....	1.61	19.95	3.27	23.30	0.13	17.54

*64-year record

***GENOA STATION, NANCE COUNTY—ELEVATION, 1584**

October.....	1.59	1.59	1.07	1.07	1.81	1.81
November.....	0.89	2.48	0.82	1.89	0.45	2.26
December.....	0.82	3.30	0.10	1.79	0.92	3.18
January.....	0.64	3.94	0.79	2.58	**0.52	3.70
February.....	0.76	4.70	1.66	4.24	1.05	4.75
March.....	1.15	5.85	1.91	6.15	**1.13	5.88
April.....	2.59	8.44	3.76	9.91	3.21	9.09
May.....	3.94	12.38	4.39	14.30	4.22	13.31
June.....	4.49	16.87	4.09	18.39	2.32	15.63
July.....	3.43	20.30	2.17	20.56	4.62	20.25
August.....	2.83	23.13	6.43	26.99	6.70	26.95
September.....	2.95	26.08	1.83	28.82	0.80	27.75

*76-year record

***HOLDREGE STATION, PHELPS COUNTY—ELEVATION, 2335**

October.....	1.46	1.46	0.50	0.50	1.58	1.58
November.....	0.83	2.29	0.42	0.92	0.14	1.72
December.....	0.64	2.93	0.28	1.18	0.42	2.14
January.....	0.47	3.40	0.40	1.58	0.16	2.30
February.....	0.70	4.10	0.97	2.55	1.02	3.32
March.....	1.10	5.20	1.28	3.83	1.13	4.45
April.....	2.71	7.91	3.25	7.08	4.17	8.62
May.....	3.63	11.54	4.29	11.37	6.49	15.11
June.....	3.95	15.49	4.30	15.67	1.06	16.17
July.....	2.92	18.41	3.97	19.64	3.33	19.50
August.....	2.63	21.04	2.50	22.14	1.87	21.37
September.....	2.16	23.20	3.70	25.84	0.64	22.01

*62-year record

**Used normal in absence of actual precipitation

DAILY DISCHARGES
OF
RIVERS AND STREAMS
EXCLUSIVE OF PLATTE RIVERS

THIS PAGE INTENTIONALLY LEFT BLANK

BUREAU OF IRRIGATION

465

DISCHARGE IN SECOND-FEET OF ARIKAREE RIVER AT HAIGLER
 Sec. 28-1-41 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	16	12	9	2	26	17	13	47	52	1	2
2	16	19	15	11	2	29	14	15	41	43	4	258
3	20	19	7	5	3	27	18	16	24	34	60	429
4	22	24	4	8	4	25	19	19	23	34	25	613
5	23	20	7	8	7	28	37	18	19	34	13	52
6	18	17	1	10	13	20	58	28	27	25	8	70
7	19	18	2	10	23	15	38	35	86	18	9	1340
8	19	22	1	8	20	12	29	35	81	17	16	60
9	18	22	1	7	18	12	27	35	424	15	8	41
10	20	20	1	7	12	16	43	35	423	19	27	31
11	18	17	5	8	8	17	45	38	707	45	35	26
12	17	16	16	8	5	12	28	35	136	56	9	19
13	15	30	17	9	2	12	27	50	115	48	4	17
14	15	26	25	11	2	31	23	95	98	27	3	16
15	18	28	21	11	3	18	19	519	85	23	25	15
16	18	19	20	11	6	15	20	70	68	22	10	14
17	19	20	20	14	16	14	22	54	50	20	2	11
18	19	22	22	16	38	9	19	72	34	29	1	9
19	16	18	17	14	60	14	17	75	29	29	1	9
20	16	16	15	13	52	14	19	52	27	22	7	8
21	15	16	19	12	72	15	28	64	27	16	10	11
22	15	14	14	13	54	15	28	140	904	37	11	23
23	12	9	15	15	38	15	27	70	488	38	12	20
24	12	8	17	18	40	15	24	52	185	51	7	19
25	17	9	18	18	38	15	25	41	112	54	8	20
26	24	14	13	16	32	15	24	32	109	19	10	20
27	24	17	7	5	28	16	183	27	95	10	6	18
28	22	13	8	4	23	12	34	22	72	5	7	18
29	14	11	12	3	2	8	26	17	52	2	6	14
30	17	12	15	2	...	12	17	20	64	1	4	12
31	15	12	12	2	...	17	16	16	1	1	6	108
Mean	18	18	12	10	22	17	32	58	155	27	11	1340
Max.	24	30	25	18	72	31	183	519	904	56	60	1340
Min.	12	8	1	2	2	8	14	13	19	1	1	2
A.F.	1080	1050	753	602	1230	1030	1890	3590	9230	1680	702	6440

Total acre-feet 29280

DISCHARGE IN SECOND-FEET OF BAYARD SUGAR FACTORY DRAIN
 NEAR BAYARD
 Sec. 5-20-52 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	37	33	29	26	25	24	10	28	51	26	52
2	73	38	32	28	25	25	24	6	26	39	28	56
3	69	39	32	28	26	24	24	8	24	36	28	234
4	67	39	32	28	24	25	24	6	24	33	32	119
5	66	39	30	27	25	25	26	7	32	30	39	91
6	62	40	30	26	25	25	26	10	27	30	38	84
7	50	41	29	26	25	25	26	13	26	28	39	84
8	43	42	30	26	26	24	26	6	22	40	41	81
9	44	39	29	26	26	26	26	3	36	34	41	78
10	41	39	29	25	27	26	26	3	74	24	47	69
11	41	39	30	26	27	26	24	3	54	22	49	65
12	42	39	30	26	26	26	22	3	41	33	52	69
13	42	38	30	26	26	25	22	3	33	26	56	65
14	42	38	30	26	28	25	24	3	30	18	55	62
15	42	38	30	26	28	24	24	3	28	14	47	65
16	41	36	31	26	28	24	23	4	21	16	47	74
17	42	36	32	26	28	24	24	54	39	35	44	63
18	42	37	32	26	28	23	23	36	44	39	45	53
19	42	37	32	27	28	23	25	22	127	37	45	45
20	42	36	32	27	28	23	25	22	74	19	37	42
21	42	37	32	28	28	24	62	24	52	17	32	43
22	41	35	31	28	27	22	44	24	50	17	34	47
23	41	34	30	28	27	22	34	28	81	19	36	50
24	40	34	30	28	27	22	26	34	56	30	38	53
25	39	34	30	28	26	22	22	31	81	30	39	43
26	39	34	28	28	26	22	12	32	92	22	39	39
27	38	33	28	26	26	22	7	23	45	14	39	41
28	37	33	28	24	25	22	8	17	42	17	36	43
29	36	33	28	26	...	22	8	17	39	21	34	44
30	36	33	29	26	...	22	10	19	36	26	38	52
31	37	29	26	...	...	24	...	21	24	24	38	...
Mean	46	37	30	27	26	24	25	16	46	27	40	67
Max.	73	42	33	29	28	26	62	54	127	51	56	234
Min.	36	33	28	24	24	22	7	3	21	14	28	39
A.F.	2810	2200	1860	1640	1470	1470	1490	986	2750	1670	2460	3980

Total acre-feet 24790

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF BEAR CREEK NEAR ELI
Sec. 25-34-36 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	5	8	5	7	9	25	21	20	20	13	9
2	2	5	8	5	7	6	23	12	21	18	11	10
3	2	5	7	5	7	6	18	10	26	17	8	11
4	2	5	7	5	7	4	18	11	27	16	7	13
5	2	5	7	5	7	7	18	12	29	16	6	15
6	3	5	7	5	7	6	17	12	26	13	4	18
7	3	5	7	5	7	6	17	11	39	12	4	18
8	3	5	7	5	7	6	17	10	39	12	4	16
9	3	2	7	5	7	6	16	10	37	13	5	14
10	3	3	7	4	7	6	16	9	35	11	6	13
11	3	3	7	5	7	6	10	10	26	14	7	13
12	3	3	7	10	7	6	1	8	22	17	7	12
13	3	6	7	8	7	6	15	7	18	21	8	12
14	3	8	7	7	7	6	16	6	15	19	10	10
15	3	8	7	7	7	6	16	5	14	18	14	9
16	3	7	8	8	8	6	17	7	12	17	15	8
17	4	8	8	7	6	6	14	8	14	15	15	8
18	4	8	8	6	6	8	14	20	15	14	13	8
19	4	8	7	6	6	7	13	56	12	12	11	8
20	4	8	8	5	6	8	14	125	11	11	8	7
21	4	9	9	4	3	8	8	14	108	10	10	6
22	4	9	9	4	4	8	16	86	11	10	12	7
23	4	4	4	5	5	9	17	72	24	11	11	8
24	4	4	8	8	5	4	10	17	60	29	12	11
25	4	4	8	8	8	4	11	18	51	31	10	10
26	4	4	8	8	7	3	22	29	39	33	9	8
27	4	4	8	7	4	5	30	29	27	31	15	7
28	5	7	8	7	4	5	32	25	24	16	7	8
29	5	8	6	7	7	7	33	26	20	25	22	7
30	5	8	5	7	7	7	33	24	18	18	23	8
31	5	8	8	7	7	7	28	17	17	20	8	7
Mean	3	6	7	6	6	11	18	29	23	15	9	10
Max.	5	9	9	14	8	33	29	125	39	23	15	18
Min.	2	2	5	4	3	39	1	5	10	9	4	6
A.F.	212	350	459	385	330	697	1080	1770	1380	905	553	614

Total acre-feet 8720

DISCHARGE IN SECOND-FEET OF BEAVER CREEK AT LORETTO
Sec. 26-21-7 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	61	58	54	45	38	132	121	192	148	54	46	85
2	146	58	56	42	38	112	111	190	160	54	49	82
3	180	64	52	48	39	99	104	179	192	235	51	79
4	162	65	68	41	41	94	99	150	208	90	52	86
5	132	64	65	43	41	124	101	132	189	77	48	153
6	118	62	54	47	42	217	123	112	171	70	44	196
7	104	60	60	42	34	128	158	99	150	67	42	176
8	94	60	70	47	31	127	149	91	135	63	42	146
9	87	56	72	49	41	93	132	85	121	58	350	130
10	82	55	71	52	47	107	121	83	118	56	70	123
11	78	60	71	54	49	86	111	80	183	72	90	120
12	75	64	73	58	55	78	102	75	96	87	180	408
13	72	62	70	63	42	103	102	72	85	81	150	182
14	69	63	67	61	50	96	102	78	78	74	144	167
15	66	64	62	62	53	96	96	97	79	66	256	132
16	66	64	59	62	48	120	90	126	72	60	146	109
17	64	64	60	65	55	230	87	207	70	57	126	92
18	66	64	57	63	62	138	85	275	70	974	121	83
19	64	64	56	56	68	117	82	401	70	139	112	78
20	60	41	52	60	74	116	86	485	63	79	541	72
21	60	48	56	45	88	111	185	476	62	68	328	70
22	60	50	57	46	88	157	269	409	60	95	335	70
23	60	52	57	42	84	610	213	295	58	110	293	69
24	61	59	56	37	95	496	166	196	62	77	217	72
25	60	67	53	35	108	444	171	147	59	64	180	75
26	60	61	53	36	108	397	180	130	58	57	153	73
27	62	58	49	35	98	364	332	112	58	54	135	68
28	60	56	49	32	114	336	318	99	54	50	123	66
29	59	55	49	37	-----	245	295	83	53	50	112	64
30	58	54	47	37	-----	172	245	90	54	49	102	63
31	58	44	44	38	-----	136	-----	143	47	47	93	-----
Mean	81	59	59	48	62	188	151	174	101	104	152	113
Max.	180	67	73	65	114	610	332	485	208	974	541	408
Min.	58	41	44	32	31	78	82	72	53	47	42	63
A.F.	4970	3510	3610	2940	3430	11590	9000	10710	6020	6410	9340	6720

Total acre-feet 78250

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR GENOA
Sec. 14-17-4 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	83	88	95	97	74	222	247	431	346	122	91	157
2	126	86	102	88	78	177	213	384	409	109	89	146
3	130	80	57	86	80	188	196	282	314	114	88	136
4	179	89	99	86	83	165	181	273	226	199	91	132
5	210	90	68	92	80	194	182	238	245	279	91	212
6	196	94	57	73	72	247	189	213	253	157	91	443
7	186	93	96	79	70	406	189	191	235	136	84	314
8	144	93	75	88	42	244	215	168	220	124	75	247
9	141	91	92	94	74	188	238	153	188	114	103	215
10	123	96	86	106	85	166	211	146	302	114	721	176
11	120	86	87	101	78	150	188	138	409	122	134	158
12	110	75	96	102	76	155	173	134	222	179	146	424
13	109	83	93	100	77	160	160	129	193	220	404	863
14	107	98	91	98	71	160	153	122	149	169	362	542
15	103	94	96	103	86	299	147	126	163	142	272	260
16	103	93	87	98	82	328	142	132	136	122	754	213
17	99	86	101	98	81	300	138	169	129	111	382	173
18	99	98	104	111	85	200	134	238	268	134	236	150
19	98	94	103	107	84	200	129	352	150	403	206	146
20	98	90	94	78	84	200	135	410	116	697	892	132
21	95	79	101	55	90	200	147	503	104	213	1110	129
22	94	86	103	99	92	370	166	550	102	134	1050	123
23	94	80	104	93	92	1160	301	506	102	117	469	118
24	93	73	103	99	104	1480	338	423	230	152	446	120
25	94	109	101	104	156	1320	273	322	165	160	404	128
26	94	101	72	94	142	963	236	249	160	123	328	123
27	99	91	59	72	142	619	717	215	155	111	251	132
28	93	108	84	59	191	619	823	193	117	104	251	123
29	91	102	83	75	---	575	475	171	113	102	206	113
30	90	101	85	62	---	368	421	166	94	96	186	116
31	89	91	70	70	---	296	---	242	---	85	171	---
Mean	115	91	89	89	91	397	249	257	200	167	328	215
Max.	210	109	104	111	191	1480	823	550	409	697	1110	863
Min.	83	73	57	55	42	150	129	122	94	95	75	113
A.F.	7080	5430	5490	5490	5060	24430	14790	15810	11930	10260	20160	12800

Total acre-feet 138730

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR BEAVER CITY
Sec. 23-2-23 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	11	5	4	7	4	22	12	13	43	549	190	68	
2	11	5	4	7	4	21	11	13	36	305	150	190	
3	22	6	5	6	5	18	11	13	31	192	130	98	
4	23	6	5	6	6	15	11	13	27	157	114	166	
5	18	5	3	6	6	14	12	13	25	136	102	218	
6	11	6	2	6	6	13	13	13	24	120	94	314	
7	11	5	2	6	6	13	14	12	23	108	102	1091	
8	9	6	2	6	7	10	12	12	653	101	82	2220	
9	9	6	2	6	8	8	12	13	418	90	74	1680	
10	7	6	3	6	8	6	12	13	127	93	70	1760	
11	8	4	4	7	9	6	13	13	91	221	194	1780	
12	7	6	5	7	10	6	13	13	75	440	250	1100	
13	7	7	6	7	11	6	13	12	68	482	306	726	
14	7	6	6	7	12	5	13	12	46	512	399	314	
15	7	6	6	7	15	5	14	14	27	587	468	226	
16	7	5	6	9	18	6	12	14	123	665	424	226	
17	7	5	6	9	20	6	13	14	240	2050	202	198	
18	7	6	6	8	18	7	13	12	262	1510	210	166	
19	7	6	6	8	18	8	13	12	277	1080	194	150	
20	6	6	7	7	8	17	9	13	52	280	802	146	138
21	6	6	6	7	8	16	10	14	447	289	563	110	126
22	6	7	7	6	16	12	14	14	182	298	352	92	118
23	6	6	7	7	12	13	14	14	164	292	356	92	114
24	6	6	7	7	14	14	14	14	152	348	383	85	102
25	6	6	5	7	17	12	14	14	229	342	386	74	97
26	6	4	4	7	18	12	14	14	232	346	198	67	93
27	7	3	5	7	16	12	15	15	154	356	216	71	89
28	6	3	4	4	6	24	13	14	80	368	275	250	85
29	6	4	4	5	5	---	13	14	63	412	347	242	81
30	6	4	4	5	4	---	12	13	57	498	388	106	81
31	6	6	4	4	---	---	12	13	50	498	388	106	78
Mean	9	5	5	7	12	11	13	68	215	450	167	460	
Max.	23	7	7	9	24	22	15	447	653	2050	468	2220	
Min.	6	3	2	4	4	5	11	12	23	90	67	68	
A.F.	534	319	307	407	678	672	774	4180	12780	27700	10250	27400	

Total acre-feet 86000

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF BIRDWOOD CREEK NEAR HERSHEY
Sec. 2-14-33 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	136	154	169	169	140	162	171	166	164	198	122	156
2	145	151	169	166	140	174	164	160	160	209	124	156
3	136	145	162	166	146	158	171	160	138	204	122	162
4	143	149	162	162	154	160	186	158	154	188	129	169
5	136	149	158	158	169	171	181	162	162	178	136	169
6	134	147	158	166	178	171	186	156	158	171	136	156
7	136	149	160	166	171	176	176	156	196	166	147	147
8	130	154	165	174	175	170	169	154	225	154	158	147
9	130	139	165	169	187	164	160	154	188	149	147	149
10	134	147	165	171	193	158	160	151	209	166	143	141
11	136	156	175	169	191	168	158	154	181	160	141	139
12	139	160	181	164	176	162	145	160	204	171	143	169
13	141	169	178	164	154	171	138	198	171	162	143	154
14	139	169	174	160	166	178	149	302	166	160	143	149
15	149	171	174	162	169	163	149	290	162	143	151	149
16	145	166	174	164	169	196	143	242	162	149	139	147
17	145	171	169	158	174	186	147	280	193	147	134	145
18	143	169	171	160	174	169	158	268	209	222	132	147
19	151	174	171	164	178	156	178	206	176	174	136	147
20	160	176	171	166	171	158	188	206	169	160	136	147
21	164	176	178	162	171	164	171	217	221	162	132	147
22	156	176	181	164	169	186	162	186	268	154	132	145
23	160	171	178	164	160	188	160	191	181	149	134	149
24	169	176	169	156	174	176	164	186	162	147	181	145
25	169	196	171	156	181	174	169	174	156	141	164	145
26	166	171	169	160	164	174	174	160	162	127	158	154
27	176	169	169	140	169	181	188	154	160	120	164	147
28	160	164	164	130	169	156	186	154	166	204	158	147
29	154	166	166	130	.....	154	186	154	171	176	143	147
30	130	162	169	169	140	.....	156	178	147	174	149	141
31	151	171	140	.....	.....	162	.....	171	.....	124	134	.....
Mean	148	163	170	159	169	170	167	186	180	164	142	151
Max.	176	196	181	174	193	196	188	302	268	222	181	169
Min.	130	139	158	130	140	154	138	147	138	120	122	139
A.F.	9110	9720	10430	9800	9390	10440	9950	11440	10690	10080	8730	8970

Total acre-feet 118750

DISCHARGE IN SECOND-FEET OF BLACKWOOD CREEK NEAR CULBERTSON
Sec. 10-3-31 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	4	18	1	1	1	1	1	0	3	90	0	2	1
2	3	13	1	1	1	1	1	0	1	38	4	0	187
3	4	4	1	1	1	1	1	0	0	34	9	2	25
4	2	1	1	0	1	1	1	0	1	18	2	1	153
5	3	1	1	0	1	1	1	2	13	4	2	14	5
6	1	1	0	0	1	1	1	3	1	7	4	1	59
7	0	1	0	0	1	0	0	4	0	1	0	0	150
8	0	1	1	0	1	1	1	2	1	112	1	0	8
9	2	1	1	1	1	0	2	2	195	3	0	2	4
10	0	1	1	1	1	1	1	1	79	64	2	2	2
11	0	1	1	1	1	0	1	2	76	19	2	2	1
12	0	1	1	1	1	1	2	0	57	21	1	2	1
13	1	1	1	1	0	0	1	1	14	20	47	8	6
14	0	1	1	0	1	1	1	1	52	12	17	3	3
15	0	1	1	1	1	1	1	0	281	2	11	6	1
16	1	1	1	1	1	1	1	456	0	12	11	3	1
17	2	1	1	1	1	1	1	27	72	39	4	3	2
18	2	1	1	1	1	1	0	13	714	651	3	2	1
19	3	1	1	1	1	1	0	2	8	70	34	3	1
20	3	1	1	0	1	0	0	12	6	12	10	4	1
21	3	1	1	0	0	0	8	402	6	14	6	1	1
22	4	1	1	0	1	0	9	50	26	221	7	1	1
23	4	1	1	0	1	0	11	22	117	33	4	1	1
24	3	1	1	0	1	0	9	4	107	9	5	1	1
25	1	1	1	0	1	1	10	2	24	16	3	1	1
26	2	1	1	0	0	1	0	4	9	10	4	1	1
27	7	1	1	0	1	0	59	5	4	8	1	1	1
28	7	1	1	0	4	0	25	2	2	12	2	1	1
29	6	1	1	0	0	0	3	9	1	9	1	2	1
30	10	1	1	0	0	0	4	39	1	7	1	1	1
31	13	1	1	0	0	0	0	53	6	6	3	3	1
Mean	3	2	1	0	1	0	6	47	64	40	5	22	1
Max.	13	18	1	1	4	1	59	456	714	651	47	187	1
Min.	0	1	0	0	0	0	0	0	0	0	0	1	1
A.F.	181	114	40	31	45	33	342	2870	3780	2490	283	1280	1

Total acre-feet 11490

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF BLUE RIVER, BIG, AT BARNSTON
Sec. 13-1-7 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1330	308	285	228	182	1130	629	15200	738	3210	455	970
2	18600	308	309	187	198	2370	562	7910	11600	2680	428	2160
3	19800	293	256	222	274	3740	500	2180	20100	2020	479	2040
4	4800	316	239	166	213	2460	463	1100	22700	1670	428	3720
5	1890	283	268	198	181	1320	467	842	24000	1370	410	3680
6	2220	257	194	246	180	1030	464	565	19400	10200	408	3590
7	4900	303	160	166	246	856	446	616	19900	17400	410	2390
8	2520	327	204	168	188	692	504	596	12500	5750	413	1760
9	1260	312	230	186	211	544	574	596	5710	1530	760	1560
10	930	306	232	214	235	565	523	624	3210	1740	1210	1320
11	797	314	277	188	182	462	483	638	3820	13700	1830	1260
12	657	308	260	218	231	408	446	521	4990	18200	3170	5310
13	617	300	237	202	227	333	428	448	2800	15100	2830	10200
14	484	304	272	197	186	359	434	519	8310	6330	6560	7650
15	470	305	281	197	200	398	376	573	19000	3980	13100	4000
16	466	275	260	246	292	480	422	648	12000	2470	9250	3070
17	374	306	228	243	258	446	288	998	3350	1990	5590	2210
18	371	296	247	237	224	442	272	923	2400	8130	3460	1600
19	298	272	186	261	236	480	364	1500	6100	2440	2630	1090
20	448	299	202	248	228	543	310	1130	6850	1360	2900	884
21	301	184	166	251	251	563	378	1010	10100	1010	3320	748
22	342	324	206	201	342	549	1440	2160	12900	1360	1760	641
23	315	272	273	214	302	804	976	994	14100	998	1370	587
24	356	290	208	284	337	819	614	696	10100	699	4360	548
25	306	312	214	263	506	923	630	1130	4400	554	4830	560
26	274	204	180	246	1770	1170	5400	2040	15900	518	2620	587
27	262	210	181	207	1640	1180	5910	1080	17600	515	1460	530
28	300	274	176	184	1060	1230	3770	1070	11200	518	1260	500
29	309	284	178	182	-----	2380	1390	970	4740	440	1140	485
30	324	284	204	172	-----	1170	2930	954	3390	410	822	461
31	295	-----	248	193	-----	755	-----	811	-----	419	842	-----
Mean	2149	292	228	211	378	987	1202	1647	10460	4152	2600	2204
Max.	19800	327	309	284	1770	3740	5910	15200	24000	18200	13100	10200
Min.	262	204	160	186	180	333	272	448	738	410	408	461
A. F.	132100	17350	14040	12990	20990	60700	71530	101200	622600	255300	159700	131100

Total acre-feet 1599600

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, AT ANGUS
Sec. 35-4-6 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	296	90	84	83	63	356	93	201	1800	506	109	101
2	1590	93	84	83	67	217	92	165	7630	354	107	123
3	854	94	84	82	65	188	90	137	2130	284	109	103
4	977	91	86	80	69	166	89	124	613	231	110	708
5	500	91	84	76	72	118	87	115	318	207	142	966
6	286	91	78	76	70	110	90	108	247	188	117	543
7	194	90	76	68	66	102	90	102	720	174	100	326
8	169	93	76	83	67	97	87	99	495	167	93	236
9	149	93	77	88	73	99	86	97	356	154	90	217
10	137	91	76	89	75	91	87	126	247	1910	88	354
11	128	94	83	92	80	91	86	99	169	4490	89	170
12	122	92	81	84	89	90	86	95	142	6120	112	345
13	117	92	82	84	89	90	84	93	474	4660	97	222
14	114	93	84	84	86	90	84	102	823	2720	113	153
15	111	93	83	84	87	98	82	100	810	1850	146	142
16	108	93	82	84	88	94	81	97	679	743	139	126
17	107	91	82	83	89	96	80	118	280	350	125	115
18	104	91	82	83	91	91	80	119	1370	293	105	110
19	100	90	82	83	91	85	80	330	862	252	104	110
20	100	90	82	82	90	85	91	256	352	214	103	105
21	100	90	82	77	90	87	133	264	243	186	103	102
22	98	83	82	83	90	90	207	414	1060	401	98	100
23	99	87	82	110	90	90	174	264	820	222	97	99
24	97	86	82	84	89	87	187	198	577	166	174	98
25	94	85	82	83	95	87	267	153	317	151	105	98
26	94	85	82	84	100	87	118	196	10800	145	99	96
27	94	88	82	83	98	90	114	214	14800	133	222	95
28	93	90	80	76	464	100	112	139	7440	126	157	93
29	92	86	82	75	-----	101	111	130	3040	126	128	92
30	92	84	82	72	-----	96	158	126	996	121	115	91
31	91	-----	82	72	-----	95	-----	115	-----	115	103	-----
Mean	236	90	82	82	96	112	110	158	2020	895	116	211
A.F.	14490	5360	5010	5050	5320	6870	6580	9720	120200	55080	7140	12550
Max.	1590	94	86	110	464	356	267	414	14800	6120	222	966

Total acre-feet 253330

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR ENDICOTT
Sec. 6-1-3 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	847	226	195	224	130	1270	230	797	303	2410	344	489
2	5340	222	195	175	130	1210	215	961	3590	1320	327	625
3	5990	222	183	140	130	1170	213	634	7060	1010	341	517
4	3310	222	195	130	135	995	210	453	10000	804	315	1600
5	1800	222	150	120	140	593	212	371	2640	675	310	2250
6	1300	217	140	120	140	415	236	348	1500	641	308	2000
7	2100	215	140	110	145	334	217	324	1370	782	322	1220
8	1170	213	140	170	160	295	215	303	2260	512	301	786
9	710	210	150	217	170	260	210	290	1960	453	341	658
10	568	206	160	221	197	258	201	279	1120	920	1000	492
11	486	206	200	224	190	230	199	270	1160	11000	420	844
12	453	203	204	222	201	150	194	270	1160	20000	295	5100
13	420	203	203	217	150	175	192	248	703	13000	1890	2960
14	397	204	206	206	140	215	186	254	1100	8080	2730	1440
15	374	204	212	206	130	250	185	262	1660	4670	2860	900
16	348	199	206	208	165	275	181	295	1370	3040	1140	634
17	340	203	206	213	208	297	179	351	1140	1540	658	532
18	332	206	199	213	194	270	172	358	900	1490	489	433
19	324	197	197	203	201	262	174	348	1360	926	939	381
20	306	197	194	170	204	262	179	297	1720	750	631	341
21	295	201	197	140	203	240	402	946	1370	641	418	312
22	288	204	204	155	206	266	374	1060	2880	700	339	301
23	286	201	194	194	190	329	329	862	4220	775	315	288
24	270	150	197	194	195	308	308	586	2650	862	663	284
25	268	180	194	197	275	275	1930	470	1340	562	877	277
26	262	201	146	201	423	250	3230	547	16300	472	456	273
27	252	219	84	190	371	238	1110	484	28900	431	1320	260
28	246	212	111	180	386	260	746	433	22500	405	911	252
29	240	208	158	170	.....	260	532	418	12000	402	618	248
30	234	206	201	155	.....	254	565	420	5810	400	458	246
31	228	.....	219	140	.....	240	.....	344	.....	371	371	.....
Mean	961	206	180	181	197	391	451	460	4735	2582	732	898
Max.	5990	226	219	224	423	1270	3230	1060	28900	20000	2860	5100
Min.	228	150	84	110	130	150	172	248	303	371	295	246
A.F.	59080	12260	11070	11160	10930	24010	26830	28290	281800	158700	45040	53440

Total acre-feet 722610

DISCHARGE IN SECOND-FEET OF BRUSHY CREEK NEAR MAYWOOD
Sec. 28-8-29 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	2	1	1	39
2	1	1	1	1	197
3	1	1	1	1	10
4	1	0	1	0	33
5	0	0	1	1	4
6	0	0	1	1	3
7	1	7	1	1	77
8	1	232	1	0	3
9	1	3	1	1	2
10	1	7	158	0	2
11	1	1	3	0	1
12	1	0	101	0	9
13	1	1	2	0	1
14	76	1	1	1	1
15	92	1	1	1	1
16	4	1	1	1	1
17	10	2	7	1	1
18	6	29	27	1	1
19	4	1	1	1	1
20	50	1	1	1	1
21	15	87	12	1	1
22	1	314	5	1	1
23	1	22	1	1	1
24	1	6	1	1	0
25	1	2	1	1	1
26	87	0	1	48	1
27	220	0	1	18	0
28	1	1	6	1	0
29	17	1	1	1	0
30	1	1	1	1	0
31	184	0	1	1	.....
Mean	16	24	11	3	13
Max.	184	314	158	48	197
Min.	0	0	1	0	0
A.F.	986	1450	677	173	778

Total acre-feet 4060

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR HAIGLER
Sec. 20-1-40 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	10	11	10	10	11	11	8	12	9	8	9
2	10	10	11	9	10	12	10	7	11	9	8	12
3	10	10	11	10	10	11	10	9	10	9	19	48
4	10	10	10	9	10	12	11	8	10	9	17	49
5	10	10	7	10	11	12	20	8	11	14	9	24
6	10	11	7	9	12	11	14	10	13	12	7	30
7	10	11	6	9	12	11	11	8	14	10	6	30
8	10	10	6	12	10	11	10	8	13	9	6	28
9	10	10	6	9	10	12	10	8	13	9	6	19
10	11	11	10	10	10	11	14	8	13	10	15	13
11	12	11	14	10	12	12	13	9	15	14	24	12
12	12	11	12	11	10	12	12	10	13	16	16	10
13	12	11	12	9	5	12	10	8	12	14	8	10
14	12	12	12	11	5	12	9	8	10	12	12	10
15	11	11	11	10	14	13	9	22	10	11	10	10
16	11	11	13	10	14	11	10	15	9	11	10	10
17	11	11	11	10	13	11	9	10	10	10	10	14
18	10	11	11	10	13	11	10	8	10	10	10	10
19	10	11	11	10	13	11	9	7	10	9	9	9
20	10	12	11	10	14	11	10	9	9	9	9	9
21	10	10	11	11	13	11	10	18	10	11	10	9
22	10	10	11	10	13	11	10	18	13	12	10	10
23	10	9	12	10	12	10	10	13	13	11	10	10
24	10	9	10	10	12	11	10	12	11	10	11	12
25	10	11	10	10	12	11	10	10	10	9	8	10
26	10	11	9	10	11	11	10	10	9	10	8	9
27	10	11	11	9	11	11	13	10	9	9	8	9
28	9	10	11	6	11	10	12	10	9	8	8	9
29	10	10	10	6	11	11	8	10	9	8	8	10
30	11	11	10	11	11	12	8	10	11	8	8	13
31	10	11	11	8	11	12	10	10	11	9	8	15
Mean	10	11	10	10	11	11	11	10	11	10	10	10
Max.	12	12	14	12	14	13	20	22	15	16	24	49
Min.	9	9	6	6	5	10	8	7	9	8	6	9
A.F.	634	629	634	590	619	694	639	630	656	636	636	902

Total acre-feet 7900

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR DARR
Sec. 28-11-22 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	0	0	0	25	12	4	21
2	24	0	0	0	0	0	0	0	5	11	5	20
3	0	0	0	0	0	0	0	0	0	13	3	21
4	0	0	0	0	0	0	0	0	0	12	2	23
5	0	0	0	0	0	0	0	0	6	8	5	17
6	0	0	0	0	0	0	0	0	8	5	7	11
7	0	0	0	0	0	0	0	0	7	22	8	10
8	0	0	0	0	0	0	0	0	13	19	3	10
9	0	0	0	0	0	0	0	0	18	20	4	13
10	0	0	0	0	0	0	0	0	7	10	4	12
11	0	0	0	0	0	0	0	0	6	19	2	9
12	0	0	0	0	0	0	0	0	5	24	2	16
13	0	0	0	0	0	0	0	0	6	11	23	1
14	0	0	0	0	0	0	0	0	74	20	0	18
15	2	0	0	0	0	0	0	0	8	11	16	0
16	15	0	0	0	0	0	0	0	23	6	14	0
17	17	0	0	0	0	0	0	0	8	3	12	1
18	14	0	0	0	0	0	0	0	1	7	0	7
19	11	0	0	0	0	0	0	0	14	8	7	0
20	8	0	0	0	0	0	0	0	3	7	16	1
21	5	0	0	0	0	0	0	0	15	5	14	0
22	8	0	0	0	0	0	0	0	1	87	15	3
23	9	0	0	0	0	0	0	0	0	34	12	11
24	10	0	0	0	0	0	0	0	0	39	11	20
25	13	0	0	0	0	0	0	0	0	15	15	18
26	13	0	0	0	0	0	0	0	0	28	15	24
27	12	0	0	0	0	0	0	13	10	11	26	8
28	8	0	0	0	0	0	0	22	5	15	29	7
29	4	0	0	0	0	0	0	19	10	21	24	17
30	1	0	0	0	0	0	0	21	13	20	16	14
31	2	0	0	0	0	0	0	196	12	12	12	11
Mean	6	0	0	0	0	0	0	11	15	15	8	11
Max.	24	0	0	0	0	0	0	196	87	24	29	23
Min.	0	0	0	0	0	0	0	0	0	5	0	0
A.F.	348	1	0	0	0	0	0	704	935	909	479	657

Total acre-feet 4030

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR OVERTON
Sec. 20-9-19 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	77	2	4	3	3	4	2	5	100	56	159	95
2	92	2	4	3	3	3	3	5	202	60	112	86
3	100	2	3	3	3	3	3	4	196	59	55	97
4	96	2	3	3	3	3	3	4	47	64	51	100
5	83	2	3	3	3	4	4	4	23	100	74	102
6	78	2	3	3	3	3	4	4	17	114	64	93
7	57	4	3	3	3	2	4	4	21	104	53	78
8	54	4	4	3	3	2	4	3	33	84	53	68
9	52	4	3	3	3	2	3	3	39	88	41	55
10	56	4	3	3	4	2	3	4	63	93	32	47
11	48	4	4	3	3	2	3	3	104	106	29	46
12	17	4	4	3	4	1	3	3	65	89	36	40
13	2	4	4	3	3	2	3	3	44	108	35	37
14	2	4	4	3	4	2	2	3	121	155	30	34
15	2	4	4	3	5	3	2	4	171	156	25	34
16	2	4	4	3	5	3	2	3	220	132	46	37
17	2	4	4	3	4	3	2	4	148	122	44	35
18	2	4	4	3	4	4	2	7	55	121	54	31
19	19	4	4	3	4	3	2	19	43	118	57	27
20	22	3	4	3	4	3	3	13	64	132	122	26
21	20	3	4	3	4	3	4	19	86	128	186	22
22	18	4	4	3	4	4	3	37	78	130	104	20
23	12	2	4	3	4	4	3	16	80	107	96	18
24	11	3	4	4	5	4	3	38	172	104	114	17
25	7	3	4	3	5	3	3	30	235	103	146	18
26	9	3	3	3	8	3	4	36	261	84	162	16
27	16	3	3	4	5	5	5	34	237	68	149	19
28	23	3	3	3	5	3	16	20	170	62	160	17
29	17	3	3	3	3	3	9	7	86	102	166	12
30	8	3	3	3	3	2	5	10	62	142	140	11
31	8	3	3	3	3	3	3	10	62	132	117	
Mean	33	3	3	3	4	4	4	12	108	106	87	45
Max.	100	4	4	4	8	4	16	41	261	182	166	102
Min.	2	2	3	3	2	1	2	3	17	56	25	11
A.F.	2030	185	213	188	223	180	222	767	6430	6510	5340	2650

Total acre-feet 24940

DISCHARGE IN SECOND-FEET OF
BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	8	47	48	285	142
2	5	135	43	209	109
3	5	292	46	144	105
4	5	378	42	48	130
5	4	42	51	60	141
6	3	24	100	92	136
7	5	22	115	68	103
8	6	25	87	47	87
9	7	39	71	54	72
10	5	39	70	40	55
11	6	78	86	30	48
12	7	135	107	31	45
13	7	58	91	40	39
14	7	79	134	34	36
15	8	209	188	29	35
16	8	275	176	29	32
17	9	354	133	54	39
18	8	196	129	37	35
19	12	44	127	56	31
20	22	38	130	67	27
21	20	67	156	158	26
22	33	102	152	225	24
23	34	76	156	86	22
24	20	92	114	117	22
25	37	248	114	146	21
26	29	505	115	196	22
27	37	591	84	225	20
28	35	491	66	187	22
29	24	283	64	227	30
30	16	72	132	239	18
31	12	....	222	180	....
Mean	14	168	108	111	55
Max.	37	591	222	285	142
Min.	3	22	43	29	18
A.F.	880	9990	6650	6820	3300

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CALAMUS RIVER NEAR BURWELL
Sec. 8-21-16 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	340	292	322	329	237	396	267	412	429	329	267	336
2	343	292	326	315	248	396	276	384	517	329	270	336
3	332	302	250	318	258	358	289	365	536	354	282	332
4	343	308	100	281	290	329	295	347	554	343	289	358
5	336	315	54	289	303	343	315	343	536	340	282	412
6	318	326	72	282	339	347	329	336	454	336	276	429
7	308	329	104	280	251	340	336	332	400	328	286	408
8	298	326	136	289	229	292	332	326	400	315	295	408
9	295	318	179	308	231	227	329	322	376	312	315	408
10	295	295	205	293	253	296	322	308	362	315	340	424
11	292	305	260	296	282	224	308	295	350	340	365	412
12	295	295	349	293	256	212	292	292	343	350	370	437
13	305	302	364	296	180	246	292	308	340	355	485	437
14	315	308	401	296	227	302	298	354	380	360	400	433
15	315	312	298	295	249	293	302	516	388	365	396	433
16	298	302	290	298	286	299	298	920	376	369	358	433
17	298	302	275	302	412	325	298	824	392	358	350	412
18	295	302	290	298	343	315	302	741	365	350	347	400
19	292	315	290	302	343	289	315	635	940	329	340	400
20	295	308	310	292	340	295	326	559	329	315	644	388
21	292	298	305	280	343	298	365	508	312	302	563	384
22	289	296	312	300	336	308	362	472	329	282	481	369
23	286	285	312	320	336	315	376	442	343	273	468	376
24	286	245	318	346	343	308	373	424	358	264	450	388
25	289	240	315	323	354	312	360	412	358	281	424	386
26	295	240	290	277	358	315	376	392	358	264	404	388
27	292	325	274	228	347	326	420	350	343	264	380	365
28	292	336	296	247	376	312	433	336	336	270	389	365
29	292	318	312	246	---	286	424	336	329	282	354	362
30	295	322	329	241	---	286	412	329	332	279	340	365
31	295	---	332	234	---	276	---	380	---	273	329	---
Mean	304	301	267	290	298	305	335	429	386	316	372	393
Max.	343	336	401	346	412	396	433	920	554	369	644	437
Min.	286	240	54	228	180	212	267	292	312	261	267	332
A.F.	18670	17930	16400	17840	16560	18780	19920	26380	22940	19450	22850	23390

Total acre-feet 241100

DISCHARGE IN SECOND-FEET OF
CEDAR CREEK NEAR BROAD-
WATER—Sec. 11-18-48 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	25	28	20	10	10
2	10	34	21	11	44
3	10	30	16	3	100
4	11	19	15	2	70
5	10	15	15	1	45
6	31	17	14	2	41
7	27	23	14	16	45
8	27	24	16	15	41
9	12	15	30	16	41
10	4	23	30	14	41
11	3	19	33	12	41
12	11	39	34	11	41
13	12	29	15	15	41
14	11	24	4	15	30
15	10	20	21	11	29
16	10	16	27	12	29
17	12	66	6	10	28
18	7	32	5	13	29
19	15	35	4	10	15
20	14	19	2	3	15
21	4	30	1	3	14
22	7	36	3	4	14
23	11	19	4	4	14
24	10	19	3	4	14
25	12	20	13	4	13
26	12	18	14	4	13
27	1	16	14	3	13
28	1	17	12	4	13
29	4	21	4	5	13
30	2	20	9	7	13
31	25	---	14	7	---
Mean	12	25	13	8	30
Max.	31	66	34	16	100
Min.	1	15	1	1	10
A.F.	720	1470	830	500	1800

DISCHARGE IN SECOND-FEET OF CEDAR RIVER NEAR SPALDING
 Sec. 5-20-10 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	247	144	142	132	78	154	220	589	209	131	123	212
2	330	135	136	130	85	192	218	491	221	161	134	187
3	282	136	125	121	91	170	180	392	230	144	126	211
4	305	136	114	120	110	210	216	304	282	173	125	189
5	285	143	100	129	130	201	178	285	335	150	118	263
6	227	148	100	137	144	177	197	277	368	186	126	223
7	241	140	100	130	118	200	201	250	341	204	111	242
8	244	121	110	135	117	167	185	204	304	197	118	240
9	217	128	137	122	132	171	215	202	256	147	130	258
10	226	121	144	128	159	164	161	218	235	190	192	302
11	208	127	182	121	151	160	230	194	229	169	170	315
12	183	140	216	138	166	158	189	193	216	180	185	381
13	195	143	188	128	203	158	183	190	203	185	186	328
14	168	134	158	181	186	162	187	204	210	186	185	320
15	178	138	123	145	156	166	169	270	202	218	171	384
16	186	127	154	128	150	179	164	324	185	245	159	403
17	182	140	123	116	113	171	163	299	177	286	155	378
18	233	134	143	166	149	164	151	429	190	444	161	325
19	157	1146	131	124	143	164	162	680	187	277	165	297
20	145	152	136	133	141	146	156	721	136	184	207	258
21	148	142	138	119	138	148	210	684	222	236	245	254
22	150	150	127	168	144	180	182	634	173	210	249	210
23	152	132	130	185	144	191	190	516	178	167	479	213
24	157	120	137	145	145	213	214	417	174	149	847	207
25	152	114	130	134	158	171	268	376	177	140	706	212
26	97	117	118	132	152	274	277	338	179	136	602	217
27	142	120	110	114	171	274	292	273	179	131	507	208
28	162	122	110	105	177	278	352	213	138	118	400	202
29	156	123	126	113	-----	286	398	213	157	136	333	199
30	164	120	148	106	-----	267	545	169	155	126	280	188
31	153	-----	137	78	-----	236	-----	359	-----	127	247	-----
Mean	196	133	135	129	141	192	223	352	215	185	255	261
Max.	330	152	216	185	203	286	545	721	368	444	847	403
Min.	97	114	100	78	78	146	151	169	136	118	111	187
A.F.	12040	7920	8280	7960	7840	11810	13260	21640	12790	11370	15690	15540

Total acre-feet 146100

DISCHARGE IN SECOND-FEET OF CEDAR RIVER AT FULLERTON
 Sec. 4-16-6 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	293	225	248	236	153	347	347	807	531	261	201	448
2	471	222	193	240	138	353	314	747	452	255	217	435
3	428	214	128	247	148	359	308	565	386	308	206	390
4	368	220	148	222	155	350	255	573	374	278	198	386
5	323	236	140	216	158	393	323	425	399	374	198	592
6	359	236	130	212	166	619	317	409	442	359	186	732
7	320	241	120	170	166	250	320	396	459	314	186	435
8	296	247	131	187	152	250	320	299	456	338	186	412
9	305	241	169	198	164	250	296	311	432	341	206	386
10	290	222	201	205	167	200	305	273	477	611	317	353
11	278	230	262	204	181	200	302	296	917	701	241	383
12	278	264	268	210	200	200	323	270	374	435	250	1070
13	255	255	279	210	192	200	273	255	338	435	907	484
14	253	228	284	219	160	220	278	281	366	383	374	396
15	250	228	266	223	173	220	264	290	573	305	308	390
16	238	228	236	238	190	220	250	305	341	287	335	442
17	241	230	227	243	200	200	258	470	287	296	302	456
18	247	230	230	245	213	200	276	832	662	547	299	445
19	267	236	220	208	219	200	241	779	350	356	302	412
20	261	200	221	188	219	200	244	971	287	377	919	390
21	228	239	206	103	222	200	308	955	287	296	531	371
22	225	236	219	146	218	250	326	779	284	299	329	359
23	225	180	221	176	231	1260	293	558	414	329	335	359
24	225	170	197	197	260	380	290	516	494	287	660	311
25	220	180	191	203	280	371	329	520	428	250	770	299
26	220	231	178	190	298	317	329	502	615	225	630	299
27	258	242	118	164	387	350	1460	399	438	211	584	293
28	209	276	133	100	419	438	670	371	320	217	558	270
29	196	297	178	120	-----	344	619	365	314	220	550	284
30	220	291	199	139	-----	350	674	314	258	209	531	273
31	236	-----	217	138	-----	347	-----	442	-----	214	476	-----
Mean	274	232	199	193	208	324	370	493	425	332	401	418
Max.	471	297	284	247	419	1260	1460	971	917	701	919	1070
Min.	196	170	118	100	138	-----	241	255	258	209	186	270
A.F.	16820	13850	12210	11890	11560	19910	22040	30300	25280	20410	24660	24900

Total acre-feet 233810

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CENTER CREEK AT FRANKLIN
Sec. 36-2-15 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	3	4	5	1	5	5	8	6	3	4	3
2	6	3	4	4	1	5	5	7	1	3	3	3
3	5	3	4	1	1	5	4	7	6	3	3	3
4	5	3	4	1	2	7	4	7	6	3	3	3
5	5	3	3	1	2	9	5	8	7	3	2	7
6	5	3	4	2	3	9	5	6	8	3	2	7
7	4	3	4	2	4	9	4	6	8	3	2	7
8	4	3	5	2	4	4	4	7	7	3	2	7
9	4	3	4	2	4	8	4	8	7	4	2	7
10	5	4	5	4	5	7	4	7	8	4	2	6
11	5	4	5	7	7	6	5	8	8	4	2	5
12	4	4	6	6	5	7	4	8	6	475	3	5
13	4	4	6	10	2	8	4	8	5	376	3	5
14	4	6	6	10	2	8	4	8	5	224	3	5
15	4	6	5	6	2	12	4	8	5	108	2	5
16	4	5	4	6	3	12	4	10	3	58	2	4
17	4	5	4	7	4	13	4	13	3	23	2	4
18	4	5	4	7	5	12	4	13	3	14	2	4
19	4	5	4	9	6	12	5	12	3	8	2	4
20	4	5	3	9	6	13	8	12	3	7	2	3
21	4	6	4	8	5	14	13	12	3	7	2	3
22	4	6	4	9	5	10	17	8	4	7	2	3
23	3	5	5	8	5	10	17	4	3	6	2	3
24	3	4	5	12	5	9	15	4	3	5	3	3
25	3	5	4	11	5	9	13	4	3	5	3	3
26	3	5	2	6	5	7	13	4	3	4	3	3
27	3	5	2	3	5	8	12	5	4	4	3	3
28	3	7	2	2	20	7	10	5	4	4	2	3
29	3	5	3	2	.....	7	12	5	4	4	2	3
30	3	5	4	1	.....	6	33	5	3	3	2	3
31	3	4	4	1	.....	6	8	6	3	4	3	3
Mean	4	4	4	5	4	9	8	8	5	45	4	4
Max.	6	7	6	12	20	14	33	13	8	475	5	7
Min.	3	3	2	1	1	4	3	4	3	3	2	3
A. F.	244	264	256	321	243	529	488	462	288	2750	160	251

Total acre-feet 6260

DISCHARGE IN SECOND-FEET OF
CLEVELAND DRAIN—Sec. 6-20-52W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	10	14	22	15	15
2	2	8	22	9	14
3	1	20	20	9	14
4	1	21	19	13	13
5	1	14	18	11	13
6	10	16	26	13	13
7	6	16	10	13	13
8	7	12	14	14	13
9	4	14	13	15	13
10	4	19	11	16	15
11	24	17	21	21	15
12	14	24	24	4	13
13	29	24	24	28	13
14	37	17	14	23	12
15	25	20	17	18	12
16	29	16	22	23	13
17	42	17	22	19	14
18	23	15	22	23	14
19	26	29	13	10	14
20	18	27	15	9	14
21	19	27	18	3	12
22	18	29	23	5	11
23	19	32	29	11	11
24	20	30	22	11	12
25	21	33	22	12	12
26	23	31	15	15	15
27	18	31	26	13	16
28	18	30	24	10	13
29	22	21	30	9	12
30	13	30	15	11	13
31	14	.....	21	14	.....
Mean	17	22	20	14	13
Max.	42	33	30	28	16
Min.	1	8	10	3	11
A. F.	1020	1300	1220	830	790

BUREAU OF IRRIGATION

477

CRESCENT LAKE STORAGE IN ACRE-FEET, At head of Blue Creek
Sec. 21-20-44 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1						3960						
2												
3		3330										
4			3470					3900			4650	4300
5												
6	3820											
7												
8			3470							4730		4310
9						4030						
10												
11											4310	
12									4490			
13	3610	3330					4020					
14												4440
15			3610						4560			
16						4070						
17		3330						3360				
18												
19	3470									5140		
20							3890				3750	
21												
22												
23												
24											3890	
25								4310				
26									4730			4450
27	3330	3330					3890					
28			3580							5140		
29						4040						
30		3470										4450
31								4310				

DISCHARGE IN SECOND-FEET OF DAVIS CREEK NEAR COTESFIELD
Sec. 34-17-12 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2	7	2	6	2	2	6	3	7	14	2	2	5
3	50	22	33	22	1	1	1	4	6	4	4	5
4	3	2	4	2	1	6	3	4	4	513	1	5
5	2	2	2	2	2	2	2	3	3	29	1	5
6	2	2	2	2	2	2	2	3	3	8	1	5
7	2	2	2	2	2	2	2	3	3	5	1	6
8	2	2	2	2	2	2	2	3	3	4	2	7
9	2	2	2	2	2	2	2	3	3	3	25	6
10	2	2	2	2	2	2	2	3	3	4	59	7
11	2	2	5	2	2	2	2	4	4	0	7	3
12	2	2	4	2	2	2	2	3	3	23	12	3
13	2	2	4	2	2	2	2	4	4	15	213	326
14	2	2	3	2	2	2	2	4	4	11	23	23
15	2	2	3	2	2	2	2	6	12	10	14	4
16	2	2	2	2	2	2	2	13	12	4	3	5
17	2	2	2	2	2	2	2	18	10	3	4	3
18	2	2	2	2	2	2	2	24	11	3	32	3
19	2	2	2	2	2	2	2	35	57	3	5	2
20	2	2	2	2	2	2	2	14	10	7	4	2
21	2	2	2	2	2	2	2	4	4	7	4	2
22	2	2	2	2	2	2	2	3	3	3	3	2
23	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	3	3	68	2	4
25	2	2	2	2	2	2	2	11	69	2	4	3
26	2	2	2	2	2	2	2	22	15	2	15	3
27	2	2	2	2	2	2	2	32	174	2	8	3
28	2	2	2	2	2	2	2	35	8	2	34	3
29	2	2	2	2	2	2	2	7	1	2	23	8
30	2	4	2	2	2	2	2	6	40	2	6	2
31	1		2	2	2	2	2	3	47	2	5	2
Mean	4	2	3	2	4	5	4	14	18	22	17	19
Max.	50	4	6	3	8	15	36	47	174	513	213	326
Min.	1	1	2	1	1	2	2	2	1	0	1	2
A.F.	235	145	184	114	218	294	268	857	1050	1330	1050	1110

Total acre-feet 6860

DISCHARGE IN SECOND-FEET OF
DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	2	4	5	9	10
2	2	3	5	8	11
3	2	3	5	9	12
4	2	3	5	12	12
5	1	2	5	12	12
6	1	3	5	13	10
7	1	3	5	13	11
8	2	3	5	15	11
9	2	3	5	16	11
10	2	3	5	15	10
11	2	3	6	16	9
12	2	3	6	15	10
13	2	3	6	17	9
14	2	16	6	15	9
15	3	5	6	15	9
16	3	4	6	16	8
17	3	4	6	14	7
18	3	4	6	13	7
19	3	4	6	36	7
20	3	4	6	16	7
21	3	4	6	13	6
22	2	4	6	12	6
23	2	6	6	12	6
24	2	6	6	14	6
25	2	5	6	13	6
26	2	36	6	11	6
27	1	7	6	11	5
28	1	6	6	11	5
29	1	6	6	10	5
30	1	5	8	10	5
31	11		7	10	8
Mean	2	6	6	14	8
Max.	3	36	8	36	12
Min.	1	2	5	8	5
A.F.	140	330	360	840	490

DISCHARGE IN SECOND-FEET OF DISMAL RIVER AT DUNNING
Sec. 4-21-24 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	345	324	324	309	282	309	289	321	394	260	297	336
2	336	318	327	327	290	333	289	321	385	283	292	330
3	330	315	333	318	327	309	303	324	339	289	294	330
4	318	345	333	308	398	309	303	303	330	277	297	345
5	312	327	127	305	373	318	318	309	327	283	283	360
6	342	321	206	314	415	294	333	294	320	283	289	339
7	318	333	312	318	379	309	312	306	320	315	283	342
8	327	315	340	315	387	272	306	294	385	318	294	315
9	348	280	362	321	393	289	300	315	375	310	277	354
10	333	280	362	315	450	281	309	294	348	428	277	324
11	324	320	386	327	428	283	292	297	348	369	277	330
12	327	289	368	327	385	281	283	306	348	375	283	345
13	339	286	339	324	268	292	286	324	333	324	286	324
14	348	297	318	330	268	308	274	505	342	339	277	312
15	336	306	310	321	340	320	289	495	315	339	274	327
16	333	297	338	327	398	333	286	476	330	336	268	303
17	312	289	321	327	357	333	289	444	333	342	286	312
18	333	309	342	330	333	318	289	431	336	351	274	339
19	312	297	321	315	339	306	292	400	330	342	274	324
20	312	300	327	308	327	306	327	369	327	330	286	357
21	309	312	345	302	339	294	324	400	315	330	265	345
22	294	312	345	310	333	309	300	366	351	312	268	330
23	292	280	336	318	339	303	292	351	318	297	268	318
24	294	290	336	321	339	327	309	336	286	300	315	303
25	315	320	339	309	333	315	315	345	294	297	333	303
26	309	330	330	321	333	309	312	342	294	309	321	294
27	309	333	327	260	315	312	345	306	292	306	315	268
28	312	321	345	193	327	327	318	309	277	318	306	268
29	324	318	321	224	.....	303	333	306	277	324	333	271
30	327	324	336	274	.....	306	333	297	280	312	330	271
31	348	.....	342	290	.....	284	.....	315	.....	303	327	.....
Mean	323	310	326	307	350	305	305	348	328	320	292	321
Max.	348	345	386	330	450	333	345	505	394	428	333	360
Min.	292	280	127	193	268	263	274	294	277	277	265	268
A.F.	19870	18420	20030	18860	19430	18770	18150	21420	19540	19680	17950	19080

Total acre-feet 231200

BUREAU OF IRRIGATION

479

DISCHARGE IN SECOND-FEET OF DRIFTWOOD CREEK NEAR McCOOK
Sec. 12-2-30 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	0	0	2	0	8	2	11
2	0	0	0	0	0	0	0	0	0	5	3	18
3	1	0	0	0	0	0	0	0	0	1	4	316
4	1	0	0	0	0	0	0	0	1	1	186	1680
5	1	0	0	0	0	0	0	0	0	2	21	2450
6	1	0	0	0	0	0	0	0	0	3	6	160
7	1	0	0	0	0	0	0	0	25	2	3	792
8	1	0	0	0	0	0	0	0	19	0	2	3130
9	0	0	0	0	0	0	0	0	15	0	7	300
10	0	0	0	0	0	0	0	0	12	9	52	52
11	0	0	0	0	0	0	0	0	9	195	264	30
12	0	0	0	0	0	0	0	1	6	254	99	30
13	1	0	0	0	0	0	0	2	3	168	58	14
14	1	0	0	0	0	0	0	1	2	45	99	10
15	1	0	0	0	0	0	0	0	0	21	12	10
16	0	0	0	0	0	0	0	0	0	15	3	8
17	0	0	0	0	1	0	0	19	0	10	2	8
18	0	0	0	0	1	0	0	10	359	86	1	7
19	0	0	0	0	1	0	0	2	28	10	1	6
20	1	0	0	0	1	0	0	2	19	8	2	6
21	0	0	0	0	0	0	0	3	534	7	1	6
22	0	0	0	0	0	0	0	3	221	40	114	6
23	0	1	0	0	0	0	0	2	145	58	17	6
24	0	1	0	0	0	0	0	0	14	42	7	6
25	0	1	0	0	1	0	0	0	6	51	15	5
26	0	1	0	0	1	0	0	0	2	16	8	4
27	0	1	0	0	1	0	0	1	10	0	14	4
28	0	1	0	0	0	0	0	0	9	0	12	4
29	0	0	0	0	0	0	0	0	10	0	12	4
30	0	0	0	0	0	0	1	0	9	0	8	4
31	0	0	0	0	0	0	0	0	0	0	8	4
Mean	0	0	0	0	0	0	1	32	25	31	29	302
Max.	1	1	0	0	1	0	3	534	359	254	264	3130
Min.	0	0	0	0	0	0	0	0	0	0	1	4
A.F.	32	27	24	18	23	15	39	1950	1470	1930	1780	18000

Total acre-feet 25310

DISCHARGE IN SECOND-FEET OF DRY CREEK NEAR CURTIS
Sec. 25-8-28 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1
2	0	0	0	0	0	12
3	0	0	0	0	0	0
4	0	0	0	0	0	23
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	34	0	0	6
8	0	0	468	0	0	0
9	0	0	3	0	0	0
10	0	0	16	114	0	0
11	0	0	0	0	0	0
12	0	0	0	68	0	0
13	0	0	59	0	0	0
14	0	1	89	0	0	0
15	0	66	8	0	0	0
16	0	0	0	64	0	0
17	0	0	0	8	0	0
18	0	0	71	59	0	0
19	0	0	0	4	0	0
20	0	282	0	0	0	0
21	0	10	162	0	0	0
22	0	0	152	21	0	0
23	0	0	30	0	0	0
24	0	0	1	0	0	0
25	0	0	8	0	0	0
26	0	0	46	0	4	0
27	0	53	0	0	0	0	0
28	0	0	0	0	6	0	0
29	0	0	0	0	0	0	0
30	0	0	0	131	0	0	0
31	0	0	0	117	0	0	0
Mean	2	20	38	11	0	1
Max.	53	282	468	114	4	23
Min.	0	0	0	0	0	0
A.F.	105	1200	2240	683	8	83

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF DRY CREEK AT CAIRO
Sec. 18-12-11 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	6	4	0	0	0
2	10	0	0	0	0	0	0	0	1	0	0	0
3	5	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	2
6	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	3	1	0
12	0	0	0	0	0	0	0	0	0	0	4	0
13	0	0	0	0	0	0	0	0	0	2	4	1
14	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0
19	0	0	0	0	0	0	0	2	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	9	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	13	1	0	0	0	0
31	0	0	0	0	0	0	0	152	5	0	0	0
Mean	0	0	0	0	0	0	1	5	4	3	4	2
Max.	10	0	0	0	0	0	13	152	4	0	0	2
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	30	0	0	0	0	1	46	322	12	21	12	6

Total acre-feet 450

DISCHARGE IN SECOND-FEET OF
DUGOUT CREEK, UPPER, NEAR
NORTHPORT—Sec. 20-20-50 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	2	44	10	16	14
2	2	90	6	19	20
3	2	99	5	19	27
4	2	70	4	19	33
5	2	89	1	32	40
6	2	67	1	16	47
7	2	69	1	29	53
8	2	66	36	34	43
9	2	46	50	31	57
10	2	57	1	31	62
11	53	66	27	23	49
12	41	66	46	22	57
13	3	47	22	23	65
14	3	34	18	20	53
15	3	44	23	17	53
16	10	28	20	14	49
17	61	20	21	14	46
18	82	14	17	14	38
19	77	45	10	14	31
20	57	26	16	13	35
21	69	46	11	14	36
22	72	49	11	18	46
23	89	74	6	9	36
24	82	40	7	12	34
25	50	67	12	16	30
26	40	3	10	13	33
27	33	1	11	14	36
28	28	1	18	14	38
29	13	1	14	11	34
30	31	1	12	14	42
31	12		13	10	
Mean	30	46	15	18	41
Max.	89	99	50	34	65
Min.	2	1	1	9	14
A.F.	1840	2720	910	1120	2450

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT EWING
Sec. 35-27-9 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	464	120	74	92	55	233	957	1500	713	1110	146	288
2	466	122	67	94	55	277	770	1410	815	1090	141	268
3	447	130	68	88	57	219	626	1230	974	1260	141	258
4	435	124	69	88	58	197	560	1060	2360	1310	133	260
5	447	127	64	85	61	233	514	883	2720	1200	125	283
6	464	119	78	82	66	260	529	690	2410	1060	119	301
7	466	114	75	82	66	240	538	562	2100	930	114	297
8	457	114	75	82	68	180	550	474	1840	801	112	294
9	430	106	77	82	70	170	565	442	1640	669	114	323
10	390	86	79	84	70	780	575	392	1480	634	112	546
11	345	86	81	85	74	170	553	332	1310	660	113	726
12	305	101	84	87	74	150	514	303	1170	787	113	770
13	279	112	87	87	75	190	493	277	1010	913	185	818
14	258	107	90	87	76	210	481	277	640	951	301	903
15	238	106	91	86	76	245	459	354	654	971	526	900
16	222	103	92	86	74	240	438	565	723	1000	609	777
17	222	101	88	87	79	237	411	2060	498	988	595	640
18	203	100	89	89	82	192	370	520	838	883	595	543
19	192	108	87	88	84	184	343	5180	842	723	618	474
20	181	100	88	72	84	167	336	4300	896	588	866	430
21	177	104	88	60	112	192	430	3670	1060	490	889	361
22	167	90	88	70	141	205	558	3060	1320	416	872	334
23	162	60	91	70	164	483	648	2530	1390	361	818	319
24	153	54	93	70	186	567	832	2120	1300	321	791	356
25	148	62	94	66	169	753	1020	1790	1230	286	764	426
26	145	66	94	64	164	981	1200	1510	1200	256	660	476
27	141	67	100	60	169	1190	1670	1210	1240	226	486	490
28	138	69	82	62	204	1230	1840	985	1300	208	397	474
29	132	72	78	56	-----	1220	1750	794	1260	190	363	447
30	127	73	86	52	-----	1220	1630	640	1200	174	341	411
31	122	-----	92	54	-----	1100	-----	675	-----	157	305	-----
Mean	275	97	84	77	97	430	738	1519	1271	697	402	473
Max.	466	130	100	94	204	1230	1840	5820	2720	1310	889	903
Min.	122	54	64	52	55	150	336	277	498	157	112	258
A.F.	16910	5760	5140	4750	5380	26410	43950	93410	75640	42870	24720	28150

Total acre-feet 373100

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER, SOUTH FORK,
AT EWING—Sec. 2-26-9 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	418	58	22	35	30	95	169	390	273	62	42	70
2	480	64	27	35	30	161	162	423	409	62	43	70
3	385	64	30	35	32	118	154	376	428	85	43	78
4	281	55	30	41	34	143	131	281	399	76	41	62
5	238	53	30	44	33	132	124	217	344	70	40	99
6	221	46	35	39	29	107	162	158	273	53	38	135
7	193	52	35	50	24	101	205	135	221	44	38	143
8	162	58	35	50	41	43	238	124	181	44	41	128
9	158	50	35	54	41	222	189	121	173	50	47	139
10	162	40	35	52	42	210	177	110	181	55	44	135
11	150	45	35	51	39	118	158	95	146	67	60	185
12	139	48	35	55	25	206	135	85	139	76	73	226
13	124	47	35	54	24	187	124	82	143	82	62	230
14	121	48	35	58	30	143	154	88	117	76	193	259
15	121	43	35	53	32	94	165	150	92	76	259	255
16	113	43	35	58	34	107	139	209	99	73	290	213
17	103	52	40	55	33	69	113	466	99	78	217	181
18	92	62	40	56	32	29	99	807	177	64	143	146
19	95	67	40	47	29	50	103	1010	121	52	110	110
20	78	81	42	26	28	56	110	1170	103	47	318	99
21	73	58	52	28	27	34	158	960	88	44	353	106
22	67	33	52	26	26	52	247	621	85	46	358	103
23	76	33	47	25	60	169	308	451	92	48	268	92
24	76	28	45	27	67	218	330	358	88	46	226	82
25	73	40	40	27	82	254	362	259	85	42	181	85
26	78	42	24	26	100	375	456	193	85	42	143	85
27	82	39	30	26	124	461	519	150	85	42	121	67
28	85	34	30	27	139	461	539	113	78	40	103	88
29	88	28	30	28	-----	399	560	110	62	42	99	99
30	76	24	30	29	-----	317	432	117	67	41	99	88
31	67	-----	30	30	-----	221	-----	173	-----	40	78	-----
Mean	151	48	35	40	46	174	231	323	164	57	135	130
Max.	480	81	52	58	139	461	560	1170	428	85	358	259
Min.	67	24	22	23	24	29	99	82	62	40	38	67
A.F.	9280	2850	2170	2470	2530	10690	13730	19840	9780	3500	8270	7730

Total acre-feet 92840

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT NELIGH
Sec. 20-25-6 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1300	310	271	237	150	466	1390	2850	2570	1400	288	652
2	1800	307	259	226	150	534	1170	2570	2100	1360	288	636
3	2280	338	211	212	153	472	1040	2490	2120	1850	291	612
4	2070	324	236	199	162	359	955	2050	2320	1860	286	632
5	1500	310	225	203	168	449	915	1630	3450	1600	273	684
6	1290	307	210	178	178	486	1000	1280	3670	1440	264	792
7	1180	299	216	179	170	441	1130	1040	3150	1280	252	792
8	1060	294	224	198	158	330	1220	920	2570	1140	245	764
9	940	273	239	206	172	312	1150	815	2110	1010	268	930
10	825	237	234	204	182	344	1100	788	1850	900	445	1020
11	732	237	243	204	191	304	1020	724	1640	940	326	1190
12	620	278	256	217	205	245	925	700	1420	990	326	1460
13	518	281	271	210	179	260	860	700	1260	1020	1040	1530
14	476	281	282	211	174	310	865	700	1120	1080	1420	1520
15	458	281	267	219	187	359	784	820	1020	1130	2440	1590
16	442	273	254	221	192	357	716	1140	900	1190	2380	1410
17	405	271	256	219	215	377	668	1600	885	1230	1900	1180
18	407	273	250	219	243	322	660	4330	1390	1170	1400	955
19	404	268	246	215	281	301	608	8780	1490	1040	1150	786
20	392	242	237	153	295	315	600	8160	1300	875	1930	704
21	377	266	246	127	326	321	840	7160	1320	1270	2290	664
22	362	296	252	194	370	392	1020	6120	1500	772	2530	604
23	359	221	257	191	394	900	1190	5260	1740	584	2310	572
24	341	101	261	186	452	1570	1340	4410	1770	514	1770	588
25	335	215	261	182	430	2500	1660	3540	1580	455	1490	628
26	332	263	226	177	407	2680	1970	2650	1530	410	1270	676
27	326	259	189	148	407	2620	2550	1920	1500	377	1070	708
28	324	268	226	127	442	2390	3440	1450	1550	353	905	696
29	315	266	226	149	-----	2190	3750	1240	1570	350	760	676
30	312	273	230	153	-----	1970	3420	1140	1480	321	692	644
31	310	-----	239	152	-----	1650	-----	1280	-----	296	648	-----
Mean	736	270	242	191	251	856	1332	2589	1796	974	1060	877
Max.	2280	338	282	237	452	2680	3750	8780	3670	1860	2530	1590
Min.	310	101	189	127	150	245	600	700	895	296	245	572
A.F.	45250	16090	14880	11730	13950	52610	79250	159200	106900	59910	65150	52160

Total acre-feet 677080

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT NORFOLK
Sec. 3-23-1 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	806	381	338	352	251	1050	2000	3330	2430	1560	477	983
2	1640	411	316	358	242	1000	1660	2840	2650	1500	468	922
3	1360	472	298	352	251	1000	1410	2690	2240	1320	472	896
4	1570	477	278	336	255	980	1280	2450	2240	1830	468	896
5	1350	459	269	315	280	1000	1230	1880	2520	1720	463	909
6	1140	454	247	275	275	1000	1310	1600	2900	1640	450	1050
7	1100	450	316	279	275	900	1340	1250	2950	1560	450	1140
8	1080	441	338	272	283	700	1470	1030	2910	1380	428	1100
9	1050	428	354	291	279	450	1380	876	2550	1190	441	1220
10	1050	415	357	291	277	300	1220	915	2170	1080	477	1460
11	1000	419	360	301	284	240	1190	909	2020	1130	618	1190
12	983	394	357	301	312	200	1190	915	1880	1190	628	3150
13	976	373	359	307	312	250	1080	889	1700	1230	956	2510
14	1020	381	373	322	302	300	1050	889	1600	1300	3100	1940
15	1050	385	370	330	307	350	1020	889	1480	1340	4100	1940
16	889	394	361	344	310	400	1000	1040	1390	1450	2780	1940
17	806	394	364	355	325	450	983	1570	1370	1510	2300	1770
18	728	381	361	349	357	500	983	2510	1560	1550	1980	1580
19	587	390	353	358	374	560	983	4490	1870	1650	1830	1400
20	592	398	352	292	412	640	976	7570	1770	1140	2690	1240
21	557	381	361	238	471	700	1380	8350	1570	1090	2930	1130
22	495	358	371	255	566	900	1390	7610	1630	1040	2280	1040
23	495	356	381	282	648	5010	1380	5790	1850	942	2200	1000
24	481	308	381	311	804	5000	1480	4530	1940	818	1940	969
25	437	279	394	308	880	5590	1670	3580	1660	734	1730	897
26	432	247	394	313	1500	6030	1780	3000	1640	655	1390	1010
27	432	267	346	306	1300	5650	3010	2500	1620	607	1220	1050
28	415	322	312	313	1100	4690	3100	2110	1600	572	1080	1100
29	402	338	320	292	-----	3240	3560	1740	1590	547	1010	1110
30	369	341	352	251	-----	2610	3590	1610	1580	510	976	1050
31	373	-----	352	251	-----	2250	1770	-----	-----	504	1000	-----
Mean	829	383	345	307	473	1740	1570	2682	1963	1197	1398	1323
Max.	1640	477	394	358	1500	6030	3590	8350	2950	2120	4100	3150
Min.	369	247	247	238	242	200	976	876	1370	504	428	896
A.F.	50950	22800	21200	18850	26250	107000	93410	164900	116800	73580	85950	78730

Total acre-feet 860400

BUREAU OF IRRIGATION

483

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT WATERLOO
Sec. 21-16-10 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1040	829	720	630	350	3660	4810	9970	7650	2270	1020	2370
2	1250	829	720	630	360	2570	3630	7900	9540	2180	1040	2100
3	1550	848	690	620	390	2100	3330	5910	7570	8760	963	1820
4	2530	868	650	620	430	1700	3060	4620	5070	13000	1080	1790
5	2500	880	410	620	470	1620	2900	4300	4360	8870	874	1730
6	2220	887	350	600	510	1690	2970	3590	3750	8010	842	1840
7	1780	861	400	610	510	1660	2980	3030	4200	6150	817	1890
8	1500	829	430	600	530	1100	3090	2760	5300	4600	829	1940
9	1420	811	420	570	530	670	3420	2810	4900	3200	835	2210
10	1430	753	440	570	530	490	3310	3280	4400	2570	868	5600
11	1400	748	520	590	550	380	3120	2740	4100	2220	935	3470
12	1310	753	580	600	560	260	2790	2550	3600	2160	963	4050
13	1240	793	630	590	530	330	2470	2220	3100	2430	1700	8690
14	1180	817	660	590	530	420	2460	2110	2600	2430	5500	6030
15	1130	811	680	590	530	500	2370	2170	2620	2410	10500	4320
16	1090	811	700	610	520	560	2140	1990	2600	2360	10400	3430
17	1040	805	690	620	530	710	2100	2200	3000	2320	6110	2940
18	1040	805	680	630	560	830	2080	2580	4500	2500	5020	2710
19	1010	787	700	650	570	690	2020	3340	5350	4300	4010	2410
20	932	758	690	610	590	1010	1970	4940	5000	3150	8240	2160
21	970	764	690	630	630	1360	2470	6480	4500	2640	20300	1880
22	970	781	690	610	650	1630	2900	7530	4000	2290	14600	1890
23	956	650	690	550	680	2780	2940	7670	3500	3120	8480	1770
24	935	650	720	510	700	9180	3020	6530	3000	2330	6700	1720
25	921	650	700	530	1000	19100	3570	5840	2920	2110	5940	1740
26	894	650	630	560	2000	25000	3660	4830	2900	1900	4560	1820
27	894	650	630	520	2530	27000	3990	3940	2800	1810	3700	1690
28	868	650	610	480	4230	23700	7020	3280	2760	1510	8060	1710
29	848	650	580	420	-----	15200	7480	2710	2300	1360	5110	1720
30	842	700	610	350	-----	19800	7290	2280	2270	1260	4010	1710
31	823	-----	620	320	-----	6850	-----	9660	-----	1150	3090	-----
Mean	1244	769	611	569	804	5347	3385	4379	4145	3457	4755	2705
Max.	2530	887	720	650	4230	27000	7480	9970	9540	13000	20600	8690
Min.	823	650	350	320	350	260	1970	1990	2270	1150	817	1690
A.F.	76510	45770	37550	34970	44630	328800	201400	269300	246700	212600	292400	161000

Total acre-feet 1951630

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR AMBOY
Sec. 3-1-10 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	16	16	15	12	18	18	16	25	18	19	18
2	50	16	16	15	14	19	17	15	569	18	19	20
3	30	17	16	14	16	16	16	15	98	18	20	25
4	20	17	16	14	16	16	17	14	56	18	20	61
5	18	18	16	14	16	16	18	14	50	18	19	44
6	17	19	12	14	16	16	17	14	70	18	18	26
7	16	19	14	14	15	16	17	14	150	17	18	20
8	16	19	17	15	15	16	16	15	25	17	18	19
9	16	18	16	15	15	16	15	15	16	17	16	19
10	16	18	16	15	15	15	15	14	16	878	16	19
11	17	18	16	15	15	15	15	14	16	1040	17	20
12	17	19	15	15	15	15	15	14	14	192	16	22
13	17	18	15	15	15	14	14	14	14	105	18	18
14	18	19	15	16	15	15	14	15	20	38	18	18
15	17	19	15	15	16	16	14	15	28	25	18	20
16	17	19	15	15	16	16	14	15	16	20	18	19
17	17	19	15	15	16	17	14	20	16	20	16	18
18	17	19	15	15	16	16	14	18	16	21	15	19
19	17	19	15	15	16	16	14	16	16	20	19	18
20	17	18	15	15	16	17	17	15	17	20	17	18
21	16	18	15	15	16	19	37	30	20	19	17	18
22	16	17	15	15	16	18	20	31	79	31	15	18
23	15	16	15	15	16	17	15	20	42	28	16	18
24	16	17	15	15	16	17	16	17	28	23	16	18
25	16	17	15	15	16	18	16	17	23	22	16	18
26	16	17	15	15	16	18	15	17	63	21	15	18
27	16	17	14	15	17	18	15	16	26	20	15	18
28	16	17	14	15	34	21	15	17	23	21	19	18
29	16	17	15	14	---	19	15	17	22	20	16	17
30	16	17	15	14	---	19	19	17	20	19	16	17
31	16	---	15	14	---	18	---	17	---	19	18	---
Mean	18	18	15	15	16	17	16	17	53	90	17	21
Max.	50	19	17	16	34	21	37	31	569	1040	20	61
Min.	16	16	12	14	12	14	14	14	14	17	15	17
A.F.	1120	1060	930	908	899	1040	980	1030	3170	5520	1040	1270

Total acre-feet 18970

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR OVERTON
Sec. 17-10-18 W.—Water Year Ending September 30, 1951

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	1
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	41	3	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	4	3	0	0	0
18	0	0	0	0	0	0	0	2	2	0	0	0
19	0	0	0	0	0	0	0	0	0	0	2	0
20	0	0	0	0	0	0	0	3	0	0	0	0
21	0	0	0	0	0	0	0	19	4	0	0	0
22	0	0	0	0	0	0	0	0	100	0	0	0
23	0	0	0	0	0	0	0	0	21	0	0	0
24	0	0	0	0	0	0	0	0	3	0	0	0
25	0	0	0	0	0	0	0	0	4	0	0	0
26	0	0	0	0	0	0	0	0	29	0	0	0
27	0	0	0	0	0	0	64	0	2	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0	0	0	0	0	0	2	10	7	2	0	0
Max.	0	0	0	0	0	0	64	19	100	23	2	1
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	127	79	438	111	5	8

Total acre-feet 768

DISCHARGE IN SECOND-FEET OF
ELM CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	1	43	16	1	19
2	0	14	9	9	22
3	0	22	11	5	16
4	0	14	8	1	26
5	0	7	24	4	16
6	0	3	19	13	14
7	2	11	9	16	14
8	2	11	9	6	10
9	6	4	23	5	6
10	5	3	27	2	5
11	6	20	20	3	4
12	6	18	54	7	4
13	4	10	98	6	4
14	3	75	22	5	3
15	3	69	13	5	3
16	1	29	16	5	3
17	4	9	18	3	2
18	15	7	18	2	2
19	20	13	14	5	2
20	15	4	13	5	2
21	8	3	11	9	2
22	37	3	8	6	2
23	11	98	5	12	2
24	8	79	16	8	1
25	0	13	18	23	1
26	5	315	7	19	1
27	4	107	3	20	1
28	0	43	4	30	1
29	5	43	12	25	1
30	8	26	7	22	1
31	3		4	16	
Mean	6	37	17	10	6
Max.	37	315	98	30	26
Min.	0	3	3	1	1
A.F.	360	2170	1060	590	380

ELMORE (KILPATRICK) RESERVOIR STORAGE IN ACRE-FEET
From Snake Creek—Sec. 1-24-52 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6												
7												
8												
9											980	
10												
11							820			950		
12												
13									970			
14						760						900
15												
16					600							
17								930				
18												
19				450								
20			280									
21												
22		260										
23												
24												
25	350											
26												
27												
28												
29												
30												710
31												

DISCHARGE IN SECOND-FEET OF FOX CREEK AT CURTIS
Sec. 27-8-28 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							8	6	11	12	9	11
2							7	6	7	12	9	45
3							7	5	5	11	8	17
4							7	5	4	11	9	25
5							8	5	12	11	8	12
6							8	5	13	11	8	11
7							8	5	176	11	8	17
8							8	5	662	11	8	11
9							8	5	35	10	8	10
10							8	5	17	84	8	10
11							8	5	12	12	8	10
12							8	5	12	37	8	11
13							8	6	62	11	8	10
14							8	49	101	11	8	10
15							8	64	12	11	9	9
16							8	9	11	46	8	8
17							8	6	12	22	8	8
18							8	7	95	36	8	8
19							8	6	12	11	8	8
20							8	321	10	10	8	8
21							8	180	57	11	8	8
22							8	18	391	15	8	8
23							8	6	90	10	9	9
24							8	6	44	10	11	9
25							8	6	14	10	9	9
26							8	5	6	13	9	9
27						8	143	5	13	9	9	9
28						8	6	5	12	11	8	9
29						8	6	21	12	9	8	9
30						8	6	227	12	9	8	9
31						8		1560		9	8	
Mean							12	83	65	16	8	12
Max.							143	1560	662	84	11	45
Min.							6	5	4	9	8	8
A.F.							721	5100	3850	996	521	683

Total acre-feet 11871

DISCHARGE IN SECOND-FEET OF
FREMONT SLOUGH NEAR NORTH
PLATTE—Sec. 16-13-30 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	31	42	42	33	27
2	31	43	50	32	32
3	31	46	48	32	35
4	31	43	41	30	35
5	29	40	38	31	36
6	29	41	38	30	36
7	29	110	38	30	35
8	29	283	36	28	35
9	27	290	36	30	35
10	28	99	40	27	32
11	28	79	40	27	32
12	28	68	48	28	32
13	29	52	47	28	31
14	71	52	47	28	33
15	610	46	38	28	31
16	256	44	48	27	31
17	116	45	40	27	30
18	129	48	56	27	30
19	76	46	41	27	30
20	52	45	39	28	30
21	50	40	38	27	30
22	46	60	41	28	30
23	39	81	38	28	29
24	37	105	36	33	29
25	35	59	36	32	29
26	35	52	34	29	29
27	33	46	33	29	29
28	34	45	74	28	29
29	34	44	40	28	29
30	35	40	38	26	29
31	71	---	35	26	---
Mean	69	71	42	29	31
Max.	610	290	74	33	36
Min.	27	40	33	26	27
A.F.	4240	4230	2570	1770	1860

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH
Sec. 17-13-29 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	9	9	7	9	10	9	10	12	10	8	8
2	9	10	9	7	9	10	9	9	14	10	9	7
3	7	10	9	7	9	11	9	9	12	9	10	9
4	8	10	8	7	10	9	9	8	11	9	8	9
5	8	10	9	7	9	9	9	8	10	9	8	8
6	8	9	9	7	9	9	9	8	10	9	7	8
7	8	9	9	7	9	9	9	8	16	9	7	8
8	8	10	9	7	9	9	9	8	32	9	7	8
9	8	10	10	7	9	9	9	8	16	9	7	8
10	8	10	10	7	9	9	9	8	15	9	7	8
11	8	9	9	7	9	9	9	8	13	9	7	8
12	8	9	9	7	9	9	9	7	13	8	8	8
13	8	9	8	7	9	9	8	8	11	8	8	8
14	8	9	8	7	10	9	8	13	10	9	8	8
15	8	9	8	7	9	9	8	20	9	10	8	8
16	8	9	7	7	7	9	8	16	9	10	8	8
17	7	9	8	7	9	9	8	14	9	10	8	8
18	8	9	8	7	9	9	8	13	9	11	8	8
19	8	9	8	7	10	9	8	13	9	10	8	8
20	9	9	8	7	10	9	8	12	8	11	8	8
21	9	10	8	7	10	9	9	12	8	10	8	8
22	8	9	7	7	10	9	8	12	10	11	8	8
23	8	9	7	7	9	9	9	11	26	11	8	9
24	8	9	6	7	9	9	9	9	12	11	9	9
25	7	10	7	8	9	9	9	11	10	10	10	8
26	8	10	7	8	9	9	9	10	10	10	11	8
27	9	10	6	8	10	9	10	9	10	10	11	8
28	9	9	7	8	10	10	10	9	10	13	11	7
29	10	9	7	8	9	9	11	8	9	10	10	7
30	9	10	6	8	---	9	10	9	9	10	8	7
31	10	9	6	9	---	9	---	16	---	9	8	7
Mean	8	9	8	7	9	9	9	10	12	10	8	8
Max.	10	10	10	9	10	11	11	20	32	13	11	9
Min.	7	9	6	7	9	9	8	7	8	8	7	7
A.F.	500	560	490	450	520	560	530	640	720	600	510	480

Total acre-feet 6560

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER BELOW CHAMPION
 Sec. 22-6-39 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	31	37	51	51	39	19	52	107	43	28	60
2	55	33	37	51	54	31	31	45	90	48	37	62
3	53	32	37	50	55	27	22	45	117	42	39	67
4	51	33	41	51	55	37	28	47	140	42	32	88
5	53	37	30	50	56	41	29	43	92	44	38	97
6	52	40	54	49	56	37	30	43	72	45	37	102
7	49	40	59	49	55	37	32	40	73	45	38	83
8	49	40	51	52	54	37	32	39	65	44	40	70
9	51	50	53	53	56	38	35	32	65	53	32	64
10	48	51	50	56	58	44	40	32	67	51	41	53
11	48	58	53	53	56	55	43	38	68	49	61	53
12	46	58	52	54	58	68	46	22	63	47	92	70
13	44	60	53	54	59	58	44	42	62	46	98	67
14	43	56	55	54	56	55	45	53	51	46	96	63
15	42	56	51	56	59	60	43	133	49	51	78	62
16	43	56	51	56	54	54	47	103	38	50	64	59
17	40	56	54	56	58	55	38	100	43	50	49	61
18	35	47	51	57	57	55	33	89	51	50	50	57
19	35	47	51	56	62	57	30	70	44	49	56	58
20	34	46	52	56	58	34	36	312	43	51	61	58
21	31	44	55	53	57	35	30	200	46	48	57	56
22	30	44	48	57	61	29	46	100	88	49	54	59
23	33	37	54	54	56	29	51	83	206	50	56	57
24	29	59	49	55	36	27	52	78	246	48	55	59
25	29	60	52	55	32	30	55	73	134	46	55	57
26	25	54	53	35	41	30	48	71	114	41	51	58
27	26	58	52	34	29	32	59	64	92	41	60	57
28	29	41	49	52	32	20	50	54	75	39	58	57
29	27	33	52	61	.....	33	48	57	63	34	58	57
30	30	37	52	60	.....	26	51	59	32	32	62	56
31	27	.....	50	54	.....	34	.....	96	.....	27	58	.....
Mean	40	47	50	53	52	40	40	75	83	45	54	64
Max.	55	60	59	61	62	68	59	312	246	53	96	102
Min.	25	31	30	34	29	20	19	29	32	27	28	53
A.F.	2470	2780	3050	3240	2920	2470	2370	4610	4950	2780	3350	3820

Total acre-feet 38810

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER AT IMPERIAL
 Sec. 3-5-38 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	79	61	64	79	80	62	65	70	138	85	58	80
2	69	65	72	77	75	74	62	92	143	61	36	85
3	77	68	68	78	82	60	57	83	124	67	94	99
4	78	60	66	80	80	75	57	75	157	69	77	103
5	74	62	61	83	92	76	53	73	147	80	66	117
6	78	66	78	83	88	66	53	80	115	75	61	138
7	75	60	77	77	85	67	62	73	104	73	48	147
8	76	69	88	88	79	63	72	56	104	64	59	112
9	74	85	85	76	88	72	72	73	103	63	75	103
10	74	83	91	84	87	59	62	79	97	70	78	111
11	75	79	82	85	79	65	72	72	103	89	78	86
12	79	77	83	87	88	82	82	64	104	87	102	87
13	78	79	78	85	87	86	86	63	93	75	135	109
14	82	84	82	80	85	86	84	104	91	79	132	107
15	38	97	82	86	84	85	77	192	86	67	122	107
16	92	91	78	94	92	78	86	173	82	75	112	85
17	84	87	82	85	92	75	78	139	70	76	88	100
18	78	86	85	74	92	77	91	126	62	86	74	99
19	77	86	78	83	93	91	69	115	88	68	77	93
20	65	74	85	93	94	82	67	133	89	86	89	93
21	64	65	82	87	82	60	67	256	89	83	80	89
22	66	80	78	58	92	62	65	256	104	77	84	82
23	33	69	83	98	93	64	53	173	153	78	87	83
24	40	66	83	92	88	57	94	153	272	76	94	91
25	69	79	83	76	75	48	78	142	215	87	89	93
26	70	84	75	82	58	54	99	128	156	80	78	94
27	57	83	70	76	53	53	89	118	145	76	83	91
28	59	94	73	65	67	62	95	109	129	69	88	88
29	49	80	78	72	.....	68	80	83	120	65	86	82
30	53	61	82	84	.....	68	68	83	89	62	87	85
31	53	.....	79	87	.....	63	.....	115	.....	65	103	.....
Mean	68	76	78	82	83	69	73	136	119	75	84	97
Max.	92	97	91	98	94	91	99	936	272	89	135	147
Min.	33	60	61	58	53	48	53	56	62	61	36	80
A.F.	4200	4530	4800	5030	4620	4240	4350	8390	7100	4630	5200	5800

Total acre-feet 62890

REPORT OF THE STATE ENGINEER

 ENDERS RESERVOIR STORAGE IN ACRE-FEET
 From Frenchman River—Sec. 9-5-37 W.
 Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		1059	4637	8527	11906	15238	17648	19950	25985	30368	31610	31610
2		1167	4716	8648	12118	15310	17695	20000	25985	30462	31610	31680
3		1263	4834	8769	12314	15390	17743	20050	26050	30600	31675	31960
4		1363	4953	8829	12418	15507	17790	20100	26420	30735	31675	32170
5		1488	5076	9011	12520	15570	17840	20130	26610	30735	31750	32300
6		1578	5160	9071	12680	15650	17890	20170	26920	30735	31610	32440
7		1694	5244	9261	12830	15740	17940	20120	27040	30800	31545	32590
8		1771	5412	9324	12910	15785	17990	20010	27170	30870	31480	33135
9		1895	5544	9451	13070	15875	18090	19910	27230	30870	31545	33350
10		1999	5676	9577	13140	15938	18140	19769	27290	30670	31545	33420
11		2132	5852	9704	13260	16001	18190	19747	27420	30670	31545	33490
12		2269	5946	9836	13364	16055	18290	19747	27795	30800	31480	33560
13		2385	6088	9968	13460	16170	18510	19747	27857	30948	31480	33560
14		2508	6182	10100	13564	16281	18580	19747	27920	30940	31545	33560
15		2635	6324	10170	13668	16389	18680	20510	27920	31005	31610	33635
16		2767	6473	10300	13790	16488	18780	21025	27981	31070	31610	33710
17		2902	6583	10430	13942	16605	18900	21300	28115	31140	31750	33850
18		3071	6722	10570	14094	16727	19013	21510	28310	31210	31890	33900
19		3214	6873	10640	14253	16859	19057	21675	28375	31275	31960	34140
20		3336	6978	10780	14369	16920	19110	21840	28440	31340	32030	34280
21		3428	7134	10840	14490	17000	19180	23080	28570	31410	31960	34350
22		3521	7239	10980	14548	17100	19250	24120	28690	31480	31960	34350
23		3648	7398	11050	14620	17140	19320	24600	28885	31545	31960	34350
24		3744	7519	11190	14745	17200	19370	24890	29015	31610	31890	34420
25		3840	7634	11340	14870	17256	19460	25070	29080	31610	31890	34492
26		3977	7749	11480	15085	17310	19500	25130	29675	31680	31890	34565
27		4118	7864	11550	15148	17370	19695	25310	30000	31680	31820	34710
28		4260	8001	11630	15193	17410	19800	25800	30195	31750	31675	34860
29		4410	8111	11644		17464	19850	25920	30325	31750	31675	34860
30	864	4560	8237	11693		17550	19900	25920	30462	31750	31675	34860
31	959		8410	11864		17600		25985		31750	31675	

 DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR ENDERS
 Sec. 10-5-37 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	99	2	3	3	4	5	6	25	9	8	70	76
2	92	2	3	3	4	5	6	24	8	8	57	15
3	94	2	3	3	5	5	6	30	8	8	9	12
4	93	2	3	3	5	5	6	40	8	9	42	10
5	95	2	3	3	5	5	7	41	8	9	52	9
6	94	2	3	3	5	5	6	62	8	9	52	9
7	96	2	3	3	5	5	6	90	8	9	52	14
8	92	2	3	3	5	5	6	94	8	9	53	11
9	96	2	3	3	5	5	6	94	8	46	53	10
10	87	2	3	3	5	5	6	86	8	62	67	10
11	91	2	3	3	5	5	6	83	7	10	74	12
12	93	2	3	3	4	5	5	85	7	9	73	11
13	95	2	3	3	4	5	5	88	7	9	34	11
14	95	2	3	3	4	5	5	6	7	9	8	10
15	80	2	3	3	4	5	5	15	7	7	8	10
16	74	2	3	3	4	5	5	6	7	9	8	10
17	98	2	3	3	4	5	5	6	7	7	9	8
18	91	2	3	3	4	5	5	6	7	7	10	8
19	92	2	3	3	4	5	5	6	7	7	10	41
20	83	2	3	3	4	5	6	7	9	7	10	66
21	78	2	3	3	4	4	6	7	7	8	10	74
22	84	3	3	3	4	4	6	7	7	8	10	75
23	34	3	3	3	4	5	6	6	7	8	10	74
24	4	3	3	3	4	5	6	25	7	8	10	74
25	3	3	3	3	4	6	6	25	7	8	10	74
26	3	3	3	3	4	6	6	32	7	8	10	74
27	3	3	3	3	4	5	6	23	7	8	10	73
28	3	3	3	3	4	5	6	23	7	8	10	73
29	3	3	3	3	4		6	23	7	7	10	73
30	2	3	3	3	4		7	24	7	8	50	72
31	2		3	3	4		6		8	70	73	
Mean	66	2	3	3	4	5	6	11	34	8	16	55
Max.	99	3	3	3	6	6	7	32	94	9	75	76
Min.	2	2	2	3	3	4	5	6	7	7	8	9
A.F.	4050	134	175	225	271	350	632	2090	459	954	3400	759

Total acre-feet 13500

BUREAU OF IRRIGATION

489

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR HAMLET
Sec. 29-5-34 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	107	24	27	28	27	30	28	51	38	38	74	132
2	112	25	28	28	30	29	29	51	40	38	117	878
3	106	25	31	28	30	31	29	49	39	36	322	132
4	105	25	30	29	30	31	28	48	38	37	70	79
5	106	25	25	33	33	30	29	54	37	36	67	64
6	106	25	20	32	34	29	29	53	130	35	70	65
7	102	25	25	32	32	29	29	60	205	34	70	384
8	104	26	28	28	31	28	28	84	112	33	69	157
9	103	27	31	40	31	26	28	88	64	33	72	76
10	103	31	31	36	30	27	28	89	77	52	74	63
11	99	34	31	34	30	27	29	84	49	84	85	57
12	100	30	33	34	30	28	28	82	45	53	90	58
13	100	30	32	34	32	33	27	85	41	43	89	52
14	101	28	31	34	38	32	26	231	40	41	88	50
15	104	28	30	34	40	31	26	439	39	38	72	49
16	96	27	28	33	38	30	26	108	39	38	51	48
17	84	28	26	30	33	30	26	64	144	43	44	47
18	106	28	27	28	32	30	26	54	48	46	42	45
19	101	28	25	28	31	30	27	47	39	38	41	45
20	101	28	25	29	31	28	28	109	39	38	53	43
21	95	29	25	31	31	28	30	230	38	340	78	41
22	90	28	25	31	31	30	30	101	101	349	94	41
23	92	30	25	29	31	30	28	64	49	69	96	41
24	70	32	25	29	31	30	26	56	43	51	97	39
25	37	38	24	29	30	30	33	52	41	44	97	39
26	34	39	24	30	30	30	65	49	40	40	97	39
27	30	30	26	25	30	30	68	44	39	38	99	39
28	28	29	27	20	31	30	55	41	39	36	98	39
29	27	29	27	20	.....	29	52	40	38	35	95	39
30	26	28	27	20	.....	28	52	39	38	36	95	39
31	25	27	25	28	.....	28	.....	39	.....	47	96	.....
Mean	84	29	27	30	32	29	33	87	59	62	87	97
Max.	112	39	33	40	40	33	68	439	205	349	322	878
Min.	25	24	20	20	27	26	26	39	37	33	41	39
A.F.	5160	1700	1680	1830	1760	1810	1970	5330	3510	3810	5360	5790

Total acre-feet 39710

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER AT PALISADE
Sec. 36-5-34 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	110	26	32	30	25	34	30	51	47	44	77	118
2	112	24	32	30	25	34	30	52	47	43	83	843
3	110	23	30	31	30	32	31	52	46	42	301	211
4	106	30	32	33	30	34	31	52	44	40	107	116
5	108	32	30	32	30	34	32	57	44	39	86	88
6	108	24	25	34	35	34	34	59	52	40	88	82
7	104	22	20	30	35	34	32	60	294	39	86	270
8	105	22	25	30	35	33	30	78	157	36	83	266
9	107	17	30	35	35	32	30	77	89	34	84	100
10	105	18	35	40	39	34	30	76	105	49	86	82
11	101	32	35	35	34	25	29	75	73	85	91	71
12	95	34	37	35	32	13	30	73	65	60	100	64
13	96	33	39	35	30	30	30	76	61	46	97	62
14	98	33	37	35	35	36	30	146	58	42	98	56
15	99	34	34	35	40	33	29	512	55	40	89	54
16	100	34	33	35	45	33	29	192	54	39	66	52
17	84	34	32	32	42	32	29	92	337	50	58	51
18	100	34	32	30	35	31	29	76	200	65	54	51
19	101	34	32	29	34	32	28	68	61	46	52	49
20	102	32	32	29	34	32	28	92	58	43	54	49
21	102	34	32	27	34	33	28	310	55	84	67	48
22	98	34	32	32	33	34	30	148	114	582	72	48
23	97	30	32	32	32	33	30	89	61	97	76	49
24	88	22	32	30	34	32	30	73	57	69	79	49
25	59	32	32	30	34	33	30	65	52	58	77	49
26	48	40	31	31	33	34	58	60	49	51	79	48
27	43	36	30	28	34	34	92	57	48	46	77	46
28	40	34	32	15	39	32	61	52	48	43	76	45
29	42	32	32	18	.....	31	54	51	46	42	76	45
30	38	32	32	20	.....	32	52	49	45	40	74	45
31	32	31	20	.....	.....	32	.....	48	.....	42	74	.....
Mean	88	30	32	30	34	32	36	97	84	67	86	107
Max.	112	40	39	40	45	36	92	512	337	582	301	843
Min.	32	17	20	15	25	13	28	48	44	34	52	45
A.F.	5430	1780	1950	1860	1890	1970	2110	5990	5000	4120	5290	6360

Total acre-feet 43750

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER AT CULBERTSON
Sec. 17-3-31 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	51	97	92	37	119	82	35	106	144	62	54
2	76	70	91	96	37	108	84	30	123	113	62	1220
3	84	77	91	91	51	98	85	27	124	111	123	533
4	81	80	92	90	62	100	86	26	123	100	191	480
5	79	85	77	88	75	100	92	27	118	92	81	247
6	81	86	68	85	87	100	94	28	97	78	113	245
7	85	90	75	80	99	98	92	28	172	67	80	354
8	84	92	85	72	122	102	97	27	526	59	67	664
9	82	90	95	73	130	100	97	29	334	59	64	390
10	80	85	100	84	123	92	102	30	232	59	59	297
11	69	85	101	81	121	94	102	30	276	135	57	232
12	66	91	101	84	113	78	96	30	203	133	58	186
13	58	90	103	84	110	80	96	31	167	124	65	178
14	53	90	106	81	105	91	92	143	157	98	483	167
15	55	85	97	84	102	94	88	548	142	102	70	147
16	59	85	94	94	103	92	82	878	130	91	61	142
17	61	86	94	98	105	92	77	427	1000	382	48	137
18	111	90	94	94	111	94	65	326	2260	628	45	133
19	120	90	88	91	113	94	52	237	326	131	44	130
20	129	90	84	86	116	96	45	245	245	106	45	128
21	132	90	84	80	116	92	39	547	227	96	46	131
22	107	90	84	78	118	94	40	321	255	650	51	133
23	103	85	85	90	119	96	34	320	250	355	57	124
24	81	95	86	86	119	96	31	297	278	184	57	126
25	75	105	88	85	113	97	29	210	222	144	53	131
26	58	111	88	84	108	97	28	146	212	130	54	133
27	52	106	85	77	110	81	82	138	273	102	54	133
28	52	103	81	65	114	86	53	124	115	84	56	131
29	43	98	85	34	---	84	46	114	169	72	55	126
30	41	98	86	34	---	88	43	123	159	64	53	121
31	49	90	90	37	---	90	---	119	---	62	52	---
Mean	77	89	90	80	101	95	71	182	304	153	80	245
Max.	132	111	106	98	130	119	102	878	2260	650	483	1220
Min.	41	51	68	34	37	78	28	26	97	59	44	54
A.F.	4730	5290	5500	4920	5630	5820	4230	11190	18090	9430	4890	14580

Total acre-feet 94300

DISCHARGE IN SECOND-FEET OF GERING DRAIN NEAR GERING
Sec. 6-21-54 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	61	43	47	48	33	28	25	22	53	47	67	85
2	58	45	37	41	34	29	25	22	46	41	64	87
3	4	46	37	36	29	29	25	22	60	36	74	270
4	56	49	37	39	28	28	25	22	46	33	83	109
5	56	48	35	37	29	28	26	23	43	35	78	103
6	54	46	35	33	29	28	25	24	46	35	76	97
7	57	51	36	33	28	30	24	23	61	35	77	103
8	55	50	36	32	32	29	24	22	57	37	76	80
9	51	48	37	32	29	29	24	23	53	38	74	85
10	49	46	37	32	29	29	25	24	42	41	72	83
11	54	44	39	32	30	28	23	24	61	53	77	72
12	56	42	43	32	30	28	23	23	58	72	80	69
13	54	42	40	36	29	29	23	23	48	60	78	68
14	54	41	38	38	31	29	23	75	37	58	77	64
15	68	45	37	37	33	29	24	46	32	62	76	64
16	56	44	36	41	33	29	24	62	30	57	78	72
17	52	42	35	37	32	29	24	56	37	63	76	78
18	48	43	36	33	32	29	24	48	40	78	72	80
19	54	42	35	32	29	29	24	41	57	62	73	108
20	55	42	39	32	29	29	26	37	41	65	68	91
21	52	41	42	34	31	30	26	45	55	77	73	76
22	50	40	37	36	31	29	25	37	89	80	85	80
23	57	39	37	37	31	27	26	46	96	81	77	76
24	54	38	37	37	31	26	28	40	64	81	76	78
25	53	37	37	34	30	26	26	37	101	76	74	74
26	56	37	37	33	30	26	26	37	51	73	73	72
27	54	38	35	32	30	26	26	41	52	73	73	84
28	48	37	36	32	29	26	24	53	46	70	69	81
29	53	45	38	30	---	26	23	48	45	68	74	58
30	54	53	41	30	---	26	23	30	44	63	72	43
31	54	44	45	32	---	26	25	36	53	65	70	---
Mean	54	44	38	35	30	28	25	36	53	58	75	86
Max.	68	53	47	48	34	30	26	75	101	81	85	270
Min.	45	37	35	30	26	26	23	22	30	33	64	43
A.F.	3330	2590	2330	2140	1690	1720	1470	2190	3140	3600	4590	5140

Total acre-feet 33930

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF HORSE CREEK NEAR LYMAN
Sec. 25-23-58 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	116	56	43	28	20	23	20	14	87	258	155	172
2	114	53	41	27	24	24	19	12	113	226	172	147
3	106	49	38	31	36	20	20	12	143	192	165	622
4	101	51	41	27	45	21	20	12	127	148	165	469
5	98	51	31	25	35	24	20	13	113	99	166	424
6	90	50	47	23	25	23	22	14	102	66	163	360
7	87	49	59	20	24	21	20	14	100	58	149	410
8	87	49	36	22	38	19	19	13	112	51	110	422
9	83	39	36	27	43	20	20	13	116	51	97	399
10	81	45	38	25	52	20	24	13	124	56	104	363
11	79	48	42	28	45	20	22	18	158	74	92	388
12	78	49	42	28	33	20	20	25	168	107	89	363
13	78	48	40	25	23	20	21	166	135	114	89	310
14	76	49	35	30	24	22	18	275	107	163	87	271
15	75	53	36	29	31	20	17	197	120	168	84	248
16	73	45	38	29	32	20	18	262	92	175	80	230
17	72	48	37	28	32	20	18	246	97	170	79	240
18	70	47	37	29	30	20	17	180	126	116	77	240
19	69	45	36	28	29	20	17	98	178	103	77	269
20	67	40	36	25	26	24	18	88	165	97	81	291
21	66	46	35	26	26	25	19	73	175	107	82	324
22	65	43	33	29	26	26	16	59	192	116	78	334
23	64	31	34	26	24	22	21	96	286	125	74	344
24	62	43	33	27	26	22	21	90	334	118	84	363
25	62	43	33	30	24	22	23	97	413	114	98	369
26	60	46	32	31	23	22	20	104	430	116	94	300
27	57	48	30	22	24	20	22	109	416	104	104	236
28	56	46	30	18	22	20	16	130	344	277	107	328
29	58	44	31	18	---	19	14	113	315	168	102	317
30	58	43	29	19	---	20	14	58	296	158	104	204
31	58	---	31	19	---	20	---	46	---	119	108	---
Mean	76	47	37	26	30	21	19	86	189	129	107	325
Max.	116	56	59	31	52	26	24	275	430	277	172	622
Min.	56	31	29	18	20	19	14	12	87	51	74	147
A.F.	4690	2770	2260	1580	1670	1310	1130	5280	11270	7960	6580	19350

Total acre-feet 65850

DISCHARGE IN SECOND-FEET OF
INDIAN CREEK NEAR NORTH-
PORT—Sec. 19-20-50 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	4	32	46	23	25
2	4	46	9	22	24
3	5	40	9	19	23
4	5	38	8	21	22
5	21	10	7	14	20
6	5	45	6	23	21
7	12	45	5	22	23
8	8	46	17	23	22
9	7	50	11	24	28
10	10	35	14	27	27
11	10	40	14	27	28
12	10	44	5	28	29
13	7	48	12	30	36
14	11	43	10	30	33
15	12	42	7	31	34
16	10	45	5	31	27
17	6	37	5	31	30
18	12	37	6	30	30
19	10	45	1	32	31
20	23	37	2	33	33
21	15	48	1	33	35
22	20	37	1	30	36
23	13	39	1	35	34
24	17	40	1	28	34
25	27	38	1	34	37
26	20	87	1	29	34
27	18	28	1	26	27
28	9	28	3	25	31
29	12	32	7	23	28
30	22	34	6	28	32
31	31	---	5	25	---
Mean	13	41	7	27	29
Max.	31	87	46	35	37
Min.	4	10	1	14	20
A.F.	790	2410	450	1650	1730

DISCHARGE IN SECOND-FEET OF
LINCOLN COUNTY DRAIN NO. 1
NEAR NORTH PLATTE
Sec. 30-14-30 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	27	63	72	61	104
2	30	62	70	65	116
3	29	62	70	61	113
4	29	61	66	65	114
5	29	60	66	68	107
6	28	58	65	66	97
7	28	65	66	79	86
8	26	227	64	70	86
9	28	109	61	79	85
10	29	96	72	79	85
11	29	88	63	80	83
12	43	104	61	82	83
13	45	93	61	85	80
14	175	92	61	90	78
15	376	86	59	103	79
16	125	83	59	100	82
17	125	86	59	105	85
18	113	81	81	103	85
19	103	78	72	103	83
20	98	77	67	100	82
21	94	74	63	83	81
22	88	92	60	100	76
23	85	104	58	105	80
24	88	82	59	109	79
25	79	82	61	120	76
26	74	78	59	117	80
27	74	85	57	116	77
28	71	73	74	113	77
29	67	73	65	110	77
30	65	71	63	110	77
31	63	---	63	104	---
Mean	76	85	64	92	87
Max.	376	227	81	120	116
Min.	26	58	57	61	76
A.F.	4690	5050	3960	5640	5150

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK AT BUSHNELL
Sec. 33-15-57 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	9	8	10	8	11	10	9	10	11	8	10
2	11	9	8	9	8	11	10	9	10	11	7	9
3	12	9	8	9	7	9	10	9	10	11	8	9
4	12	9	8	9	8	9	10	9	9	11	9	9
5	11	9	7	9	8	10	10	9	9	10	8	9
6	11	9	8	9	8	12	10	9	9	9	8	9
7	10	9	7	8	9	11	10	10	9	9	8	909
8	10	9	8	9	11	10	10	10	10	8	8	379
9	9	9	9	10	11	9	10	10	10	8	8	79
10	9	9	9	9	13	9	11	10	24	8	8	35
11	9	9	9	9	12	9	11	10	39	9	8	25
12	9	9	9	9	13	9	10	10	44	11	8	21
13	9	10	9	9	8	9	11	9	13	11	8	19
14	9	10	9	9	8	10	11	9	11	10	8	18
15	9	9	9	9	9	10	10	9	11	9	8	17
16	10	9	9	10	10	9	10	9	11	9	8	16
17	10	8	10	11	10	8	10	9	11	9	8	16
18	10	9	10	11	11	9	10	9	11	9	7	16
19	9	9	10	10	11	8	10	9	11	8	7	15
20	9	9	11	8	10	10	10	9	11	8	7	14
21	9	10	11	9	11	10	10	9	12	13	8	14
22	9	11	11	9	11	11	10	9	40	74	9	14
23	9	9	10	11	10	10	10	9	82	22	9	14
24	9	8	12	13	11	9	10	9	22	16	9	13
25	10	9	12	13	12	10	10	8	16	12	9	13
26	9	10	11	14	12	11	11	8	14	11	8	13
27	9	10	10	14	11	10	11	8	12	10	8	12
28	8	10	10	10	11	10	10	8	11	9	8	12
29	8	10	10	10	10	10	10	8	11	8	8	12
30	9	9	10	9	10	10	9	8	11	9	8	12
31	9	9	10	8	10	10	8	8	8	8	8	8
Mean	10	9	9	9	10	10	10	9	17	12	8	59
Max.	12	11	12	14	13	12	11	10	82	74	9	909
Min.	8	8	7	8	7	8	9	8	9	8	7	9
A.F.	591	547	583	610	560	603	600	558	1020	757	492	3500

Total acre-feet 10420

OLIVER RESERVOIR STORAGE IN ACRE-FEET
From Lodgepole Creek—Sec. 36-15-57 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4660	.....	5070	.....	.....
2	4420	.....	.....	4910	.....	1870
3	3810	.....	.....	.....	.....	.....	.....	.....	.....	4870	2810	2610
4	3580	.....	.....	.....	.....	.....	4680	.....	.....	.....
5	4010	4290	.....	.....	.....	.....	.....	1740
6	3330	.....	.....	.....	.....	.....	4680	.....	4710	2660	1670
7	4660	.....	.....	3820
8	3850	.....	.....	.....	.....	.....	4230	.....	4090
9	4480	.....	.....	.....	2580	4080
10	3800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4030
11	3620	.....	.....	.....	.....	.....	4770	.....	.....	.....
12	4310	.....	.....	4850	.....	.....	.....
13	4090	.....	.....	.....	.....	3900	2430	.....
14	3380	.....	.....	.....	.....	.....	4650	.....	.....	.....	3950
15	3890	.....	.....	.....	.....	.....	.....	.....	.....
16	3800	.....	.....	.....	.....	.....	4540	.....	.....	.....	.....	.....
17	2270	3800
18	3690	.....	.....	.....	.....	.....	4900	.....	.....	.....
19	4350	.....	.....	.....	.....	.....	.....
20	3440	.....	.....	4160	.....	.....	.....	.....	3440	2110	.....
21	4690	.....	.....	.....	3620
22	3930	.....	.....	.....	.....	4930	.....	.....	.....
23	3390	.....	.....	.....	.....	.....	.....	.....	5050	3390	.....	.....
24	4590	.....	5080	.....	2010	3540
25	5080	.....	.....	.....
26	4230	.....	.....	.....	.....	.....	.....	.....
27	4400	.....	.....	.....	3210	1980	.....
28	4670	.....	.....	.....	.....
29	5070	.....	.....	3430
30	4650	.....	.....	3030	.....	3400
31	3970	.....	.....	.....	.....	.....	.....	1810	.....

DISCHARGE IN SECOND-FOOT OF
LODGEPOLE CREEK BELOW
OLIVER RESERVOIR AND NEW
RUTTNER DIVERSION DAM
Sec. 31-15-56 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	4	1	1	4	4
2	4	2	1	4	3
3	4	1	1	4	3
4	4	3	1	4	3
5	4	3	1	5	3
6	4	3	2	4	3
7	4	3	4	4	3
8	4	3	4	4	3
9	4	2	4	4	3
10	4	0	4	4	3
11	4	5	4	4	4
12	4	4	4	4	4
13	4	4	4	4	4
14	4	4	4	4	1
15	4	4	4	4	1
16	4	4	4	4	1
17	4	4	4	4	1
18	4	4	4	4	1
19	4	4	4	4	1
20	4	4	3	4	1
21	4	4	3	4	1
22	4	4	3	4	1
23	4	5	4	4	3
24	4	4	4	5	2
25	4	4	4	9	3
26	1	4	4	6	1
27	1	4	4	7	1
28	1	4	3	7	1
29	1	4	4	9	1
30	1	1	3	4	1
31	1	3	3	3	2
Mean	3	3	3	5	2
Max.	4	5	4	9	4
Min.	1	0	1	3	1
A.F.	210	200	190	280	130

DISCHARGE IN SECOND-FOOT OF
LODGEPOLE CREEK ABOVE
BENNETT RESERVOIR
Sec. 28-15-55 W.
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	8	4	5	4	2
2	8	4	5	6	25
3	8	3	4	5	22
4	8	7	4	5	9
5	8	8	5	5	9
6	7	7	1	5	9
7	8	6	0	8	9
8	6	7	0	8	9
9	6	9	0	6	9
10	6	10	0	6	11
11	6	29	0	6	10
12	9	50	5	4	10
13	4	15	6	5	13
14	4	12	5	6	8
15	4	0	5	5	8
16	26	6	3	5	7
17	8	7	4	5	7
18	6	6	4	4	7
19	6	3	4	3	7
20	6	4	0	1	6
21	6	4	2	0	7
22	6	7	4	0	7
23	6	11	4	0	8
24	6	12	4	0	8
25	6	11	1	1	6
26	7	10	1	1	6
27	9	9	5	1	7
28	9	8	5	1	6
29	2	8	6	0	6
30	2	5	6	0	6
31	7	9	4	2	9
Mean	7	9	6	8	25
Max.	26	50	6	8	2
Min.	2	0	0	0	2
A.F.	420	560	210	220	520

BENNETT RESERVOIR STORAGE IN ACRE-FEET
A-657, A-1974 on Lodgepole Creek—Sec. 22-15-55 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								1110				
2	560						960					
3										1000		
4												
5					790	840			930			830
6		720						1020			900	
7												
8				770								
9							990					
10	620									970		
11			780									890
12						870			1090			
13					820				1090			
14		760									860	
15				780				890				
16	640											
17							1030			960		
18			780									940
19						900			1220			
20		780			830							
21											771	
22				800				960	1110			
23	670									930		
24												
25							1070					950
26					830				1230			
27						940						
28											750	
29								900				
30												970
31				800						920		

DISCHARGE IN SECOND-FEET OF LOGAN CREEK NEAR UEHLING
Sec. 16-20-8 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	61	45	60	43	91	228	1280	592	180	118	346
2	98	61	45	62	44	65	208	1040	1710	229	116	295
3	92	67	45	60	45	59	193	573	764	4900	115	273
4	102	71	47	60	47	65	181	360	384	2050	115	252
5	91	71	45	58	47	55	178	288	282	696	113	250
6	79	66	40	62	48	55	185	254	248	410	111	242
7	74	62	38	59	49	60	214	226	265	346	108	228
8	68	61	48	51	50	60	240	214	323	278	108	210
9	64	60	51	54	44	60	238	293	323	242	105	879
10	61	48	53	54	45	60	252	528	372	218	109	2900
11	62	50	55	54	48	60	218	461	246	228	108	947
12	60	60	56	54	51	60	193	358	218	284	112	1650
13	60	70	56	54	58	60	180	263	234	431	904	2020
14	60	70	57	54	61	60	172	242	200	321	1730	836
15	61	73	59	55	50	60	250	240	242	263	3400	516
16	60	60	55	55	65	65	204	308	335	222	1540	351
17	61	52	54	58	71	67	167	365	240	202	1110	304
18	61	50	56	58	74	68	162	254	946	330	896	278
19	60	50	57	50	81	68	153	250	1580	308	544	263
20	60	40	57	44	81	68	150	216	2370	210	2590	246
21	59	32	58	40	94	68	242	242	929	171	4100	234
22	61	41	58	29	100	68	370	191	532	662	1550	234
23	60	52	61	38	110	300	276	169	310	375	788	228
24	61	50	62	39	118	1500	218	160	425	257	489	226
25	61	50	63	40	132	3000	280	155	458	181	659	248
26	61	50	63	36	147	5000	330	157	310	150	466	252
27	61	50	57	38	130	8140	290	158	293	167	3130	224
28	61	50	49	38	115	4020	933	142	267	145	4820	204
29	61	50	57	32	.....	928	447	125	200	132	1460	193
30	61	50	58	38	.....	428	1630	122	185	128	760	187
31	61	.....	58	42	.....	288	.....	676	.....	122	447	.....
Mean	67	56	54	49	73	807	299	333	526	479	1056	517
Max.	102	73	63	62	147	8140	1630	1280	2370	4900	4820	2900
Min.	59	32	38	29	43	55	150	122	185	122	105	187
A.F.	4100	3330	3300	3030	4060	49600	17780	20450	31310	29430	64900	30780

Total acre-feet 262070

DISCHARGE IN SECOND-FEET OF LONG PINE CREEK NEAR RIVERVIEW
Sec. 5-31-20 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	112	126	116	114	90	109	109	140	604	306	317	126
2	116	126	112	112	90	114	112	132	795	303	268	126
3	112	126	107	114	90	96	114	130	604	303	229	128
4	116	126	112	110	86	100	114	130	314	274	166	158
5	114	126	98	112	90	107	118	128	218	278	122	176
6	112	122	112	103	94	107	140	126	173	259	115	184
7	118	122	110	105	100	107	140	126	177	247	117	181
8	118	122	112	105	94	96	130	128	200	303	108	181
9	118	120	116	107	94	103	120	130	198	312	117	187
10	118	120	118	109	105	101	118	138	177	290	136	223
11	118	120	124	110	107	94	116	138	175	278	140	268
12	118	120	118	110	96	96	112	132	166	256	150	265
13	118	120	116	110	98	98	114	142	164	238	143	271
14	116	120	112	110	98	100	118	216	166	218	179	256
15	114	115	105	114	94	107	110	431	168	184	220	215
16	116	115	109	114	96	110	105	503	164	138	215	181
17	116	115	103	114	96	112	110	691	182	122	200	150
18	118	115	103	112	94	107	109	384	793	122	179	136
19	118	115	101	110	96	101	107	233	623	133	168	126
20	120	115	103	101	94	105	118	202	585	115	1650	128
21	124	114	107	109	94	107	118	276	506	136	569	140
22	122	114	107	109	98	110	118	304	462	150	438	148
23	124	101	105	107	98	110	140	216	479	153	265	158
24	120	110	109	105	98	107	233	166	479	153	173	163
25	122	109	110	105	98	110	265	149	616	153	145	168
26	124	109	105	103	98	112	212	140	954	138	140	173
27	124	110	110	96	101	118	195	134	619	140	128	166
28	120	110	114	90	114	110	202	126	416	145	131	160
29	126	109	116	90	90	.....	105	159	120	351	143	160
30	126	110	116	95	.....	105	147	138	338	136	126	153
31	124	.....	116	95	.....	107	.....	498	.....	132	126	.....
Mean	119	117	110	106	96	106	137	214	396	202	236	175
Max.	126	126	124	114	114	118	265	691	954	312	1650	271
Min.	112	101	98	90	86	94	105	120	164	115	108	126
A.F.	7290	6950	6790	6550	5360	6490	8180	13190	23540	12430	14490	10420

Total acre-feet 121680

BUREAU OF IRRIGATION

495

DISCHARGE IN SECOND-FEET OF LOUP RIVER NEAR GENOA
Sec. 25-17-4 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	34	136	2090	194	64	2110	159	2090	4200	385	73	131	
2	2240	162	2230	334	61	1960	168	2000	2270	443	94	109	
3	2720	286	1400	428	95	2540	179	1650	1880	895	96	76	
4	1200	311	1500	338	148	2580	191	1080	1330	2640	107	136	
5	827	188	1000	296	157	1490	207	675	810	1350	91	101	
6	241	118	500	302	199	2430	495	471	729	972	98	1270	
7	168	107	100	274	283	2270	618	421	760	760	118	675	
8	136	101	100	235	419	2580	604	295	578	520	120	471	
9	151	227	100	213	540	2200	597	244	477	443	144	307	
10	168	1800	100	220	573	1610	427	237	679	571	204	252	
11	157	1100	100	260	519	1200	406	244	1860	835	136	148	
12	148	290	100	311	530	650	460	220	514	1480	118	820	
13	111	729	100	398	605	700	455	157	370	1440	4040	1190	
14	105	618	100	426	597	700	248	176	455	972	3790	333	
15	70	668	184	474	561	800	248	224	953	477	564	267	
16	82	545	377	493	597	2470	248	3440	1620	263	449	204	
17	92	538	672	534	647	4120	259	3830	794	237	182	154	
18	118	356	554	541	677	4310	204	4980	1180	267	154	122	
19	124	352	540	595	783	2930	194	5010	1480	661	101	122	
20	107	2090	437	546	975	2370	224	3780	1040	390	308	98	
21	120	416	632	332	1190	2200	573	2840	683	248	616	84	
22	141	146	912	229	1500	1270	897	2500	794	259	654	105	
23	299	1640	2140	192	2360	2930	668	1880	897	501	259	128	
24	406	810	1910	171	3380	1430	370	1440	1430	179	259	87	
25	295	450	1860	150	3740	853	406	1300	1780	146	844	103	
26	234	430	675	135	3530	683	471	1210	2210	84	777	103	
27	171	406	407	142	3030	483	2700	683	2160	71	477	107	
28	168	2140	402	146	2500	647	3680	320	1060	68	483	113	
29	168	2970	238	74	-----	777	2090	244	752	56	224	82	
30	201	1610	180	65	-----	411	1720	185	526	39	144	79	
31	162	-----	150	61	-----	259	-----	5040	-----	46	126	-----	
Mean	367	725	705	294	1081	1741	-----	672	1576	1209	571	511	266
Max.	2720	2970	2230	595	3740	4310	3680	5040	4200	2640	4040	1270	-----
Min.	34	101	420	61	61	259	159	157	370	39	73	76	-----
A.F.	22580	43120	43350	18080	60030	107000	40010	96920	71940	35100	31440	15820	-----

Total acre-feet 585400

DISCHARGE IN SECOND-FEET OF LOUP RIVER AT COLUMBUS
Sec. 30-17-1 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	209	282	2080	308	154	2420	450	1860	1720	640	251	324
2	1100	244	1540	305	153	2690	460	2670	3220	640	266	311
3	3000	451	1800	405	180	2790	475	1630	1850	655	251	298
4	1200	401	1700	456	196	3100	481	1240	1570	3940	251	290
5	440	445	1920	434	228	2200	518	1090	1150	1650	254	412
6	380	342	678	316	263	1490	648	755	990	943	184	1370
7	286	298	384	321	270	2770	898	763	1000	943	178	1620
8	250	286	343	338	283	2400	890	648	916	715	203	1150
9	254	290	335	337	317	2500	990	481	739	531	244	1020
10	302	2300	324	320	600	2100	943	499	591	577	505	1040
11	298	1100	320	322	550	1500	889	538	3070	898	612	418
12	240	401	317	362	600	900	820	423	1200	1750	254	567
13	222	754	310	401	650	1000	907	338	731	1840	2400	3290
14	212	531	282	478	640	1000	685	380	655	1460	3860	1560
15	190	787	284	517	620	1100	493	371	970	880	1970	1180
16	187	685	263	627	680	3600	451	1880	1980	584	829	854
17	222	715	349	670	700	3000	463	3060	1150	487	1410	493
18	226	626	442	724	736	4700	445	4040	1220	380	779	428
19	282	505	428	702	1020	2800	401	4170	2230	812	605	356
20	254	2600	451	638	1390	2500	434	3570	1740	1070	1740	342
21	233	1500	422	520	1630	1840	570	3370	1170	390	3060	307
22	226	376	1800	443	2780	1890	846	2670	739	324	1890	320
23	258	1110	2500	374	3110	4350	1070	2890	1030	741	1460	371
24	434	1090	2100	319	4500	3970	812	2260	1460	612	916	333
25	469	550	1800	277	5620	1950	715	1690	1840	401	2200	333
26	380	463	980	183	3800	1410	731	1450	1740	412	1950	342
27	290	457	683	157	2930	2180	3430	1340	2320	282	1010	302
28	282	440	552	110	4100	1680	6460	1020	1690	258	763	311
29	258	3500	525	179	-----	1760	2600	655	2830	247	619	294
30	266	1630	379	148	-----	1050	1630	538	747	251	401	240
31	324	-----	371	136	-----	1180	-----	4270	-----	222	352	-----
Mean	425	839	828	382	1389	2259	1053	1695	1649	824	1022	683
Max.	3000	3500	2500	724	5620	4700	6460	4270	7120	3940	3860	3290
Min.	187	244	263	110	153	900	401	338	591	222	178	240
A.F.	26130	49900	50900	23460	77160	138900	62670	104200	98100	50650	62810	40610

Total acre-feet 785500

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR SENECA
Sec. 17-24-31 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	215	199	194	186	194	199	184	218	248	239	210	233
2	207	199	191	186	199	202	174	202	230	239	210	236
3	196	196	191	186	196	186	186	196	221	230	204	254
4	199	194	196	184	204	196	184	196	221	230	196	300
5	202	199	178	184	210	204	178	204	213	221	210	314
6	210	194	194	184	207	199	186	204	213	227	207	304
7	199	191	196	180	194	199	184	196	204	230	202	297
8	202	194	207	180	202	184	176	207	213	224	195	318
9	213	186	196	188	202	181	178	210	215	227	195	311
10	210	188	191	186	207	178	176	207	204	227	195	287
11	210	181	188	199	210	175	171	218	213	215	190	287
12	204	186	194	202	204	170	164	224	202	215	190	277
13	199	196	199	202	199	178	176	224	210	213	190	258
14	199	188	202	202	199	178	181	236	204	213	190	267
15	204	181	188	207	210	178	174	221	204	227	188	245
16	199	178	194	204	210	181	176	218	213	218	196	236
17	202	184	191	202	207	181	184	227	207	218	194	236
18	202	191	191	191	210	174	184	245	213	213	194	239
19	194	191	188	191	207	186	184	264	213	210	194	227
20	196	184	178	188	207	184	184	264	210	210	199	233
21	202	184	178	188	207	181	174	264	215	210	186	221
22	196	191	184	186	202	188	168	258	236	194	188	204
23	194	181	186	184	202	184	181	264	236	202	188	213
24	199	178	191	184	207	184	186	248	230	199	202	218
25	196	186	191	176	202	188	191	258	245	196	213	207
26	194	188	188	178	202	188	194	245	251	196	221	199
27	194	188	191	188	202	186	204	236	261	199	215	186
28	196	191	188	188	199	178	215	242	242	221	215	186
29	191	188	191	188	-----	178	230	242	245	210	224	191
30	188	184	188	194	-----	178	224	249	236	210	224	207
31	188	-----	188	196	-----	184	-----	244	-----	204	233	-----
Mean	200	189	191	190	204	185	185	230	222	216	202	246
Max.	215	199	207	207	210	204	230	264	261	239	233	318
Min.	188	178	178	176	194	170	164	196	202	194	186	186
A.F.	12300	11220	11720	11670	11310	11370	11010	14140	13230	13260	12410	14660

Total acre-feet 148300

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT DUNNING
Sec. 33-22-24 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	347	373	400	397	273	394	367	382	469	394	361	403
2	361	376	400	391	292	397	352	373	409	415	367	379
3	344	352	400	390	342	390	355	367	388	415	373	406
4	341	373	400	390	410	390	355	361	391	373	350	466
5	355	379	100	390	439	406	370	364	391	379	350	536
6	367	373	100	400	451	424	370	350	394	382	358	489
7	361	403	200	400	452	394	370	338	421	388	361	479
8	336	418	300	400	412	380	317	347	466	388	355	466
9	344	350	500	420	429	370	320	361	440	382	370	479
10	344	380	600	415	470	360	338	355	421	412	373	428
11	344	380	600	403	490	350	299	347	421	415	367	409
12	350	360	600	409	546	340	294	344	421	400	358	424
13	344	380	550	415	530	350	302	397	412	373	350	379
14	347	379	482	412	514	355	330	519	440	370	355	367
15	347	373	450	415	528	350	299	513	403	376	352	373
16	352	385	400	418	500	361	269	463	376	391	341	367
17	336	403	390	397	474	391	280	453	350	400	350	367
18	341	368	376	397	455	367	304	476	350	400	355	382
19	341	403	373	388	400	361	302	472	382	361	350	365
20	341	403	400	380	409	364	302	513	370	358	397	373
21	333	370	409	380	412	355	290	513	376	355	364	382
22	317	406	355	380	421	367	290	447	403	373	355	370
23	314	380	379	379	403	403	309	437	434	355	364	364
24	341	350	397	373	406	385	325	434	409	352	388	364
25	338	406	379	376	437	379	341	431	409	341	394	364
26	355	406	368	364	397	394	341	406	431	352	379	379
27	355	388	360	200	382	421	412	373	431	352	385	347
28	344	385	370	250	421	400	403	370	394	370	382	333
29	341	388	394	250	-----	373	403	376	400	424	388	336
30	373	397	376	250	-----	352	397	373	400	367	394	361
31	373	-----	373	270	-----	373	-----	400	-----	364	379	-----
Mean	346	384	393	371	432	377	334	408	407	380	367	399
Max.	373	418	600	420	546	424	412	519	469	424	397	536
Min.	314	350	100	200	273	340	269	338	350	341	341	333
A.F.	21280	22820	24160	22810	23990	23200	19850	25100	24200	23360	22540	23720

Total acre-feet 277000

BUREAU OF IRRIGATION

497

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT WALWORTH
Sec. 1-19-20 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	831	770	655	750	567	770	804	895	895	858	778	895
2	822	702	477	811	605	795	795	955	885	965	778	905
3	813	670	488	686	660	840	786	804	795	985	778	925
4	831	727	475	820	702	897	795	840	858	895	778	985
5	786	736	221	745	830	917	905	876	935	813	778	1210
6	786	761	48	637	876	866	975	727	996	795	778	1070
7	770	831	127	702	900	840	895	744	1080	795	770	996
8	710	831	474	800	870	722	996	778	1310	795	778	996
9	786	885	810	750	863	765	975	694	1220	795	822	945
10	778	880	1170	813	936	850	925	752	1150	945	831	925
11	778	850	1260	752	1100	794	858	876	1040	867	925	905
12	770	890	1270	737	1110	601	822	915	935	786	1110	885
13	804	822	1090	749	865	674	770	1020	795	736	1460	744
14	786	965	970	741	730	817	822	1280	813	786	955	804
15	786	905	859	945	810	885	761	2130	876	813	905	804
16	778	885	933	891	892	960	786	1780	996	831	813	727
17	778	885	883	940	962	900	752	1460	945	849	786	752
18	795	925	917	986	1000	850	786	1400	955	925	744	744
19	813	915	902	987	994	804	831	1370	955	849	727	761
20	786	925	895	516	930	876	905	1400	895	795	930	804
21	752	915	975	655	913	915	849	1320	858	786	814	795
22	736	813	969	830	1050	900	795	1110	905	795	795	752
23	761	746	971	914	1200	900	786	925	858	761	795	804
24	831	562	955	869	1300	900	895	965	761	727	905	778
25	876	756	1020	804	1000	875	945	876	804	718	905	804
26	849	865	611	806	840	875	895	849	849	702	831	895
27	831	920	717	516	849	875	1060	804	975	694	752	774
28	876	975	834	150	858	867	985	770	867	770	718	670
29	778	812	870	189	-----	761	1030	778	831	849	736	770
30	795	679	986	400	-----	831	1010	840	786	858	778	831
31	786	955	955	488	-----	840	-----	813	-----	761	786	-----
Mean	795	827	800	722	900	837	873	1024	927	816	840	855
Max.	876	975	1270	987	1300	960	1060	2130	1310	985	1460	1210
Min.	710	562	48	150	567	601	752	694	761	694	718	670
A.F.	48910	49200	49160	44390	50010	51490	51960	62970	55190	50180	51650	50890

Total acre-feet 616000

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT ARCADIA
Sec. 26-17-16 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1580	787	908	672	198	1180	795	1170	1080	901	624	795
2	1350	738	840	625	403	1250	763	1080	1180	908	595	865
3	1160	754	688	610	589	1080	714	1020	975	1820	560	821
4	995	722	585	667	686	936	779	995	891	1250	521	919
5	966	730	354	776	654	954	812	975	901	1180	514	1090
6	1020	738	150	742	690	906	919	901	812	1200	489	947
7	1090	771	112	638	782	794	910	795	787	1170	483	901
8	1000	763	141	682	802	324	985	706	928	1130	574	856
9	950	650	165	780	840	262	865	730	985	1020	730	779
10	850	500	223	820	872	366	821	901	985	966	668	830
11	812	550	662	896	890	396	891	830	919	966	985	891
12	847	790	1350	882	950	346	891	779	938	919	911	1100
13	838	1000	1360	902	900	339	804	919	812	779	2650	1000
14	882	1180	1300	940	800	633	812	1400	882	722	1140	1000
15	910	1000	1060	925	741	785	738	2460	812	779	856	900
16	985	919	1060	983	822	1200	812	1660	812	795	865	855
17	847	830	915	983	930	1450	795	1550	738	779	804	800
18	800	771	969	954	1010	1260	795	1680	795	910	763	873
19	800	750	865	970	1110	1110	771	1550	830	882	730	900
20	850	880	846	651	1080	1000	856	1390	779	830	1000	900
21	800	1050	890	424	1090	1060	1020	1480	804	1240	876	900
22	800	891	983	439	1100	1220	919	1420	771	928	722	850
23	800	800	951	690	1190	1340	779	1270	891	830	706	800
24	787	400	890	830	1230	1040	838	1340	956	738	910	800
25	779	400	786	845	1380	938	830	1300	771	706	771	1000
26	746	600	679	834	1440	856	873	1200	966	624	714	1000
27	746	800	545	643	1490	882	1200	865	812	602	722	1000
28	746	1000	458	214	1460	985	1120	771	754	610	763	1000
29	746	1000	724	119	-----	873	1100	738	714	691	787	950
30	779	971	858	136	-----	830	1100	804	847	763	787	850
31	779	971	830	144	-----	763	-----	956	-----	699	779	-----
Mean	905	791	747	691	932	883	877	1150	871	914	806	906
Max.	1580	1180	1360	983	1490	1450	1200	2460	1180	1820	2650	1100
Min.	746	400	112	119	198	262	714	706	714	602	483	779
A.F.	55620	47080	45910	42480	51790	54260	52180	70680	51820	56210	49580	53880

Total acre-feet 631500

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND FEET OF LOUP RIVER, MIDDLE, AT LOUP CITY
Sec. 14-15-15 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1290	840	830	815	256	1030	802	1190	1130	1120	643	886
2	1080	872	645	736	351	1000	1120	1010	1210	1260	522	984
3	900	816	536	690	578	1000	914	858	942	2550	499	942
4	970	721	288	668	703	1070	1030	816	830	1390	510	1100
5	956	708	133	800	658	1120	1010	788	788	1220	499	1340
6	1030	747	80	818	684	1020	1280	760	788	1190	488	1260
7	1080	816	69	638	818	906	1430	734	747	1140	488	1140
8	1130	747	92	662	828	606	1260	760	788	1140	510	1070
9	928	600	166	868	842	410	1140	858	802	1190	643	1040
10	844	399	278	874	850	380	1050	900	802	1280	594	998
11	830	477	486	900	880	390	984	774	816	1310	721	998
12	886	952	975	964	890	370	872	747	830	1120	734	1180
13	896	1320	1120	374	900	420	872	956	830	1030	2300	1160
14	942	1140	1240	974	840	670	830	1180	914	886	1190	1010
15	942	1070	1220	885	812	903	872	2310	900	816	958	956
16	950	914	1180	896	828	1160	816	2220	830	858	830	886
17	872	928	1140	980	895	1220	816	1840	774	844	816	774
18	858	816	1100	1020	968	1280	788	1810	942	900	830	802
19	858	630	1090	987	1020	1070	774	1560	844	970	900	844
20	844	570	1020	790	1060	1080	747	1210	858	900	984	830
21	830	942	1010	666	1120	1130	1120	1390	802	998	1020	886
22	830	1040	1050	400	1190	1240	928	1390	774	802	747	914
23	802	800	1010	620	1210	1070	844	1310	914	747	774	942
24	802	600	902	895	1260	830	872	1460	774	721	830	928
25	747	650	736	920	1330	816	970	1340	740	708	760	886
26	830	700	658	948	1360	830	914	1220	1100	695	721	1030
27	816	750	586	848	1390	844	1140	998	998	721	695	1100
28	816	824	590	392	1210	886	1100	830	1120	734	708	1070
29	816	856	626	248	.....	708	1100	830	1080	747	760	1070
30	774	856	700	204	.....	788	1220	830	1100	747	774	1060
31	816	.....	750	200	.....	858	.....	1190	.....	788	788	.....
Mean	902	803	720	754	919	874	987	1164	892	1017	782	1003
Max.	1290	1320	1240	1020	1390	1280	1430	2310	1210	2550	2300	1340
Min.	747	399	69	200	256	370	747	734	740	895	488	774
A.F.	55450	47800	44240	46370	51040	53750	58740	71540	53090	62520	48070	59670

Total acre-feet 652280

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT ST. PAUL
Sec. 10-14-10 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1260	1190	688	1230	286	1990	1140	1750	3780	1170	943	1070
2	2240	1130	964	1250	298	1720	1160	1490	2110	1230	834	1070
3	1840	1050	973	1200	358	1700	1200	1090	1790	3320	799	1260
4	1410	1100	990	975	434	1540	1230	918	1540	3080	755	1200
5	1220	1070	558	870	540	1410	1240	1020	1350	1770	690	1540
6	1200	1050	260	886	691	1530	1280	1050	1410	1530	680	1960
7	1240	1120	230	858	908	1450	1530	1120	1400	1280	690	1650
8	1280	1190	275	858	924	1200	1380	1130	1350	1170	690	1450
9	1090	1100	308	856	1040	800	1200	1140	1540	1220	882	1510
10	1050	1060	353	893	1170	700	1240	1240	1530	1370	1140	1340
11	1120	900	440	921	1250	300	1280	1130	1340	1920	1160	1320
12	1060	1100	527	940	1230	400	1140	995	1320	1540	1400	1610
13	382	1240	626	1040	1200	500	1030	1030	1260	1460	2640	1630
14	930	1300	880	1090	1170	750	1060	1170	1610	1030	3170	1380
15	1020	1320	1230	1110	1220	914	1050	2010	2010	995	1450	1190
16	1030	1190	1360	1170	1160	1660	1070	3390	1370	1100	1010	1340
17	1100	1220	1290	1270	1100	2150	1140	3750	1200	1130	956	1160
18	1070	1320	1330	1350	1220	1600	1100	3480	1280	1230	858	982
19	1010	1070	1310	1330	1330	1200	1010	4330	1900	1230	834	1100
20	1130	1090	1230	1100	1470	1100	1340	3390	1490	1300	882	982
21	1270	1050	1250	1000	1330	1080	1630	2820	1410	1220	1280	1060
22	1340	1240	1300	874	2920	1220	1810	2400	1820	1480	1040	1750
23	1340	800	1360	720	2920	1680	1370	1970	2050	1410	1020	1540
24	1220	358	1380	641	3380	1340	1410	1660	2420	1630	1100	1320
25	1100	258	1270	829	2720	1170	1580	1600	1940	1130	1380	1240
26	1060	375	1200	975	2420	1190	1610	1750	1870	918	1200	1100
27	1130	626	996	902	2130	1260	3230	1540	1640	846	1300	1260
28	1140	700	983	536	2070	1460	2360	1320	1400	846	1140	1230
29	1130	750	878	366	.....	1370	1320	1220	1260	930	1130	858
30	1140	741	836	260	.....	1340	1410	1460	1170	906	1070	834
31	1100	.....	970	214	.....	1260	.....	7210	.....	943	1020	.....
Mean	1197	988	911	920	1382	1257	1385	1986	1652	1366	1134	1298
Max.	2240	1320	1380	1350	3380	2150	3230	7210	3780	3320	3170	1960
Min.	930	258	230	214	286	300	1010	918	1170	846	680	834
A.F.	73570	58810	56020	56560	76740	77280	82410	122100	98280	83970	69710	77230

Total acre-feet 932700

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, AT BREWSTER
Sec. 28-23-22 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	417	364	429	251	300	429	446	509	736	575	330	595
2	425	368	410	256	315	442	404	500	720	570	300	580
3	429	360	364	300	318	401	400	491	698	551	280	575
4	400	356	318	292	383	286	400	495	666	518	290	635
5	384	352	245	273	381	510	396	477	630	504	270	698
6	392	337	123	264	328	408	421	488	620	473	260	677
7	396	337	196	259	308	388	425	477	615	473	310	620
8	380	330	264	294	363	379	368	495	946	473	384	595
9	372	320	325	350	405	232	368	435	900	464	434	580
10	372	300	369	381	451	264	400	482	600	500	408	666
11	372	320	404	400	470	257	384	532	550	537	551	605
12	372	451	451	385	483	279	356	509	550	542	486	600
13	368	451	478	407	397	430	315	546	700	556	473	590
14	368	468	470	410	412	422	330	720	1350	500	482	523
15	364	451	475	378	397	418	308	770	1020	500	509	518
16	368	442	478	394	426	464	304	725	798	491	495	490
17	360	442	454	379	451	485	326	693	682	495	486	460
18	356	460	517	379	451	411	337	698	709	504	477	468
19	352	445	499	347	500	401	333	693	833	468	470	446
20	352	413	417	385	515	380	384	698	775	438	775	446
21	360	391	403	299	496	446	384	775	786	421	798	451
22	360	376	371	347	514	491	408	682	731	420	625	438
23	384	334	341	385	468	429	446	656	781	417	585	434
24	372	199	348	385	473	400	468	630	781	417	635	491
25	356	227	329	370	477	425	523	575	725	417	615	464
26	364	318	311	375	396	434	532	551	809	425	600	438
27	356	381	293	336	400	438	518	482	753	429	605	455
28	368	455	323	345	434	468	509	460	698	451	605	442
29	360	455	330	295	-----	413	509	446	666	460	595	442
30	368	434	300	258	-----	408	514	429	625	442	575	464
31	380	-----	283	286	-----	421	-----	504	380	380	575	-----
Mean	375	380	365	338	418	402	407	570	748	478	493	530
Max.	429	468	517	410	515	510	532	775	1350	575	798	698
Min.	352	199	123	251	300	232	304	429	550	380	260	434
A.F.	23060	22610	22450	20760	23230	24710	24230	35070	44530	29380	30310	31510

Total acre-feet 331850

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, AT TAYLOR
Sec. 22-21-18 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	556	462	593	251	351	467	457	696	847	703	382	611
2	556	462	528	253	386	505	426	650	809	703	333	617
3	539	467	533	394	414	499	416	624	730	730	308	611
4	505	457	390	362	428	355	441	568	669	682	321	689
5	457	472	267	322	447	522	494	556	656	617	304	917
6	457	483	128	300	448	599	533	539	669	599	273	878
7	457	510	220	298	416	467	533	522	669	568	273	751
8	457	522	378	346	406	370	472	510	925	568	308	696
9	457	436	486	424	446	270	451	505	942	539	368	730
10	457	401	529	482	571	280	550	516	766	593	368	855
11	446	382	573	499	694	257	522	545	682	656	611	824
12	446	431	600	509	672	306	457	545	682	716	710	780
13	446	499	609	498	551	433	446	539	676	669	636	817
14	446	574	618	498	522	548	499	862	1300	662	586	687
15	446	574	614	556	544	550	457	1110	1210	586	499	669
16	446	533	588	544	580	565	411	870	901	574	499	662
17	436	528	578	555	548	426	766	878	756	562	505	650
18	462	516	581	546	686	562	478	788	950	856	499	624
19	451	462	578	544	720	533	472	758	982	574	494	643
20	462	401	564	318	744	488	488	870	1100	494	716	617
21	478	446	585	322	755	441	574	950	942	505	972	643
22	478	488	601	330	760	556	483	1010	839	499	737	656
23	462	342	525	443	750	624	505	737	909	510	624	617
24	462	157	470	498	737	488	562	682	966	472	643	636
25	462	220	350	529	737	472	630	836	958	446	630	605
26	467	300	252	540	605	550	643	593	870	436	611	550
27	467	400	320	391	556	516	751	568	1020	441	624	499
28	451	500	431	278	643	478	758	528	847	494	611	472
29	451	580	431	281	-----	483	730	568	723	522	486	467
30	451	580	382	300	-----	462	737	580	703	505	599	494
31	462	-----	334	334	-----	478	-----	636	-----	457	568	-----
Mean	467	453	472	411	579	475	527	672	861	572	523	665
Max.	556	580	618	556	760	624	758	1110	1300	730	972	917
Min.	436	157	128	251	351	257	411	505	656	436	273	467
A.F.	28710	26950	29030	25280	32130	29180	31340	41310	51210	35180	32130	39590

Total acre-feet 402000

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, AT SCOTIA
 Sec. 8-17-12 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2100	912	1030	1150	420	1310	924	1450	1300	1140	672	984
2	1840	924	986	990	470	1270	948	1400	1740	1110	600	1010
3	1330	900	891	990	600	1160	984	1240	1770	1400	506	1020
4	1140	834	801	846	780	912	996	1150	1570	1310	471	1070
5	1080	834	431	864	890	867	1020	1020	1390	1140	499	1900
6	996	823	418	846	814	1140	1180	948	1300	1140	471	2220
7	972	823	368	808	821	1050	1150	900	1160	1060	450	1480
8	812	912	530	784	738	994	1100	867	1150	984	471	1310
9	856	867	694	739	738	903	984	878	1550	948	693	1270
10	845	710	726	807	840	616	1020	936	1550	1010	1100	1250
11	845	681	845	888	974	701	1070	878	1180	1110	1590	1370
12	823	812	976	914	1120	396	972	834	1110	1300	1320	2440
13	856	900	980	925	1120	348	924	867	1050	1300	3200	1520
14	856	948	1000	906	950	495	924	948	1140	1150	1330	1330
15	856	1070	973	936	800	608	972	2150	2230	1110	1150	1210
16	856	972	1040	1030	850	1200	900	2200	2090	1050	960	1120
17	834	936	989	1020	950	1320	845	2550	1790	1010	1200	1110
18	823	878	990	1040	950	1310	856	2450	1680	1790	856	1070
19	780	960	1000	1050	1000	1120	878	2110	1480	1280	834	1050
20	780	972	1040	952	1090	994	1010	1730	1340	984	1080	1050
21	801	1050	1070	706	1230	1160	1330	1680	1750	1790	1570	1070
22	878	972	1110	634	1320	1190	1180	1680	1330	1370	1480	1080
23	900	873	1160	777	1430	1170	1070	1470	1250	960	1060	1120
24	867	178	1140	809	1520	948	1180	1220	1340	889	1870	1110
25	823	341	1090	762	1400	948	1280	1250	1360	867	1440	1100
26	812	652	983	770	1490	924	1310	1220	1390	812	1180	1100
27	834	1160	675	688	1070	972	1620	1120	1180	770	1140	1020
28	850	1210	688	400	1330	1030	1450	1030	1430	740	1110	936
29	850	1330	836	280	-----	936	1390	996	1240	740	1110	924
30	850	1090	1010	270	-----	924	1370	972	1210	780	1070	924
31	912	-----	1190	369	-----	948	-----	1110	-----	710	1020	-----
Mean	960	884	892	805	992	963	1095	1331	1435	1089	1081	1239
Max.	2100	1330	1190	1150	1520	1320	1620	2550	2230	1790	3200	2440
Min.	780	178	368	270	420	348	845	834	1050	710	450	924
A.F.	59020	52610	54870	49490	55070	59210	65130	81830	85390	66950	66450	73720

Total acre-feet 769740

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR COTESFIELD
 Sec. 7-16-11 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1810	996	912	1140	405	1250	942	1450	1400	1200	764	1080
2	1760	942	967	1050	530	1330	924	1420	1800	1260	665	1090
3	1350	966	862	946	712	1190	966	1200	1670	2050	572	1050
4	130	1020	820	960	828	1070	924	1130	1590	1420	466	1100
5	1120	1000	261	1000	894	942	996	1060	1490	1190	488	1590
6	1050	969	423	968	955	1180	1140	969	1390	1170	455	1740
7	1040	996	472	821	855	1000	1140	960	1250	1130	439	1460
8	996	1020	507	800	824	902	1160	915	1240	1010	402	1300
9	1010	1000	511	780	795	566	1090	924	1270	960	651	1230
10	960	650	834	765	784	659	1090	942	1340	1050	1070	1230
11	933	700	933	915	900	570	1130	960	1190	1220	1440	1330
12	870	800	1010	970	935	392	1070	870	1110	1310	1450	2250
13	834	978	1000	1020	986	356	933	933	1110	1340	3750	1450
14	798	942	977	960	829	492	906	1050	1170	1140	2370	1200
15	740	1100	1000	974	725	957	960	2180	2070	1100	1710	1190
16	816	1020	1020	1030	861	1100	933	2000	1840	996	1320	1100
17	825	987	1030	1060	986	1380	906	2230	1560	978	1740	1140
18	852	987	990	1060	1000	1370	888	2200	1630	1730	1160	1100
19	852	1060	1030	1030	1020	1330	933	1980	1320	1240	969	1060
20	861	978	1100	960	1040	1080	951	1620	1300	969	1370	1050
21	834	1000	1010	729	1040	1080	1280	1600	1540	1660	1820	1060
22	807	980	1090	449	1390	1120	1190	1600	1330	1440	1730	1070
23	852	900	1090	680	1250	1110	1050	1600	1340	960	1440	1100
24	897	300	1120	832	2060	951	1130	1440	1490	915	2040	1150
25	879	538	1090	832	1500	987	1240	1460	1370	879	1720	1080
26	888	816	1160	777	1320	996	1240	1380	1940	861	1360	1150
27	906	1040	795	569	1130	1020	1510	1300	1420	861	1300	1100
28	906	952	700	214	1250	969	1370	1150	1450	834	1130	1050
29	906	1350	675	240	-----	969	1360	1130	1380	843	1130	996
30	924	1000	952	224	-----	996	1300	1060	1310	1060	1090	996
31	924	-----	1140	316	-----	969	-----	1220	-----	879	1060	-----
Mean	978	934	886	809	993	977	1086	1353	1441	1146	1260	1216
Max.	1810	1350	1160	1140	2060	1380	1510	2230	2070	2050	3750	2250
Min.	740	300	261	214	405	356	888	870	1110	834	402	996
A.F.	60120	55570	54510	49770	55150	60070	64650	83170	85730	70450	77500	72380

Total acre-feet 789100

BUREAU OF IRRIGATION

501

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR ST. PAUL
 Sec. 22-15-10 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	1040	1130	1040	421	1580	980	1380	1280	1160	748	1040
2	2120	1060	1030	992	493	1620	992	1370	1490	1230	706	1060
3	1580	1070	912	921	632	1460	955	1260	1690	2430	627	1110
4	1200	1040	819	1020	858	1110	968	1230	1560	1630	526	1140
5	1100	1030	450	843	979	955	1020	1170	1460	1280	509	1540
6	1000	980	450	864	944	1180	1160	1040	1380	1220	476	2390
7	980	968	400	732	912	1200	1160	1020	1290	1180	436	1620
8	955	1070	550	729	905	1100	1140	905	1230	1110	742	1420
9	894	1040	600	745	850	1000	1070	930	1260	1030	1100	1280
10	894	850	750	778	876	850	1070	918	1690	1070	1440	1180
11	894	650	854	812	926	550	1140	894	1290	1200	1700	1240
12	859	750	897	856	965	400	1060	813	1110	1350	2360	2710
13	859	915	1020	872	961	340	905	859	1020	1500	4120	1850
14	870	1060	1030	948	874	550	918	1000	1090	1400	2740	1500
15	859	1170	1130	902	807	860	955	1530	1540	1220	2040	1400
16	894	1200	1130	915	890	1300	894	2120	2000	1180	1650	1290
17	894	1140	1060	978	979	1500	894	2610	1580	1110	2020	1200
18	882	1100	1010	993	1010	1560	918	2620	1650	1340	1530	1200
19	859	1130	975	1010	1080	1300	905	2360	1370	1850	1040	1200
20	836	1050	958	993	1130	1140	1020	1940	1160	1140	1020	1140
21	848	1000	969	750	1250	1060	1230	1720	1390	1080	1670	1130
22	905	1000	1020	614	1360	1040	1110	1620	1350	2190	1600	1180
23	930	927	1040	598	1600	1060	1070	1620	1280	1060	1550	1140
24	930	440	1110	735	1960	1060	1130	1400	1560	942	1600	1160
25	882	280	1120	815	1610	1000	1230	1240	1380	894	1900	1140
26	882	610	1040	714	1270	1000	1260	1290	1940	870	1350	1170
27	894	691	916	640	1200	1030	1170	1170	1320	859	1320	1110
28	905	1010	700	396	1300	1170	1380	1070	1240	824	1170	1070
29	905	1210	760	282	-----	1190	1320	968	1370	870	1040	1030
30	894	1130	880	265	-----	1040	1370	1050	1180	870	1040	992
31	942	-----	975	347	-----	-----	968	1890	-----	859	1040	-----
Mean	999	954	893	777	1037	1068	1100	1387	1305	1223	1382	1321
Max.	2120	1210	1130	1040	1960	1620	1770	2620	2000	2430	4120	2710
Min.	836	280	400	265	421	340	894	813	1020	824	436	992
A.F.	61400	56750	54910	47800	57600	65680	65440	85300	83600	75180	84970	78610

Total acre-feet 817240

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR CUMRO
 Sec. 4-12-18 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	158	138	138	124	127	186	158	185	304	170	147	160
2	294	136	132	125	130	178	158	188	230	172	140	161
3	176	138	102	133	135	180	158	190	196	172	138	156
4	157	138	86	130	134	170	158	185	194	163	141	172
5	149	136	67	133	139	177	165	180	206	161	142	177
6	141	136	52	134	144	172	189	185	210	163	138	196
7	136	136	63	145	140	170	179	175	208	160	136	202
8	135	136	84	153	135	165	174	160	226	155	134	189
9	132	135	109	162	144	147	170	170	259	155	138	172
10	131	130	132	181	160	133	170	170	243	183	176	163
11	132	135	165	185	171	110	170	162	228	189	150	161
12	132	140	169	175	186	112	161	160	218	185	208	170
13	132	145	195	175	172	121	155	160	226	183	160	161
14	132	150	206	177	142	159	153	160	333	177	153	153
15	132	149	195	155	136	188	150	250	265	172	150	153
16	131	153	185	152	157	182	149	1030	206	167	136	152
17	134	153	172	156	190	167	153	1090	192	170	131	150
18	135	155	154	153	183	161	153	1470	220	174	134	152
19	136	154	141	254	176	158	152	1190	239	172	131	152
20	136	150	140	138	175	158	158	632	198	167	131	152
21	138	155	138	148	189	155	180	500	183	163	128	147
22	138	155	131	126	182	157	188	391	216	258	128	146
23	135	150	132	154	184	165	180	324	265	224	129	146
24	140	140	122	164	183	161	165	285	288	176	135	144
25	138	145	126	144	185	160	170	256	220	158	150	144
26	138	160	148	126	183	163	170	237	235	152	157	142
27	138	186	156	121	183	170	208	218	265	150	161	140
28	136	160	152	90	188	170	200	202	204	155	160	141
29	136	150	138	70	-----	167	190	198	190	161	160	141
30	136	143	134	90	-----	161	183	196	177	160	161	142
31	136	-----	124	120	-----	161	-----	735	-----	155	160	-----
Mean	144	146	135	142	163	161	169	375	228	172	146	158
Max.	294	186	206	185	190	188	208	1470	333	258	208	202
Min.	131	130	52	70	127	110	149	160	177	150	126	140
A.F.	8830	8700	8290	8710	9040	9890	10050	23080	13570	10560	9600	9420

Total acre-feet 129100

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, AT RAVENNA
Sec. 17-12-14 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	150	152	215	174	162	232	202	347	566	223	168	198
2	383	164	225	157	138	241	208	332	343	220	158	214
3	318	164	204	151	152	220	205	244	272	211	156	226
4	217	164	195	143	152	200	192	232	247	214	154	217
5	190	160	216	140	176	190	211	229	220	200	162	208
6	164	154	218	151	177	185	229	235	238	226	148	211
7	168	164	150	146	181	190	262	232	229	232	142	214
8	152	168	150	144	173	182	244	202	250	241	136	205
9	144	153	181	144	168	199	217	217	250	247	130	190
10	136	155	167	147	192	231	226	220	300	268	154	211
11	136	155	176	153	200	180	217	208	286	486	182	205
12	140	160	170	172	196	180	202	205	278	501	178	217
13	150	160	178	169	180	180	202	202	282	324	305	211
14	154	185	180	185	150	156	195	220	343	247	232	195
15	154	180	177	187	137	204	198	220	394	241	247	200
16	162	198	187	173	160	248	195	896	321	200	205	190
17	150	198	184	184	180	220	180	1450	262	211	200	180
18	152	205	194	176	209	198	185	1450	253	202	190	174
19	154	205	187	184	209	211	192	1650	250	211	182	172
20	152	166	181	132	231	202	190	900	304	217	195	180
21	154	192	181	122	277	205	223	702	272	211	168	182
22	162	192	179	116	393	200	229	609	578	268	156	166
23	164	154	172	162	406	211	217	492	388	214	150	162
24	164	217	157	185	250	226	195	420	635	202	162	164
25	170	187	159	171	214	195	211	367	519	174	176	162
26	172	228	135	151	214	198	208	359	477	160	195	164
27	166	250	132	121	214	211	536	307	317	176	182	162
28	164	208	137	75	299	211	442	265	304	185	188	156
29	162	203	146	80	-----	223	290	241	279	178	185	150
30	162	210	176	99	-----	211	328	238	247	176	198	156
31	160	-----	188	107	-----	205	-----	1420	-----	178	202	-----
Mean	172	182	177	149	204	203	234	494	330	234	180	188
Max.	383	250	225	187	406	248	536	1650	635	501	305	226
Min.	136	152	132	75	137	156	180	202	220	160	130	150
A.F.	10560	10810	10900	9150	11350	12510	13950	30370	19640	14370	11100	11190

Total acre-feet 165900

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, AT ST. MICHAEL
Sec. 12-11-13 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	182	187	233	264	82	269	233	437	1510	392	194	221
2	442	185	226	169	85	269	240	368	665	406	182	221
3	541	182	194	174	101	274	235	319	446	384	180	223
4	461	180	144	184	138	269	233	312	372	538	178	226
5	326	174	67	189	169	258	250	299	348	680	168	242
6	290	180	56	186	180	266	302	286	337	630	174	252
7	245	190	65	191	178	258	312	274	309	521	170	286
8	221	190	80	186	186	250	280	252	316	485	164	312
9	209	186	103	173	190	238	266	299	316	480	164	280
10	197	175	140	174	205	210	266	277	376	495	160	250
11	190	173	158	174	206	120	255	263	376	651	206	238
12	190	194	178	178	206	122	247	247	306	677	312	272
13	190	216	188	171	186	126	255	252	277	451	627	250
14	190	216	232	185	194	139	247	274	410	372	560	226
15	190	214	237	199	188	172	242	280	480	341	593	247
16	190	209	237	207	190	230	226	706	364	334	485	245
17	190	209	254	228	232	283	226	1500	330	286	341	223
18	180	214	235	231	254	242	218	1560	368	258	296	206
19	182	218	224	232	300	226	221	1860	421	258	258	206
20	187	201	219	183	317	238	242	1280	376	247	255	206
21	182	216	204	163	294	240	266	916	337	242	238	204
22	182	214	202	182	326	245	272	630	526	310	206	204
23	190	200	198	190	406	266	258	520	380	453	192	204
24	197	190	194	202	446	269	252	480	550	699	197	204
25	199	200	189	197	360	266	263	470	480	410	206	211
26	197	220	182	202	330	260	269	406	528	323	240	211
27	197	250	175	145	293	266	935	312	475	274	250	206
28	197	283	146	84	283	269	592	280	432	250	250	199
29	194	258	146	78	-----	235	461	296	419	242	226	187
30	192	242	149	73	-----	223	451	283	401	218	216	190
31	190	-----	160	78	-----	233	-----	1490	-----	194	214	-----
Mean	229	206	174	173	233	233	300	562	441	410	261	228
Max.	541	283	254	232	446	283	935	1860	1510	851	627	312
Min.	180	173	56	73	82	120	218	247	277	194	160	187
A.F.	14100	12230	10700	10620	12970	14330	17880	34570	26240	25190	16070	13590

Total acre-feet 208500

BUREAU OF IRRIGATION

503

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK AT MAYWOOD
 Sec. 21-8-29 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								26	155	20	23	50
2								27	56	17	19	177
3								26	32	19	19	82
4								31	26	19	45	84
5								26	22	19	36	63
6								24	25	19	23	45
7								23	81	15	20	57
8								23	181	15	20	48
9								23	102	16	19	32
10								22	52	251	18	28
11								22	36	52	19	24
12								23	35	128	20	35
13								23	42	50	18	28
14								91	34	31	18	24
15								120	23	26	18	22
16								104	21	20	18	22
17								98	20	20	17	22
18								60	58	59	16	21
19								51	72	38	17	21
20								193	50	22	17	20
21								280	101	36	17	20
22								112	214	61	19	20
23								44	161	38	22	21
24								25	33	108	24	25
25								22	25	54	21	25
26								35	23	32	19	31
27								162	22	35	19	42
28								49	21	30	35	27
29								33	30	25	33	23
30								28	65	20	28	20
31									311	37	19	37
Mean									65	63	39	22
Max.									311	214	251	45
Min.									21	20	15	16
A.F.									3970	3770	2410	1370
											2210	2210

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, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	49	63	60	59	25	83	55	70	391	76	68	287
2	59	70	60	55	25	77	53	68	208	75	61	1470
3	51	66	65	38	25	71	53	66	91	70	64	348
4	52	64	65	21	35	66	53	64	68	63	63	370
5	51	59	64	16	48	63	62	66	62	66	80	191
6	51	72	44	12	59	63	73	66	59	68	72	103
7	49	56	35	16	60	63	77	62	288	68	63	249
8	48	60	37	46	64	62	64	60	2640	58	59	202
9	49	63	38	58	65	63	60	61	353	56	58	101
10	46	42	48	55	96	63	60	61	239	1230	54	105
11	45	51	54	64	102	62	59	59	106	376	53	75
12	46	51	63	67	76	53	59	58	80	453	53	68
13	47	52	84	57	73	50	56	59	76	222	54	79
14	48	54	81	60	85	57	58	183	451	115	54	67
15	48	61	60	67	116	63	55	690	111	108	53	61
16	50	59	59	62	122	59	53	352	86	274	51	61
17	49	61	58	58	127	62	53	152	73	90	51	61
18	51	61	56	61	67	61	55	158	342	315	49	59
19	51	60	56	60	64	60	53	119	242	124	47	55
20	51	63	55	52	64	60	59	967	108	71	49	54
21	51	63	54	50	64	55	62	3830	87	71	49	51
22	51	62	54	49	64	50	63	312	3110	178	55	51
23	51	63	54	44	66	55	59	150	369	111	60	51
24	51	60	56	54	64	59	59	97	455	73	70	51
25	52	60	59	83	67	64	55	80	298	64	142	51
26	52	51	47	59	70	61	55	68	178	62	70	53
27	52	54	47	57	67	59	832	64	100	61	153	52
28	52	59	48	45	67	59	210	62	91	70	83	52
29	52	59	58	37	---	56	91	135	82	77	67	52
30	52	59	59	35	---	56	74	83	79	77	61	53
31	53	---	58	35	---	55	---	2300	---	70	59	---
Mean	50	59	56	49	69	61	91	343	365	158	65	152
Max.	89	72	84	67	127	83	832	3830	3110	1230	153	1470
Min.	45	42	35	12	25	50	53	58	59	56	47	51
A.F.	3090	3530	3440	3000	3820	3750	5410	21070	21710	9720	4020	9050

Total acre-feet 91610

REPORT OF THE STATE ENGINEER

HARRY STRUNK LAKE (FORMERLY MEDICINE CREEK RESERVOIR)
Storage in Acre-feet—Sec. 24-5-26 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	33710	34880	36780	38770	39690	41790	42080	43360	50870	47220	44060	42870
2	33800	34960	36780	38770	39780	41790	42180	43460	50420	46810	44060	43960
3	33800	34960	36780	38770	39980	41790	42080	43360	49660	46600	43760	45270
4	33800	34960	36780	38950	40070	41880	42180	43360	49130	46190	43660	44770
5	33880	35050	36870	39040	40260	41880	42180	43360	48480	45780	43660	44670
6	33960	35220	36960	38300	40260	41880	41880	42970	47840	45370	43660	43860
7	34040	35300	36960	38300	40260	41700	42080	42970	47540	45370	43760	42970
8	34040	35390	37050	38400	40450	41600	42080	42870	47950	45170	43560	42580
9	34040	35560	37220	38580	40450	41500	41980	42970	52960	44770	43460	41980
10	34120	35560	37310	38580	40540	41700	41980	42770	52420	44770	43170	41320
11	34120	35560	37400	38680	40830	41600	42080	42680	51640	48270	43260	42580
12	34120	35730	37400	38680	40830	41600	42080	42580	50870	48480	43070	39980
13	34200	35730	37580	38860	40640	41700	41790	42480	50090	48910	42970	39040
14	34280	35730	37670	38860	40740	41700	41980	42480	49770	48590	42970	38400
15	34280	35900	37760	38950	40830	41790	41790	42970	49560	48060	42970	37580
16	34370	35900	37760	39040	40920	41790	41790	44060	48910	47740	42770	37670
17	34370	36070	37760	39140	41020	41980	41790	44160	48270	47640	42770	37850
18	34370	36070	37760	39320	41220	41880	41980	44160	47840	47320	42680	37760
19	34450	36240	37940	39420	41220	41880	41980	44360	47950	47430	42680	38030
20	34450	36240	37940	39420	41410	41880	41790	44260	47430	46920	42580	38120
21	34450	36330	38030	39320	41410	41880	41790	52080	47020	46810	42580	38120
22	34450	36420	38120	39510	41500	41880	41790	52800	49560	46400	42280	38120
23	34450	36330	38300	39510	41500	42180	41980	51970	52190	46190	42280	38120
24	34530	36420	38300	39510	41600	41980	41880	51090	51860	45980	42280	38210
25	34530	36420	38490	39690	41700	42180	41880	50310	51530	45580	42580	38300
26	34620	36600	38490	39780	41700	42280	41790	49560	50540	45370	42580	38580
27	34700	36600	38490	39690	41700	42180	42280	48910	49980	45270	42580	38580
28	34790	36690	38400	39510	41790	42180	43660	48160	49130	44970	42680	38490
29	34790	36690	38580	39510	.....	42080	43660	48060	48480	44770	42680	38580
30	34790	36780	38580	39600	.....	42080	43560	47640	47840	44570	42680	38770
31	34880	.....	38680	39600	.....	42080	.....	48270	.....	44360	42580	.....

Note: This reservoir commenced storing on August 10, 1949
Storage reached top of irrigation pool on January 18, 1951

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, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	5	3	4	5	5	36	42	98	544	308	143	305	
2	5	3	4	5	5	39	42	95	504	292	136	626	
3	4	3	4	5	5	39	41	91	446	274	132	611	
4	4	3	3	4	5	39	41	84	393	256	120	595	
5	4	3	3	4	211	4	82	341	240	113	568	.....
6	4	3	5	150	5	42	45	77	300	230	109	531	
7	4	3	5	4	6	41	50	74	277	223	108	502	
8	4	3	5	4	7	41	50	72	451	213	104	487	
9	4	3	5	4	8	39	45	72	664	206	99	462	
10	4	3	5	4	9	41	50	69	618	250	96	438	
11	10	3	5	4	11	41	48	66	559	360	93	421	
12	3	3	5	4	14	38	50	64	498	384	90	410	
13	2	3	5	4	15	37	42	63	443	398	88	407	
14	2	3	5	4	13	37	45	64	438	360	87	407	
15	2	3	5	4	15	37	41	79	418	325	81	207	
16	2	3	5	4	15	37	38	126	371	306	76	8	
17	2	3	5	4	19	41	41	134	333	292	73	10	
18	2	3	5	4	21	39	41	138	317	285	70	5	
19	3	3	5	4	25	39	41	138	319	279	66	5	
20	2	3	5	4	26	39	42	159	292	261	69	5	
21	2	3	5	4	27	39	47	662	269	246	64	5	
22	2	3	5	4	28	39	44	698	506	233	65	5	
23	2	3	5	4	28	42	44	639	627	228	64	5	
24	2	3	6	4	31	38	45	573	594	218	64	4	
25	2	4	5	2	31	38	42	509	559	208	68	4	
26	2	4	5	2	33	39	42	446	509	196	70	4	
27	3	4	5	4	34	42	63	390	457	185	72	5	
28	3	4	5	4	34	42	66	344	412	176	72	5	
29	3	4	5	9	39	48	96	322	373	164	72	4	
30	3	4	5	9	.....	44	102	290	338	156	72	4
31	3	5	5	.....	.....	42	100	290	338	156	72	4
Mean	4	3	5	5	16	17	40	50	230	439	255	87	235
Max.	10	4	6	211	39	48	102	698	664	398	143	626
Min.	2	3	4	1	4	36	38	63	269	149	64	4
A.F.	208	191	293	959	959	2450	2980	14150	26120	15670	5370	13990

Total acre-feet 83340

BUREAU OF IRRIGATION

505

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK AT CAMBRIDGE
 Sec. 19-4-25 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	4	9	3	5	37	39	101	531	296	135	215
2	5	4	6	3	5	37	38	96	515	268	129	748
3	5	3	5	2	6	50	38	92	461	252	124	651
4	5	3	4	2	6	45	37	88	416	230	117	664
5	5	3	4	4	5	42	42	84	382	212	111	614
6	5	3	4	295	4	44	45	81	349	201	109	566
7	5	3	4	12	7	40	47	74	328	190	114	537
8	5	3	5	7	6	35	47	71	415	180	106	523
9	5	3	6	5	8	29	44	69	624	205	96	476
10	5	3	5	5	8	50	47	65	560	342	96	459
11	5	3	6	5	9	41	50	61	496	366	89	447
12	5	3	6	5	9	44	44	59	445	380	88	438
13	5	3	6	5	15	38	44	65	428	356	86	437
14	5	3	6	6	17	37	44	84	417	331	83	314
15	5	3	6	6	19	37	42	122	384	307	76	25
16	5	3	5	5	21	39	42	134	354	308	74	17
17	5	3	5	6	25	40	42	137	334	292	70	14
18	5	4	6	6	29	39	39	134	334	286	68	12
19	5	4	5	5	30	39	41	176	312	262	71	10
20	5	4	5	5	27	39	44	570	285	246	66	9
21	5	4	5	5	30	39	42	692	410	230	69	8
22	5	4	5	5	32	42	42	614	584	222	67	8
23	5	4	5	5	34	39	44	564	558	213	66	8
24	5	4	5	4	34	38	42	499	525	199	68	7
25	5	4	5	3	34	38	41	442	478	186	70	7
26	5	4	4	2	35	39	52	404	433	176	70	6
27	5	4	4	2	37	44	95	366	390	188	74	6
28	5	4	4	2	37	44	95	366	390	188	74	6
29	4	5	4	5	-----	39	103	352	354	159	75	5
30	4	13	4	5	-----	38	103	331	324	152	72	5
31	4	-----	4	5	-----	37	-----	384	-----	144	72	-----
Mean	4	-----	5	17	18	40	49	228	436	243	88	258
Max.	-----	13	9	295	37	50	103	692	653	380	135	748
Min.	3	-----	4	2	4	29	37	59	285	144	66	5
A.F.	219	223	308	1060	993	2440	2910	14050	25940	14930	5380	15350

Total acre-feet 83800

MELBETA DRAIN NEAR
 MELBETA—Sec. 13-21-54 W.
 Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	1	9	5	8	3
2	1	9	6	4	4
3	1	45	6	1	4
4	1	9	5	3	13
5	1	39	9	6	4
6	2	13	15	17	7
7	2	12	7	9	0
8	1	30	5	11	0
9	0	39	5	16	18
10	0	69	5	12	18
11	0	21	7	9	1
12	0	23	6	8	1
13	0	12	7	4	1
14	0	13	10	5	17
15	0	3	8	5	17
16	0	12	28	2	12
17	3	12	25	7	12
18	6	5	37	4	11
19	7	53	20	2	23
20	4	7	14	6	21
21	8	10	0	7	20
22	9	18	5	8	19
23	5	20	7	7	19
24	5	0	20	6	27
25	2	8	23	7	37
26	6	0	12	9	23
27	2	2	10	6	23
28	4	5	9	3	34
29	5	6	12	2	35
30	4	6	18	5	33
31	4	-----	16	2	-----
Mean	3	17	12	6	15
Max.	9	69	37	17	37
Min.	0	0	0	1	0
A.F.	170	990	770	400	910

DISCHARGE IN SECOND-FEET OF MINNECHADUZA CREEK AT VALENTINE
Sec. 23-34-29 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	20	42	23	10	56	39	43	61	46	71	27
2	28	20	27	34	22	50	59	48	20	50	31	28
3	41	46	18	22	24	24	23	48	55	75	34	28
4	27	30	18	30	26	11	37	37	45	82	29	31
5	46	22	27	19	29	63	48	36	38	79	25	34
6	39	38	23	25	30	29	30	34	32	93	23	34
7	48	14	30	10	32	37	54	40	62	81	22	32
8	29	27	24	52	33	26	36	35	37	96	21	34
9	55	35	22	26	33	34	47	35	47	66	22	36
10	25	8	24	27	36	42	27	29	55	89	24	39
11	34	23	40	27	42	27	34	44	55	63	25	38
12	29	60	13	23	42	55	44	38	39	87	26	38
13	40	23	40	36	35	26	34	40	30	79	26	36
14	19	34	24	8	28	34	52	33	64	62	28	34
15	44	25	27	46	32	34	28	52	50	86	31	33
16	22	45	40	22	26	40	28	68	30	77	33	31
17	21	30	35	46	35	39	40	50	26	61	29	30
18	29	34	21	29	47	39	37	50	42	77	27	30
19	25	25	34	38	33	34	33	47	43	53	35	28
20	25	31	45	18	36	23	46	56	48	48	43	27
21	23	42	25	20	38	42	29	48	37	37	39	26
22	44	30	39	15	33	44	55	54	51	49	36	26
23	34	19	33	45	42	52	40	67	66	35	32	26
24	17	25	27	27	49	42	31	61	54	39	29	26
25	35	24	45	25	49	38	50	60	53	37	28	27
26	24	37	24	20	33	76	54	54	79	29	26	27
27	26	29	22	44	30	49	34	58	73	29	25	24
28	17	37	28	41	56	54	55	41	61	32	25	24
29	39	37	31	38	—	58	49	35	60	25	33	24
30	24	30	43	23	—	52	49	31	33	27	33	24
31	32	—	36	8	—	41	—	34	33	20	26	—
Mean	31	30	30	28	34	41	41	45	48	58	30	30
Max.	55	60	49	52	56	76	59	68	79	96	71	39
Min.	17	6	13	8	10	11	23	29	20	20	21	24
A.F.	1930	1780	1860	1720	1910	2520	2420	2780	2870	3550	1840	1790

Total acre-feet 26970

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, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	0	0	0	6	0	0	43
2	3	0	0	0	0	0	0	0	1	0	0	138
3	1	0	0	0	0	0	0	0	0	2	0	33
4	0	0	0	0	0	0	0	0	0	0	1	51
5	0	0	0	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	45	0	0	13
8	0	0	0	0	0	0	0	0	487	0	0	3
9	0	0	0	0	0	0	0	0	17	0	0	0
10	0	0	0	0	0	0	0	0	27	409	0	0
11	0	0	0	0	0	0	0	0	2	26	0	0
12	0	0	0	0	0	0	0	0	0	72	0	0
13	0	0	0	0	0	0	0	0	0	7	0	0
14	0	0	0	0	0	0	0	0	49	2	0	0
15	0	0	0	0	0	0	0	1	3	1	0	0
16	0	0	0	0	0	0	0	6	0	37	0	0
17	0	0	0	0	0	0	0	0	0	4	0	0
18	0	0	0	0	0	0	0	0	17	34	0	0
19	0	0	0	0	0	0	0	0	7	4	0	0
20	0	0	0	0	0	0	0	412	1	1	0	0
21	0	0	0	0	0	0	0	730	0	0	0	0
22	0	0	0	0	0	0	0	7	388	6	0	0
23	0	0	0	0	0	0	0	1	15	1	0	0
24	0	0	0	0	0	0	0	0	13	0	0	0
25	0	0	0	0	0	0	0	0	0	15	0	0
26	0	0	0	0	0	0	0	0	17	0	15	0
27	0	0	0	0	0	0	61	0	5	0	5	0
28	0	0	0	0	0	0	1	0	1	0	1	0
29	0	0	0	0	0	0	0	23	0	2	0	0
30	0	0	0	0	—	0	0	1	0	0	0	0
31	0	0	0	0	—	0	0	234	0	0	0	0
Mean	0	0	0	0	0	0	2	46	37	20	8	10
Max.	3	0	0	0	0	0	61	730	487	409	15	138
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	9	0	0	0	0	0	125	2810	2190	1210	46	571

Total acre-feet 6960

BUREAU OF IRRIGATION

507

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR BROKEN BOW
Sec. 11-16-20 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		1	1	1	1	1	1	2	2	4	2	2
2	1	1	1	1	1	1	1	2	2	4	2	2
3	1	1	1	1	1	1	2	2	2	25	2	2
4	1	1	1	1	1	1	2	2	2	3	2	2
5	1	1	1	1	1	1	2	2	2	3	2	2
6	1	1	1	1	1	1	2	2	2	3	2	2
7	1	1	1	1	1	1	2	2	2	3	2	2
8	1	1	1	1	1	1	2	2	2	10	2	2
9	1	1	1	1	1	1	1	2	2	5	2	2
10	1	1	1	1	1	1	2	2	2	14	2	2
11	1	1	1	1	1	1	2	2	2	5	17	1
12	1	1	1	1	1	1	1	2	2	5	5	3
13	1	1	1	1	1	1	1	2	2	6	2	1
14	1	1	1	1	1	1	1	3	3	7	2	1
15	1	1	1	1	1	1	1	1	1	3	2	2
16	1	1	1	1	1	1	1	7	7	2	1	1
17	1	1	1	1	1	1	1	16	16	3	1	1
18	1	1	1	1	1	2	2	11	11	9	1	1
19	1	1	1	1	1	1	1	6	6	3	1	1
20	1	1	1	2	1	1	2	4	4	2	1	1
21	1	1	1	2	1	2	2	4	4	4	1	1
22	1	1	1	2	1	2	2	3	3	4	1	1
23	1	1	1	2	1	1	1	3	3	4	1	1
24	1	1	1	1	1	1	2	3	3	3	2	1
25	1	1	1	1	1	1	2	5	5	3	1	1
26	1	1	1	1	1	2	2	3	3	3	2	1
27	1	1	1	1	1	3	2	3	3	3	2	1
28	1	1	1	1	1	1	2	3	3	3	2	1
29	1	1	1	1	1	1	2	2	2	2	2	1
30	1	1	1	1	1	1	1	2	2	2	2	1
31	1	1	1	1	1	1	1	12	12	2	2	2
Mean	1	1	1	1	1	1	2	5	4	10	2	2
Max.	2	1	1	2	3	2	8	37	10	176	17	5
Min.	1	1	1	1	1	1	1	2	2	2	1	1
A.F.	69	69	74	75	70	87	108	291	189	606	142	99

Total acre-feet 1880

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR SWEETWATER
Sec. 3-12-15 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	32	31	32	30	18	38	36	68	434	42	35	40
2	62	31	27	29	20	40	37	60	163	41	35	37
3	458	31	21	26	20	35	36	52	86	40	33	37
4	152	31	20	29	22	36	36	51	62	351	29	36
5	64	32	18	28	28	33	38	46	54	524	29	40
6	46	32	17	26	29	33	41	42	48	220	27	95
7	39	32	19	25	32	28	42	39	44	74	27	64
8	35	32	24	23	32	30	41	38	42	58	27	134
9	33	32	28	30	29	30	39	44	41	52	27	58
10	32	32	31	40	28	31	38	37	46	122	27	41
11	31	38	33	37	32	32	37	37	60	332	27	35
12	30	36	33	33	34	36	37	36	43	119	30	40
13	30	34	34	34	35	29	36	36	41	75	130	68
14	29	34	33	34	38	35	36	40	106	61	450	46
15	29	34	30	34	32	35	36	39	75	64	357	48
16	29	34	30	34	35	35	34	52	56	66	107	38
17	30	34	29	34	38	43	34	97	51	52	58	34
18	30	34	29	33	45	38	34	175	94	46	46	31
19	31	35	29	30	50	41	34	287	175	44	42	30
20	31	32	28	25	42	45	34	315	65	41	51	29
21	30	36	28	29	39	45	36	146	55	40	35	28
22	31	36	27	31	43	42	36	99	95	40	33	28
23	31	29	27	37	46	40	36	65	70	416	31	27
24	31	41	27	36	47	40	37	54	190	259	32	28
25	31	39	26	31	52	39	36	49	140	75	43	28
26	31	38	23	26	47	38	36	45	65	52	40	28
27	31	38	23	22	46	39	249	46	202	44	56	29
28	31	35	28	19	43	42	77	47	78	41	54	29
29	31	34	25	13	---	43	56	43	51	43	44	29
30	31	36	32	14	---	40	79	42	45	42	48	29
31	31	33	33	16	---	38	---	616	---	37	42	---
Mean	51	34	27	29	36	37	47	92	93	113	66	42
Max.	458	41	34	40	52	45	249	616	434	524	450	134
Min.	29	29	17	13	18	28	34	36	41	37	27	27
A.F.	3160	2030	1670	1760	1990	2280	2800	5640	5510	6970	4070	2510

Total acre-feet 40390

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF MUDDY CREEK AT ARAPAHOE
Sec. 22-4-23 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1				4	3	8	6	7	78	8	10	116
2				4	3	8	7	8	13	8	11	1010
3				4	3	8	6	9	10	8	222	139
4				4	2	8	7	6	9	9	44	285
5				4	3	8	8	6	8	13	16	169
6				4	3	7	10	6	10	12	10	23
7				4	3	4	9	8	10	9	293	13
8				4	5	4	7	6	8	198	7	83
9				4	7	4	5	8	592	6	17	13
10				4	8	4	9	6	161	1160	13	9
11				3	8	4	7	7	93	878	10	8
12				2	8	4	7	7	42	456	10	7
13				6	8	4	7	6	31	219	12	7
14				6	4	6	6	7	237	36	14	6
15				6	5	8	6	10	114	19	9	6
16				10	10	10	6	47	27	53	7	6
17				16	18	8	6	18	16	35	7	5
18				16	18	7	6	11	21	20	6	5
19			6	6	7	7	6	12	18	13	7	5
20			5	5	15	8	7	204	13	10	6	5
21			5	4	13	8	8	2540	11	10	7	5
22			5	7	11	8	7	153	618	9	8	5
23				7	10	7	7	30	223	17	12	5
24				6	11	6	7	12	75	11	14	5
25				6	10	6	7	137	26	9	9	5
26				8	10	6	7	33	16	8	10	5
27			3	3	10	7	7	9	21	8	9	5
28				4	10	8	7	5	14	10	10	5
29			5	4	7	7	7	203	10	173	10	5
30				3	7	6	6	165	9	24	8	5
31				3	7	6	7	37	11	11	8	
Mean				5	8	7	7	120	91	105	29	64
Max.				8	18	10	10	2540	618	1160	293	1010
Min.				2	2	4	5	5	8	6	6	5
A.F.				287	468	404	419	7380	5400	6480	1810	3810

Total acre-feet 26460

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, AT SYRACUSE
Sec. 27-8-11 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									623	97	50	63
2									11300	89	54	66
3									800	82	107	64
4									347	67	94	61
5									252	54	48	167
6									255	1210	35	153
7									1500	95	40	66
8									438	83	50	56
9									347	88	61	55
10									269	73	82	59
11									1540	507	89	48
12									339	167	112	1460
13									59	204	126	280
14									91	236	117	387
15									114	4100	112	2230
16									76	140	103	202
17									137	54	161	105
18									207	568	1140	61
19									560	284	122	56
20									194	159	95	68
21									286	150	88	66
22									192	552	70	46
23									82	163	63	46
24									97	150	61	198
25									103	140	59	213
26									86	1570	60	148
27									78	930	55	59
28									80	150	55	84
29									77	140	59	73
30									77	136	50	66
31									77	54	60	47
Mean									147	928	170	123
Max.									560	11300	1210	2230
Min.									59	54	50	35
A.F.									5540	55210	10440	10240

Total acre-feet 83730

BUREAU OF IRRIGATION

509

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, AT AUBURN
Sec. 23-5-14 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2020	89	105	70	70	241	338	8680	2000	392	239	305
2	13400	86	110	70	70	575	305	2940	41300	398	234	477
3	1880	102	100	65	70	1300	271	1180	4580	2210	815	302
4	392	102	100	65	70	364	250	894	1180	580	298	264
5	233	107	100	60	70	223	255	750	894	4070	259	551
6	239	100	80	60	70	197	378	644	935	24500	223	1590
7	3060	102	80	56	70	162	389	600	6670	2730	197	343
8	474	107	80	54	70	92	400	568	2640	1020	191	246
9	217	111	80	56	70	75	380	773	838	796	210	246
10	184	113	80	54	70	111	328	1910	623	746	264	255
11	170	110	80	56	70	120	276	712	4070	6620	234	206
12	156	108	77	57	70	120	257	486	964	2080	193	4240
13	142	108	75	58	70	120	320	389	492	1700	526	1730
14	128	110	75	58	70	120	400	343	684	698	712	447
15	128	110	75	58	70	150	269	1410	6060	532	6470	328
16	126	104	75	58	70	200	210	966	1490	465	1310	286
17	124	102	75	60	70	190	176	1410	568	414	432	255
18	123	100	75	60	70	154	176	680	4430	9140	335	241
19	121	98	75	65	70	152	142	1830	1840	1450	305	230
20	119	99	75	65	70	151	156	680	542	548	552	219
21	117	100	75	65	70	135	432	984	2920	447	587	206
22	115	104	75	73	100	257	1040	1090	5150	1110	295	199
23	111	96	75	70	160	743	338	423	2390	420	243	201
24	107	100	75	70	180	300	529	359	2360	346	3800	199
25	106	100	75	70	758	252	8030	705	626	312	2300	271
26	105	100	75	70	1950	150	1260	1530	4280	300	590	250
27	104	100	75	70	613	234	3090	450	3120	290	414	204
28	103	103	73	70	293	994	1260	322	1120	278	429	182
29	102	103	72	70		1600	640	350	501	269	307	180
30	99	105	71	70		510	606	300	441	255	252	204
31	102		70	70		322		300		252		
Mean	795	102	80	64	197	336	763	1118	3524	2109	757	495
Max.	13400	113	110	73	1850	1600	8030	8680	41300	24500	6470	4240
Min.	99	88	70	54	70	75	142	306	441	252	191	180
A.F.	48910	6090	4920	3910	10960	20660	45420	68740	209700	129700	46540	29470

Total acre-feet 625000

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER AT FALLS CITY
Sec. 22-1-16 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3450	169	169	94	75	353	552	30300	726	1480	523	798
2	21200	164	184	90	73	419	458	17700	17900	1290	478	210
3	9400	171	160	91	72	1530	413	6000	8770	5200	523	3590
4	5970	208	150	93	83	850	374	1960	4600	3520	492	6560
5	1810	205	120	93	98	566	344	1300	1950	1990	411	10400
6	492	197	120	93	96	335	450	990	7290	17400	376	6430
7	380	199	120	94	94	269	496	888	17700	7290	349	2790
8	1480	197	120	91	91	205	534	786	12500	2700	331	1410
9	630	192	120	94	94	176	608	738	5330	1660	492	4360
10	447	186	130	97	96	510	648	1540	2940	1460	1920	6080
11	428	216	130	101	90	616	514	1110	2960	19700	670	2980
12	389	202	130	101	85	269	454	950	4020	13500	1790	7140
13	347	186	130	109	79	132	462	690	3550	12700	945	8590
14	326	192	117	123	74	561	529	668	2090	4520	3590	3240
15	314	186	106	127	79	407	461	558	13400	2420	6880	2230
16	284	179	100	131	83	353	365	3650	12600	1340	4570	3240
17	269	208	97	121	88	588	299	4280	3590	1250	1790	1420
18	254	184	100	117	144	490	278	2820	4900	10900	1190	990
19	230	174	105	123	157	398	272	6440	5340	8180	710	848
20	216	179	104	127	166	356	266	3670	4700	3350	1220	762
21	208	174	102	129	156	272	998	1570	8080	1540	1440	690
22	216	164	103	126	210	341	2390	1800	20000	7960	1070	628
23	251	154	105	120	235	704	1040	1280	14400	4200	652	607
24	239	148	108	115	296	716	584	920	8040	3780	4270	572
25	224	139	93	110	795	672	3260	774	5390	1140	3490	572
26	216	138	101	103	1470	454	2730	1520	14600	875	4080	596
27	208	134	104	99	835	362	2670	1220	12400	782	4680	488
28	202	133	101	100	552	744	2260	906	7380	702	3440	453
29	194	150	101	98		2190	1540	762	5110	614	2070	453
30	189	168	98	95		1610	1850	786	2220	582	1010	464
31	179		95	81		880		1060		537	722	
Mean	1640	177	117	106	231	591	937	3211	7816	4663	1867	2713
Max.	21200	216	184	131	1470	2190	3260	30300	20000	19700	8580	10400
Min.	179	133	93	81	72	132	266	558	726	537	331	453
A.F.	100800	10500	7190	6510	12830	36350	55730	197400	465100	286700	114800	161400

Total acre-feet 1455310

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF NEW YORK CREEK AT HERMAN
Sec. 32-20-11 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	1	1	0	1	66	6	255	165	12	4	3
2	19	1	1	0	1	40	5	30	80	174	4	3
3	3	2	1	0	1	10	5	20	25	674	4	3
4	4	2	1	0	1	6	5	15	20	50	4	3
5	6	2	1	0	1	4	6	13	20	30	4	5
6	7	1	1	1	1	1	6	12	18	27	4	4
7	8	2	1	1	1	1	6	9	12	20	4	2
8	9	2	1	1	1	2	2	12	20	20	4	2
9	2	1	1	1	1	1	7	7	17	16	4	2
10	2	1	1	1	1	1	7	20	14	12	4	28
11	1	1	1	1	1	1	6	15	13	12	9	5
12	1	2	1	1	1	2	7	12	13	10	16	36
13	1	2	1	1	1	2	7	11	11	17	47	7
14	1	1	1	1	1	3	7	14	11	9	180	4
15	1	2	1	1	1	4	6	12	12	7	111	4
16	1	1	1	1	1	3	6	11	12	5	15	4
17	1	1	1	1	2	3	5	10	12	4	10	4
18	1	2	1	1	2	4	4	47	10	13	4	9
19	1	1	1	1	2	4	4	10	13	3	9	4
20	1	1	1	1	5	4	7	10	18	2	568	5
21	1	2	1	1	10	4	16	9	19	2	20	5
22	1	1	1	1	13	50	9	7	18	2	12	5
23	1	0	1	1	16	100	7	7	18	2	11	5
24	1	0	1	1	17	120	8	7	20	2	10	6
25	2	0	1	1	19	120	30	11	14	2	9	5
26	2	2	1	1	21	117	10	7	17	3	9	3
27	2	1	0	0	100	45	15	6	15	3	8	3
28	2	1	0	0	669	139	139	6	13	3	7	2
29	2	1	0	0	-----	15	20	6	13	3	6	2
30	1	1	0	0	-----	10	120	6	13	3	6	2
31	2	1	0	0	-----	7	-----	556	13	3	4	-----
Mean	2	1	1	1	32	29	17	38	22	37	36	6
Max.	19	2	1	1	669	139	139	556	165	674	568	36
Min.	1	0	0	0	-----	1	4	6	1	1	1	2
A.F.	129	75	51	50	1770	1770	990	2340	1350	2250	2210	354

Total acre-feet 13340

DISCHARGE IN SECOND-FEET OF NINE MILE DRAIN NEAR McGREW
Sec. 23-21-53 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	210	132	116	103	82	79	71	68	140	145	176	262
2	204	133	114	104	80	81	71	68	141	132	181	246
3	202	130	116	105	82	81	71	78	150	121	190	692
4	206	129	117	101	85	80	73	100	124	117	194	435
5	201	127	113	97	85	80	75	83	141	118	205	264
6	193	127	112	96	85	78	76	86	141	120	202	239
7	174	127	113	93	85	78	75	93	145	114	198	255
8	171	127	112	93	85	76	76	94	141	120	195	228
9	171	122	109	92	85	76	76	90	158	121	196	220
10	169	122	109	89	85	74	78	95	169	128	198	216
11	161	123	109	89	85	73	75	101	145	148	208	209
12	160	123	109	89	85	73	73	89	143	164	215	203
13	156	122	109	90	84	73	73	87	132	152	216	200
14	156	121	105	91	83	73	71	95	128	158	209	201
15	157	118	105	94	84	74	68	96	127	158	201	201
16	154	117	104	93	85	74	68	101	128	155	200	194
17	152	120	104	92	85	74	69	149	133	154	193	203
18	151	121	104	92	83	72	68	132	186	152	198	210
19	150	118	105	93	82	72	70	124	384	142	208	210
20	150	119	105	90	81	74	73	125	223	140	220	203
21	148	121	105	89	82	73	72	130	178	147	220	202
22	146	117	106	89	80	73	71	124	155	159	226	197
23	144	115	105	88	81	71	73	121	205	162	224	198
24	140	115	106	87	80	71	80	122	178	160	233	196
25	138	116	106	87	79	71	76	121	319	157	223	194
26	136	116	104	86	78	71	76	112	185	162	218	193
27	137	116	105	83	78	73	77	110	136	170	220	192
28	137	114	105	83	79	71	74	107	130	181	210	192
29	135	116	106	84	-----	71	72	104	128	178	208	195
30	137	115	105	84	-----	71	70	102	127	174	221	183
31	134	-----	104	85	-----	71	-----	116	-----	169	-----	-----
Mean	161	121	108	91	83	74	75	104	164	148	207	234
Max.	210	133	117	105	85	81	80	149	384	181	233	692
Min.	134	114	104	83	78	71	68	68	124	14	173	183
A.F.	9880	7220	6640	5620	4590	4570	4350	6390	9760	9080	12730	13950

Total acre-feet 94780

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER ABOVE BOX BUTTE
RESERVOIR—Sec. 27-29-50 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	26	23	45	48	42	44	46	38	25	23	59	30
2	27	23	45	44	42	46	46	35	32	23	58	26
3	27	24	42	40	45	45	42	34	30	21	49	166
4	27	24	47	41	42	46	42	31	30	21	39	242
5	30	24	45	40	38	46	43	23	32	21	35	133
6	32	24	48	38	38	52	41	22	42	18	34	78
7	31	24	47	39	37	52	41	24	36	18	33	53
8	33	25	50	40	41	56	41	20	36	17	32	49
9	31	24	47	44	43	57	40	18	36	17	32	48
10	30	30	48	48	44	48	41	18	38	17	31	45
11	28	29	49	47	48	54	39	14	34	17	31	46
12	27	32	50	42	48	48	35	11	32	21	30	46
13	27	34	53	43	45	47	31	11	63	20	30	45
14	26	38	51	43	41	49	30	11	41	19	30	45
15	26	42	52	38	41	54	29	11	38	18	30	43
16	26	40	51	39	40	58	30	13	34	18	29	44
17	26	41	50	40	49	57	30	14	28	18	28	44
18	24	42	54	43	54	55	23	22	26	17	27	43
19	24	40	54	40	54	47	26	22	25	21	26	43
20	24	39	56	38	52	47	27	22	23	20	25	41
21	24	47	53	37	54	47	27	24	21	20	25	40
22	23	45	53	36	54	57	28	26	24	26	24	41
23	21	43	53	39	54	53	25	27	78	25	24	41
24	21	40	55	41	53	56	27	23	54	27	24	41
25	21	41	55	37	53	55	31	20	48	26	23	41
26	20	47	54	45	56	55	32	17	43	31	22	39
27	22	49	40	43	54	55	34	16	38	66	19	36
28	23	53	35	40	55	54	46	16	35	460	18	33
29	22	49	50	40	---	53	44	13	29	83	18	31
30	23	47	50	40	---	51	40	16	28	145	19	32
31	23	---	53	42	---	48	---	15	---	54	24	---
Mean	26	36	50	41	47	51	35	20	36	44	30	56
Max.	33	53	56	48	56	58	46	38	78	460	59	242
Min.	20	23	35	36	37	44	23	11	21	17	18	26
A.F.	1580	2150	3040	2530	2610	3160	2100	1250	2140	2670	1830	3340

Total acre-feet 28400

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
From Niobrara River—Sec. 28-29-49 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	10400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	10580	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	10900	.....	.....	.....	19560	21520	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	11000	.....	.....	.....	.....	.....	24340	25470	23620	22860	21450	18060
12	.....	.....	.....	.....	.....	.....	.....	25470	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	21900	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	11300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	11330	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	11380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	24500	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	24680	.....	23400	21940	19380	18600
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	11600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	11690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	20560	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	23490	.....	.....	.....	.....	.....	.....
30	.....	13960	16700	19010	.....	.....	25350	.....	.....	.....	.....	17820
31	11830	.....	.....	.....	.....	.....	.....	23900	.....	22590	15920	.....

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR—Sec. 28-29-49 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	2	1	62	1	1	77
2	0	0	0	0	0	0	2	1	62	1	1	120
3	0	0	0	0	0	0	1	1	49	1	1	0
4	0	0	0	0	0	0	1	1	37	1	1	0
5	1	0	0	0	0	0	0	1	15	15	52	0
6	1	0	0	0	0	1	1	1	15	29	93	0
7	1	0	0	0	0	1	1	1	15	29	121	1
8	0	1	0	0	0	1	1	1	15	56	140	1
9	1	1	0	0	0	1	1	1	15	81	155	1
10	1	0	0	0	0	1	1	1	17	102	166	1
11	1	0	0	0	0	1	1	1	17	115	161	1
12	1	0	0	0	0	1	1	43	17	94	148	1
13	1	0	0	0	0	1	1	61	17	93	146	1
14	1	0	0	0	0	1	1	61	30	93	138	1
15	1	0	0	0	0	1	1	61	30	81	123	1
16	1	0	0	0	0	1	1	61	44	71	120	0
17	1	0	0	0	0	1	1	65	44	71	114	16
18	0	0	0	1	0	1	1	65	42	77	114	37
19	0	0	0	1	0	1	1	65	42	89	115	54
20	0	0	0	1	0	1	1	65	42	112	126	60
21	0	0	0	0	0	1	1	54	39	143	134	74
22	0	0	0	1	0	1	1	22	32	143	161	73
23	0	0	0	1	0	1	1	24	11	141	150	72
24	0	0	0	0	0	1	1	32	1	141	150	66
25	1	0	0	0	0	1	1	32	1	157	150	62
26	1	0	0	0	0	1	1	32	1	174	150	62
27	1	0	0	0	0	1	1	33	1	174	150	60
28	1	0	1	0	0	1	1	33	1	80	148	54
29	0	0	1	0	0	2	1	41	1	1	150	54
30	0	0	1	0	0	1	1	57	1	1	153	34
31	1	0	0	0	0	1	1	62	1	1	135	1
Mean	1	0	0	0	0	1	1	32	23	76	118	33
Max.	1	1	1	1	0	2	2	65	62	174	166	120
Min.	0	0	0	0	0	0	1	1	1	1	1	0
A.F.	34	21	14	21	17	50	50	1940	1390	4690	7270	1950

Total acre-feet 17450

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR HAY SPRINGS Sec. 23-29-46 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	27	25	25	30	25	31	20	27	15	78	123
2	25	25	25	25	30	25	33	16	29	15	54	66
3	25	27	25	25	30	25	29	13	25	13	50	206
4	31	23	25	25	30	25	29	13	25	11	54	874
5	25	23	25	25	30	25	29	13	29	13	78	91
6	20	22	25	30	30	25	29	13	41	8	33	47
7	23	22	25	30	30	25	27	11	31	6	54	81
8	23	23	25	30	30	13	25	10	22	4	54	78
9	22	30	25	30	30	29	23	10	20	6	15	47
10	29	30	25	30	30	25	18	13	27	10	33	33
11	29	30	25	30	30	20	25	13	25	35	56	37
12	27	30	25	30	30	18	13	10	25	41	66	45
13	29	30	25	30	30	23	15	13	22	29	84	37
14	31	30	25	30	30	28	11	18	23	27	183	29
15	31	30	25	30	30	20	13	15	23	23	63	41
16	31	30	25	30	30	20	16	23	33	18	76	37
17	29	30	25	30	30	18	13	27	35	20	54	25
18	29	30	25	30	30	13	13	25	60	20	54	24
19	31	30	25	30	30	13	10	18	48	23	190	23
20	35	25	25	30	30	18	16	18	10	20	108	22
21	35	25	25	30	30	25	16	22	13	27	45	25
22	31	25	25	30	30	27	15	25	18	20	27	25
23	31	25	25	30	30	23	16	18	22	18	23	22
24	29	25	25	30	30	22	27	23	41	13	35	20
25	27	25	25	30	30	25	27	23	41	10	25	15
26	27	25	25	30	30	25	31	11	39	8	16	15
27	29	25	10	30	30	29	33	10	31	68	15	13
28	29	25	10	30	30	31	27	13	37	2200	15	15
29	29	25	10	30	30	29	27	11	29	450	18	11
30	31	25	10	30	30	31	23	15	20	220	35	8
31	37	10	30	30	30	29	16	16	16	136	35	35
Mean	28	27	23	29	30	24	22	16	29	114	56	71
Max.	37	30	25	30	30	31	33	27	60	2200	190	874
Min.	18	22	10	25	30	13	10	10	10	4	15	8
A.F.	1730	1580	1390	1800	1670	1450	1310	987	1730	6980	3420	4230

Total acre-feet 28280

BUREAU OF IRRIGATION

513

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR GORDON
Sec. 26-31-42 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	135	121	108	135	135	105	153	135	135	102	145	303
2	138	128	101	120	135	100	153	128	135	105	139	269
3	131	125	84	120	135	68	157	114	111	91	128	556
4	121	128	75	120	135	92	164	111	111	85	120	739
5	111	125	64	125	135	86	176	118	118	82	115	459
6	102	125	68	119	135	94	180	111	108	82	110	197
7	102	128	69	117	139	46	153	111	114	82	112	147
8	102	125	82	112	139	27	153	108	111	75	110	142
9	108	131	88	110	146	40	149	108	108	72	130	130
10	111	96	114	108	157	37	168	105	111	82	155	121
11	108	114	122	105	170	42	138	108	121	108	223	118
12	102	105	111	100	160	43	128	105	114	138	188	110
13	96	88	117	99	150	57	135	99	108	128	177	104
14	102	91	117	105	148	74	161	96	114	128	191	104
15	105	85	113	114	153	112	176	105	99	111	210	100
16	111	94	108	108	160	125	157	114	96	105	207	102
17	108	99	107	121	161	105	168	135	99	105	197	98
18	108	111	105	114	162	108	172	125	125	99	182	98
19	111	118	105	114	161	102	168	128	161	96	177	98
20	114	111	110	111	163	111	180	141	131	91	240	102
21	114	110	118	121	168	121	141	149	118	99	150	106
22	121	90	128	118	184	145	135	141	125	102	120	112
23	121	80	138	108	161	168	118	131	145	102	110	114
24	118	70	138	121	142	161	111	118	149	91	110	116
25	114	80	125	131	121	157	135	114	141	82	110	112
26	111	90	100	125	131	168	121	111	128	80	110	110
27	111	100	100	130	142	141	114	91	114	88	110	108
28	111	120	121	130	118	135	114	88	114	1610	110	112
29	111	118	128	130	-----	141	149	91	138	418	110	110
30	111	118	128	130	-----	135	145	99	118	210	120	114
31	118	131	130	130	-----	135	-----	-----	-----	165	190	-----
Mean	112	107	107	118	148	103	149	114	121	162	149	174
Max.	138	131	138	135	170	168	180	149	161	1610	240	739
Min.	96	70	84	99	118	27	111	88	96	72	110	98
A.F.	6920	6390	6590	7240	8220	6310	8870	7040	7180	9950	9140	10340

Total acre-feet 94190

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR CODY
Sec. 23-33-34 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	314	298	310	302	340	328	342	360	332	342	355	404
2	324	302	298	278	400	342	332	319	355	328	328	584
3	306	302	278	274	450	250	332	302	342	332	302	520
4	302	298	278	274	332	260	328	302	332	294	282	1100
5	290	298	100	282	319	346	332	302	332	298	270	1740
6	282	302	120	270	310	400	342	310	346	302	258	807
7	290	302	160	266	300	370	342	298	400	302	262	500
8	270	310	200	258	310	280	332	294	360	290	258	420
9	270	278	250	258	328	150	328	319	337	298	270	395
10	270	220	270	270	355	250	324	302	328	306	274	385
11	266	274	310	266	350	282	328	302	360	319	400	365
12	282	314	330	258	370	282	319	294	337	355	413	370
13	290	328	355	278	350	319	310	302	324	355	332	360
14	282	328	346	274	350	346	310	302	319	346	365	346
15	278	324	310	290	350	430	302	319	306	337	324	337
16	294	314	290	314	385	405	306	328	314	310	332	324
17	290	310	270	306	400	365	306	355	346	298	319	324
18	290	306	250	306	385	332	306	460	346	286	314	328
19	294	302	250	310	380	324	314	425	360	270	324	324
20	286	302	270	282	380	324	346	435	480	258	425	332
21	290	314	300	258	390	342	355	475	365	270	328	319
22	290	310	330	282	380	342	346	430	380	274	290	319
23	290	278	350	306	337	355	342	405	415	274	270	314
24	290	160	350	306	360	365	355	400	405	270	270	319
25	294	238	320	319	400	370	390	385	380	254	266	310
26	290	319	250	342	355	346	425	350	380	242	266	306
27	294	370	280	200	365	375	430	324	370	238	258	306
28	290	365	290	220	360	365	400	314	350	286	258	294
29	270	342	290	250	-----	350	385	314	346	2130	258	290
30	282	310	300	300	-----	355	370	306	314	695	270	298
31	294	-----	300	320	-----	346	-----	306	-----	430	274	-----
Mean	289	301	278	281	360	332	343	343	355	374	304	445
Max.	324	370	355	342	450	430	430	475	480	2130	425	1740
Min.	266	160	100	200	300	150	302	294	306	238	258	290
A.F.	17740	17890	10770	17290	20020	20390	20390	21100	21150	22990	18670	26460

Total acre-feet 241160

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPARKS
 Sec. 22-34-26 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	874	782	885	828	700	1060	874	862	1030	885	1880	862
2	921	793	730	748	900	933	897	804	1040	957	957	1180
3	921	828	450	718	1300	708	828	770	969	921	762	1180
4	816	770	520	688	1100	782	850	782	957	874	760	1540
5	862	793	300	592	950	1100	874	804	897	839	697	1770
6	850	782	250	530	900	993	909	728	874	804	708	2100
7	828	782	400	699	900	1030	933	782	1180	804	697	1270
8	793	804	500	755	900	350	874	793	1070	782	687	1100
9	793	628	650	781	900	500	862	850	981	793	708	1030
10	793	628	850	729	1000	749	839	921	945	839	728	993
11	793	739	1050	603	1000	656	862	839	921	933	874	921
12	782	969	1100	605	1000	749	850	816	945	1030	993	945
13	839	909	1100	691	1000	885	828	816	921	1060	828	909
14	804	909	1020	672	1000	885	816	945	945	1000	909	862
15	816	862	957	746	1000	981	839	897	874	933	1030	850
16	828	816	897	804	1000	1240	804	993	850	969	828	862
17	816	816	969	863	1000	1150	782	993	770	862	782	828
18	850	804	921	850	1000	957	782	1080	1180	850	804	828
19	850	782	945	910	1000	676	839	1230	969	760	749	850
20	828	828	957	740	1000	718	885	1100	993	749	1260	828
21	850	828	969	602	1000	945	909	1110	957	770	969	850
22	862	816	981	736	980	1380	897	1110	969	782	793	828
23	862	400	957	863	970	1150	850	1030	1120	739	782	816
24	793	380	897	696	1190	993	897	921	1180	728	782	828
25	804	520	921	698	1240	957	921	969	1030	718	793	839
26	770	750	700	759	1220	961	897	945	1040	687	749	804
27	793	900	790	584	1100	933	969	816	993	687	749	793
28	782	1000	793	300	1220	969	897	828	957	739	728	782
29	770	957	897	400	-----	933	862	828	957	1900	760	782
30	750	885	828	400	-----	909	874	885	839	2170	957	770
31	804	-----	862	556	-----	874	897	-----	-----	997	885	-----
Mean	823	782	805	679	1013	907	867	908	978	921	858	993
Max.	921	1000	1100	910	1240	1380	969	1230	1180	2170	1880	2100
Min.	760	380	250	300	700	350	782	728	770	687	687	770
A.F.	50590	46530	49480	41750	56270	5790	51570	55820	58220	56650	52780	59090

Total acre-feet 634540

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER AT MEADVILLE
 Sec. 13-32-22 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1160	980	1050	1100	950	1350	1230	1320	1500	1330	2820	1230
2	1160	1000	1050	1070	1120	1250	1250	1300	1750	1500	1340	1580
3	1130	970	1000	1030	1270	1100	1250	1200	1550	1480	1230	2120
4	1070	1050	850	980	1300	900	1150	1120	1400	1380	1050	2150
5	1050	920	600	980	1230	1050	1210	1070	1320	1300	1020	2310
6	1100	900	450	900	1120	1230	1170	1080	1300	1230	1000	2840
7	1050	900	500	820	1080	1180	1200	1020	1470	1150	980	2000
8	1000	920	600	850	1150	1050	1220	980	1650	1120	960	1680
9	970	940	750	900	1390	550	1120	930	1500	1100	1030	1700
10	930	750	900	950	1320	650	1050	1070	1500	1150	980	1550
11	920	720	1050	930	1270	840	1030	1170	1520	1200	1110	1430
12	920	900	1100	960	1300	750	1030	1270	1400	1280	1250	1380
13	940	1250	1200	900	1260	850	1030	1110	1300	1320	1430	1300
14	1030	1150	1250	1000	1330	1100	1020	1320	1250	1420	2120	1270
15	1000	1150	1200	1030	1310	1180	1050	1210	1320	1400	2280	1200
16	960	1070	1150	1080	1310	1300	1040	1320	1250	1300	2050	1140
17	930	1000	1120	1100	1300	1480	1050	1300	1280	1320	1850	1120
18	870	950	1130	1200	1320	1300	1120	1320	1500	1250	1620	1120
19	1000	940	1100	1050	1310	1100	1150	1480	2000	1150	1340	1140
20	1030	930	1150	970	1300	900	1200	1550	1600	1080	1680	1150
21	1000	980	1190	670	1310	1410	1170	1400	1600	1050	1410	1140
22	1030	960	1220	730	1340	2390	1220	1500	1500	1100	1200	1220
23	1020	940	1200	800	1300	2470	1260	1600	1550	1170	1050	1180
24	1000	450	1150	850	1290	1980	1300	1550	1650	1060	1020	1050
25	950	550	1100	880	1550	1950	1250	1450	1600	1000	1000	1070
26	1000	670	1000	800	1500	2080	1350	1320	1380	1050	1020	1000
27	940	1040	900	620	1500	1430	1450	1130	1460	1080	1190	1030
28	960	1200	850	500	1450	1210	1400	1090	1500	1100	1070	1150
29	970	1160	950	410	-----	1250	1240	1080	1400	1680	1030	930
30	950	1100	1030	390	-----	1250	1350	1200	1430	3230	1150	910
31	950	-----	1050	730	-----	1250	-----	1300	-----	1980	1110	-----
Mean	1003	948	995	877	1292	1283	1185	1250	1481	1321	1335	1403
Max.	1160	1250	1250	1200	1550	2470	1450	1600	2000	3230	2820	2840
Min.	920	450	450	390	950	550	1020	930	1250	1000	960	910
A.F.	61670	56410	61170	53910	71780	78900	70530	76880	88130	81240	82100	83480

Total acre-feet 866180

BUREAU OF IRRIGATION

515

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPENCER
Sec. 30-33-11 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1940	1210	1250	1470	484	2480	1700	2120	4060	2390	1870	1550
2	2140	1320	1070	1450	428	2070	1700	1950	5980	2760	3440	1480
3	2100	1270	1050	1340	386	1520	1680	1710	3940	4200	1820	1610
4	2000	1210	1000	1210	434	1160	1760	1550	2750	2360	1610	2210
5	1780	1290	600	1140	529	1360	1680	1430	2500	1950	1450	2410
6	1650	1240	400	1100	1020	1360	1650	1410	2080	1800	1440	2610
7	1710	1200	370	998	1460	1450	1750	1400	2020	1580	1430	3180
8	1520	1000	400	946	1740	1160	1910	1270	2070	1550	1420	2400
9	1570	900	530	934	1740	998	1780	1320	2200	1640	1410	5370
10	1500	726	670	1050	1530	850	1650	1600	2150	2140	1400	3630
11	1400	932	820	1130	1540	862	1710	1540	1950	2580	1700	2370
12	1400	1020	1080	1280	1540	770	1710	1500	1820	2800	2080	2870
13	1400	1530	1340	1340	1560	780	1600	1420	1980	2830	2590	2720
14	1400	2100	1900	1260	1430	1050	1620	2260	1660	2540	3780	2090
15	1400	1920	1810	1340	1440	1340	1500	4080	1600	2300	4020	1930
16	1400	1530	1670	1410	1720	1430	1390	3960	1620	2080	2540	1880
17	1400	1430	1570	1450	1630	1670	1430	3300	1730	1880	2350	1770
18	1400	1350	1470	1540	2420	2100	1380	3800	3800	1560	2200	1730
19	1400	1160	1540	1540	2450	2160	1380	3110	5100	1520	2500	1610
20	1400	921	1450	1430	2480	1950	1730	2960	4470	1440	3080	1610
21	1400	1340	1570	1210	2520	1650	2310	2730	3340	1430	3880	1780
22	1400	1600	1700	1110	2610	1980	1850	2360	3350	1500	2640	1660
23	1400	1000	1810	1070	2680	3070	1870	2210	3220	1590	1920	1900
24	1400	450	1900	1050	2610	3630	2360	1930	3670	1270	1690	2130
25	1380	515	1840	937	2650	3900	2550	1880	3490	1200	1460	2000
26	1260	588	1600	843	2480	5390	2210	1850	7060	1180	1830	1840
27	1360	726	1400	616	2380	5020	2200	1580	3680	1150	3650	1550
28	1230	1650	1200	484	2550	3180	2140	1510	3670	1260	1670	1530
29	1200	2130	1070	420	.....	2350	1930	1540	2850	1170	1400	1460
30	1240	1700	1110	388	.....	1800	1950	1740	2420	1350	1470	1400
31	1370	.....	1340	384	.....	1700	.....	2380	.....	2950	1430	.....
Mean	1502	1232	1243	1094	1737	2006	1802	2110	3074	1934	2167	2143
Max.	2140	2130	1900	1540	2680	5390	2550	4080	7060	4200	4020	5370
Min.	1200	450	370	388	386	770	1380	1270	1600	1150	1400	1400
A.F.	92330	73310	76420	67240	96480	123400	107200	129700	182900	118900	133200	127500

Total acre-feet 1328580

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR DANNEBROG
Sec. 8-13-11 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	2	2	1	4	2	54	79	6	0	3
2	15	1	2	2	2	4	2	16	20	7	0	0
3	26	2	2	2	2	4	2	10	10	532	0	3
4	21	2	2	1	2	3	2	5	6	573	0	3
5	5	2	2	2	2	3	3	4	5	47	0	11
6	2	1	2	1	2	2	4	4	5	16	0	34
7	1	1	2	1	2	3	3	3	4	9	0	40
8	0	1	2	1	2	1	3	3	4	6	0	11
9	0	1	1	1	2	1	2	2	4	5	1	5
10	0	1	1	2	2	1	2	2	4	5	19	3
11	0	1	2	2	2	1	2	3	4	7	11	2
12	0	1	2	2	2	2	2	3	3	5	4	2
13	0	2	2	2	2	2	2	3	3	6	11	90
14	0	2	2	2	2	2	2	3	3	8	9	34
15	0	2	2	2	2	3	2	1	106	6	8	8
16	0	2	2	2	2	2	2	3	25	4	4	4
17	1	2	2	2	2	1	1	65	7	3	2	3
18	1	2	2	2	2	2	2	123	18	3	3	2
19	1	1	2	2	2	2	2	112	26	3	2	1
20	1	1	2	1	1	2	2	17	18	2	2	1
21	1	2	2	1	1	2	4	8	6	2	2	1
22	2	2	2	1	1	7	4	5	4	4	2	1
23	2	2	2	1	1	14	3	4	74	1	1	1
24	2	2	2	1	4	5	2	64	1	1	1	1
25	2	2	2	1	4	5	2	114	1	1	2	1
26	1	1	1	1	4	5	2	147	1	1	4	1
27	1	1	2	0	4	5	413	20	10	1	3	1
28	1	1	2	0	3	5	79	2	2	1	4	1
29	1	1	2	0	3	3	16	2	10	1	3	1
30	1	2	3	1	3	3	21	24	7	1	4	1
31	1	.....	3	1	.....	2	.....	935	.....	1	4	.....
Mean	3	2	2	1	2	3	20	46	27	41	4	9
Max.	26	2	3	3	4	14	413	935	147	573	25	90
Min.	0	1	1	0	1	1	2	2	3	1	0	1
A.F.	182	92	130	87	133	179	1180	2830	1600	2510	238	538

Total acre-feet 9700

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF OMAHA CREEK AT HOMER
Sec. 12-27-8 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	8	8	9	1	4	11	26	229	47	34	20	29	
2	31	8	10	1	6	9	29	73	206	48	22	30	
3	19	14	9	1	7	8	33	52	48	389	24	30	
4	10	11	9	1	7	7	32	46	41	51	21	31	
5	10	9	8	1	7	9	13	30	42	39	41	20	32
6	10	9	8	1	3	9	49	40	39	38	20	30	
7	10	9	7	1	3	8	38	38	43	36	18	28	
8	9	9	8	1	3	8	47	37	43	34	18	28	
9	8	9	7	3	3	9	43	46	36	30	18	28	
10	8	12	7	5	3	9	34	90	34	36	25	43	
11	8	12	7	5	3	8	32	44	34	40	20	41	
12	7	14	7	6	4	8	26	42	32	44	20	1260	
13	7	16	7	6	4	9	34	39	30	51	30	77	
14	8	16	7	6	4	9	47	52	30	34	1300	44	
15	6	12	6	6	4	10	34	48	92	30	70	40	
16	6	11	6	6	10	12	26	45	64	28	25	37	
17	7	9	6	6	21	10	29	56	31	26	22	36	
18	6	9	6	6	28	9	29	64	124	154	19	34	
19	6	9	8	6	38	9	26	46	198	36	30	34	
20	6	10	7	6	48	8	29	45	85	32	427	32	
21	7	8	8	6	54	8	67	34	47	30	59	32	
22	6	7	9	6	56	17	43	34	46	28	28	34	
23	8	4	10	6	59	60	32	32	49	26	28	32	
24	8	5	6	6	60	200	39	30	149	26	32	35	
25	7	6	5	5	58	500	47	32	47	25	37	34	
26	7	6	3	3	62	1480	40	31	146	25	42	34	
27	8	6	4	4	34	865	60	26	39	117	419	30	
28	7	7	3	3	16	154	49	24	36	27	49	28	
29	7	7	3	4	153	41	30	34	25	32	30	30	
30	7	9	3	5	---	37	58	27	34	22	33	30	
31	7	3	3	5	---	29	---	64	---	21	30	---	
Mean	7	9	7	4	22	115	38	50	64	51	96	77	
Max.	31	16	9	6	62	1480	67	229	206	389	1300	1260	
Min.	7	4	---	---	3	8	26	24	30	21	18	28	
A.F.	529	559	410	256	1210	7100	2280	3050	3810	3140	5870	4590	

Total acre-feet 32800

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR MEADVILLE
Sec. 11-32-22 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	97	86	91	85	85	86	230	122	196	175	120	110
2	104	86	86	83	85	80	163	120	259	130	150	108
3	100	86	91	85	85	80	83	112	330	127	181	112
4	99	86	89	85	85	83	88	106	330	134	140	134
5	99	86	75	85	85	86	89	102	346	134	124	154
6	99	85	88	85	85	88	97	99	302	127	115	163
7	95	86	95	88	85	80	94	93	286	127	104	166
8	91	86	97	89	85	81	99	91	306	124	95	172
9	93	85	95	91	85	88	97	91	312	124	95	176
10	93	86	93	85	85	88	97	93	260	124	95	196
11	89	86	110	85	85	80	97	93	210	134	97	181
12	89	88	99	86	89	85	99	91	202	154	99	199
13	89	89	93	85	83	91	95	93	193	175	97	199
14	89	89	89	85	85	89	97	134	187	193	112	193
15	89	89	86	86	88	93	95	178	181	196	120	181
16	89	88	86	86	91	93	97	196	175	196	124	160
17	86	86	86	86	85	91	99	234	166	187	117	130
18	88	88	88	86	86	88	100	240	243	178	108	132
19	88	88	88	86	86	83	100	212	332	154	110	132
20	86	88	88	80	86	88	112	180	384	137	140	127
21	88	88	88	83	86	89	117	157	427	132	195	127
22	88	89	89	86	86	93	112	199	380	124	202	122
23	88	71	89	88	88	102	117	212	346	112	178	124
24	88	85	83	85	88	99	137	196	320	112	163	124
25	86	102	77	85	200	100	169	178	300	106	154	120
26	88	102	75	89	137	102	208	154	289	104	132	120
27	88	91	78	89	88	112	216	134	325	134	124	115
28	86	89	83	85	88	109	212	120	259	127	120	112
29	86	89	83	85	---	102	180	117	227	124	120	110
30	88	89	83	85	---	100	135	120	208	117	115	108
31	88	83	85	---	99	---	---	175	---	110	110	---
Mean	91	88	88	86	92	90	125	143	276	140	128	144
Max.	104	102	110	91	200	112	230	240	427	196	202	199
Min.	86	71	75	80	83	61	83	91	166	104	95	108
A.F.	5580	5220	5410	5270	5100	5570	7410	8810	16430	8590	7850	8550

Total acre-feet 89790

BUREAU OF IRRIGATION

517

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR SMITHFIELD
Sec. 15-8-21 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	48	2	1	1
2	0	0	0	0	0	0	0	0	216	2	1	2
3	2	0	0	0	0	0	0	0	24	1	49	2
4	3	0	0	0	0	0	0	0	6	1	25	16
5	3	0	0	0	0	0	0	0	3	1	3	35
6	3	0	0	0	0	0	0	0	2	1	4	54
7	1	0	0	0	0	0	0	0	5	0	28	24
8	2	0	0	0	0	0	0	0	96	0	36	5
9	1	0	0	0	0	0	0	0	258	0	4	2
10	1	0	0	0	0	0	0	0	502	0	1	1
11	0	0	0	0	0	0	0	0	222	0	1	1
12	0	0	0	0	0	0	0	0	30	51	0	0
13	0	0	0	0	0	0	0	0	6	102	24	0
14	0	0	0	0	0	0	0	0	25	69	9	0
15	0	0	0	0	0	0	0	0	119	6	13	0
16	0	0	0	0	0	0	0	0	124	4	6	0
17	0	0	0	0	0	0	0	0	15	1	2	0
18	0	0	0	0	0	0	0	14	5	3	0	0
19	0	0	0	0	0	0	0	55	3	18	0	0
20	0	0	0	0	0	0	0	34	2	3	0	0
21	0	0	0	0	0	0	0	57	10	5	0	0
22	0	0	0	0	0	0	0	141	216	1	0	0
23	0	0	0	0	0	0	0	160	223	1	0	0
24	0	0	0	0	0	0	0	10	216	1	0	0
25	0	0	0	0	0	0	0	20	39	1	0	0
26	0	0	0	0	0	0	0	1	261	1	0	0
27	0	0	0	0	0	0	0	0	231	1	3	0
28	0	0	0	0	0	0	0	0	245	1	5	0
29	0	0	0	0	0	0	0	108	15	1	2	0
30	0	0	0	0	0	0	0	82	5	1	1	0
31	0	0	0	0	0	0	0	23	1	1	0	0
Mean	0	0	0	0	0	0	0	22	106	9	7	5
Max.	3	0	0	0	0	0	0	160	502	102	49	54
Min.	0	0	0	0	0	0	0	0	2	0	0	0
A.F.	32	0	0	0	0	0	0	1360	6290	546	440	287

Total acre-feet 8960

DISCHARGE IN SECOND-FEET OF PONCA CREEK AT ANOKA
Sec. 9-39-13 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	243	5	0	3	1	32	54	62	220	100	11	33
2	112	7	0	4	0	33	50	58	521	171	10	23
3	61	7	1	3	0	20	40	53	365	171	9	24
4	33	7	1	3	0	11	40	48	195	127	8	29
5	24	7	1	3	0	9	40	40	114	134	8	44
6	18	6	2	2	1	8	43	31	81	96	7	33
7	13	8	2	1	1	7	43	28	65	73	6	27
8	11	7	2	2	1	7	35	25	61	70	5	32
9	11	7	2	2	1	6	30	23	48	70	6	188
10	9	7	2	2	0	4	30	29	38	70	6	298
11	9	7	2	2	2	3	27	36	31	70	7	211
12	8	7	2	2	1	3	25	27	25	78	62	181
13	8	7	2	2	1	4	30	23	22	89	350	245
14	7	10	2	3	1	4	35	50	19	60	556	197
15	7	9	2	2	1	4	31	134	16	60	780	135
16	7	8	2	3	1	180	29	258	14	60	508	102
17	7	8	2	2	1	500	27	250	11	60	305	85
18	7	8	2	3	2	450	27	292	43	42	211	70
19	7	6	2	3	2	450	27	230	567	35	139	59
20	7	5	2	3	3	450	34	191	635	30	620	48
21	6	9	3	3	3	450	49	135	335	28	664	44
22	7	4	3	2	5	700	49	102	184	25	268	38
23	7	0	3	2	8	900	69	76	125	25	128	37
24	7	0	3	2	19	505	95	63	120	24	90	39
25	7	0	3	2	26	410	81	61	511	22	50	32
26	7	0	2	2	26	298	64	49	1030	18	38	35
27	7	0	2	2	24	240	69	40	401	17	383	30
28	6	0	3	2	27	155	62	38	206	17	236	27
29	5	0	3	2	81	53	39	142	17	78	26	26
30	6	0	3	1	64	50	70	100	15	59	26	26
31	6	0	3	1	54	56	56	56	11	42	11	42
Mean	22	5	2	2	6	195	45	84	208	61	182	80
Max.	243	10	3	4	27	900	95	292	1030	171	760	290
Min.	5	0	0	0	0	3	25	23	11	11	5	24
A.F.	1350	314	132	143	314	11990	2650	5190	12390	3740	11170	4780

Total acre-feet 54160

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF PRAIRIE CREEK NEAR SILVER CREEK
Sec. 29-16-3 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	8	10	8	4	29	50	75	611	62	19	14
2	19	8	11	8	5	27	38	76	798	71	18	14
3	19	8	9	7	6	27	32	82	1030	54	17	15
4	16	8	8	7	6	28	27	80	938	52	17	14
5	16	8	8	7	6	29	26	69	700	67	16	19
6	16	8	5	6	6	24	32	63	410	65	16	21
7	15	8	5	5	7	39	33	50	257	50	16	19
8	22	8	5	5	6	28	42	42	185	44	15	20
9	22	7	6	6	5	24	44	36	149	39	16	23
10	18	7	6	6	5	19	41	34	139	37	20	23
11	14	7	6	7	5	24	34	31	264	39	20	21
12	13	7	6	7	6	18	31	28	177	40	22	20
13	13	7	7	8	4	20	26	26	115	48	34	19
14	12	11	7	8	5	18	25	26	99	55	42	18
15	11	11	7	8	4	19	22	26	131	62	34	16
16	11	10	6	8	4	18	21	25	121	62	32	15
17	11	10	7	8	4	24	21	28	90	61	30	14
18	11	10	7	8	4	30	19	33	95	74	28	13
19	11	9	7	7	4	30	18	38	112	52	26	13
20	10	8	7	6	4	38	21	56	98	40	30	16
21	10	7	6	6	4	31	38	106	92	34	32	14
22	10	8	7	5	4	30	47	106	76	30	24	13
23	10	8	8	6	19	38	61	76	65	28	20	13
24	9	8	8	6	19	33	70	54	58	26	18	14
25	9	7	8	6	20	40	59	46	54	25	17	13
26	9	8	8	6	21	31	46	39	65	23	16	13
27	9	10	6	4	24	29	55	33	70	22	19	12
28	8	10	4	3	24	34	80	31	57	21	18	11
29	8	10	6	3	---	35	91	30	53	21	16	11
30	8	10	8	3	---	44	86	29	47	21	16	11
31	8	---	8	3	---	57	---	215	---	19	14	---
Mean	13	8	7	6	8	30	41	54	239	43	22	16
Max.	22	11	11	8	24	57	91	215	1030	74	44	23
Min.	8	7	4	3	4	18	18	25	47	19	14	11
A.F.	781	504	427	374	473	1810	2450	3350	14190	2670	1370	936

Total acre-feet 29340

DISCHARGE IN SECOND-FEET OF PRAIRIE DOG CREEK NEAR WOODRUFF,
KANSAS—Sec. 33-1-18 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	18	12	18	4	20	15	14	62	166	304	47
2	135	18	12	17	4	33	14	14	66	140	126	51
3	113	18	12	14	4	44	14	13	48	132	98	50
4	89	17	12	15	7	34	14	13	42	137	92	723
5	38	17	11	12	20	29	15	11	38	122	78	1300
6	27	18	10	14	16	23	16	11	40	111	72	1580
7	26	19	11	17	13	20	15	10	131	102	71	1930
8	25	18	10	19	16	17	15	11	1060	93	76	1800
9	24	18	11	15	11	18	17	11	1660	89	67	1030
10	24	17	11	14	12	16	16	12	392	87	72	1030
11	23	16	12	16	13	16	15	12	477	1060	740	498
12	22	17	12	16	14	15	14	11	770	2570	686	324
13	22	17	13	13	15	13	14	22	206	4650	238	195
14	22	16	15	14	14	14	14	27	350	7830	158	150
15	22	19	17	13	10	14	14	21	287	4450	1280	127
16	22	16	17	14	9	14	14	25	283	2800	891	114
17	21	16	17	14	16	16	14	27	243	1610	203	107
18	21	15	16	16	26	17	14	21	186	568	110	103
19	21	14	15	15	19	20	13	20	154	415	83	91
20	21	14	17	16	44	19	13	68	108	327	72	87
21	21	14	18	15	43	15	30	873	103	253	68	81
22	22	15	15	9	36	18	19	926	480	850	63	73
23	22	14	16	11	34	14	18	582	1310	890	63	71
24	21	12	17	13	44	14	17	789	1750	499	64	68
25	20	15	16	14	35	14	17	459	2120	286	63	66
26	20	14	17	14	29	14	15	292	1310	204	63	66
27	20	13	15	15	27	14	15	592	548	166	56	63
28	20	12	14	9	30	14	17	287	247	1460	64	62
29	20	12	13	8	---	14	17	208	307	274	54	61
30	20	12	16	5	---	15	17	158	276	340	50	57
31	19	15	15	4	---	15	15	81	---	481	49	---
Mean	31	16	14	14	20	18	16	181	502	1070	199	402
Max.	135	19	18	19	44	44	30	926	2120	7830	1280	1930
Min.	19	12	10	4	4	13	13	10	38	87	49	47
A.F.	1930	934	862	832	1120	1140	936	11150	29860	65780	12250	23930

Total acre-feet 150720

DISCHARGE IN SECOND-FEET OF PUMPKINSEED CREEK NEAR BRIDGE-PORT—Sec. 12-19-50 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	34	30	30	35	28	31	38	21	15	69	39	60
2	34	31	30	34	30	32	38	20	28	65	35	129
3	34	31	30	30	30	30	37	20	28	60	29	1450
4	34	29	30	33	30	32	28	18	26	48	32	527
5	33	28	27	33	34	36	25	15	20	34	38	148
6	33	28	27	34	32	33	25	12	24	22	38	109
7	32	28	27	30	33	32	23	11	24	10	37	69
8	32	28	32	30	34	32	24	11	31	9	28	73
9	33	28	32	33	35	32	25	13	42	9	24	70
10	33	28	32	36	35	32	26	13	32	14	24	77
11	32	28	32	34	33	32	24	14	42	19	23	58
12	32	28	32	35	32	32	24	14	42	19	21	53
13	32	28	32	35	32	35	23	17	55	19	20	50
14	32	30	35	35	27	36	22	30	40	17	20	50
15	29	30	35	36	31	34	22	32	32	15	28	55
16	26	30	35	36	34	35	24	17	33	17	28	57
17	28	30	35	36	37	36	25	20	37	17	24	54
18	26	30	35	36	33	36	26	33	78	16	19	50
19	27	30	35	36	33	34	56	26	60	17	19	47
20	26	30	35	34	33	37	68	24	41	24	19	47
21	26	30	35	32	33	36	61	24	40	19	18	52
22	27	30	35	34	33	36	32	22	43	18	17	48
23	27	30	36	36	32	34	29	42	543	24	16	46
24	26	30	36	33	32	33	28	44	225	24	11	46
25	24	30	36	34	31	34	34	28	90	21	11	44
26	29	30	36	34	30	34	44	21	70	18	15	44
27	30	30	35	28	31	34	40	20	59	20	14	49
28	30	30	34	28	30	34	37	20	48	30	12	62
29	30	30	34	28	30	37	26	20	49	34	12	62
30	30	30	34	28	30	40	22	17	55	34	15	62
31	30	30	34	28	30	38	11	11	64	27	23	126
Mean	30	29	33	33	32	34	32	21	54	63	39	1450
Max.	34	30	33	36	37	40	68	44	643	69	11	44
Min.	24	28	28	27	27	30	22	11	15	9	11	44
A.F.	1850	1750	2030	2030	1780	2100	1900	1280	3840	1640	1420	7510

Total acre-feet 29130

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR BAYARD Sec. 7-20-50 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	155	99	83	72	62	59	47	59	87	158	83	210
2	136	98	79	69	62	59	48	52	161	108	78	223
3	129	96	79	66	62	55	50	50	216	93	78	916
4	125	98	80	64	62	55	48	42	174	86	106	583
5	123	96	72	66	62	56	53	55	166	82	203	526
6	122	94	74	66	60	58	53	94	152	76	181	499
7	118	94	76	64	60	56	51	82	116	43	153	458
8	120	93	78	64	61	54	51	76	69	125	137	398
9	122	92	75	64	61	53	50	99	180	166	108	350
10	120	92	76	61	61	53	51	98	161	149	87	314
11	118	92	79	61	62	50	48	40	142	110	86	285
12	120	93	79	61	60	52	46	38	136	187	108	279
13	118	93	79	61	60	52	46	40	111	139	128	263
14	117	93	75	62	61	52	44	38	87	142	114	257
15	116	89	76	65	61	52	44	44	65	144	98	301
16	112	89	76	67	61	52	47	65	60	189	99	325
17	114	89	71	69	64	52	50	193	96	203	79	303
18	112	89	71	69	65	51	48	131	114	203	70	247
19	112	85	71	69	65	58	50	131	274	161	66	155
20	112	86	72	69	65	54	54	120	184	72	66	144
21	110	89	72	69	65	55	50	99	147	89	75	168
22	106	86	71	71	64	55	48	80	120	122	85	214
23	104	85	71	70	64	53	51	67	294	126	106	239
24	98	83	74	69	62	53	72	67	210	118	149	261
25	99	85	72	70	62	53	78	60	153	104	153	261
26	99	86	71	69	61	53	78	60	123	108	163	234
27	98	85	72	65	61	53	75	58	102	152	168	185
28	99	83	71	66	60	50	76	64	104	152	147	176
29	102	85	70	67	60	50	69	61	98	139	144	161
30	99	83	75	69	60	50	65	55	90	129	141	134
31	98	75	75	69	60	50	50	96	86	147	147	134
Mean	114	90	75	66	62	54	55	75	140	123	116	302
Max.	155	99	83	72	65	59	78	103	294	203	203	916
Min.	98	83	70	61	60	50	44	38	60	43	66	134
A.F.	7010	5360	4590	4090	3440	3290	3250	4590	8310	7860	7150	17990

Total acre-feet 76930

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR RED WILLOW—Sec. 17-3-28 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	32	36	36	25	50	36	54	77	86	32	207
2	24	32	35	33	25	52	34	54	70	69	32	196
3	24	32	34	35	26	49	33	52	69	66	30	130
4	24	32	28	34	28	48	33	49	66	58	29	309
5	25	32	20	32	29	46	35	46	65	52	27	115
6	25	32	20	25	25	44	36	43	66	47	26	182
7	25	32	26	18	28	44	37	41	66	44	26	404
8	25	32	27	16	28	43	37	40	491	42	26	386
9	26	32	30	22	34	41	38	38	202	38	41	220
10	26	28	30	26	39	35	44	36	123	34	38	159
11	26	30	35	28	45	34	47	36	50	244	33	122
12	26	34	35	28	31	31	44	35	78	166	32	91
13	26	33	35	32	25	35	42	34	101	93	31	73
14	27	33	34	34	20	45	39	38	102	82	32	67
15	27	33	36	42	28	46	37	350	81	75	31	62
16	27	33	33	42	30	41	35	240	67	69	30	58
17	27	33	39	43	31	36	34	428	67	66	29	56
18	28	34	40	43	44	36	33	416	215	416	28	53
19	28	34	40	37	47	36	32	278	97	121	28	49
20	28	34	36	38	42	36	34	243	71	71	32	46
21	29	34	35	31	43	31	35	581	69	61	38	44
22	29	35	35	29	43	32	34	175	97	187	31	42
23	29	30	34	27	43	34	34	122	113	101	30	41
24	30	20	34	26	44	35	35	103	131	75	29	40
25	30	27	34	40	46	37	35	141	129	61	92	38
26	30	32	33	41	46	38	35	132	122	56	36	37
27	31	38	33	25	46	38	237	96	121	52	54	37
28	31	45	34	20	46	38	168	82	209	47	37	36
29	32	40	34	20	.....	38	60	87	156	41	37	36
30	32	39	35	20	.....	38	52	69	113	38	36	34
31	32	32	36	25	.....	37	.....	62	.....	34	34	.....
Mean	28	33	33	31	35	40	49	136	117	87	34	112
Max.	32	45	40	43	47	52	237	581	491	416	92	404
Min.	23	20	20	16	20	31	32	34	65	34	26	34
A.F.	1690	1960	2040	1880	1960	2430	2910	8330	6990	5340	2120	6680

Total acre-feet 44330

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, NORTH FORK, COLORADO-NEBRASKA STATE LINE Sec. 10-1-42 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	49	17	74	65	48	63	60	65	71	35	11	19
2	47	22	78	65	48	63	59	66	68	34	12	39
3	50	27	76	66	50	63	63	40	68	35	42	482
4	46	33	80	63	51	66	60	66	68	23	20	476
5	47	45	70	62	53	65	74	41	53	41	20	168
6	53	41	70	65	58	70	78	54	59	31	18	116
7	39	45	65	68	57	66	68	49	50	20	14	576
8	36	59	66	63	63	68	62	50	41	16	19	562
9	41	66	70	65	71	65	60	47	59	16	17	133
10	38	60	71	66	68	71	81	45	78	20	246	90
11	32	65	73	65	71	68	76	44	83	49	165	80
12	34	68	78	62	61	65	71	45	70	57	76	76
13	31	68	76	63	52	71	65	54	53	53	66	70
14	30	66	76	62	50	71	65	134	47	47	63	70
15	29	68	73	63	64	70	65	761	47	44	65	66
16	29	60	71	66	73	71	63	275	45	41	68	63
17	22	63	73	66	71	70	62	143	44	38	63	63
18	21	66	74	66	76	68	59	189	56	36	62	68
19	21	68	70	66	74	65	57	114	49	35	47	65
20	21	65	71	68	74	66	59	92	50	33	49	54
21	21	63	68	68	76	66	60	90	50	31	36	49
22	24	68	71	65	73	70	65	100	59	88	35	56
23	33	66	73	65	71	65	63	90	62	42	35	54
24	30	66	65	65	71	63	62	80	57	30	31	52
25	22	65	65	65	73	66	60	73	52	27	23	52
26	21	71	65	66	66	70	73	71	42	23	22	52
27	19	71	65	66	68	68	87	70	42	15	25	49
28	21	70	65	47	65	63	81	68	44	11	22	50
29	20	73	65	46	.....	62	73	68	38	10	18	40
30	15	74	65	45	.....	65	68	73	50	11	18	40
31	16	.....	65	45	.....	65	68	66	12	19	.....	.....
Mean	31	59	70	63	64	67	67	104	55	32	46	128
Max.	53	74	80	68	76	71	87	761	83	68	246	576
Min.	15	17	.....	45	48	62	57	40	36	10	11	19
A.F.	1900	3490	4340	3850	3560	4100	3960	6390	3280	1990	2830	7600

Total acre-feet 47290

BUREAU OF IRRIGATION

521

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK,
NEAR COLORADO-KANSAS STATE LINE
Sec. 27-4S-42 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	10	24	12	11	87	57	48	12	101	12	7
2	17	12	24	17	5	101	48	39	12	101	12	89
3	17	12	31	12	6	96	61	24	12	92	16	14
4	18	12	30	18	7	103	66	30	12	96	16	23
5	14	12	23	17	12	96	72	24	14	96	10	18
6	18	12	36	14	20	83	74	14	17	96	10	18
7	17	12	34	27	17	83	79	14	114	90	10	87
8	17	12	26	19	24	85	64	19	55	90	17	19
9	17	14	32	14	16	83	64	22	117	90	20	18
10	17	17	38	13	16	74	64	17	461	96	19	18
11	14	21	47	11	14	58	59	17	288	101	23	14
12	12	18	18	10	14	65	55	20	122	564	18	14
13	10	16	7	13	14	72	68	20	120	55	14	14
14	9	12	6	14	31	68	64	18	115	33	37	14
15	10	12	6	10	40	68	68	30	108	33	21	12
16	9	16	9	6	30	66	64	40	108	42	17	12
17	9	18	10	5	30	66	45	39	92	123	14	12
18	7	17	14	5	27	74	45	36	57	43	12	12
19	9	17	16	6	23	85	45	34	39	36	12	14
20	9	18	10	4	27	85	45	31	43	36	12	14
21	9	16	14	11	27	90	48	31	61	71	14	18
22	9	22	12	30	18	72	50	26	246	598	12	17
23	10	24	16	22	15	74	50	26	133	53	12	14
24	10	24	14	14	15	74	57	26	122	23	23	14
25	12	22	12	14	87	68	51	23	120	22	25	14
26	10	19	14	12	87	70	37	19	122	26	12	14
27	10	17	14	17	99	74	45	14	132	20	10	14
28	10	18	17	17	90	72	57	12	115	17	9	14
29	10	22	8	10	10	76	61	12	108	14	8	14
30	10	26	10	10	---	74	47	10	103	10	7	14
31	9	10	10	18	---	76	---	12	---	12	7	---
Mean	12	17	19	14	29	78	57	24	106	93	15	20
Max.	19	26	47	30	99	103	79	48	461	598	37	89
Min.	7	10	6	4	5	58	37	10	12	10	7	7
A.F.	740	992	1150	838	1630	4800	3390	1480	6310	5700	921	1170

Total acre-feet 29120

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT BENKELMAN
Sec. 19-1-37 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	103	59	105	131	31	148	108	103	123	114	22	30
2	103	64	114	114	35	152	105	108	148	94	20	84
3	101	70	114	100	40	127	100	116	105	84	51	1670
4	100	80	117	117	47	117	105	107	91	77	61	2150
5	100	88	93	110	62	125	133	101	89	82	47	485
6	91	93	85	114	92	125	154	93	82	83	39	273
7	83	94	88	81	90	107	161	94	166	68	39	2730
8	76	107	81	72	118	78	137	98	163	59	37	736
9	74	108	86	73	143	59	127	100	289	54	41	384
10	80	75	110	83	185	48	148	98	508	57	700	208
11	86	92	160	94	111	37	156	96	1160	74	1100	182
12	82	121	156	106	67	83	143	96	274	110	114	163
13	80	123	170	103	20	86	125	93	163	101	101	143
14	74	123	139	121	47	123	125	110	148	100	105	133
15	72	139	114	132	93	137	125	1320	137	91	103	129
16	74	129	103	128	104	116	117	1260	119	82	114	125
17	70	117	101	120	147	105	117	511	108	80	93	117
18	63	119	131	123	155	98	117	423	98	82	77	119
19	61	123	133	120	161	98	117	464	96	86	78	121
20	58	125	135	104	159	108	125	381	94	84	84	119
21	58	139	148	99	170	110	127	423	96	82	93	119
22	57	135	156	119	148	121	129	420	1040	89	91	116
23	56	120	159	104	121	117	123	277	1110	131	93	116
24	63	70	152	105	121	93	125	190	628	98	93	119
25	62	96	133	110	141	108	112	159	192	94	78	125
26	62	129	133	95	139	116	117	137	175	91	62	133
27	59	137	161	36	135	105	175	125	170	62	51	131
28	58	131	145	26	154	110	96	110	148	46	39	117
29	61	123	127	26	---	117	89	116	137	37	35	103
30	58	110	127	27	---	108	98	114	131	28	32	98
31	58	---	141	28	---	108	---	117	---	23	30	---
Mean	74	108	126	94	108	106	125	257	266	79	120	376
Max.	103	139	170	131	185	152	175	1320	1160	131	1100	2730
Min.	56	59	81	26	20	37	89	93	82	23	20	30
A.F.	4530	6420	7770	5770	6020	6510	7410	15790	15840	4850	7380	22370

Total acre-feet 110660

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK,
NEAR BENKELMAN—Sec. 31-1-37 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	6	14	38	1	115	91	59	26	138	12	11
2	11	6	24	37	1	95	72	52	33	121	9	144
3	10	4	33	16	1	80	61	52	23	115	91	3120
4	9	5	24	22	2	108	54	48	24	121	40	2210
5	12	7	7	19	4	115	67	38	24	134	15	387
6	11	9	4	14	15	118	77	36	117	118	12	302
7	7	9	1	10	34	102	77	33	266	112	12	1800
8	4	9	2	13	72	64	88	24	188	108	13	582
9	4	5	5	18	62	51	74	19	298	102	14	218
10	5	2	10	24	44	43	83	16	387	91	1140	126
11	6	2	13	35	65	30	85	16	2270	134	554	72
12	8	4	56	36	48	19	67	14	399	1330	121	46
13	8	7	84	28	26	76	64	15	302	573	77	40
14	5	13	36	23	52	126	61	1220	223	155	48	38
15	4	26	40	25	14	115	52	966	184	98	48	31
16	1	14	38	24	22	88	61	190	165	67	67	33
17	1	9	36	55	54	88	72	91	151	796	33	34
18	1	13	31	64	109	95	67	77	151	464	20	33
19	1	15	36	95	121	83	50	61	98	105	18	28
20	1	14	29	23	83	91	46	98	77	77	19	24
21	1	15	35	23	67	91	46	193	77	64	20	24
22	2	16	25	17	52	91	48	247	1950	799	24	29
23	2	6	27	31	46	83	52	98	291	377	24	31
24	5	4	36	63	50	83	60	77	346	118	20	26
25	7	10	31	73	42	80	80	54	198	74	61	26
26	7	22	24	28	96	83	83	48	165	48	52	24
27	5	40	29	8	115	74	146	44	146	42	23	22
28	4	24	39	3	115	72	69	44	170	29	19	20
29	4	16	34	2	-----	86	67	42	138	26	14	19
30	5	15	73	1	-----	88	67	34	146	22	13	22
31	7	-----	50	3	-----	91	-----	29	-----	18	12	-----
Mean	5	12	30	28	48	85	70	130	301	212	85	317
Max.	12	40	84	95	121	126	146	1220	2270	1330	1140	3120
Min.	1	2	1	1	1	19	46	14	23	18	9	11
A.F.	325	689	1820	1730	2690	5210	4150	8000	17920	13040	5250	18890

Total acre-feet 79710

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT STRATTON
Sec. 13-2-35 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	84	58	156	160	29	236	178	138	152	243	36	34
2	110	49	156	153	32	262	189	123	200	250	30	732
3	99	52	167	142	34	243	156	123	183	224	139	7410
4	87	67	161	106	33	200	161	123	167	200	217	7780
5	95	70	30	90	46	195	243	123	147	200	110	1260
6	91	73	67	80	56	256	276	119	156	217	76	711
7	84	76	70	55	67	256	256	119	691	189	58	4830
8	76	91	60	46	105	192	211	110	467	167	49	2200
9	76	84	80	87	173	103	217	103	576	138	38	714
10	73	52	74	105	238	64	236	95	738	123	76	439
11	73	103	86	107	238	40	269	91	3800	195	3590	364
12	76	103	105	102	200	148	236	95	641	1080	398	319
13	76	119	112	113	52	262	178	119	364	667	276	289
14	73	110	183	99	34	204	172	3960	334	414	276	276
15	61	87	156	121	95	189	161	5060	276	319	156	250
16	55	80	132	146	269	206	156	1290	256	230	152	206
17	61	106	132	153	326	156	167	602	256	624	195	206
18	64	119	161	144	467	138	189	467	224	952	142	206
19	55	128	156	167	406	138	195	493	206	267	110	178
20	58	123	156	116	297	87	189	723	156	183	103	167
21	58	123	133	74	230	110	156	763	161	133	123	178
22	52	152	167	93	256	167	167	896	3090	663	147	156
23	46	138	147	126	304	189	183	422	1240	467	138	147
24	55	80	152	130	243	172	189	334	898	276	114	156
25	64	95	152	128	224	178	200	282	414	183	99	161
26	64	114	142	85	206	189	243	206	334	172	152	172
27	55	123	153	11	224	183	498	156	282	123	110	167
28	52	156	135	10	250	183	304	167	269	84	76	161
29	52	172	150	19	-----	183	217	178	243	67	58	140
30	55	156	166	24	-----	161	183	189	224	49	41	130
31	55	-----	175	32	-----	152	-----	152	-----	49	34	-----
Mean	69	102	131	98	183	176	212	575	572	296	236	1005
Max.	110	172	183	167	467	262	498	5060	3800	1080	3590	7780
Min.	46	49	30	10	29	40	156	91	147	49	30	34
A.F.	4230	6070	8080	6000	10180	10790	12640	35350	34010	18200	14520	59780

Total acre-feet 219800

BUREAU OF IRRIGATION

523

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT TRENTON
 Sec. 2-2-33 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	83	42	171	141	35	202	158	145	162	246	37	42
2	89	42	202	124	38	202	167	117	196	228	90	436
3	86	38	181	97	36	196	154	106	186	202	218	6320
4	80	45	145	99	44	196	171	114	176	181	189	7540
5	89	58	121	80	41	212	234	110	162	217	171	827
6	86	66	87	69	52	234	281	99	154	246	89	295
7	80	80	54	72	95	240	269	106	745	202	56	4170
8	80	78	57	54	124	191	246	114	520	167	40	3260
9	72	80	53	52	222	106	217	114	527	145	28	1090
10	66	45	53	124	399	79	202	114	789	190	430	502
11	61	99	57	145	366	28	263	114	3150	326	2900	439
12	61	106	76	121	234	17	263	114	1060	1190	524	358
13	56	92	94	106	31	79	228	128	560	649	295	309
14	58	106	241	137	46	170	202	2300	439	333	260	269
15	61	128	121	128	88	234	246	6040	382	275	181	246
16	58	124	162	158	191	196	176	1430	309	202	141	234
17	54	114	150	196	309	186	167	484	263	574	158	212
18	56	99	154	181	398	196	176	316	257	1010	121	212
19	54	110	145	176	406	207	150	350	246	240	103	196
20	54	110	158	158	316	228	162	543	186	158	103	222
21	54	110	162	89	263	222	145	1520	171	117	114	217
22	52	99	162	89	281	234	158	916	2360	510	132	196
23	49	132	150	110	237	196	171	322	502	414	124	167
24	52	89	123	124	240	154	171	350	653	295	110	162
25	49	128	132	128	234	154	171	322	493	181	106	154
26	49	151	128	154	217	158	167	263	398	150	117	145
27	49	150	96	63	246	162	431	234	350	128	121	132
28	45	150	107	14	275	162	293	202	316	96	89	121
29	42	141	124	20	-----	162	212	181	275	78	72	121
30	47	158	141	20	-----	150	186	171	269	58	61	128
31	45	-----	150	28	-----	150	-----	167	-----	52	49	-----
Mean	62	99	128	105	196	171	208	561	551	292	237	957
Max.	89	158	241	196	406	240	431	6040	3150	1190	2900	7540
Min.	42	38	53	14	31	17	145	99	154	52	28	42
A.F.	3800	5890	7860	6450	10880	10520	12370	34520	32800	17970	14580	56970

Total acre-feet 214600

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT CAMBRIDGE
 Sec. 28-4-25 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	158	138	277	248	95	458	328	390	837	794	292	442
2	198	147	277	259	104	478	328	378	936	746	254	3440
3	210	150	292	261	126	445	344	350	802	722	258	5170
4	202	154	302	236	148	372	322	317	810	642	344	8440
5	198	147	290	202	167	384	344	277	706	570	578	6640
6	202	138	69	450	174	396	390	258	730	556	372	4100
7	194	141	53	152	176	402	439	240	719	563	302	4220
8	182	150	85	148	187	420	432	226	2900	498	254	7170
9	175	168	96	189	226	408	408	218	1700	445	198	4420
10	168	122	113	195	268	361	396	214	1700	472	186	1850
11	161	123	123	184	1630	325	408	214	2460	2550	2320	1440
12	138	178	145	184	762	290	439	108	2580	3040	1500	1380
13	126	231	165	200	160	313	432	190	1700	2500	1000	1250
14	135	226	238	194	160	361	378	566	1400	1700	3290	1150
15	138	222	427	200	228	563	317	5160	1100	1300	1530	981
16	135	231	396	240	270	491	292	3430	1000	1100	802	556
17	135	236	361	274	464	472	282	2580	1000	1000	556	505
18	132	244	350	345	788	402	258	2000	2570	3290	420	485
19	161	231	334	361	730	390	240	1700	1780	2260	356	458
20	186	226	317	321	642	372	249	1500	954	1170	297	445
21	190	240	312	220	527	350	292	4360	819	864	277	439
22	182	249	312	292	426	328	302	2930	1060	1030	282	426
23	168	249	317	310	458	312	272	2550	2340	1650	312	390
24	164	172	350	310	426	302	267	2040	1630	1080	287	356
25	154	143	339	353	396	297	272	1970	1250	786	297	344
26	147	210	334	346	384	292	302	1340	1140	642	302	334
27	144	350	286	220	402	287	347	1140	1090	548	317	322
28	138	328	209	157	420	297	882	936	1120	498	277	307
29	135	334	179	75	-----	312	548	794	1050	452	258	302
30	135	297	184	61	-----	328	439	698	927	396	240	292
31	132	-----	265	66	-----	334	-----	714	-----	339	218	-----
Mean	162	206	252	234	391	372	365	1286	1360	1103	586	1935
Max.	210	350	427	450	1630	563	882	5160	2900	3290	3290	8440
Min.	126	122	53	61	95	287	240	190	706	339	186	292
A.F.	9960	12250	15470	14390	21710	22890	21720	79100	80950	67840	36050	115100

Total acre-feet 497400

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR ORLEAN
 Sec. 19-2-19 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	162	129	298	199	65	410	337	484	1010	912	383	218
2	171	123	306	221	70	429	337	417	1240	810	327	1770
3	187	123	257	247	87	454	333	391	1120	750	310	2670
4	197	122	239	254	112	437	333	347	962	695	646	7420
5	166	123	190	225	140	413	354	307	918	630	391	9500
6	169	125	82	179	146	402	379	275	864	600	488	5020
7	169	127	68	153	150	394	391	254	772	572	437	2740
8	169	137	88	162	152	387	413	245	1450	548	772	5900
9	169	141	95	142	161	406	442	229	3260	515	506	7000
10	164	155	107	156	179	398	458	215	2150	594	406	3600
11	166	155	124	153	201	352	433	210	1920	3500	372	2210
12	162	155	145	165	1020	306	429	202	3200	2840	2000	1670
13	158	210	167	178	255	345	425	210	2180	3070	1300	1410
14	149	294	185	184	180	369	446	202	1680	2260	1000	1300
15	143	294	431	209	189	350	410	1150	1550	1570	2000	1120
16	135	272	410	223	178	576	354	4020	1300	1300	900	950
17	127	257	379	244	243	454	330	3080	1180	1150	600	706
18	118	251	337	259	400	413	323	2270	1280	1330	466	610
19	123	245	327	302	647	383	310	1950	3320	2870	387	548
20	127	240	320	304	840	376	316	1720	1730	1710	340	497
21	153	234	310	291	943	372	333	8700	1330	1170	310	454
22	180	234	303	275	711	358	323	5450	1220	962	294	442
23	218	215	313	255	630	354	333	2990	3100	1020	310	421
24	190	206	287	309	530	340	313	2110	2750	1660	300	402
25	185	186	287	275	488	337	303	2220	2260	1160	287	394
26	178	209	274	288	450	340	307	1900	1860	912	257	387
27	171	235	166	253	421	337	340	1390	1490	750	284	379
28	160	308	124	142	458	340	340	1190	1220	670	257	365
29	153	317	132	102	-----	333	840	799	1180	630	257	347
30	145	308	148	74	-----	333	605	1340	1050	630	231	327
31	131	-----	170	69	-----	333	-----	1090	-----	446	220	-----
Mean	161	204	228	209	359	382	386	1528	1685	1233	552	2026
Max.	218	317	431	309	1020	576	840	8700	3320	3500	2000	9500
Min.	118	122	68	69	65	306	303	202	772	446	220	218
A.F.	9910	12160	14020	12860	19930	23470	22990	93930	100300	75840	33950	120500

Total acre-feet 539900

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR BLOOMING-
 TON—Sec. 8-1-15 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	270	203	358	259	166	630	431	738	1330	2080	1680	518
2	458	203	345	259	154	564	431	582	1510	1770	1300	541
3	445	193	302	243	144	570	436	496	1360	1660	957	2390
4	354	193	287	292	142	600	431	452	1190	1390	880	4120
5	354	200	223	322	154	582	452	405	1050	1220	1040	6990
6	298	206	110	308	177	558	479	367	1240	1140	762	7520
7	270	206	109	272	193	535	468	336	1280	1050	792	7960
8	252	210	114	246	195	512	468	314	1360	978	756	8010
9	248	217	140	264	200	501	490	310	4290	922	971	8880
10	241	210	159	281	214	524	529	302	3980	908	756	9020
11	237	193	173	266	212	380	524	290	2670	4090	654	8310
12	217	223	187	225	214	427	490	278	3560	8660	1180	6370
13	217	223	215	239	243	340	474	278	3190	7110	2570	5180
14	217	248	302	254	278	327	482	318	3320	7570	2250	3840
15	210	310	188	282	325	460	490	318	1980	6570	2420	2900
16	203	318	487	317	303	582	462	3960	1830	5520	3580	2190
17	200	298	479	327	293	672	405	4920	1750	4960	3180	1720
18	193	286	382	300	330	570	377	2500	1560	3720	2290	1360
19	193	294	349	274	566	524	372	2000	3390	5540	1360	1160
20	200	298	332	366	831	501	405	2000	2970	5070	1040	1060
21	200	294	314	378	929	490	468	7670	3500	3590	873	964
22	200	298	310	420	950	484	452	10000	2500	2640	738	908
23	210	282	323	396	859	452	405	5090	4000	2120	696	852
24	230	249	332	321	762	436	400	3780	4500	2520	690	810
25	252	234	332	326	654	421	391	3440	4000	2700	660	786
26	252	227	318	321	606	410	377	3660	3700	2240	630	774
27	244	227	263	182	553	405	400	2410	3500	1880	1020	726
28	237	237	248	182	690	436	396	2110	2800	1850	696	690
29	223	266	241	178	-----	421	437	1740	2550	2560	541	660
30	220	372	244	175	-----	415	1010	1560	2520	1840	636	636
31	217	-----	263	172	-----	426	-----	1570	-----	1880	612	-----
Mean	251	247	268	279	405	482	460	2071	2569	3153	1233	3262
Max.	458	372	487	420	950	672	1010	10000	4500	8660	3580	9020
Min.	193	193	109	172	142	227	372	278	1050	908	541	518
A.F.	15420	14690	16480	17180	22490	29660	27400	127400	152900	193900	75790	194100

Total acre-feet 887410

BUREAU OF IRRIGATION

525

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR GUIDE ROCK
Sec. 7-1-9 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	395	278	432	330	223	883	471	1100	2510	2670	2110	815
2	998	278	418	330	212	757	466	842	8540	2240	1820	750
3	872	282	451	274	207	694	456	669	2360	1990	1500	828
4	694	274	446	290	198	651	456	588	1890	1800	1110	4360
5	496	264	217	338	206	681	451	549	1660	1510	983	5800
6	471	264	99	313	221	657	501	506	2240	1380	1180	7540
7	404	271	101	299	241	616	517	461	7140	1260	890	8080
8	368	282	134	291	260	599	506	428	2480	1100	904	8060
9	342	276	132	315	280	588	501	413	3670	1010	1060	9880
10	334	294	144	357	293	582	528	413	6430	3930	961	9220
11	313	278	170	416	305	364	582	395	3260	12100	725	8000
12	305	274	200	500	291	242	588	372	4890	9310	1370	6340
13	298	264	251	489	262	253	522	351	3330	7900	2910	5240
14	286	271	291	436	314	377	512	496	3220	8750	2220	4280
15	274	274	309	394	381	512	466	706	2380	6640	2850	3350
16	267	196	313	358	426	669	522	3680	2050	6000	3670	2570
17	256	355	355	351	342	359	737	476	3080	1840	5490	2980
18	246	372	496	461	351	479	651	442	2130	1580	4850	2140
19	235	355	461	351	479	651	471	1800	3440	7330	1400	1450
20	235	412	404	359	539	576	471	1800	3460	5510	1140	1320
21	249	334	395	364	1220	543	599	12600	3730	5130	1010	1200
22	264	364	390	377	1170	533	454	5880	2600	3110	932	1130
23	286	198	413	409	968	506	456	3940	5550	2840	883	1060
24	298	208	409	382	883	496	501	3730	5150	3210	835	1020
25	309	294	351	364	782	476	546	3550	5080	2980	789	990
26	317	305	246	319	712	476	466	3400	4600	2650	1260	918
27	305	321	225	206	782	549	506	2600	4280	2210	1300	855
28	298	317	239	200	.....	554	471	2250	2960	2350	897	808
29	286	305	313	210	.....	512	528	1770	2800	2960	706	769
30	278	.....	313	236	.....	481	.....	1590	.....	2040	744	.....
31	362	294	307	340	476	560	506	2112	3619	4298	1425	3602
Mean	998	412	496	500	1220	883	657	12600	8540	12100	3670	9880
Max.	235	198	99	200	198	242	442	351	1580	1010	706	750
A.F.	22260	17470	18860	20890	26430	34450	30090	129900	215400	264300	87650	214400

Total acre-feet 1082100

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR HARDY
Sec. 6-15-5 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	682	362	380	150	240	1120	590	1080	1480	3210	2210	920
2	3420	372	471	130	240	972	569	1310	13300	2940	2370	1060
3	1990	372	380	120	240	1220	548	820	4330	2570	2140	1030
4	762	362	320	130	250	751	541	670	2020	2440	1750	3410
5	505	346	130	150	265	733	606	541	1940	2110	1190	7550
6	455	346	140	160	270	742	590	506	12300	2070	1220	8020
7	435	330	160	175	280	697	590	464	4200	1880	1130	8120
8	420	306	180	200	290	583	576	414	2300	1780	1100	8350
9	405	320	200	260	300	527	576	464	6220	6240	1140	9950
10	383	341	225	400	320	400	583	457	5600	16300	1320	9350
11	356	346	260	500	340	300	606	420	3770	14600	1080	8520
12	341	316	280	600	360	350	638	396	4150	11400	860	6560
13	330	287	310	670	380	450	622	432	4750	6180	1920	5580
14	311	311	350	710	410	530	598	478	4170	7890	2920	4600
15	311	311	390	730	440	590	590	499	3210	6810	2210	3820
16	311	287	430	740	460	846	590	2260	2730	5120	3600	3120
17	311	378	480	740	490	606	569	4090	2460	5140	3520	2570
18	306	372	540	690	510	682	541	2760	2270	4080	3040	2060
19	306	356	570	610	620	688	555	2110	3050	6010	1900	1680
20	296	424	580	520	1000	638	733	3150	4460	5760	1280	1460
21	296	389	580	440	1200	630	810	12000	5900	5460	1180	1370
22	301	362	580	400	1400	622	662	7270	5300	4560	1020	1210
23	311	250	580	400	1340	606	576	3940	4970	2640	1070	1150
24	335	270	580	400	1100	590	1830	2970	6640	3100	996	1150
25	351	310	450	400	950	576	760	2810	6000	3210	920	1120
26	352	310	370	340	800	562	670	2910	6360	3770	1390	1060
27	362	325	300	250	1210	590	569	2000	4220	3940	1660	1040
28	367	341	240	230	.....	622	562	2070	3580	2370	1400	1010
29	367	362	200	230	.....	622	670	1560	3180	2730	972	996
30	356	.....	170	230	.....	614	.....	1810	.....	2760	810	.....
31	571	336	358	382	570	642	650	2024	4548	4884	1630	3805
Mean	3420	424	580	740	1400	1220	1830	12000	13300	16300	3600	9950
Max.	296	250	130	120	240	300	541	396	1480	1780	810	920
A.F.	35140	20020	21990	23490	31670	39490	38660	124400	270600	300300	100200	226400

Total acre-feet 1232360

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF ROCK CREEK AT PARKS
Sec. 21-1-39 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	14	15	15	9	14	16	15	14	13	12	12
2	16	14	16	15	10	14	16	15	16	13	12	15
3	15	12	16	15	12	15	15	15	15	13	23	54
4	16	12	15	15	14	14	15	15	14	13	20	46
5	16	16	14	15	16	13	17	15	14	15	17	28
6	16	16	13	15	15	13	17	15	15	15	15	23
7	15	15	12	14	15	14	16	14	16	14	14	24
8	15	15	14	14	16	16	15	14	15	13	14	20
9	15	15	16	16	15	16	15	15	15	12	14	18
10	15	15	16	16	15	16	17	15	15	12	20	16
11	15	15	15	16	15	16	18	15	16	13	17	16
12	15	15	15	16	15	16	18	15	16	16	15	16
13	15	16	15	16	14	16	17	15	15	15	15	15
14	15	16	15	16	14	16	17	15	14	15	15	15
15	15	16	15	16	16	16	16	21	14	15	14	15
16	15	15	15	16	16	16	16	21	14	15	14	14
17	15	15	15	15	16	16	16	19	14	14	13	15
18	15	16	15	15	16	16	17	18	14	14	13	15
19	15	16	15	15	16	15	16	17	14	14	13	16
20	15	15	15	16	16	16	15	16	19	14	13	16
21	15	15	15	16	16	15	17	23	15	15	14	16
22	15	15	15	16	15	15	17	22	18	15	13	15
23	14	15	15	15	15	15	17	19	16	15	13	16
24	14	16	15	15	15	15	16	17	15	15	13	16
25	14	16	15	15	15	15	16	14	13	13	13	16
26	14	16	14	15	14	15	18	15	14	13	13	16
27	14	16	14	15	14	15	20	14	13	13	13	15
28	14	16	14	15	14	16	18	14	13	13	13	15
29	14	15	14	12	.....	15	16	14	13	13	13	15
30	14	15	14	12	.....	15	16	14	13	13	13	15
31	14	14	14	12	.....	15	15	14	13	12	12	12
Mean	15	15	15	15	15	15	16	16	15	14	14	19
Max.	16	16	16	16	16	16	20	23	18	16	23	54
Min.	14	12	12	12	9	13	15	14	13	12	12	12
A.F.	914	900	904	922	811	930	984	1000	867	849	885	1120

Total acre-feet 11090

DISCHARGE IN SECOND-FEET OF SALT CREEK AT LINCOLN
Sec. 12-10-6 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	94	51	51	54	40	612	98	2960	8340	248	96	127
2	1510	51	54	51	37	297	94	1880	22100	255	92	124
3	2070	59	53	51	38	636	94	397	4350	230	674	127
4	304	54	53	51	40	234	84	238	753	196	127	129
5	122	34	34	34	42	159	82	183	443	133	90	165
6	96	53	47	38	48	137	111	147	504	324	98	1020
7	109	51	47	42	48	124	120	127	5120	297	90	364
8	90	59	44	45	50	58	127	127	3110	187	83	156
9	75	50	48	47	48	41	140	124	1040	147	102	700
10	61	47	51	45	48	92	145	165	855	150	124	360
11	54	51	54	45	54	115	111	153	2550	686	113	190
12	51	48	51	45	50	98	78	117	990	1110	123	646
13	50	53	59	45	58	90	94	88	580	638	557	1720
14	47	51	59	45	53	86	98	234	2550	304	1660	376
15	42	54	56	48	56	86	102	1030	3410	203	1320	180
16	51	54	56	51	62	106	86	281	1270	190	1100	142
17	53	51	58	51	56	150	78	266	630	171	224	142
18	50	51	58	51	58	193	78	238	10700	230	142	132
19	50	54	56	62	61	142	78	589	5100	224	109	127
20	50	45	54	33	61	113	183	413	1210	142	271	122
21	51	56	51	44	71	134	316	213	3120	132	535	109
22	50	59	50	54	62	113	649	344	2760	145	187	106
23	47	38	53	56	68	783	187	156	2170	132	117	102
24	53	42	56	56	94	190	200	113	2280	122	715	113
25	53	42	58	56	247	145	2210	828	742	113	2130	124
26	51	44	37	54	1070	132	1950	845	2330	109	535	115
27	48	44	50	40	580	120	526	213	1470	307	234	106
28	48	41	45	44	1120	223	633	129	728	196	213	94
29	50	44	48	48	.....	473	241	124	340	122	162	90
30	51	47	51	44	.....	174	801	109	289	100	140	90
31	48	.....	53	41	.....	122	.....	1510	.....	94	140	.....
Mean	180	50	52	48	154	159	327	483	3061	248	397	270
Max.	2070	59	59	62	1120	783	2210	2960	22100	1110	2130	1720
Min.	42	38	34	33	37	41	78	88	289	94	88	90
A.F.	11070	2970	3160	2960	8570	12260	19450	28440	182200	15250	24410	16060

Total acre-feet 326800

DISCHARGE IN SECOND-FEET OF SALT CREEK AT ROCA
 Sec. 17-8-7 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									558	52	17	31
2									5240	111	17	33
3									591	50	18	32
4									25	24	18	31
5									69	23	18	31
6									235	111	18	577
7									1790	50	18	33
8									836	37	18	30
9									100	25	25	25
10									20	25	22	30
11									619	961	31	30
12									42	486	34	1880
13									19	38	220	944
14									58	573	79	240
15									189	1320	41	1400
16									52	166	19	127
17									30	62	20	36
18									52	3130	20	35
19									294	711	20	34
20									18	291	20	36
21									238	805	17	36
22									50	1510	17	35
23									43	429	17	36
24									35	266	17	1850
25									124	67	17	1070
26									135	1290	15	145
27									35	748	17	78
28									29	184	17	33
29									34	50	17	31
30									36	51	17	32
31									40	17	32	36
Mean									80	73	88	185
Max.									294	5240	961	1850
Min.									18	20		23
A.F.									3000	43270	5390	11390

Total acre-feet 71680

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR ASHLAND
 Sec. 31-13-10 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	280	120	105	115	70	2730	295	5190	22200	1490	250	233
2	3420	125	120	105	69	740	280	4000	39500	1040	250	223
3	2460	125	70	89	112	1240	250	886	17000	494	1110	218
4	1070	133	74	109	121	535	235	482	3810	511	972	233
5	250	130	69	119	117	331	235	403	1120	3960	915	266
6	167	135	57	100	117	272	383	347	1070	5580	725	1070
7	424	135	67	104	110	211	399	319	5750	2490	563	1030
8	290	140	100	114	102	257	447	287	7830	915	437	328
9	201	138	100	119	110	81	415	303	3420	563	414	763
10	151	140	100	124	125	125	375	520	1560	398	398	1620
11	135	138	100	116	147	144	295	482	5900	744	355	445
12	120	105	120	119	152	163	265	327	2510	1560	1110	680
13	120	130	110	119	74	187	265	287	1690	1070	1110	230
14	115	130	115	123	108	197	265	1490	972	653	2130	1230
15	118	130	110	119	130	197	257	1720	5660	452	3750	820
16	115	125	112	126	128	225	214	900	2680	369	2600	244
17	115	125	110	128	144	250	194	500	1640	369	1180	260
18	115	125	115	133	149	225	181	355	6330	1110	369	238
19	118	129	110	128	159	214	169	590	11200	934	290	223
20	120	133	105	104	181	246	228	491	1760	877	830	212
21	115	115	105	110	204	250	851	415	2880	868	2000	212
22	115	128	115	130	218	413	1150	407	3780	725	1010	193
23	105	115	110	120	257	2630	540	371	2900	528	362	193
24	105	110	115	102	272	1380	367	319	2340	266	1110	180
25	120	103	115	107	972	1260	2940	299	1350	202	2290	223
26	118	105	101	107	2290	1100	3060	1410	2540	302	1430	198
27	115	105	97	98	1190	620	964	464	2470	468	511	198
28	115	108	105	82	1470	1010	1020	287	1290	915	445	193
29	115	105	105	78		1440	455	250	782	772	302	188
30	118	105	105	80		656	664	187	581	450	266	188
31	125		115	72		367		963		250	233	
Mean	361	123	102	110	332	653	589	815	5484	1010	933	493
Max.	3420	140	120	133	2290	2730	3060	5190	39500	5580	3750	2480
Min.	105	103	57	72	69	81	169	187	581	202	233	188
A.F.	22180	7320	6260	6740	18440	39070	35020	50080	326300	62130	57380	29320

Total acre-feet 660240

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR BEAVER CITY
Sec. 14-1-23 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	8	10	8	5	20	8	10	36	160	118	32
2	10	7	12	8	5	14	10	8	26	130	105	31
3	10	7	13	8	5	11	10	8	23	135	105	28
4	9	7	10	8	6	14	8	8	18	139	94	102
5	11	6	10	7	6	16	9	9	17	103	84	605
6	16	6	10	7	6	12	9	9	22	86	73	768
7	9	8	8	7	7	10	9	9	18	76	69	1010
8	8	8	8	7	6	7	9	9	432	74	66	1170
9	8	8	7	6	7	7	9	8	176	62	60	1120
10	8	9	7	6	8	7	9	7	86	62	104	961
11	7	10	7	6	8	7	10	7	88	168	451	426
12	8	10	7	7	8	7	12	7	603	204	256	256
13	7	19	7	7	9	7	12	8	46	640	626	168
14	8	9	7	7	9	9	11	8	168	792	1210	168
15	8	10	8	7	10	8	10	12	379	1670	921	147
16	7	12	8	8	12	8	9	11	268	2000	344	133
17	6	10	8	8	15	8	9	14	231	1690	244	122
18	6	11	8	8	18	8	10	11	189	1310	203	113
19	7	13	8	9	20	9	10	10	187	596	165	107
20	7	11	8	10	20	8	10	53	148	311	107	100
21	8	10	9	10	18	9	9	240	95	252	88	94
22	8	9	9	10	16	9	9	32	447	220	77	89
23	8	9	9	9	16	9	9	46	514	203	74	84
24	8	9	9	9	15	8	10	286	569	212	69	76
25	8	9	10	9	15	9	10	289	544	161	62	75
26	9	9	10	9	16	8	9	370	608	148	57	72
27	12	9	9	8	15	8	9	288	674	139	103	67
28	9	11	9	7	16	9	11	167	733	138	80	62
29	8	10	9	6	...	13	11	102	461	190	55	60
30	8	10	9	5	...	11	11	64	224	156	39	57
31	8	...	9	5	...	9	...	46	...	134	33	...
Mean	9	9	9	8	11	10	10	70	252	412	196	277
Max.	16	13	13	10	20	20	12	289	733	2000	1210	1170
Min.	6	6	7	5	5	7	8	7	17	62	33	28
A.F.	527	539	541	466	631	602	578	4280	14980	25320	12080	16500

Total acre-feet 77040

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR STAMFORD
Sec. 23-2-20 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	37	21	13	18	3	42	28	31	103	616	396	137
2	40	21	12	21	3	42	28	31	88	622	288	172
3	38	21	12	8	5	42	26	29	72	440	249	252
4	34	22	12	10	6	39	25	26	62	273	225	272
5	43	22	14	12	7	37	26	25	57	261	212	363
6	40	22	10	12	10	36	29	25	56	219	189	663
7	35	22	12	14	13	38	28	25	52	191	174	948
8	32	22	15	15	17	35	28	27	467	172	169	1120
9	32	21	18	16	20	20	28	26	1190	159	151	1950
10	29	21	20	17	20	11	25	26	811	149	139	2840
11	28	21	20	17	26	11	28	26	232	302	492	2640
12	26	21	20	17	27	30	25	25	222	895	791	2610
13	25	22	20	16	13	33	26	25	156	1280	503	1810
14	26	22	20	17	10	33	28	24	135	1290	743	1240
15	25	22	21	17	10	38	26	25	122	1160	1200	690
16	25	20	21	20	14	38	28	25	347	1370	1040	409
17	25	20	19	20	21	35	26	26	348	1780	1000	370
18	26	19	23	20	25	32	26	31	351	3010	479	320
19	25	19	19	18	28	28	27	37	363	3800	416	278
20	23	19	20	20	32	32	28	65	355	2430	355	256
21	23	18	20	15	30	31	30	557	359	1330	275	239
22	24	17	20	19	26	28	30	818	381	1130	237	225
23	24	17	19	22	34	31	31	244	854	723	213	212
24	24	21	20	22	35	28	30	180	849	593	198	201
25	24	22	19	23	32	30	29	255	858	603	182	191
26	23	20	17	22	32	30	28	384	856	552	165	183
27	23	17	20	10	31	28	33	478	895	355	158	176
28	23	13	20	5	54	30	32	369	948	520	154	167
29	23	11	22	5	...	28	32	246	1010	425	297	161
30	23	12	21	6	...	27	31	169	890	464	268	160
31	23	...	20	5	...	27	...	125	...	510	164	...
Mean	28	20	18	15	21	31	28	142	450	891	372	708
Max.	43	22	23	23	54	42	33	818	1190	3800	1200	2840
Min.	23	11	10	5	3	11	25	24	52	149	139	137
A.F.	1730	1170	1110	949	1160	1920	1680	8740	26760	54790	22850	42160

Total acre-feet 185000

DISCHARGE IN SECOND-FEET OF SHEEP CREEK NEAR MORRILL
Sec. 16-23-57 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	117	107	98	89	83	78	75	55	110	12	5
2	142	116	105	97	90	84	78	73	87	100	10	5
3	139	114	104	98	90	84	78	72	37	96	10	140
4	139	116	106	95	90	84	77	75	11	94	12	142
5	136	115	101	94	90	84	79	74	7	94	12	138
6	138	114	100	95	90	84	79	76	8	39	12	138
7	133	110	102	94	90	84	78	75	7	65	12	135
8	130	110	103	94	91	84	77	59	7	91	11	137
9	133	107	103	94	89	85	79	5	7	74	12	137
10	138	108	104	93	90	83	80	5	7	12	13	138
11	133	111	104	93	88	83	78	4	60	12	13	139
12	133	114	104	92	86	83	76	4	86	19	13	140
13	133	115	103	92	86	82	76	4	84	14	12	137
14	130	116	101	92	85	81	76	4	36	12	13	139
15	130	115	100	91	85	79	77	4	6	12	12	142
16	129	113	100	91	86	79	77	4	5	12	10	146
17	127	114	99	86	86	80	77	5	5	11	10	85
18	126	114	99	88	86	78	77	5	5	11	8	8
19	127	114	99	89	87	78	77	4	39	10	4	7
20	126	113	98	89	86	79	78	4	104	11	4	8
21	124	112	98	91	86	78	77	4	108	33	4	8
22	123	110	98	92	86	76	76	4	108	95	5	8
23	127	107	98	92	86	76	77	4	108	31	5	8
24	123	108	100	93	86	76	88	4	110	12	5	8
25	124	109	100	93	86	76	84	4	115	11	5	53
26	124	108	99	92	86	77	84	4	113	10	5	136
27	126	107	99	90	85	78	82	4	112	11	5	132
28	123	106	99	89	84	78	78	3	109	192	5	130
29	121	105	99	89	89	78	76	3	108	137	5	130
30	121	105	99	89	89	78	76	4	107	126	4	130
31	118	110	100	89	87	78	78	4	51	51	4	4
Mean	129	111	101	92	87	80	78	22	59	52	9	94
Max.	142	117	107	98	91	85	88	76	115	192	13	146
Min.	118	105	98	86	84	76	76	3	5	10	4	5
A.F.	7960	6630	6210	5660	4850	4940	4660	1330	3490	3190	527	5570

Total acre-feet 55020

DISCHARGE IN SECOND-FEET OF SHELL CREEK AT NEWMAN GROVE
Sec. 2-20-4 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	1	1	1	0	3	3	4	18	11	3	4
2	11	1	1	1	0	2	3	5	24	12	3	4
3	4	2	1	1	0	1	3	3	8	110	3	4
4	3	2	1	0	0	1	3	2	4	10	3	4
5	2	2	1	0	0	8	3	2	3	5	3	63
6	2	2	1	0	0	12	3	2	3	6	3	71
7	2	2	1	0	0	7	3	2	3	4	3	6
8	3	2	1	0	0	2	3	2	3	4	3	4
9	2	2	1	1	1	3	3	2	3	4	3	4
10	2	2	1	1	1	2	2	2	3	5	33	4
11	2	2	1	1	1	2	2	2	4	50	2	19
12	2	1	1	1	0	2	2	2	4	11	2	546
13	1	1	1	1	1	2	2	2	4	5	100	44
14	1	1	1	1	1	2	2	2	3	5	5	5
15	1	1	1	1	1	5	2	2	4	5	399	4
16	1	1	1	1	1	10	2	2	4	5	8	3
17	1	1	1	1	1	10	2	2	4	5	3	3
18	1	1	1	1	1	20	2	2	10	888	2	3
19	1	1	1	1	1	12	2	2	15	39	2	2
20	1	1	1	1	1	6	2	2	25	9	1130	3
21	1	1	1	1	1	4	3	2	15	6	63	3
22	1	2	2	1	1	100	2	2	10	4	8	3
23	1	1	2	1	1	661	2	2	8	3	5	3
24	1	1	2	1	1	500	2	2	8	2	83	3
25	1	1	2	1	1	350	2	2	7	2	54	3
26	1	1	1	1	1	250	2	2	8	2	6	3
27	1	1	1	1	1	100	35	3	8	2	54	3
28	1	1	1	0	18	104	9	2	9	2	5	3
29	1	1	1	0	9	9	4	2	10	2	4	3
30	1	1	1	0	4	4	3	2	10	2	4	3
31	2	1	1	0	3	3	7	7	2	2	4	4
Mean	2	1	1	1	1	70	4	3	8	39	75	28
Max.	11	2	2	1	18	661	35	7	25	888	1130	546
Min.	1	1	1	0	0	1	2	2	3	2	2	3
A.F.	116	83	75	45	78	4330	230	161	475	2420	4620	1650

Total acre-feet 14280

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF SHELL CREEK AT COLUMBUS
Sec. 23-18-1 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	9	10	14	7	15	41	48	36	14	14	24
2	16	9	10	13	7	19	36	56	558	13	14	25
3	31	11	9	12	9	13	33	51	234	15	14	24
4	36	14	8	13	10	12	30	44	96	34	13	24
5	23	21	6	12	10	11	31	32	42	152	12	27
6	19	16	6	12	11	11	41	26	30	40	12	170
7	14	14	8	11	12	15	64	23	28	28	11	112
8	11	12	10	12	12	14	43	21	26	22	11	62
9	10	12	13	13	11	13	46	20	25	21	14	38
10	11	12	15	13	10	12	37	20	23	28	16	30
11	10	12	15	13	12	14	33	21	24	38	23	26
12	9	12	15	14	12	15	30	21	42	83	35	32
13	8	13	15	13	10	17	28	20	26	117	116	413
14	8	14	15	14	11	15	31	20	21	86	385	608
15	10	14	15	14	11	14	28	20	24	36	176	136
16	12	14	17	15	11	14	24	20	22	24	580	48
17	11	15	15	16	10	14	22	19	19	19	498	36
18	12	16	15	16	10	20	21	20	22	18	76	31
19	12	16	14	16	10	32	20	27	32	182	39	28
20	12	14	15	12	10	30	20	53	58	513	604	26
21	12	17	15	15	11	65	44	74	32	135	1120	25
22	12	16	15	14	11	67	82	37	22	39	1090	24
23	11	15	17	14	12	250	42	34	19	27	833	22
24	10	13	17	13	12	400	34	25	18	23	50	22
25	11	13	16	11	11	450	32	25	20	20	200	22
26	16	10	13	12	10	600	34	24	34	18	60	22
27	16	10	15	9	11	700	40	24	23	17	130	22
28	11	10	14	7	11	500	602	23	26	16	35	22
29	12	10	14	5	...	337	233	24	20	14	25	20
30	11	10	14	5	...	134	67	22	17	14	25	18
31	10	...	14	6	...	55	...	20	...	14	25	...
Mean	14	13	13	12	10	12	62	30	54	59	202	71
Max.	36	21	17	16	12	700	602	74	558	513	1120	608
Min.	8	9	6	5	7	11	20	19	17	13	11	18
A.F.	830	781	815	753	582	7690	3710	1810	3210	3610	12410	4240

Total acre-feet 40440

DISCHARGE IN SECOND-FEET OF SILVER CREEK AT ITHACA
Sec. 28-14-8 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	4	4	4	5	110	13	15	947	11	15	13
2	7	4	4	4	4	33	13	13	226	11	15	12
3	6	4	4	4	5	25	12	12	49	11	15	13
4	5	4	4	4	5	17	11	10	23	11	15	13
5	5	4	4	4	5	16	11	9	24	12	15	13
6	5	4	4	4	5	15	10	8	26	70	15	13
7	26	4	4	4	5	14	11	9	149	13	15	12
8	10	4	4	4	5	14	10	9	112	11	15	12
9	8	4	4	4	5	14	10	9	40	11	15	14
10	8	4	4	4	5	14	10	9	33	11	16	13
11	6	4	4	4	5	14	9	10	20	12	16	15
12	4	4	4	4	5	10	9	10	16	12	16	17
13	4	4	4	4	5	10	8	15	14	12	17	26
14	4	4	4	4	5	10	8	12	13	13	18	13
15	4	4	4	4	5	10	9	11	12	13	21	11
16	4	4	4	4	8	5	16	15	9	12	13	41
17	4	4	4	4	8	5	16	12	13	12	13	22
18	4	4	4	4	8	10	18	10	15	12	13	18
19	4	4	4	4	8	10	16	8	13	12	13	17
20	4	4	5	4	4	10	16	8	10	12	14	61
21	4	4	5	4	4	10	16	8	9	12	14	20
22	4	4	5	4	4	10	42	8	9	11	14	18
23	4	4	5	4	4	10	142	11	9	11	14	15
24	4	4	5	4	4	10	125	12	9	11	14	15
25	4	4	4	4	4	10	149	15	9	11	14	15
26	4	4	4	4	4	16	53	15	8	11	14	14
27	4	4	4	4	4	14	35	15	9	11	14	14
28	4	4	4	4	4	200	45	15	8	11	14	13
29	4	4	4	4	4	...	17	15	8	11	15	14
30	4	4	4	4	4	...	14	16	8	11	14	13
31	4	4	4	4	4	...	14	16	8	11	14	13
Mean	6	4	4	4	4	14	34	11	785	62	14	18
Max.	26	5	...	8	200	149	16	785	947	70	61	26
Min.	4	4	...	...	...	...	8	8	11	11	13	7
A.F.	356	258	258	278	780	2100	671	2170	3720	904	1110	669

Total acre-feet 13270

BUREAU OF IRRIGATION

531

DISCHARGE IN SECOND-FEET OF SNAKE RIVER NEAR BURGE
Sec. 20-31-31 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	256	253	256	260	250	296	244	272	332	244	233	260
2	276	256	260	250	220	290	241	253	303	256	233	266
3	260	266	266	250	224	260	241	241	282	263	238	317
4	263	256	253	250	238	270	241	241	276	247	230	363
5	244	250	120	241	263	270	256	241	250	244	230	359
6	244	253	180	238	260	282	276	241	238	238	224	344
7	253	256	230	238	260	266	279	241	292	233	221	359
8	238	269	250	238	250	236	272	236	292	236	224	340
9	227	250	260	241	270	236	269	253	260	230	233	355
10	236	218	275	253	303	244	269	269	241	236	244	317
11	236	250	338	250	371	256	266	241	233	282	289	276
12	236	266	317	241	300	236	263	244	233	347	263	286
13	241	253	296	247	240	250	250	250	221	317	253	263
14	244	253	266	244	250	256	250	296	244	286	325	244
15	244	250	269	238	270	263	260	276	218	282	306	247
16	244	247	260	238	292	256	253	289	211	286	256	241
17	247	247	256	241	300	263	247	314	230	266	247	236
18	244	247	256	244	260	272	247	336	310	250	244	244
19	247	250	260	244	256	266	250	355	286	238	238	247
20	244	260	263	236	256	256	289	328	289	224	317	244
21	250	253	266	244	256	260	272	359	279	233	272	250
22	263	256	266	247	260	260	266	351	289	236	260	244
23	250	247	266	244	263	282	260	317	359	227	256	241
24	247	213	266	247	272	276	303	289	332	221	256	250
25	247	244	263	238	300	266	296	279	279	216	241	238
26	241	269	279	236	296	266	289	260	282	213	233	241
27	241	253	279	143	300	266	325	244	269	230	227	241
28	244	253	256	110	347	279	300	244	250	263	227	233
29	236	253	253	200	.....	263	303	247	247	266	233	233
30	238	256	253	240	.....	256	292	260	247	286	296	230
31	241	.....	256	300	.....	244	.....	272	.....	263	260	.....
Mean	246	252	259	236	272	263	269	275	269	254	252	274
Max.	276	269	336	300	371	296	325	359	359	347	325	363
Min.	227	213	120	110	220	236	241	236	211	213	221	230
A.F.	15120	14970	15930	14540	15130	16150	16000	16940	16010	15590	15490	16280

Total acre-feet 188150

DISCHARGE IN SECOND-FEET OF SPOTTED TAIL CREEK, DRY, AT
MITCHELL—Sec. 28-23-56 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	78	64	43	41	34	31	24	71	71	69	72	86
2	81	63	42	41	34	31	24	43	53	61	76	89
3	76	63	41	40	33	31	24	66	50	93	82	139
4	76	63	39	40	33	31	23	65	52	107	84	112
5	78	61	38	39	32	30	24	67	51	78	85	106
6	74	61	38	38	32	30	25	57	51	48	89	108
7	72	61	38	38	32	30	24	46	46	50	81	107
8	74	60	38	39	33	30	23	44	47	53	80	106
9	72	57	38	39	33	30	24	42	48	50	84	101
10	67	59	37	38	32	30	25	44	54	49	80	100
11	65	58	37	38	32	30	24	43	51	56	78	95
12	70	55	37	37	32	30	24	43	43	59	76	95
13	74	55	38	36	32	29	24	45	45	53	73	97
14	74	55	37	36	32	29	24	43	41	58	77	93
15	72	53	36	36	32	29	24	45	40	61	80	98
16	74	51	36	36	32	28	25	47	43	64	79	110
17	72	52	36	38	32	29	25	50	49	67	77	103
18	74	53	36	38	32	27	24	47	55	57	75	95
19	70	51	36	37	32	28	24	45	54	55	75	91
20	69	51	36	36	31	29	24	43	54	59	74	98
21	69	50	41	38	31	29	24	48	60	63	73	102
22	69	48	46	36	31	27	23	43	63	63	73	108
23	68	45	46	37	31	27	25	38	63	62	76	108
24	66	46	45	36	31	27	32	36	295	63	82	108
25	67	46	48	36	31	27	29	33	238	60	82	104
26	66	46	45	36	31	28	29	33	97	58	86	98
27	65	46	45	34	30	26	75	43	70	61	87	96
28	75	44	43	34	31	26	84	45	66	106	87	102
29	76	43	41	34	.....	26	93	45	65	82	89	108
30	76	44	41	34	.....	26	95	48	63	76	90	88
31	66	.....	41	34	.....	26	.....	50	.....	71	85	.....
Mean	72	54	40	37	32	29	33	47	69	65	80	102
Max.	81	64	48	41	34	31	95	71	295	107	90	139
Min.	65	43	36	34	30	26	23	33	40	48	72	86
A.F.	4410	3180	2460	2280	1780	1760	1970	2890	4120	3980	4930	6050

Total acre-feet 39810

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF SPRING CREEK NEAR CUSHING
Sec. 5-15-9 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	4	6	5	3	8	5	58	20	7	5	18
2	47	5	6	5	3	9	5	21	28	10	5	17
3	53	5	6	4	3	9	5	9	16	45	5	16
4	21	5	6	4	4	10	5	7	12	20	5	17
5	12	5	6	5	3	12	6	6	10	12	4	69
6	10	6	5	5	3	14	6	6	9	12	4	84
7	10	4	6	5	3	11	7	6	9	10	5	10
8	9	5	6	5	3	10	8	7	8	10	9	7
9	9	5	6	6	3	8	8	8	7	10	8	9
10	8	5	6	6	3	6	8	9	7	29	12	5
11	8	5	6	5	3	7	8	9	11	61	21	7
12	7	5	6	5	4	7	7	7	6	70	59	287
13	6	5	6	5	3	3	7	7	7	94	51	181
14	6	5	6	5	4	8	6	8	22	25	136	31
15	5	5	6	5	4	8	6	8	32	15	14	16
16	5	5	6	5	4	7	6	9	15	10	17	11
17	5	5	5	5	4	6	5	30	9	11	16	9
18	5	5	5	5	5	7	8	239	183	9	5	8
19	5	6	5	5	5	8	8	75	105	10	6	8
20	5	8	5	5	7	8	8	23	28	9	69	5
21	5	7	5	5	8	8	8	15	21	6	174	6
22	5	6	5	4	9	12	8	14	20	6	19	6
23	5	5	5	3	9	18	8	11	36	6	10	5
24	5	5	5	3	9	25	8	28	46	7	37	5
25	5	6	5	3	9	17	8	191	55	7	16	5
26	5	6	5	3	9	15	15	53	198	7	12	5
27	5	7	5	3	9	10	541	19	61	7	40	4
28	5	7	5	4	8	8	163	14	10	7	28	4
29	5	7	5	3	7	7	26	12	5	6	21	4
30	5	6	4	3	6	6	36	29	5	5	19	4
31	5	5	5	3	6	6	6	155	5	5	19	4
Mean	9	6	5	4	5	10	32	35	34	21	42	29
Max.	53	8	6	6	9	25	541	239	198	145	511	287
Min.	5	4	4	3	3	6	5	6	5	5	4	4
A.F.	582	329	330	269	295	598	1880	2170	2010	1280	2610	1710

Total acre-feet 14060

DISCHARGE IN SECOND-FEET OF SINKING WATER CREEK NEAR
PALISADE—Sec. 30-5-33 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	35	43	42	30	55	38	57	78	58	38	39
2	31	32	45	41	35	52	38	50	92	65	37	111
3	33	32	43	38	40	51	38	48	90	55	39	69
4	32	34	42	38	40	46	38	45	85	55	42	86
5	34	33	35	40	38	48	40	42	74	52	46	103
6	33	33	35	36	39	50	46	40	67	50	44	105
7	31	33	40	26	35	50	55	38	133	50	40	219
8	31	34	45	27	40	48	49	38	254	48	38	284
9	30	34	45	30	45	45	47	38	175	47	38	196
10	30	32	41	35	55	42	45	38	155	55	38	123
11	30	36	42	35	56	35	43	37	130	80	42	84
12	31	38	46	35	57	30	42	36	94	79	39	65
13	31	40	50	35	48	35	42	38	87	76	40	68
14	32	40	52	35	33	42	42	57	74	81	38	60
15	31	40	50	39	42	47	41	363	62	70	38	55
16	32	40	48	45	56	47	39	465	56	58	36	52
17	32	40	47	45	55	46	38	293	114	54	36	48
18	32	40	45	47	52	45	38	213	231	52	35	46
19	33	40	44	46	57	43	39	126	81	47	34	44
20	33	40	44	44	55	41	39	121	66	48	35	42
21	33	40	44	31	61	43	40	165	60	80	35	40
22	33	40	45	43	59	43	42	179	84	264	35	40
23	33	38	43	46	57	45	45	316	104	74	35	40
24	33	27	43	41	55	44	44	194	107	56	36	40
25	34	30	44	43	56	43	43	111	81	52	35	40
26	34	35	44	42	57	42	50	91	143	46	35	40
27	34	45	44	35	55	42	70	75	136	46	33	40
28	34	48	37	25	60	40	81	68	83	43	33	40
29	34	48	40	30	40	40	86	72	64	42	33	40
30	34	45	46	30	39	65	81	62	57	40	32	40
31	35	41	30	38	38	62	62	62	39	39	32	40
Mean	32	37	44	37	49	44	47	116	103	63	37	77
Max.	35	48	52	47	61	55	86	465	254	264	46	284
Min.	29	27	35	25	30	30	38	36	56	39	32	39
A.F.	1980	2230	2680	2290	2710	2690	2780	7130	6140	3900	2280	4560

Total acre-feet 41380

DISCHARGE IN SECOND-FEET OF
STREVER CREEK NEAR OVERTON
Sec. 1-8-20 W
Water Year Ending Sept. 30, 1951

Day	May	June	July	Aug.	Sept.
1	21	24	47	56	47
2	22	56	41	47	56
3	15	32	39	56	58
4	14	42	47	56	76
5	14	25	53	56	77
6	14	22	52	52	75
7	13	24	53	58	57
8	16	21	48	73	58
9	16	23	43	57	58
10	16	30	44	51	48
11	19	35	55	49	47
12	17	29	56	47	47
13	16	28	109	57	39
14	19	52	88	56	35
15	22	80	72	57	35
16	25	34	72	54	36
17	29	84	87	47	32
18	32	47	75	41	29
19	29	36	98	49	29
20	25	45	72	76	29
21	33	41	63	83	29
22	41	41	62	60	27
23	39	42	56	56	27
24	23	45	55	61	29
25	20	76	54	67	29
26	17	114	52	67	26
27	14	167	49	63	24
28	14	108	49	61	24
29	14	74	49	58	23
30	14	59	57	58	22
31	13		57	58	
Mean	21	51	60	58	41
Max.	41	167	109	83	77
Min.	13	21	39	41	22
A.F.	1260	3050	3680	3550	2440

DISCHARGE IN SECOND-FEET OF TEKAMAH CREEK NEAR TEKAMAH
Sec. 19-21-11 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	0	1	0	7	5	150	41	6	4	5
2	49	1	1	1	0	5	5	25	30	67	4	5
3	2	2	1	1	0	5	5	15	11	270	4	5
4	1	1	1	1	0	5	5	12	10	11	4	5
5	1	1	1	1	0	5	6	11	10	11	4	6
6	1	1	1	1	0	2	11	10	10	10	4	5
7	1	1	1	1	0	1	7	10	17	8	3	5
8	1	1	1	1	0	1	10	9	11	7	3	5
9	1	1	1	1	0	0	8	12	9	7	4	8
10	1	0	1	1	0	0	7	32	8	6	5	5
11	1	0	1	1	0	0	6	10	9	7	4	5
12	1	1	1	1	0	0	5	10	8	7	82	53
13	1	1	1	1	0	0	6	9	8	7	25	8
14	1	2	1	1	0	0	6	12	7	6	255	5
15	1	2	1	1	0	0	6	11	8	5	46	5
16	1	1	1	1	0	0	4	10	8	5	2	5
17	1	1	1	1	0	0	4	38	7	5	2	5
18	1	1	1	1	0	0	4	17	3	5	2	4
19	1	0	1	1	0	0	3	12	12	5	1	4
20	1	0	1	1	0	8	6	10	14	5	551	4
21	1	1	1	1	9	5	12	8	9	4	13	4
22	1	1	1	0	10	20	5	8	8	4	10	4
23	1	1	1	0	11	60	5	7	8	4	9	4
24	1	1	1	0	13	128	6	6	8	4	11	4
25	1	0	1	0	14	203	18	8	7	3	9	4
26	1	0	1	0	15	199	7	7	10	3	8	4
27	1	0	1	0	7	72	9	6	8	4	8	4
28	1	0	1	0	319	67	12	6	7	4	7	3
29	1	0	1	0	0	10	84	5	7	4	6	4
30	1	0	1	0	0	7	62	5	6	4	6	4
31	1	1	1	0	0	5	0	198	0	4	5	0
Mean	2	1	1	0	15	26	11	22	13	16	36	6
Max.	49	2	1	1	319	203	84	198	74	270	551	53
Min.	1	0	0	0	0	0	3	5	6	3	1	3
A.F.	148	52	40	24	816	1610	671	1370	757	995	2180	383

Total acre-feet 9050

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF THOMPSON CREEK AT RIVERTON
Sec. 2-1-13 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	25	21	23	14	27	28	26	36	40	21	21
2	50	26	20	29	15	29	28	25	72	36	20	22
3	54	24	21	28	18	26	25	24	50	32	22	26
4	27	23	19	30	25	26	25	24	47	27	21	36
5	22	22	20	31	28	27	27	25	46	24	21	30
6	22	24	19	30	26	28	24	24	184	24	20	26
7	21	23	19	30	23	28	24	24	377	23	20	26
8	22	24	19	33	25	29	23	26	138	22	20	26
9	22	25	20	37	32	30	24	24	103	22	21	26
10	23	26	20	35	41	30	24	23	91	419	22	24
11	22	27	24	29	33	22	24	24	86	1510	21	24
12	23	28	17	21	29	22	23	24	84	967	21	24
13	23	29	16	22	23	24	24	25	83	344	20	25
14	23	28	17	22	21	25	24	25	83	77	23	26
15	23	28	17	22	23	22	24	24	84	57	22	23
16	23	26	17	22	23	21	25	24	82	46	22	26
17	23	26	17	21	28	22	25	313	81	42	22	25
18	22	25	17	21	30	23	22	150	81	47	21	24
19	22	25	16	21	29	22	24	84	78	41	23	24
20	23	28	18	24	29	23	30	64	77	36	21	24
21	23	28	16	24	29	24	30	70	79	35	20	24
22	24	28	15	24	29	25	24	67	105	37	22	24
23	24	27	16	25	26	26	24	36	78	34	22	24
24	24	26	16	25	28	26	25	22	70	32	21	22
25	23	25	18	26	28	24	25	23	63	30	19	22
26	24	24	15	26	29	26	26	22	69	28	21	22
27	24	22	13	24	28	26	26	22	82	27	24	22
28	24	23	14	18	35	29	25	24	60	26	22	23
29	24	21	16	13	.....	28	25	24	51	25	21	23
30	25	22	21	14	.....	27	27	23	44	23	20	23
31	24	22	14	25	.....	27	27	23	44	22	20	23
Mean	25	25	16	25	27	26	25	44	89	134	21	25
Max.	54	29	24	37	41	30	30	31	377	1510	24	38
Min.	21	21	13	13	14	21	22	22	36	22	19	21
A.F.	1550	1500	1100	1520	1480	1570	1500	2690	5280	8240	1300	1470

Total acre-feet 29200

DISCHARGE IN SECOND-FEET OF TUB SPRINGS NEAR SCOTTSBLUFF
Sec. 32-23-55 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	95	67	52	45	37	34	29	11	63	85	1	46
2	95	65	50	44	40	34	29	14	56	72	1	52
3	90	65	50	44	45	34	30	12	40	77	6	281
4	89	66	50	44	45	34	30	12	28	70	27	102
5	92	63	48	43	50	34	31	12	28	47	58	95
6	96	62	49	42	48	33	30	15	27	32	51	92
7	95	62	48	41	45	34	30	16	22	45	10	91
8	84	62	50	40	50	32	29	22	21	60	2	84
9	76	59	48	40	48	32	31	24	30	37	3	86
10	75	60	48	40	43	31	31	10	71	39	3	110
11	74	62	49	40	39	31	31	5	75	40	4	117
12	72	61	50	40	37	31	31	4	54	50	10	122
13	72	61	49	40	36	31	30	4	50	56	5	111
14	72	60	48	40	36	31	30	4	43	64	2	105
15	71	58	48	40	36	31	29	4	28	74	3	98
16	68	59	49	40	36	30	29	4	14	65	2	93
17	75	58	50	40	36	30	29	13	42	43	1	78
18	77	58	49	40	36	28	29	5	60	39	1	31
19	78	57	49	39	36	29	30	7	72	32	1	23
20	78	58	49	40	36	30	30	19	52	26	1	32
21	73	57	48	40	36	30	30	24	62	26	1	44
22	71	54	48	40	35	30	30	29	63	25	1	44
23	73	53	49	40	36	30	33	29	76	2	16	44
24	72	53	48	40	35	30	37	31	262	2	54	44
25	72	54	48	42	34	30	36	24	232	2	35	40
26	72	53	48	40	34	30	32	8	80	2	22	39
27	70	53	47	38	34	30	20	3	70	2	10	38
28	68	52	46	37	34	30	13	3	69	31	5	51
29	68	52	46	37	34	30	12	3	70	32	10	82
30	68	52	47	38	.....	30	12	12	71	31	10	90
31	68	52	45	37	.....	30	12	12	71	17	10	90
Mean	77	58	48	40	39	31	28	13	64	39	12	79
Max.	96	67	52	45	50	34	37	31	262	85	58	281
Min.	68	52	45	37	34	28	12	3	14	2	1	23
A.F.	4760	3480	2980	2480	2170	1910	1690	822	3830	2420	727	4690

Total acre-feet 31960

DISCHARGE IN SECOND-FEET OF TURKEY CREEK AT NAPONEE
Sec. 4-1-16 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	12	12	11	4	23	15	18	17	14	11	8
2	87	12	12	9	7	20	15	16	20	13	11	9
3	34	13	12	9	12	19	15	15	16	13	10	12
4	21	13	12	12	11	17	15	15	15	13	10	56
5	17	13	12	10	11	17	16	14	15	12	11	29
6	17	12	9	10	12	17	15	14	23	12	11	20
7	16	12	10	10	11	17	15	14	24	12	11	18
8	15	12	11	10	13	17	14	14	20	12	10	17
9	16	12	12	14	18	17	14	14	18	12	10	16
10	16	12	13	14	19	17	14	14	16	15	10	16
11	16	12	12	12	15	17	14	14	16	349	10	16
12	15	12	12	12	12	19	14	14	16	396	10	15
13	15	12	11	12	12	11	14	15	16	142	11	14
14	15	12	12	12	8	14	13	16	16	33	11	14
15	14	12	11	12	8	13	13	16	16	22	12	12
16	14	12	11	12	9	13	13	16	16	20	11	12
17	13	12	11	12	14	14	14	35	16	19	12	11
18	13	12	11	11	14	14	13	27	16	17	12	11
19	13	12	11	11	14	14	13	19	16	16	11	12
20	12	12	11	11	14	14	14	19	16	15	11	12
21	12	12	11	12	14	14	14	179	17	14	10	12
22	12	12	11	12	14	14	16	92	23	15	10	12
23	12	12	11	12	14	14	16	30	21	13	10	11
24	12	10	12	12	14	14	16	24	19	13	10	11
25	12	10	11	12	16	14	16	23	17	13	9	11
26	12	13	11	12	16	15	15	21	17	13	9	11
27	12	13	10	12	16	15	15	18	16	13	10	11
28	12	13	12	10	18	16	14	17	15	13	9	11
29	12	12	12	9	---	16	14	23	15	13	8	10
30	12	12	11	8	---	15	28	22	14	12	8	10
31	12	---	11	5	---	15	---	18	---	11	8	---
Mean	17	12	11	11	13	16	15	26	17	42	10	15
Max.	87	13	13	14	19	23	28	179	24	396	12	56
Min.	12	10	9	5	4	11	13	14	14	11	8	8
A.F.	1050	717	697	676	714	964	914	1600	1030	2580	628	873

Total acre-feet 12440

DISCHARGE IN SECOND-FEET OF WAHOO CREEK AT ITHACA
Sec. 32-14-8 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	19	19	21	15	418	52	287	12200	51	47	33
2	82	19	20	19	16	90	50	219	1400	50	37	32
3	76	20	20	17	17	180	46	90	296	53	33	34
4	28	24	21	18	17	62	46	79	205	52	32	33
5	25	22	19	18	17	60	44	71	155	258	29	34
6	21	21	18	17	17	57	72	63	114	536	24	138
7	82	21	18	15	16	21	61	59	1240	118	26	109
8	23	20	19	15	16	20	72	58	1410	80	26	98
9	20	19	19	15	17	19	80	64	266	65	25	86
10	20	19	19	16	19	20	61	84	270	64	81	180
11	19	20	20	17	20	22	48	72	882	65	55	89
12	19	21	20	18	21	23	48	56	222	72	40	118
13	19	20	22	19	19	24	52	53	141	68	638	94
14	18	21	24	19	19	29	56	61	119	67	214	75
15	19	21	19	19	33	47	97	97	125	62	817	59
16	19	21	19	21	21	44	41	61	122	56	166	47
17	19	21	17	21	22	41	35	54	117	49	58	47
18	19	20	15	21	21	38	33	59	170	46	48	47
19	19	20	16	21	20	35	32	65	131	114	44	46
20	19	20	17	21	20	38	54	52	84	50	374	46
21	19	21	18	19	21	40	162	46	83	44	715	45
22	19	22	20	19	21	46	103	44	148	41	77	44
23	19	22	19	20	20	799	71	41	144	40	51	44
24	19	22	20	19	24	252	67	38	272	38	51	43
25	19	21	22	18	92	300	151	39	184	38	62	43
26	19	20	21	18	190	323	100	56	189	35	50	42
27	19	19	17	16	89	356	76	37	91	44	45	41
28	20	18	18	15	744	306	55	34	74	165	78	41
29	19	19	18	15	---	144	39	35	60	93	46	40
30	19	19	19	15	---	97	42	42	52	65	40	40
31	19	---	20	15	---	56	---	6530	---	50	37	---
Mean	26	20	19	18	55	129	63	279	699	85	131	62
Max.	82	24	24	21	744	799	162	6530	12200	536	817	180
Min.	18	18	15	15	15	19	32	34	52	35	24	32
A.F.	1580	1210	1180	1100	3070	7920	3760	17150	41590	5210	8060	3710

Total acre-feet 95540

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF WEEPING WATER CREEK AT UNION
Sec. 26-10-13 E.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	85	19	20	21	10	121	94	6200	521	84	64	110
2	1720	13	23	21	10	221	89	442	11100	85	76	101
3	211	46	20	20	10	245	80	314	845	1440	606	98
4	51	35	20	20	12	193	76	258	296	168	95	101
5	51	28	18	18	14	156	80	238	249	1770	66	158
6	52	24	16	18	14	55	132	218	411	4810	58	317
7	468	20	14	17	17	38	135	198	2250	576	52	118
8	72	26	16	15	18	35	145	196	622	254	54	94
9	46	24	18	16	17	35	136	226	293	202	65	128
10	44	26	23	17	17	35	101	317	302	195	119	127
11	38	28	27	18	18	40	87	314	1400	388	84	94
12	32	25	30	19	34	40	83	226	310	324	62	1180
13	38	25	27	19	25	40	92	176	218	208	637	454
14	32	27	23	18	24	40	89	134	192	172	466	115
15	30	26	20	18	21	51	93	778	328	140	2640	91
16	29	26	17	18	20	67	75	218	219	132	264	74
17	28	22	13	17	23	64	77	252	161	119	135	78
18	26	26	12	16	24	50	73	185	164	2000	101	70
19	25	27	12	14	27	50	74	383	186	290	100	70
20	23	21	12	14	29	50	77	188	136	123	262	64
21	23	19	13	14	26	50	205	206	234	112	173	98
22	28	17	16	13	26	281	186	183	456	108	94	64
23	28	20	19	13	27	516	102	127	339	103	90	70
24	28	20	21	12	26	86	125	118	196	93	690	98
25	27	20	21	12	559	96	872	214	127	87	223	162
26	31	20	18	13	824	92	362	909	388	87	136	110
27	31	18	18	12	182	105	684	149	267	83	109	77
28	30	18	16	10	125	228	238	106	119	83	109	74
29	28	20	18	10	.....	186	138	116	98	73	94	74
30	27	20	17	8	.....	117	804	99	91	80	84	102
31	27	.....	20	10	.....	98	.....	100	.....	73	87	.....
Mean	110	24	19	16	78	112	187	444	751	467	255	152
Max.	1720	46	30	21	824	516	872	6200	11100	4810	2640	1180
Min.	23	13	12	8	10	35	73	99	91	73	52	64
A.F.	6770	1400	1150	955	4320	6900	11140	27310	44660	28680	15660	9070

Total acre-feet 158020

DISCHARGE IN SECOND-FEET OF WHITE RIVER AT CRAWFORD
Sec. 3-31-52 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	19	19	20	14	18	22	22	33	16	19	19
2	20	22	19	15	15	22	22	22	25	17	14	16
3	20	25	19	20	15	20	22	22	22	17	16	100
4	19	25	18	20	18	22	22	22	21	16	15	50
5	17	20	18	20	18	25	22	23	22	16	15	29
6	16	19	16	16	20	22	22	22	22	15	14	21
7	15	21	29	18	20	20	21	21	22	14	13	21
8	17	20	27	18	22	17	20	21	21	14	12	17
9	16	20	27	20	24	15	20	20	20	14	13	15
10	16	20	28	15	25	15	24	21	20	17	14	14
11	16	20	16	15	26	16	21	20	20	28	15	14
12	16	20	25	20	24	16	21	20	20	29	14	16
13	17	21	25	20	24	19	21	20	18	20	13	15
14	16	22	23	20	22	23	20	19	17	17	14	14
15	16	22	22	21	22	22	22	20	19	15	14	14
16	19	21	22	22	23	20	22	25	17	15	13	14
17	22	23	22	22	23	19	22	26	17	15	12	14
18	20	22	22	29	24	18	20	23	19	15	11	14
19	20	21	21	23	25	20	22	23	19	14	11	14
20	19	19	21	18	22	22	22	23	17	13	13	14
21	20	23	21	22	23	20	23	24	18	16	15	15
22	20	22	22	30	23	21	22	22	20	17	14	15
23	20	20	22	25	22	21	22	20	22	18	14	15
24	22	20	22	25	24	21	22	20	20	15	13	16
25	21	21	23	27	23	22	21	20	19	12	12	15
26	18	22	23	26	22	22	20	18	20	11	12	12
27	16	22	23	22	23	22	20	17	17	11	11	12
28	16	21	23	15	20	22	20	17	17	83	11	14
29	17	20	23	21	.....	22	20	17	17	28	12	13
30	17	20	22	17	.....	22	22	17	16	24	14	14
31	17	.....	24	12	.....	22	.....	20	.....	58	14	.....
Mean	18	21	22	20	22	20	21	21	20	20	14	20
Max.	22	25	29	30	26	25	24	26	33	83	19	100
Min.	15	18	16	12	14	15	20	17	16	11	11	12
A.F.	1100	1250	1360	1260	1200	1250	1280	1290	1180	1250	827	1160

Total acre-feet 14410

WHITNEY RESERVOIR STORAGE IN ACRE-FEET
From White River—Sec. 34-33-51 W.
Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2										9940		
3												
4												
5												
6												
7												
8												
9												
10	4610		5920	6830	7890	8830			9710			7070
11												
12												
13												
14												
15											8320	
16												
17												
18												
19												
20		5400							9800	9800	9710	
21												
22												
23												
24												
25												
26												
27												
28					8490							
29												
30						9350	9980					7470
31												

DISCHARGE IN SECOND-FEET OF WHITE RIVER NEAR WHITNEY
Sec. 26-33-50 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	5	8	8	7	10	10	12	25	34	72	14
2	13	6	18	10	7	10	10	11	224	45	29	13
3	23	6	9	6	7	10	11	10	121	66	24	65
4	12	7	6	9	7	12	10	8	58	45	19	555
5	8	7	3	9	7	13	10	9	56	31	15	358
6	6	7	6	8	15	15	10	8	54	28	14	28
7	3	7	4	8	15	15	13	8	65	24	14	15
8	4	8	5	5	15	12	19	15	48	19	14	12
9	6	7	5	7	15	10	11	14	30	9	14	12
10	6	5	6	6	15	8	10	12	20	9	14	11
11	3	5	8	6	25	8	10	12	17	20	13	10
12	3	6	11	8	25	9	11	11	13	131	45	14
13	3	10	11	8	25	12	9	10	13	95	18	12
14	4	10	13	9	25	14	9	9	13	27	17	8
15	12	10	16	9	25	16	8	9	13	14	18	5
16	3	12	16	9	10	20	7	8	13	11	10	5
17	3	8	18	10	10	20	9	66	13	11	8	4
18	3	8	16	13	10	20	9	38	97	10	7	5
19	1	2	17	18	10	20	8	20	313	8	12	5
20	1	8	13	17	10	20	9	10	75	8	9	4
21	1	8	12	16	10	20	19	10	28	134	8	4
22	4	7	14	11	10	20	30	10	18	63	7	5
23	5	6	10	8	10	20	31	10	35	16	7	6
24	3	6	10	8	10	20	31	9	112	11	9	7
25	4	7	8	8	10	16	36	8	28	9	6	5
26	4	7	8	8	10	12	40	8	35	7	5	5
27	2	8	6	8	10	11	30	10	34	8	5	4
28	8	9	5	8	10	13	24	10	28	274	6	4
29	12	10	6	8	8	13	20	10	52	246	5	4
30	5	10	6	8	8	11	15	10	42	67	9	4
31	5	8	7	8	8	11	12	12	61	61	12	7
Mean	6	8	9	9	13	14	16	13	56	50	15	40
Max.	23	12	18	18	25	25	40	66	313	274	72	555
Min.	1	5	3	8	7	8	7	8	7	7	5	4
A.F.	388	450	577	559	724	875	949	810	3360	3060	923	2390

Total acre-feet 15060

DISCHARGE IN SECOND-FEET OF WINTERS CREEK NEAR SCOTTSBLUFF
Sec. 30-22-54 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	130	79	64	59	56	51	46	56	52	81	36	70
2	128	78	64	60	56	53	46	79	36	70	39	88
3	122	77	62	65	56	54	46	70	39	67	50	253
4	115	77	62	64	57	56	47	66	55	66	40	258
5	100	76	61	64	57	56	47	66	55	66	34	123
6	100	76	60	65	57	54	50	70	45	65	34	114
7	100	76	60	63	56	54	49	76	35	45	40	113
8	100	76	60	59	56	51	48	72	35	24	42	113
9	100	73	60	57	57	51	49	40	56	28	40	114
10	97	73	60	56	58	50	48	17	51	22	43	119
11	93	72	60	56	56	50	48	14	44	34	42	120
12	91	72	60	56	55	49	46	14	49	72	49	109
13	89	71	60	57	55	47	47	18	52	30	50	107
14	88	70	58	56	54	48	46	14	51	32	40	109
15	87	70	57	56	54	48	44	13	43	31	43	111
16	87	70	57	56	53	49	44	21	42	27	44	116
17	86	70	56	56	53	50	43	30	43	32	42	91
18	86	69	60	57	53	49	44	37	57	30	47	73
19	86	69	62	56	53	48	42	39	138	30	52	88
20	86	68	61	56	53	49	45	36	97	20	51	88
21	86	69	61	56	53	49	45	39	103	28	57	85
22	85	67	58	56	52	48	45	41	89	30	63	84
23	85	66	58	56	52	47	46	35	85	29	56	87
24	84	66	58	56	52	46	50	28	171	28	47	89
25	83	65	58	56	51	46	46	20	345	19	45	84
26	84	65	58	57	51	47	45	22	138	17	67	85
27	82	65	58	58	50	47	47	24	80	28	68	96
28	81	65	56	58	50	46	60	24	74	33	62	102
29	81	63	57	58	50	46	56	25	71	37	68	141
30	80	64	58	58	50	46	54	25	71	39	61	133
31	80	64	58	58	50	46	54	25	71	39	61	133
Mean	93	71	60	58	54	49	47	37	77	42	63	112
Max.	130	79	64	65	58	56	60	79	345	81	68	253
Min.	80	63	56	56	50	46	42	13	35	17	34	70
A.F.	5720	4200	3660	3570	3010	3040	2820	2270	4570	2380	3000	6670

Total acre-feet 44910

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR GIBBON
Sec. 9-9-13 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	7	6	6	6	8	8	53	70	22	6	3
2	6	6	6	5	6	12	8	73	160	16	5	3
3	76	5	5	6	6	6	8	40	281	14	4	4
4	42	5	5	6	6	11	8	23	134	12	5	6
5	24	5	4	5	6	9	8	16	40	12	5	6
6	87	6	5	5	5	11	9	13	22	10	4	6
7	26	6	5	5	6	6	9	12	16	10	3	4
8	12	6	6	5	6	9	9	12	13	10	4	5
9	7	6	6	6	7	5	9	11	11	10	4	5
10	2	6	6	7	7	4	9	10	10	9	3	4
11	0	7	6	8	6	4	8	9	10	10	3	4
12	0	6	6	8	6	4	8	10	9	14	3	12
13	0	6	6	8	7	4	8	10	9	95	3	11
14	1	6	6	8	7	5	8	10	50	119	2	6
15	1	5	6	8	6	5	8	10	244	63	2	5
16	2	5	5	8	5	6	8	10	74	34	2	3
17	2	5	5	9	6	7	8	12	29	14	1	3
18	2	5	6	9	7	8	7	12	68	14	2	3
19	2	5	6	9	7	9	7	16	41	20	2	3
20	2	4	6	6	8	8	8	23	25	11	2	3
21	2	5	6	5	10	9	9	24	34	10	22	3
22	3	5	6	5	11	11	10	19	32	10	22	2
23	2	5	6	7	11	8	9	27	35	9	10	2
24	3	5	6	8	12	7	9	30	140	9	8	2
25	3	5	6	6	12	5	8	22	192	9	6	2
26	3	6	4	6	11	6	8	43	259	8	3	2
27	4	6	5	4	10	7	10	62	454	7	5	3
28	4	6	5	2	12	9	30	21	212	6	2	2
29	4	6	6	3	.....	8	49	18	78	6	3	2
30	5	6	6	4	.....	9	100	21	38	6	4	2
31	5	6	6	6	.....	9	.....	40	6	6	4	4
Mean	11	6	6	6	8	7	13	23	93	19	5	4
Max.	87	7	6	9	12	12	100	73	454	119	22	12
Min.	0	4	4	2	5	4	7	9	9	6	1	2
A.F.	670	335	347	377	429	455	798	1410	5530	1190	301	243

Total acre-feet 12080

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR RIVERDALE
Sec. 31-10-16 W.—Water Year Ending September 30, 1951

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	3	4	3	5	5	3	32	218	10	2	1
2	4	3	4	3	4	5	4	14	236	7	1	1
3	6	3	4	3	5	4	4	6	53	6	1	1
4	106	3	4	3	5	4	5	4	19	5	1	2
5	34	3	4	3	5	4	4	4	11	4	1	3
6	14	3	4	3	5	4	5	4	6	4	2	2
7	5	3	4	3	4	4	4	3	4	4	1	1
8	3	3	4	3	4	4	4	4	4	3	0	1
9	2	3	4	3	4	5	4	4	4	3	1	1
10	3	3	4	3	5	4	4	4	3	3	1	1
11	3	3	4	3	6	5	4	4	2	38	1	1
12	3	3	4	4	6	5	4	4	4	81	1	1
13	5	3	3	3	6	5	4	4	11	68	1	0
14	4	3	3	3	5	5	5	5	44	34	1	1
15	4	3	3	3	5	5	5	5	18	11	1	1
16	4	3	3	3	6	5	5	5	61	6	1	2
17	4	3	3	3	6	5	5	12	50	5	0	1
18	3	3	3	3	6	5	5	18	18	4	0	1
19	3	3	3	3	6	5	5	11	26	4	38	1
20	3	3	3	3	6	5	5	5	24	2	31	1
21	3	3	3	3	5	5	6	27	17	1	10	1
22	3	2	3	3	5	6	6	24	83	3	1	1
23	3	3	3	3	6	5	5	23	143	2	1	1
24	3	3	3	3	6	5	5	21	156	1	1	1
25	3	3	3	3	6	5	5	15	107	1	1	1
26	3	3	3	4	6	6	8	10	216	1	3	2
27	3	3	3	4	5	5	5	7	114	2	2	1
28	3	3	3	4	5	3	3	42	6	3	1	1
29	3	3	3	4	5	3	3	101	6	3	1	1
30	3	3	3	3	5	3	3	42	6	3	1	1
31	3	4	3	5	5	3	3	31	9	3	1	2
Mean	8	3	3	3	5	5	11	34	57	10	4	1
Max.	106	4	4	5	6	8	101	34	236	81	38	3
Min.	2	2	3	3	4	3	3	3	2	1	0	0
A.F.	497	178	212	203	286	284	678	662	3400	642	215	78

Total acre-feet 7340

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF ARIKAREE RIVER AT HAIGLER
Sec. 28-1-41 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	28	17	14	56	25	50	54	56	0	0	0
2	14	20	17	16	54	20	48	43	45	0	0	0
3	17	22	19	13	58	11	48	27	37	0	0	0
4	17	37	17	11	48	10	46	23	29	0	0	0
5	24	34	17	12	43	15	42	28	32	0	0	0
6	27	29	16	12	27	20	38	28	34	0	0	0
7	24	27	15	12	29	26	34	26	26	0	0	0
8	26	28	16	14	40	28	38	168	18	0	0	0
9	28	28	14	14	37	32	35	29	12	0	0	0
10	29	28	14	14	35	29	45	28	8	0	0	0
11	29	28	15	16	32	29	46	26	6	0	0	0
12	25	28	19	16	31	32	41	25	4	0	0	0
13	27	28	18	18	35	30	40	23	2	0	0	0
14	35	24	8	18	35	30	34	20	1	4	0	6
15	20	25	4	19	31	31	31	23	1	2	0	3
16	28	22	4	20	34	35	50	52	0	1	0	5
17	23	10	5	19	34	29	40	52	0	1	0	3
18	23	10	6	19	34	29	40	52	0	1	0	3
19	24	18	6	22	31	26	34	41	0	0	0	1
20	24	25	4	26	19	25	28	45	0	0	0	1
21	24	26	4	29	20	15	64	45	0	0	0	5
22	29	19	4	21	23	15	68	40	0	0	0	6
23	31	19	5	22	20	18	54	38	0	0	0	11
24	28	17	7	26	17	30	43	38	0	0	0	6
25	26	16	8	28	11	103	35	35	0	0	0	3
26	26	19	10	30	15	95	32	32	0	0	0	4
27	35	18	12	43	38	85	28	27	0	0	0	6
28	34	17	12	46	50	70	25	25	0	0	0	5
29	34	17	11	45	26	70	22	26	0	0	0	7
30	35	17	14	49	.....	64	29	26	1	0	0	10
31	34	14	14	58	.....	56	.....	167	.....	0	0	.....
Mean	26	23	11	23	33	37	40	42	10	0	0	3
Max.	35	37	19	58	58	103	68	168	56	4	0	11
Min.	11	10	4	11	11	10	22	20	0	0	0	0
A.F.	1620	1360	699	1430	1900	2260	2400	2560	623	24	0	181

Total acre-feet 15060

DISCHARGE IN SECOND-FEET OF BAYARD SUGAR FACTORY DRAIN
NEAR BAYARD
Sec. 5-20-52 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	55	46	34	30	24	25	26	22	34	17	32	53
2	51	45	36	30	25	24	26	10	35	16	34	54
3	49	45	36	29	24	25	28	12	39	10	34	55
4	48	45	38	29	24	24	26	10	48	5	33	52
5	50	43	36	28	24	25	26	2	32	5	38	54
6	59	41	36	28	24	25	25	2	28	8	38	52
7	50	39	32	28	24	25	24	2	26	9	37	47
8	46	38	31	28	24	25	24	4	28	8	34	45
9	44	38	30	27	24	25	23	11	24	8	37	44
10	41	36	29	27	24	25	22	13	24	10	36	42
11	42	36	29	26	25	24	22	10	24	10	35	42
12	41	36	29	28	26	24	22	7	22	10	35	41
13	42	36	30	28	28	24	22	3	20	13	37	45
14	42	35	30	28	28	24	22	2	20	27	37	42
15	42	34	29	28	28	26	22	4	20	44	38	40
16	42	34	28	28	27	25	24	20	24	27	35	36
17	41	33	28	28	27	26	22	14	24	17	34	35
18	42	34	27	28	26	27	21	17	20	17	38	40
19	42	35	26	29	25	30	20	17	26	22	34	41
20	44	35	25	29	24	30	21	12	39	24	34	42
21	45	35	25	28	24	26	22	14	44	26	32	46
22	48	36	25	26	24	25	22	8	35	22	32	47
23	47	36	25	24	24	24	22	10	23	17	34	50
24	49	35	27	26	20	27	22	12	17	17	34	50
25	48	35	28	26	25	26	22	12	28	18	38	57
26	48	33	29	28	27	26	22	11	29	20	40	61
27	49	32	29	26	26	26	22	14	24	24	40	52
28	49	32	30	26	26	27	21	16	18	25	41	50
29	47	32	30	26	24	26	21	20	18	31	43	52
30	47	32	31	26	.....	26	24	28	15	32	42	48
31	47	30	25	.....	.....	26	.....	32	.....	32	.....	.....
Mean	46	37	30	28	25	26	23	12	27	18	36	47
Max.	59	46	38	30	28	30	30	33	48	44	44	61
Min.	41	32	25	24	20	24	20	2	15	5	32	35
A.F.	2850	2190	1840	1650	1440	1570	1380	738	1610	1130	2240	2810

Total acre-feet 21470

DISCHARGE IN SECOND-FEET OF BAZILLE CREEK NEAR NIOBRARA
Sec. 18-32-5 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									88	58	35	45
2									88	50	28	38
3									92	41	54	36
4									80	44	35	34
5									82	39	62	32
6									70	50	41	28
7								143	78	47	41	28
8								342	115	36	42	26
9								161	58	39	42	24
10								112	70	38	45	26
11								115	62	34	42	24
12								112	60	32	35	28
13								112	54	60	35	28
14								102	52	45	35	52
15								102	54	39	36	39
16								119	54	31	36	42
17								112	52	34	34	34
18								112	45	34	31	32
19								109	45	31	82	32
20								98	52	31	56	35
21								95	48	31	45	34
22								157	62	26	44	36
23								1180	52	29	36	34
24								532	50	27	31	34
25								263	45	26	131	32
26								194	42	26	68	34
27								1420	88	27	50	32
28								528	90	28	80	34
29								138	80	29	80	35
30								90	112	28	66	35
31								72		38	60	
Mean								260	67	38	50	33
Max.								1420	115	60	131	52
Min.								72	42	28	28	24
A.F.								12900	4010	2240	3050	1990

DISCHARGE IN SECOND-FEET OF BEAR CREEK NEAR ELI
Sec. 25-34-36 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	11	12	4	15	24	112	19	15	9	3	3
2	7	6	13	4	15	23	98	19	14	7	3	3
3	7	10	15	5	15	22	80	19	14	6	4	3
4	8	10	15	5	14	24	74	18	13	5	5	3
5	8	9	16	6	14	28	62	17	13	4	4	4
6	8	10	14	6	13	25	56	16	11	4	4	4
7	8	14	9	7	13	24	59	15	9	4	4	4
8	8	13	2	7	14	24	51	15	8	4	3	3
9	7	11	2	6	18	24	46	15	7	4	3	2
10	8	12	4	6	22	28	44	19	6	3	4	2
11	8	12	7	6	24	32	40	23	4	3	4	2
12	8	12	8	8	28	20	35	22	4	2	4	2
13	9	13	8	10	32	8	34	23	3	3	4	2
14	8	13	7	11	30	1	32	23	3	4	4	3
15	8	14	3	11	29	3	30	25	3	4	4	3
16	8	14	6	11	26	12	30	27	3	3	4	4
17	8	13	10	10	27	13	30	28	3	3	5	3
18	8	12	12	10	27	14	32	33	2	2	6	3
19	8	12	8	9	25	32	32	39	2	2	5	3
20	8	12	5	8	23	57	31	37	2	2	5	3
21	8	11	7	6	22	60	28	35	3	2	4	3
22	8	10	8	4	23	28	25	34	3	1	4	2
23	8	10	9	6	23	15	23	30	3	1	4	2
24	8	11	9	7	23	19	22	28	7	1	3	2
25	8	11	9	9	24	30	21	27	7	1	4	2
26	8	8	8	10	25	58	19	28	8	1	4	2
27	8	8	9	10	11	27	44	18	8	1	3	2
28	9	11	11	11	27	58	17	21	10	2	4	2
29	10	11	12	12	25	66	17	19	10	2	4	2
30	10	12	11	14		77	18	17	10	2	4	2
31	10		8	15		95		15		3	4	4
Mean	8	11	9	8	22	32	41	24	7	3	4	3
Max.	10	14	16	15	32	95	112	39	15	9	6	4
Min.	7	6	2	4	13	1	17	15	2	1	3	2
A.F.	495	666	552	505	1280	1950	2410	1450	413	190	250	166

Total acre-feet 10330

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF BEAVER CREEK AT LORETTO
Sec. 26-21-7 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	67	87	42	135	85	204	90	128	58	39	45
2	60	64	88	45	142	75	175	84	104	50	39	45
3	58	63	93	59	140	55	156	79	90	50	77	45
4	64	62	94	54	144	48	141	76	79	50	80	45
5	68	62	93	53	134	63	130	70	82	50	80	45
6	67	70	93	49	126	62	124	68	74	50	80	45
7	66	70	93	50	127	69	119	71	64	55	80	45
8	64	72	87	51	131	74	112	75	55	55	100	45
9	61	72	76	50	132	91	107	82	51	50	80	37
10	60	73	69	49	135	101	104	87	50	50	70	37
11	59	75	60	56	146	120	102	79	48	50	70	37
12	58	76	56	58	150	130	106	73	46	50	70	38
13	58	76	62	60	156	235	126	68	44	50	70	37
14	60	78	74	67	175	155	146	66	42	50	69	41
15	63	76	77	86	167	149	147	62	41	40	65	42
16	60	74	80	98	155	151	131	74	40	40	62	42
17	58	68	80	98	156	183	120	103	40	42	61	42
18	58	69	77	105	150	285	146	87	39	42	60	41
19	59	70	70	110	153	207	204	79	39	42	70	41
20	60	70	65	140	145	214	185	73	55	41	103	42
21	62	70	60	115	115	170	174	73	47	41	97	44
22	66	72	56	95	110	130	257	88	46	41	72	44
23	68	64	54	80	105	94	335	266	44	40	66	43
24	68	65	53	70	100	108	333	408	42	40	66	43
25	66	67	51	60	90	115	260	502	41	39	60	42
26	64	68	50	63	85	120	189	529	44	39	60	42
27	66	70	50	65	95	139	145	332	70	39	60	42
28	70	76	53	65	100	168	118	265	55	39	60	42
29	70	79	54	65	95	208	100	266	56	39	60	41
30	68	90	55	65	-----	220	90	213	58	40	60	41
31	68	-----	57	94	-----	224	-----	157	-----	40	60	-----
Mean	63	71	70	72	131	137	160	150	57	45	69	42
Max.	70	90	94	140	175	285	335	529	128	58	103	45
Min.	58	62	50	42	85	48	90	62	39	39	39	37
A.F.	3890	4220	4300	4400	7530	8430	9490	9210	3400	2780	4260	2490

Total acre-feet 64400

DISCHARGE IN SECOND-FEET OF BEAVER CREEK AT GENOA
Sec. 14-17-4 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	111	119	117	65	155	166	277	160	226	95	59	86
2	113	117	120	70	165	172	257	149	184	95	58	83
3	108	117	123	75	163	168	230	146	161	95	58	80
4	122	115	124	70	165	160	201	138	150	95	58	79
5	127	112	126	67	155	205	174	135	133	95	59	78
6	115	110	131	62	148	205	161	124	128	95	63	77
7	115	108	129	64	148	210	155	123	132	95	209	77
8	112	119	128	64	151	200	154	122	126	95	229	77
9	113	117	125	64	146	190	148	122	111	95	105	76
10	115	114	100	62	157	172	142	132	109	95	102	76
11	113	115	75	72	169	242	135	135	100	95	88	80
12	113	118	60	74	198	245	142	132	101	95	90	80
13	112	120	66	76	200	376	145	122	99	95	94	80
14	114	118	105	84	199	380	152	123	96	95	85	80
15	115	118	115	100	209	226	164	114	83	213	84	80
16	115	117	122	110	218	197	193	115	80	126	94	78
17	113	117	123	110	207	197	186	129	77	91	123	76
18	111	123	120	115	201	207	168	132	73	82	459	79
19	109	113	110	119	205	336	164	146	73	78	164	80
20	108	105	101	137	209	288	230	136	77	74	162	80
21	111	108	89	151	172	308	302	127	80	73	149	80
22	109	117	86	140	201	228	283	156	80	70	190	80
23	115	111	83	115	164	152	306	223	85	69	138	78
24	115	117	81	100	180	158	364	226	87	59	105	87
25	113	100	80	90	149	152	386	350	80	66	490	73
26	122	111	79	95	176	190	356	421	77	64	167	75
27	118	105	78	98	154	196	288	506	83	62	112	73
28	117	111	78	100	156	217	232	427	348	60	112	74
29	117	108	78	100	164	226	190	296	131	60	143	74
30	122	117	83	100	-----	273	173	275	102	59	128	74
31	117	-----	84	140	-----	314	-----	271	-----	59	92	-----
Mean	115	114	101	93	175	224	215	191	116	87	138	78
Max	108	100	131	151	218	360	386	506	348	213	490	87
Min.	127	123	60	62	146	152	135	114	73	59	58	73
A.F.	7040	6780	6190	5730	10080	13800	12810	11730	6890	5350	8470	4660

Total acre-feet 99530

BUREAU OF IRRIGATION

543

DISCHARGE IN SECOND-FEET OF BEAVER CREEK NEAR BEAVER CITY
 Sec. 23-2-23 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	73	43	34	26	34	32	52	348	46	17	8	3
2	72	42	34	26	34	30	62	119	44	16	7	18
3	69	42	33	26	34	24	66	92	48	16	7	10
4	68	41	33	26	34	22	62	60	43	16	6	7
5	65	41	32	26	34	22	59	47	41	17	7	5
6	65	40	31	26	32	22	56	54	41	15	11	4
7	64	40	31	26	32	24	54	47	41	15	12	3
8	63	41	30	26	32	28	52	47	39	15	7	2
9	62	41	28	26	32	28	52	43	37	14	6	2
10	60	41	28	28	32	30	50	42	35	13	6	1
11	60	42	30	28	34	30	49	41	33	13	7	1
12	58	42	32	28	34	30	49	40	31	13	6	1
13	58	42	32	28	34	30	47	39	30	34	13	1
14	56	43	26	30	36	34	47	68	29	305	9	1
15	54	42	24	30	34	37	46	72	28	30	6	1
16	54	41	24	30	34	37	47	526	26	40	7	1
17	52	38	24	30	34	36	46	185	25	51	6	1
18	52	38	24	30	34	35	45	82	25	32	6	1
19	51	40	24	30	34	38	45	68	24	20	5	1
20	51	42	26	30	34	37	47	58	24	16	4	1
21	50	40	26	28	32	39	62	56	24	13	4	1
22	49	38	26	26	28	30	50	66	23	16	4	1
23	48	36	28	24	28	22	51	49	22	15	4	1
24	47	36	28	22	28	24	49	48	20	13	4	1
25	47	36	26	24	28	24	48	47	20	12	4	1
26	47	34	26	26	28	26	47	108	21	11	4	1
27	47	34	26	28	30	32	47	114	25	10	3	1
28	46	35	26	31	32	38	47	68	21	9	4	0
29	45	35	28	30	32	41	47	54	15	10	4	0
30	45	35	28	30	32	47	94	51	16	10	4	0
31	44	39	28	32	32	52	90	49	30	9	3	2
Mean	56	39	28	28	32	32	52	52	30	27	13	18
Max.	73	43	34	32	36	52	94	526	48	305	13	18
Min.	44	34	24	22	28	22	39	15	9	3	3	0
A.F.	3420	2340	1740	1700	1860	1950	3120	5530	1780	1650	365	139

Total acre-feet 25590

DISCHARGE IN SECOND-FEET OF BIRDWOOD CREEK NEAR HERSHEY
 Sec. 2-14-33 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	147	158	164	150	176	206	196	188	149	97	143	114
2	147	160	160	174	171	181	178	189	158	95	169	114
3	143	164	158	158	164	169	174	158	154	93	160	111
4	149	158	156	170	169	166	166	149	149	93	149	109
5	145	160	154	164	183	168	149	171	149	96	169	109
6	151	166	169	158	183	174	154	151	141	96	141	108
7	141	169	158	164	186	186	158	171	125	96	130	129
8	145	169	156	171	162	188	151	166	125	96	127	113
9	156	169	145	162	166	209	139	166	124	97	118	105
10	149	169	151	155	166	201	154	162	127	96	125	103
11	154	166	158	175	171	191	164	156	129	95	174	103
12	147	171	158	179	176	180	169	158	119	108	149	103
13	156	169	164	178	176	170	166	158	112	109	139	103
14	162	169	150	193	174	160	171	174	110	124	143	103
15	154	166	140	183	169	162	186	162	108	109	139	102
16	147	164	140	176	162	176	201	206	102	106	130	103
17	143	160	150	174	178	188	178	156	96	102	129	109
18	147	171	140	176	188	178	188	160	95	103	129	108
19	145	164	139	193	181	181	186	164	100	104	127	105
20	151	166	139	164	162	188	181	171	108	100	111	103
21	145	166	150	158	160	169	211	166	106	100	106	103
22	147	169	160	140	166	140	164	164	104	99	127	102
23	160	166	160	140	183	150	169	154	105	103	125	141
24	156	171	150	150	175	150	178	151	113	105	111	164
25	154	164	150	160	170	154	174	149	103	97	111	162
26	149	169	140	170	180	158	169	169	100	99	110	156
27	158	160	150	170	201	164	160	151	100	103	109	149
28	169	164	160	180	222	171	154	143	103	106	113	139
29	166	164	180	188	206	191	154	147	98	110	118	138
30	164	160	190	178	.....	198	160	147	97	108	120	149
31	158	.....	190	178	.....	198	.....	147	.....	108	120	.....
Mean	152	166	156	169	177	176	170	162	117	102	131	119
Max.	169	171	190	193	222	209	211	206	158	124	174	164
Min.	141	158	139	140	160	140	139	143	95	93	106	102
A.F.	9330	9850	9580	10370	10170	10840	10120	9960	6960	6250	8070	7060

Total acre-feet 108560

DISCHARGE IN SECOND-FEET OF BLACKWOOD CREEK NEAR CULBERTSON
Sec. 10-3-31 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	8	1	1	1	1	1	1	1	4	2	2
2	1	4	1	1	1	0	1	1	2	12	1	1
3	1	0	1	0	1	0	1	1	1	0	0	2
4	1	0	1	0	1	1	1	1	16	4	0	1
5	1	0	1	0	1	0	1	1	13	10	1	0
6	1	1	1	0	1	1	1	1	5	4	1	0
7	1	1	0	0	1	1	0	1	2	4	0	0
8	3	1	0	0	1	1	0	1	1	10	0	0
9	14	1	0	0	1	1	1	1	4	8	0	0
10	8	1	0	1	1	1	1	1	0	3	0	0
11	5	2	1	1	1	2	1	1	0	1	0	1
12	7	2	1	1	1	6	1	1	0	1	1	1
13	10	2	1	1	1	3	1	1	0	1	8	0
14	21	2	1	1	1	1	1	1	0	27	0	0
15	19	2	1	1	1	2	0	0	1	4	0	1
16	15	2	1	1	1	1	2	4	0	4	0	0
17	1	2	1	1	1	4	1	2	0	2	0	0
18	1	2	1	1	1	28	1	1	0	3	0	0
19	1	3	1	1	1	4	1	1	0	1	0	1
20	1	2	0	1	0	0	1	1	0	1	0	0
21	8	2	0	1	1	0	2	0	0	0	0	1
22	9	1	0	1	1	0	1	0	0	0	0	1
23	4	2	0	1	1	0	1	0	0	0	6	0
24	2	1	1	0	1	1	0	2	2	0	2	0
25	4	1	1	1	1	1	0	0	3	0	0	0
26	2	1	1	1	1	3	0	0	1	0	0	0
27	1	1	1	1	1	3	0	3	0	3	0	0
28	3	1	1	1	1	3	0	5	0	0	37	0
29	4	1	1	1	1	2	0	5	0	1	37	0
30	6	1	1	1	1	1	1	1	0	1	12	1
31	5	2	1	1	1	2	1	1	2	4	3	1
Mean	21	8	1	1	1	28	2	5	16	27	37	2
Max.	1	0	0	0	0	0	0	0	0	0	0	0
A.F.	322	100	41	51	52	143	45	63	117	226	177	34

Total acre-feet 1370

DISCHARGE IN SECOND-FEET OF BLUE CREEK NEAR LEWELLEN
Sec. 30-16-42 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	96	96	70	109	97	102	100	82	5	0	2
2	47	96	96	85	108	94	100	96	80	5	1	13
3	44	104	95	95	106	92	100	96	78	5	1	12
4	38	104	93	90	102	92	100	93	74	7	1	10
5	46	103	95	90	102	91	100	93	70	8	0	10
6	76	103	98	86	97	96	100	89	69	8	0	12
7	79	98	91	89	100	102	100	107	67	9	0	13
8	75	102	91	94	100	98	100	92	49	5	0	9
9	78	101	80	90	100	104	92	89	34	1	0	5
10	78	100	90	88	102	100	93	89	23	1	0	5
11	79	100	90	90	102	98	93	87	12	1	0	6
12	80	100	100	90	104	84	98	88	4	1	0	7
13	78	100	105	97	105	71	101	87	0	5	0	16
14	78	100	70	101	103	138	104	94	0	12	0	20
15	82	100	70	120	101	106	105	103	1	10	0	20
16	82	100	70	140	100	109	115	166	0	10	1	19
17	83	100	70	144	101	105	112	152	1	3	1	19
18	84	100	70	132	101	105	110	110	1	2	0	20
19	85	100	70	133	96	114	108	108	1	1	0	22
20	87	100	40	131	93	115	112	104	1	1	0	23
21	87	100	45	115	98	102	122	106	1	2	0	21
22	85	100	75	35	96	80	120	129	1	3	0	17
23	85	100	75	50	95	100	108	101	1	3	0	16
24	88	97	75	80	92	112	106	97	1	1	1	15
25	92	94	75	100	80	110	98	92	2	1	1	12
26	89	95	100	100	105	108	100	91	19	1	1	12
27	92	95	100	100	106	109	97	89	18	1	1	12
28	93	95	103	100	107	112	97	87	32	1	1	13
29	93	96	109	100	102	109	89	86	24	1	1	14
30	95	96	109	105	.....	107	93	86	5	1	3	13
31	96	.....	102	108	.....	107	.....	84	.....	1	2	.....
Mean	78	99	85	98	100	102	102	100	25	4	1	14
Max.	96	.....	109	144	109	138	122	166	82	12	3	23
Min.	38	94	40	35	80	71	89	84	0	1	0	2
A.F.	4820	5900	5250	6050	5780	6280	6100	6130	1490	224	41	808

Total acre-feet 48870

BUREAU OF IRRIGATION

545

DISCHARGE IN SECOND-FEET OF BLUE RIVER, BIG, AT BARNSTON
Sec. 13-1-7 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	461	405	358	282	361	394	2590	912	727	12200	400	846
2	416	380	342	272	386	358	2320	839	626	8300	302	954
3	400	370	358	251	380	412	1780	780	578	4100	416	758
4	482	388	348	284	373	335	1380	741	599	1480	382	580
5	641	392	340	282	394	320	1120	678	530	922	348	514
6	958	385	345	272	366	322	923	642	425	906	325	480
7	818	375	350	294	358	314	832	618	485	808	608	422
8	678	365	338	272	388	386	741	576	500	693	3540	434
9	685	362	308	286	386	348	1620	565	473	574	2670	332
10	654	318	325	282	376	478	3680	552	358	598	2000	376
11	593	395	315	282	334	658	2920	555	327	572	2340	260
12	569	482	305	266	305	1420	3510	560	372	566	941	235
13	528	425	318	266	442	4560	7460	526	386	1950	772	208
14	476	422	308	372	426	2250	4120	497	330	5090	974	252
15	500	348	310	602	440	2440	2820	493	229	9730	638	252
16	455	358	290	884	475	2310	2120	476	265	7070	491	238
17	410	358	290	842	426	2630	1720	586	330	4500	543	201
18	410	338	290	710	422	4040	2860	635	344	6070	640	216
19	400	338	290	755	449	8760	2740	702	324	7290	416	266
20	390	345	290	720	428	3930	1600	638	344	6040	394	232
21	380	358	280	682	378	2400	2560	1240	380	3020	2860	193
22	380	360	280	612	358	1800	4330	5030	536	2060	2080	245
23	378	372	280	510	354	1250	3150	3030	440	1630	909	216
24	358	360	280	362	424	990	3170	1510	527	1440	590	234
25	358	330	280	416	369	867	3190	1500	400	1150	838	196
26	348	308	280	397	362	1150	2830	1280	399	878	1220	271
27	382	298	280	399	336	2840	2260	1090	5410	629	470	216
28	378	330	280	436	341	3660	1780	892	7870	578	388	274
29	437	348	280	328	344	3260	1310	870	14300	629	3040	302
30	458	360	262	386	-----	2920	1030	895	15800	590	2080	205
31	372	-----	270	360	-----	2770	-----	797	-----	434	1100	-----
Mean	489	366	305	430	386	1954	2482	990	1820	2984	1120	347
Max.	958	482	358	884	475	8760	7460	5030	15800	12200	3540	954
Min.	348	298	262	251	305	314	741	476	229	434	302	193
A.F.	30060	21760	18780	26470	22180	120200	147700	60900	108300	163500	68850	20640

Total acre-feet 829340

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, AT ANGUS
Sec. 35-4-6 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	90	96	91	66	93	95	155	108	96	180	83	67
2	88	97	91	70	91	98	134	107	92	122	83	65
3	92	97	90	74	91	95	121	106	92	99	82	65
4	134	97	90	72	91	80	115	104	90	93	82	63
5	134	97	90	72	91	80	109	102	90	95	81	62
6	113	97	90	73	91	80	106	101	87	89	80	60
7	128	97	90	75	91	90	104	100	84	167	79	60
8	111	97	90	80	91	90	104	100	82	109	77	59
9	103	97	90	88	91	95	122	99	80	90	76	60
10	97	97	89	90	90	103	120	98	81	80	75	60
11	94	97	88	94	90	100	118	97	80	77	72	60
12	92	97	90	95	92	104	152	95	80	74	71	59
13	90	96	90	96	93	128	130	94	79	76	70	80
14	90	96	82	97	100	130	120	92	79	2460	68	62
15	89	93	64	98	99	116	112	94	79	4960	68	60
16	89	91	68	91	98	116	108	101	76	1660	68	61
17	89	91	73	89	97	119	110	101	74	592	69	61
18	89	90	68	88	97	141	110	106	76	317	69	62
19	88	90	75	90	97	133	109	100	74	217	68	62
20	88	90	76	90	97	126	108	95	75	416	68	62
21	88	92	70	92	100	120	284	101	114	234	68	63
22	88	92	82	80	95	110	284	502	95	165	65	63
23	88	92	79	75	93	80	243	266	84	140	65	64
24	88	91	76	75	93	90	178	148	74	127	65	63
25	88	96	76	80	93	100	137	130	71	120	65	63
26	91	94	78	80	91	115	121	113	116	110	65	64
27	95	94	79	80	93	121	118	119	2140	105	64	64
28	96	92	82	80	93	125	114	106	449	80	63	63
29	96	92	82	80	97	196	110	116	284	102	67	61
30	96	91	86	80	-----	308	108	112	599	97	75	62
31	96	-----	82	90	-----	206	106	-----	-----	96	68	-----
Mean	97	94	82	83	94	119	135	123	189	430	72	62
Max.	134	97	91	98	100	308	284	502	2140	4960	63	67
Min.	88	90	64	66	90	80	104	92	71	74	63	59
A.F.	5950	5610	5040	5120	5390	7320	8060	7570	11250	26460	4400	3690

Total acre-feet 95860

DISCHARGE IN SECOND-FEET OF BLUE RIVER, LITTLE, NEAR ENDICOTT
Sec. 6-1-3 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	258	215	204	158	232	190	858	329	250	1210	244	221
2	254	208	206	155	234	199	593	315	246	957	236	199
3	284	210	206	167	228	190	478	306	236	599	222	183
4	324	206	203	174	213	108	410	292	222	464	208	170
5	394	204	204	175	210	159	371	286	222	374	199	163
6	428	212	203	173	203	177	346	275	219	320	188	156
7	450	212	201	172	201	190	327	279	210	295	183	158
8	381	212	195	184	203	213	322	270	206	286	776	148
9	344	212	192	177	201	217	875	266	203	334	344	144
10	297	212	190	180	199	232	972	264	199	284	242	141
11	270	212	192	186	195	215	938	256	192	246	244	141
12	254	212	199	189	199	270	1250	250	185	240	199	140
13	240	212	199	219	215	447	1530	252	183	234	188	138
14	234	210	120	238	212	376	1050	250	179	1280	181	140
15	240	208	150	402	204	346	700	244	170	6870	168	138
16	232	208	158	374	203	334	553	248	163	3670	168	136
17	232	204	185	310	199	366	599	270	158	3440	176	135
18	230	199	148	275	195	781	571	258	208	1440	168	132
19	221	206	153	264	195	1340	488	250	204	938	158	130
20	228	213	150	258	195	928	495	281	181	692	154	133
21	228	199	144	244	181	622	658	475	407	628	238	135
22	230	201	153	215	188	415	757	574	206	606	266	136
23	230	195	160	204	190	332	1300	800	219	467	194	136
24	230	199	166	195	192	306	1300	782	212	402	170	136
25	226	206	167	194	183	348	826	447	183	351	167	138
26	226	217	168	195	188	428	615	358	183	317	161	136
27	226	210	156	199	190	538	467	315	6830	295	156	135
28	224	213	176	203	185	934	387	322	13500	266	152	135
29	221	206	179	204	194	1120	358	281	3380	332	179	138
30	221	208	177	208	-----	1150	336	262	1220	327	226	133
31	217	-----	172	212	-----	1110	-----	254	-----	284	222	-----
Mean	266	208	176	216	201	470	688	333	1013	918	219	147
Max.	450	217	206	402	234	1340	1530	800	13500	6870	776	221
Min.	217	195	120	155	181	108	322	244	158	234	152	130
A.F.	16370	12380	10820	13300	11560	28920	40930	20450	60250	56430	13440	8740

Total acre-feet 293590

DISCHARGE IN SECOND-FEET OF BRUSHY CREEK NEAR MAYWOOD
Sec. 28-8-29 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	1	1	1	1	1	1	0	6	0
2	0	1	1	1	2	1	1	1	1	0	0	0
3	0	1	1	1	1	1	1	1	1	0	0	0
4	1	1	1	1	1	0	1	1	1	0	0	0
5	1	1	1	1	1	0	1	1	1	0	3	0
6	1	1	1	1	1	0	1	1	1	0	0	0
7	1	1	1	1	1	0	1	1	1	0	0	0
8	1	1	1	1	1	1	1	1	1	0	0	0
9	1	1	0	1	1	18	1	1	1	0	0	0
10	1	1	0	1	1	37	1	1	1	0	0	0
11	1	1	0	1	1	3	1	1	1	0	0	0
12	1	1	0	1	1	1	1	1	1	0	0	0
13	1	1	0	1	1	1	1	1	1	0	3	0
14	1	1	1	1	1	0	1	1	1	0	0	0
15	1	1	1	1	1	0	1	1	1	0	1	0
16	1	1	1	1	1	1	12	1	1	0	0	0
17	1	1	1	1	1	47	1	1	1	0	1	0
18	1	1	1	1	1	9	1	1	1	0	1	0
19	1	1	1	1	1	2	1	1	1	0	1	0
20	1	1	1	1	1	1	1	1	1	0	1	0
21	1	1	0	0	1	1	1	1	1	0	0	0
22	1	1	0	0	1	1	1	1	1	0	0	0
23	1	1	0	0	1	4	1	1	1	0	0	0
24	1	1	0	0	1	2	1	1	1	0	0	0
25	1	1	0	0	1	1	0	1	1	0	0	0
26	1	1	0	0	3	2	0	1	1	0	0	0
27	1	1	1	1	18	1	0	1	1	0	0	1
28	1	1	1	1	4	1	1	0	1	0	0	0
29	1	1	1	1	2	1	1	1	1	0	0	0
30	1	1	1	1	1	1	1	1	1	0	1	0
31	1	1	1	1	1	1	1	1	1	60	0	0
Mean	1	1	1	1	2	5	1	1	0	4	1	0
Max.	1	1	1	1	18	47	1	1	1	60	6	1
Min.	0	1	0	0	1	0	0	0	0	0	0	0
A.F.	53	52	41	45	103	300	50	51	26	258	37	18

Total acre-feet 1030

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR HAIGLER
 Sec. 20-1-40 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	11	13	10	12	14	15	12	10	2	0	2
2	9	10	11	11	13	14	14	13	10	2	0	2
3	9	10	10	10	14	13	12	10	10	2	4	2
4	10	11	10	11	11	10	13	10	11	2	1	2
5	13	14	11	11	13	12	13	12	8	2	1	2
6	15	11	13	12	12	14	11	11	9	2	1	2
7	12	11	12	13	12	14	12	10	11	2	1	2
8	11	13	11	11	13	14	12	11	9	2	0	2
9	11	10	10	10	15	15	12	12	8	2	0	2
10	12	10	11	10	12	13	14	10	8	2	0	2
11	12	11	13	11	13	13	13	10	10	2	3	2
12	11	11	12	10	15	13	11	10	8	2	5	2
13	12	11	12	11	13	14	11	10	8	4	3	2
14	15	11	8	11	14	17	11	9	6	4	2	2
15	14	10	9	10	14	17	11	8	5	2	1	2
16	10	10	10	10	13	16	16	14	5	1	0	2
17	11	8	11	10	13	16	14	16	3	1	0	2
18	10	9	12	10	12	15	12	13	3	1	0	2
19	10	11	10	14	11	14	12	12	3	0	0	2
20	11	12	7	13	12	13	10	10	3	0	0	2
21	11	12	8	10	11	8	15	11	3	0	1	3
22	11	12	10	8	11	8	14	9	0	0	1	5
23	11	12	10	8	10	10	12	9	2	0	1	5
24	11	11	10	10	10	12	11	13	2	0	1	5
25	10	12	10	12	10	18	14	10	0	0	1	6
26	10	11	10	13	11	20	12	10	0	0	1	6
27	12	11	11	12	13	18	10	10	0	0	1	6
28	12	12	12	12	16	22	11	11	2	0	2	6
29	11	12	13	11	14	19	10	12	2	0	2	6
30	10	13	12	14	-----	14	9	11	0	0	2	6
31	10	9	13	-----	-----	13	-----	10	0	0	2	-----
Mean	11	11	11	11	12	14	12	11	6	1	1	3
Max.	15	14	13	14	16	22	16	16	11	4	5	6
Min.	9	8	7	8	10	8	9	8	2	0	0	2
A.F.	688	657	656	677	720	877	727	671	337	79	74	185

Total acre-feet 6350

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR DARR
 Sec. 28-11-22 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	0	0	0	0	0	0	0	6	20	13	5
2	12	0	0	0	0	0	0	0	6	11	14	11
3	22	0	0	0	0	0	0	0	1	5	9	11
4	14	0	0	0	0	0	0	0	9	4	7	7
5	3	0	0	0	0	0	0	0	8	4	7	7
6	1	0	0	0	0	0	0	0	8	6	10	15
7	1	0	0	0	0	0	0	0	3	8	12	16
8	0	0	0	0	0	0	0	0	7	5	14	21
9	0	0	0	0	0	0	0	0	13	6	7	14
10	0	0	0	0	0	0	0	0	10	6	11	3
11	0	0	0	0	0	0	0	0	4	4	53	1
12	0	0	0	0	0	0	0	0	3	6	31	0
13	1	0	0	0	0	2	0	0	11	4	39	16
14	2	0	0	0	0	7	0	0	11	13	46	21
15	1	0	0	0	0	8	0	0	9	10	39	20
16	0	0	0	0	0	30	0	0	15	12	28	17
17	0	0	0	0	0	16	0	0	2	6	26	17
18	0	0	0	0	0	2	0	0	8	5	26	19
19	0	0	0	0	0	1	0	0	16	6	20	24
20	0	0	0	0	0	0	0	0	18	12	19	24
21	0	0	0	0	0	0	0	0	21	13	12	20
22	0	0	0	0	0	0	0	0	20	9	16	15
23	0	0	0	0	0	0	0	0	16	4	28	11
24	0	0	0	0	0	0	0	0	14	4	29	4
25	0	0	0	0	0	0	0	0	6	7	30	2
26	0	0	0	0	0	0	0	0	10	8	22	1
27	0	0	0	0	0	0	0	0	8	5	18	0
28	0	0	0	0	0	0	0	0	17	6	10	0
29	0	0	0	0	0	0	0	0	14	9	12	0
30	0	0	0	0	0	0	0	18	-----	10	6	-----
Mean	2	0	0	0	0	2	0	1	10	8	20	11
Max.	22	0	0	0	0	30	0	18	21	20	53	24
Min.	0	0	0	0	0	0	0	0	1	4	4	0
A.F.	128	0	0	0	0	133	0	64	628	476	1220	664

Total acre-feet 3310

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR OVERTON
Sec. 20-9-19 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2	13	5	6	4	6	6	19	7	40	63	15	69
3	15	5	6	4	7	6	12	7	58	56	10	78
4	12	5	6	3	6	6	15	7	77	54	9	87
5	8	5	6	4	5	5	12	7	71	34	24	106
6	8	5	5	4	8	5	9	7	62	17	26	110
7	15	5	5	4	6	5	8	6	36	18	22	91
8	12	5	5	4	6	6	9	7	34	18	19	81
9	9	5	5	4	6	6	8	7	33	29	18	92
10	7	5	4	4	6	7	8	6	34	40	26	94
11	6	5	5	4	6	8	8	6	30	36	36	84
12	7	5	4	4	6	7	8	6	36	17	99	62
13	10	5	5	4	6	11	8	6	34	8	136	69
14	10	6	5	4	7	13	8	6	36	8	178	70
15	9	6	4	5	6	26	8	6	34	29	142	60
16	10	6	4	5	5	22	8	6	39	37	104	53
17	7	6	4	4	6	20	8	10	39	35	128	60
18	6	5	4	4	6	16	7	6	34	40	103	72
19	5	5	4	4	6	32	8	6	17	65	91	74
20	5	5	4	4	5	27	8	5	14	56	102	76
21	5	5	4	4	4	16	8	6	23	71	104	67
22	5	5	4	4	4	9	9	7	48	86	80	80
23	5	5	4	3	4	14	9	10	48	91	59	92
24	4	5	4	2	4	12	9	8	70	104	46	57
25	4	6	4	2	4	11	8	6	72	72	36	64
26	4	6	4	3	5	15	8	5	77	45	36	70
27	4	6	4	3	6	19	7	6	74	30	55	29
28	4	6	4	3	6	45	7	6	56	19	70	9
29	4	6	4	3	6	32	7	7	52	22	90	4
30	4	6	4	3	6	14	7	6	48	18	59	4
31	5	5	4	6	--	30	7	30	55	12	63	6
Mean	7	5	4	4	6	28	9	48	22	67	66	66
Max.	15	6	6	6	7	45	19	48	77	104	178	110
Min.	4	5	4	2	4	5	7	5	14	8	9	4
A.F.	452	316	277	234	321	942	530	538	2740	2480	4070	3910

Total acre-feet 16810

DISCHARGE IN SECOND-FEET OF
BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1					
2	10	52	47	17	62
3	10	36	56	9	68
4	8	56	44	6	76
5	8	81	54	5	90
6	9	76	27	20	108
7	9	60	15	21	100
8	10	35	23	14	89
9	10	33	16	6	85
10	11	36	36	6	91
11	8	35	45	25	97
12	8	30	30	35	85
13	9	37	14	115	60
14	8	34	8	127	73
15	8	37	17	154	68
16	9	32	41	129	60
17	10	39	38	102	55
18	54	38	29	121	63
19	24	34	38	91	73
20	14	20	58	88	77
21	9	18	51	98	75
22	11	21	76	99	70
23	32	42	74	74	87
24	42	50	82	54	91
25	24	66	92	41	52
26	14	63	54	31	70
27	11	70	27	36	63
28	34	68	14	53	25
29	16	50	11	70	10
30	13	46	8	79	3
31	12	46	8	54	1
Mean	34	--	2	61	68
Max.	16	45	37	59	106
Min.	54	81	92	154	5
A.F.	8	18	2	5	1
	970	2660	2260	3650	4020

BUREAU OF IRRIGATION

549

DISCHARGE IN SECOND-FEET OF CALAMUS RIVER NEAR BURWELL
Sec. 8-21-16 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	365	373	365	243	455	375	442	373	350	286	279	302
2	362	350	365	316	400	375	433	376	329	289	279	295
3	358	340	373	330	396	375	429	362	315	289	318	295
4	400	340	362	349	408	375	420	350	305	295	305	286
5	400	340	362	341	420	386	396	332	292	295	292	276
6	380	340	376	326	433	370	380	329	289	295	279	276
7	369	350	384	328	420	354	373	340	289	292	302	276
8	347	350	392	346	412	365	369	336	289	282	305	273
9	336	358	373	349	408	380	365	336	282	273	292	267
10	332	350	365	326	412	400	365	329	286	267	292	264
11	329	365	358	354	429	404	369	326	289	264	305	261
12	332	392	347	360	450	424	376	326	302	264	315	264
13	340	380	354	364	472	420	396	326	302	295	318	264
14	358	384	312	406	472	450	408	318	286	318	312	289
15	358	388	303	477	450	450	408	322	295	315	302	286
16	358	380	341	483	437	450	420	384	292	308	292	286
17	358	345	355	486	435	450	424	408	295	295	282	276
18	369	330	337	486	420	450	408	433	295	282	276	279
19	380	336	321	437	367	463	396	499	295	289	279	286
20	376	340	263	388	286	481	404	490	322	286	295	289
21	376	340	265	365	257	463	412	446	322	286	312	289
22	388	347	297	338	275	365	404	454	302	286	289	298
23	380	330	308	307	272	282	396	433	315	289	302	298
24	376	330	315	385	323	382	408	424	305	289	305	295
25	369	347	327	399	365	392	404	429	305	289	308	295
26	354	358	324	403	375	408	392	459	308	289	308	295
27	365	362	326	406	375	404	373	468	308	289	308	295
28	365	347	326	413	375	408	365	433	305	295	315	289
29	380	362	317	416	375	433	358	412	305	302	318	282
30	380	365	329	445	-----	437	365	388	308	295	315	279
31	376	-----	313	501	-----	433	-----	362	-----	289	308	-----
Mean	365	354	337	383	392	407	395	387	302	290	300	284
Max.	400	392	392	501	472	481	442	499	350	318	318	302
Min.	329	330	263	243	257	282	358	318	282	264	276	261
A.F.	22440	21060	20740	23550	22560	25000	23520	23810	17990	17810	18460	16870

Total acre-feet 253810

DISCHARGE IN SECOND-FEET OF
CEDAR CREEK NEAR BRAD-
WATER—Sec. 11-18-48 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	12	10	5	4	10
2	12	9	6	5	8
3	12	10	5	4	9
4	12	9	5	4	8
5	11	9	6	5	25
6	10	8	5	5	20
7	12	9	5	5	22
8	10	8	6	5	21
9	11	8	6	5	21
10	10	5	6	5	21
11	10	5	5	5	21
12	7	5	5	24	20
13	7	4	5	25	27
14	8	4	5	25	97
15	7	4	5	24	91
16	9	4	5	24	90
17	9	4	5	25	45
18	8	4	5	22	39
19	8	7	5	23	11
20	8	7	6	19	11
21	8	6	6	20	14
22	9	6	6	6	10
23	8	6	6	7	10
24	8	6	5	7	11
25	12	6	5	15	10
26	12	10	5	16	13
27	12	10	5	11	12
28	10	10	5	11	14
29	10	6	5	11	10
30	9	6	5	14	11
31	9	-----	4	12	-----
Mean	10	7	6	13	24
Max.	12	10	6	25	97
Min.	7	4	4	4	8
A.F.	600	410	320	780	1450

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CEDAR RIVER NEAR SPALDING
Sec. 5-20-10 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	192	180	186	110	190	231	449	183	173	139	109	120
2	191	184	188	125	177	213	398	182	134	138	109	112
3	174	171	186	146	179	236	319	160	168	136	113	119
4	187	166	199	145	191	198	293	181	137	126	136	116
5	170	164	182	147	194	222	261	216	148	130	117	118
6	196	170	208	131	261	169	256	165	142	131	117	113
7	242	171	208	146	278	186	191	175	125	153	130	115
8	256	177	186	145	278	190	194	194	120	156	152	114
9	228	174	184	143	308	167	204	202	133	149	151	112
10	232	168	184	130	319	125	174	182	126	145	136	110
11	218	185	166	139	332	236	184	174	122	134	126	105
12	224	182	202	136	348	223	196	164	134	132	130	114
13	187	189	196	140	393	252	215	162	121	126	124	108
14	213	184	148	159	465	249	206	154	126	168	121	112
15	186	184	135	154	522	261	195	152	120	166	128	115
16	186	171	144	182	519	268	192	170	119	150	118	114
17	183	164	150	190	465	266	214	220	110	140	118	120
18	183	154	123	187	410	268	268	167	120	130	122	114
19	166	171	120	190	401	296	172	198	112	129	122	114
20	220	169	118	240	370	334	197	187	133	124	138	111
21	189	163	121	198	348	330	283	205	160	125	128	122
22	230	156	121	230	351	340	266	260	144	117	136	116
23	202	160	125	164	316	360	226	303	138	122	114	120
24	200	160	132	140	254	329	259	261	138	115	122	116
25	168	166	132	207	231	337	256	252	134	111	120	118
26	216	171	127	180	213	276	226	261	126	115	120	114
27	230	162	129	177	216	266	210	326	152	110	122	111
28	214	168	142	166	203	264	216	356	157	115	102	116
29	202	172	146	174	207	264	167	311	146	110	164	112
30	178	168	151	157	-----	296	190	208	148	126	114	110
31	205	-----	162	178	-----	334	-----	132	-----	108	124	-----
Mean	203	171	158	163	308	258	236	208	136	131	125	114
Max.	256	189	208	240	522	360	449	356	173	168	164	122
Min.	168	154	118	110	177	125	167	132	110	108	102	105
A.F.	12470	10160	9720	10030	17730	15840	14040	12820	8060	8080	7700	6810

Total acre-feet 133460

DISCHARGE IN SECOND-FEET OF CEDAR RIVER NEAR FULLERTON
Sec. 4-16-6 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	270	270	276	150	308	402	448	273	255	188	149	186
2	264	270	276	190	340	425	470	255	255	173	138	184
3	261	255	287	220	347	285	412	264	255	164	147	181
4	290	250	287	220	333	245	365	287	247	114	149	175
5	270	245	273	220	335	220	359	253	250	164	152	100
6	261	250	273	210	347	245	344	233	236	164	150	170
7	253	270	287	215	353	261	347	281	230	371	387	168
8	278	302	276	223	407	290	323	273	220	308	359	160
9	323	267	244	220	410	330	293	287	222	209	225	162
10	299	244	290	210	440	400	293	290	201	191	206	162
11	296	255	240	220	455	520	287	287	198	170	198	160
12	299	281	275	220	475	650	273	261	201	177	196	158
13	273	284	250	220	503	592	302	253	206	175	181	156
14	314	287	205	250	580	462	296	247	198	255	194	175
15	287	281	200	250	680	442	290	241	198	299	184	168
16	287	281	200	299	700	428	278	276	186	250	177	168
17	270	261	205	296	666	425	296	287	188	210	177	170
18	270	278	180	301	581	466	317	293	173	185	188	173
19	270	296	150	316	562	428	326	261	177	165	191	175
20	273	290	140	290	531	448	323	270	201	155	177	175
21	287	270	145	275	445	462	317	296	222	150	150	179
22	299	273	145	306	470	380	380	371	225	148	201	177
23	305	261	150	193	512	350	362	406	217	147	188	181
24	293	270	155	212	491	365	335	452	206	152	179	170
25	290	281	160	234	428	650	323	393	196	147	179	179
26	281	293	150	263	425	816	344	386	198	143	209	181
27	278	287	155	312	415	509	338	512	323	149	181	181
28	284	270	164	297	409	419	311	459	228	141	201	179
29	305	270	170	292	409	428	287	466	206	141	217	175
30	296	273	180	284	-----	456	314	448	194	135	201	179
31	299	-----	185	292	-----	459	-----	386	-----	141	220	-----
Mean	285	272	212	248	461	428	331	321	217	183	195	170
Max.	323	302	290	316	700	816	470	512	323	371	387	186
Min.	253	244	140	150	308	220	267	233	173	114	138	100
A.F.	17500	16200	13040	15270	26490	26300	19700	19730	12920	11270	12000	10130

Total acre-feet 200550

BUREAU OF IRRIGATION

551

DISCHARGE IN SECOND-FEET OF CENTER CREEK AT FRANKLIN
 Sec. 36-2-15 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	5	5	7	7	4	6	5	3	1	2	1
2	4	7	5	8	10	5	6	5	3	0	2	1
3	4	6	5	9	14	4	6	5	3	0	2	1
4	4	6	5	9	15	2	6	5	3	0	2	1
5	5	6	6	10	16	3	6	5	2	0	2	1
6	5	6	6	10	14	3	6	5	2	0	2	1
7	5	6	6	10	10	4	6	5	2	0	2	1
8	5	6	5	10	10	4	6	5	1	1	1	1
9	5	6	4	10	10	5	6	5	0	1	1	1
10	5	6	4	10	9	6	6	5	0	1	2	0
11	5	7	5	10	8	6	6	5	0	1	2	0
12	5	8	6	10	7	12	6	4	0	0	2	0
13	5	8	6	12	6	9	6	4	0	0	2	0
14	5	7	3	15	6	6	6	4	0	150	2	1
15	5	6	1	6	6	6	6	4	0	66	2	2
16	5	6	0	4	6	6	6	4	1	7	2	2
17	5	6	0	3	6	6	6	4	1	6	2	2
18	5	6	3	3	6	16	6	4	1	6	2	2
19	5	6	1	4	6	16	6	4	1	6	2	2
20	4	7	1	4	6	16	6	4	1	5	2	2
21	4	7	1	3	6	11	6	4	1	5	2	2
22	4	6	1	2	6	10	5	4	1	5	2	2
23	4	6	1	2	6	10	5	4	1	4	2	2
24	4	6	1	3	6	10	5	4	1	4	2	2
25	5	6	1	4	6	13	6	4	1	4	2	2
26	5	6	2	4	6	9	5	4	1	4	2	2
27	5	6	2	4	6	8	5	4	1	4	2	2
28	5	5	4	4	6	8	5	3	1	4	2	2
29	5	5	6	4	5	6	5	3	1	5	1	2
30	5	5	7	4	6	6	5	3	1	3	1	2
31	5	5	3	4	6	6	3	3	3	3	1	2
Mean	5	6	7	6	8	8	6	4	1	10	2	2
Max.	5	8	7	15	16	16	6	5	3	150	2	2
Min.	3	5	0	2	5	2	5	3	0	0	1	0
A.F.	290	357	210	398	461	496	346	256	75	594	96	96

Total acre-feet 3680

DISCHARGE IN SECOND-FEET OF
 CLEVELAND DRAIN

Sec. 6-20-52 W.

Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	3	21	25	12	14
2	2	20	26	8	10
3	2	18	24	8	13
4	1	17	25	9	12
5	2	20	25	8	12
6	1	12	21	6	14
7	2	7	25	9	12
8	1	6	24	7	10
9	2	11	19	6	12
10	2	12	18	7	12
11	1	12	16	8	15
12	0	10	16	8	16
13	0	6	20	10	14
14	0	7	21	8	14
15	0	12	18	7	14
16	6	14	18	5	12
17	14	20	14	11	10
18	18	20	14	12	13
19	17	20	16	8	12
20	22	12	16	8	12
21	18	14	20	5	12
22	20	16	20	7	15
23	16	18	17	6	20
24	19	19	15	6	20
25	20	15	18	7	20
26	21	22	17	6	19
27	22	25	13	6	18
28	20	28	17	10	19
29	19	27	14	7	18
30	13	23	15	7	19
31	13	12	12	12	19
Mean	10	16	19	8	14
Max.	22	28	26	12	20
Min.	0	6	12	5	10
A.F.	590	960	1150	490	860

REPORT OF THE STATE ENGINEER

CRESCENT LAKE STORAGE IN ACRE-FEET
At head of Blue Creek—Sec. 21-20-44 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1					5770						3860	
2								6820				
3										6220		
4							6820					2150
5	4450			5020								
6									7610			
7						6310					3320	
8					5770				7610		3120	
9		4860										
10												
11				5470			6820			5690		1980
12												2000
13									7450			
14												
15					6040	6670		6960			2770	
16												
17										5140		
18				5470						5020		2030
19	4590											
20							6940		6810			
21					6010							
22											2430	
23												
24										4530		
25				5620								
26												1960
27						6670						
28											2290	
29					6190						2270	
30												1180
31										4370		

DISCHARGE IN SECOND-FEET OF DAVIS CREEK NEAR COTESFIELD
Sec. 34-17-12 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1		2	4	4	3	2	1	7	4	2	2	1	0
2		2	3	4	3	2	1	6	4	2	2	1	0
3		5	2	3	3		1	5	4	2	2	1	0
4		4	3	4	3		2	5	4	2	1	1	0
5		4	4	4	3		2	4	4	2	1	1	0
6		3	4	4	3		2	5	4	2	1	1	0
7		3	4	4	3		2	7	4	2	1	1	0
8		3	4	3	3		3	4	3	2	5	1	0
9		3	4	3	2		3	4	3	2	2	1	0
10		3	2	3	2		43	4	3	2	2	1	0
11		3	2	2	2		50	4	3	2	2	1	0
12		3	3	1	2		58	4	3	2	2	1	0
13		3	3	1	2		77	4	3	2	2	1	1
14		3	3	1	3		34	4	3	2	7	1	0
15		3	3	2	8		22	4	3	2	7	1	0
16		3	3	2	8		1	3	3	2	2	1	0
17		3	3	2	6		15	3	3	2	2	1	0
18		3	3	2	6		10	3	3	2	2	1	0
19		3	3	2	6		6	3	3	2	2	1	0
20		3	4	3	5		5	3	3	2	2	1	0
21		3	3	3	5		4	3	3	2	1	1	0
22		3	2	3	5		4	3	4	2	1	1	0
23		3	2	3	2		3	3	3	2	1	1	0
24		3	3	4	2		3	3	3	2	1	1	0
25		3	3	4	2		4	3	3	1	1	0	0
26		3	4	4	2		6	3	3	2	1	0	0
27		3	3	4	2		8	3	6	2	1	0	0
28		3	3	4	2		10	3	3	2	1	0	0
29		3	3	4	2		10	3	3	2	1	0	1
30		3	3	4	2		9	4	2	2	1	0	0
31		3	3	3	2		9	2	2	1	0		
Mean		3	3	3	3	2	14	4	2	2	2	1	0
Max.		5	5	4	8	3	77	7	6	2	11	1	1
Min.		2	2	1	2	1	1	3	2	1	1	0	0
A.F.	180	188	178	205	119	842	238	203	108	135	43	26	

Total acre-feet 2460

DISCHARGE IN SECOND-FEET OF
DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	8	3	6	10	8
2	8	3	6	10	5
3	5	3	7	10	5
4	4	3	6	12	5
5	4	3	9	16	5
6	3	3	12	15	4
7	4	3	20	17	6
8	8	3	12	16	5
9	3	3	9	13	4
10	3	3	9	16	5
11	3	3	11	28	5
12	3	3	11	17	5
13	3	3	12	15	5
14	3	4	20	12	5
15	3	3	10	11	5
16	3	3	9	10	5
17	3	3	11	9	4
18	3	2	10	9	5
19	2	3	10	9	4
20	3	5	15	9	4
21	3	5	9	9	5
22	3	6	12	8	5
23	3	11	9	9	3
24	3	9	9	9	3
25	3	7	5	9	3
26	3	4	6	9	3
27	3	4	7	9	2
28	3	5	7	9	2
29	3	5	7	7	4
30	3	7	9	7	2
31	3	7	13	8	2
Mean	4	4	10	12	4
Max.	8	11	20	28	8
Min.	2	2	5	7	2
A.F.	220	250	610	710	260

DISCHARGE IN SECOND-FEET OF DISMAL RIVER AT DUNNING
Sec. 4-21-24 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	280	286	309	263	388	327	354	321	294	289	312	312
2	283	271	303	375	375	315	312	318	297	289	330	297
3	289	289	306	393	357	309	306	306	306	283	333	289
4	286	292	303	366	342	297	315	312	306	286	315	286
5	271	274	303	363	336	315	306	312	312	283	327	289
6	277	286	324	347	351	315	327	294	300	283	306	286
7	265	303	306	349	348	318	324	333	312	268	315	309
8	271	303	274	342	348	324	315	321	312	274	297	283
9	283	309	277	345	351	318	306	327	297	277	283	280
10	289	315	297	332	354	330	294	303	321	294	306	297
11	300	324	303	328	348	330	300	289	306	294	315	292
12	321	321	321	334	348	336	297	297	315	294	306	309
13	309	318	315	325	354	345	321	289	312	303	303	303
14	315	321	288	407	339	339	309	286	318	321	312	297
15	309	315	287	364	336	342	321	289	312	303	294	309
16	315	292	270	381	327	351	345	363	300	297	286	327
17	300	280	287	369	327	394	339	333	297	274	289	312
18	297	303	292	357	336	406	330	315	294	292	292	312
19	292	300	276	368	327	403	336	333	286	280	294	315
20	297	309	157	333	312	444	336	306	327	324	292	315
21	312	309	250	333	312	391	366	286	303	318	312	315
22	303	297	373	124	318	363	365	300	309	312	297	284
23	300	300	433	156	318	350	294	294	306	303	294	315
24	303	312	431	130	318	350	315	280	312	306	284	315
25	294	309	428	211	318	360	315	294	294	297	286	318
26	297	315	418	287	321	354	321	425	294	300	312	306
27	309	321	389	359	336	366	318	381	294	297	309	324
28	312	315	379	398	336	382	309	300	292	303	303	294
29	312	318	378	442	348	397	318	292	292	309	306	306
30	309	321	399	440	.....	385	327	286	283	312	309	318
31	286	.....	367	403	.....	372	.....	286	.....	312	312	.....
Mean	296	304	323	333	339	353	321	312	303	296	305	304
Max.	321	324	433	442	388	444	366	425	327	324	333	327
Min.	265	271	157	124	312	297	294	286	283	288	283	280
A.F.	18220	18090	19840	20470	19500	21680	19120	19200	18060	18200	18730	18070

Total acre-feet 229200

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF DRIFTWOOD CREEK NEAR MCCOOK
Sec. 12-2-30 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	1	1	0	1	1	5	3	12	9	0	0
2	2	1	1	0	1	1	4	6	12	8	0	0
3	4	1	1	0	1	1	3	4	6	4	0	1
4	8	1	1	0	1	1	2	2	2	4	0	0
5	5	1	1	0	1	1	2	2	2	2	616	1
6	2	1	1	0	1	1	2	2	2	4	150	1
7	2	1	1	1	1	1	2	2	2	2	30	0
8	2	1	1	1	1	1	1	1	1	1	15	1
9	2	1	1	1	1	1	1	1	1	1	10	0
10	2	1	1	1	1	1	1	1	1	1	5	1
11	2	1	1	1	1	1	1	1	1	1	4	0
12	2	1	1	1	1	2	2	2	2	2	5	0
13	2	1	1	1	1	2	2	2	2	2	5	0
14	2	1	1	1	1	2	2	2	2	2	8	0
15	2	1	1	1	1	2	2	2	2	1	14	0
16	2	1	1	1	1	2	2	2	2	0	15	0
17	1	1	1	1	1	2	2	2	2	0	8	0
18	1	1	1	1	1	2	2	2	2	0	4	0
19	1	1	1	1	1	2	2	2	2	0	7	0
20	1	1	1	1	1	2	3	3	6	0	1	0
21	1	1	1	1	1	3	3	3	4	0	1	0
22	1	1	1	1	1	2	2	5	8	1	1	0
23	1	1	1	1	1	2	4	4	97	1	0	0
24	1	1	1	1	1	2	3	3	17	2	0	0
25	1	1	1	1	1	2	3	3	8	1	0	0
26	1	1	1	1	1	2	3	3	5	1	0	1
27	1	1	1	1	1	2	3	3	4	4	0	1
28	1	1	1	1	1	3	3	3	8	3	0	0
29	1	1	1	1	1	4	3	3	12	2	0	1
30	1	1	1	1	1	4	3	3	13	4	0	1
31	1	1	1	1	1	5	5	5	12	4	0	1
Mean	2	1	1	1	1	2	3	3	9	30	0	0
Max.	8	1	1	1	1	5	5	5	97	12	616	2
Min.	1	1	1	0	1	1	1	2	0	0	0	0
A.F.	123	72	54	48	59	122	153	581	149	1830	25	24

Total acre-feet 3240

DISCHARGE IN SECOND-FEET OF DRY CREEK NEAR CURTIS
Sec. 25-8-28 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	13	0	0	0	0	0	0
10	0	0	0	0	0	9	0	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	0	23	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	8	0	0
14	0	0	0	0	0	0	0	0	0	8	0	0
15	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	7	0	0	0	0	0	0
17	0	0	0	0	0	5	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	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0	0	0	0	0	1	0	0	0	0	1	0
Max.	0	0	0	0	0	13	0	0	0	8	23	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	72	0	0	0	24	48	0

Total acre-feet 142

BUREAU OF IRRIGATION

555

DISCHARGE IN SECOND-FEET OF DRY CREEK AT CAIRO
 Sec. 18-12-11 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	0	0	0	0	0
12	0	0	0	0	0	5	0	0	0	0	0	0
13	0	0	0	0	0	10	0	0	0	0	0	0
14	0	0	0	0	0	2	0	0	0	66	0	0
15	0	0	0	0	0	0	0	0	0	2	0	0
16	0	0	0	0	0	0	0	8	0	0	0	0
17	0	0	0	0	0	0	0	2	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	2	0	0	0	0
22	0	0	0	0	0	0	0	15	0	0	0	0
23	0	0	0	0	0	0	0	1	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	5	0	0	0	0
28	0	0	0	0	0	0	0	2	0	0	0	0
29	0	0	0	0	0	2	0	0	0	0	0	0
30	0	0	0	0	0	3	0	0	0	0	0	0
31	0	0	0	0	0	2	0	0	0	0	0	0
Mean	0	0	0	0	0	1	0	1	0	2	0	0
Max.	0	0	0	0	0	10	0	15	0	66	0	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	1	0	0	0	0	48	2	70	0	135	0	0

Total acre-feet 256

DISCHARGE IN SECOND-FEET OF
 DUGOUT CREEK, UPPER, NEAR
 NORTHPORT—Sec. 20-20-50 W.
 Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	0	27	23	18	23
2	0	27	11	19	24
3	0	21	10	18	25
4	0	15	8	21	23
5	11	22	7	21	22
6	19	12	12	18	20
7	30	11	10	19	24
8	48	12	12	22	24
9	43	30	9	21	23
10	35	7	8	17	22
11	53	6	8	19	23
12	55	5	8	17	23
13	36	7	10	25	28
14	45	5	15	32	27
15	20	6	16	20	30
16	14	9	15	18	30
17	28	7	13	18	27
18	28	6	15	13	27
19	35	5	15	17	26
20	31	6	14	16	24
21	45	5	14	14	26
22	34	5	15	14	27
23	25	4	15	15	28
24	47	4	18	17	24
25	48	4	16	18	24
26	47	24	17	17	22
27	47	14	19	16	24
28	42	9	17	22	24
29	39	12	18	23	26
30	44	19	18	21	26
31	31	...	17	21	...
Mean	32	12	14	19	25
Max.	55	30	23	32	30
Min.	0	4	7	13	20
A.F.	1940	690	840	1160	1480

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT EWING
Sec. 35-27-9 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	378	609	354	125	200	640	2600	373	681	64	49	40
2	338	541	370	130	250	620	2150	368	562	63	50	39
3	336	493	397	132	350	450	1810	341	481	61	52	38
4	669	459	418	138	430	375	1500	312	409	60	53	36
5	562	404	435	142	520	330	1240	290	356	59	54	36
6	538	352	450	142	620	320	1040	252	314	58	54	35
7	570	363	478	144	780	340	876	246	277	57	55	35
8	580	380	471	144	940	350	743	254	246	56	56	34
9	562	390	483	145	1470	350	637	294	222	55	54	35
10	522	406	423	145	1700	380	553	316	203	54	52	35
11	478	411	430	144	1610	490	490	316	177	53	50	35
12	440	414	361	142	1830	630	478	319	167	52	49	36
13	406	418	250	145	2290	680	481	319	152	52	48	36
14	394	414	150	153	2330	720	517	305	143	52	47	36
15	570	404	130	160	2450	810	538	294	132	51	46	37
16	794	385	130	163	2330	790	529	323	119	51	47	38
17	869	358	130	168	2080	970	512	343	107	50	49	39
18	920	334	135	170	1980	1240	510	385	101	49	52	40
19	940	327	135	160	1810	1370	500	430	97	49	54	42
20	920	323	135	140	1200	1790	498	469	96	48	56	43
21	879	314	135	120	1000	1870	622	490	94	48	54	43
22	855	308	135	110	900	1450	937	560	92	48	51	44
23	852	297	140	110	820	1050	981	1140	86	47	49	44
24	859	292	140	114	760	1110	971	1340	81	47	48	46
25	862	281	140	114	700	1090	978	1290	78	47	48	47
26	855	299	140	119	660	1220	883	1240	76	47	48	46
27	852	288	140	124	640	1440	697	1340	73	47	48	46
28	825	292	140	127	690	1740	582	1300	70	47	47	45
29	774	319	135	129	650	2420	471	1230	68	47	46	45
30	726	338	130	131	-----	2890	404	1080	66	48	44	45
31	663	-----	125	136	-----	2820	-----	869	-----	48	-----	-----
Mean	671	374	250	138	1172	1060	858	594	194	52	50	40
Max.	940	609	483	170	2450	2920	2600	1340	681	64	56	47
Min.	336	281	125	110	200	320	404	246	66	47	42	34
A.F.	41230	22240	15400	8460	67420	65150	51030	36550	11560	3200	3080	2370

Total acre-feet 327690

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER, SOUTH FORK, AT
EWING—Sec. 2-26-9 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	76	139	106	43	76	255	390	67	82	42	33	31
2	67	120	92	41	90	304	349	76	60	41	33	30
3	78	110	110	42	120	234	286	78	62	39	37	29
4	247	100	110	47	150	160	238	78	60	39	34	28
5	500	88	135	42	200	111	205	76	62	40	34	28
6	580	85	121	41	270	124	165	73	53	41	34	29
7	456	78	117	41	340	142	146	73	50	42	39	31
8	372	76	88	43	420	152	128	82	46	40	39	30
9	308	92	76	35	520	173	110	78	43	38	38	27
10	251	103	70	33	600	193	92	85	43	37	36	27
11	209	103	80	41	549	247	92	78	42	38	34	29
12	154	106	65	46	539	344	110	76	40	38	33	28
13	124	110	60	52	575	344	124	78	40	39	36	29
14	135	92	55	58	510	340	158	70	39	39	33	32
15	146	88	35	43	475	335	189	62	36	39	33	30
16	162	62	33	49	442	344	158	78	37	39	32	31
17	150	62	32	35	376	437	131	70	38	38	31	30
18	154	58	33	49	372	616	128	67	39	41	30	30
19	146	64	34	65	344	595	121	64	40	39	44	31
20	150	82	35	49	273	659	143	64	55	37	40	33
21	177	78	36	45	221	519	197	70	46	38	35	33
22	158	74	35	45	193	180	304	95	42	37	35	33
23	165	68	33	47	185	100	299	320	41	36	34	33
24	177	64	33	48	150	130	247	326	40	35	33	33
25	193	62	33	48	139	165	189	317	46	33	32	32
26	185	67	33	51	143	264	128	299	47	33	32	30
27	158	73	36	53	162	317	85	266	47	35	30	28
28	162	68	38	55	213	409	76	286	47	36	31	27
29	146	92	43	55	238	585	73	290	43	37	32	27
30	150	113	46	57	-----	639	73	201	42	34	30	28
31	146	-----	33	61	-----	461	-----	117	-----	33	31	-----
Mean	203	87	61	47	306	315	170	132	47	38	34	30
Max.	580	139	135	65	600	659	390	326	82	42	44	33
Min.	67	58	32	33	76	100	73	62	36	33	30	27
A.F.	12460	5150	3740	2900	17620	19390	10140	8100	2790	2330	2100	1780

Total acre-feet 88500

BUREAU OF IRRIGATION

557

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT NELIGH
Sec. 20-25-6 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	608	925	600	296	414	955	3620	588	1120	184	104	126
2	576	815	620	303	486	975	3030	592	935	175	100	122
3	564	752	648	311	567	760	2440	596	800	165	156	118
4	1350	656	688	300	677	675	1940	580	724	162	162	112
5	1810	608	688	311	778	635	1520	550	680	164	156	110
6	1900	584	696	312	938	654	1250	486	640	156	167	110
7	1760	604	732	314	1080	683	1060	472	572	151	192	110
8	1540	612	680	320	1180	694	1000	480	504	149	205	111
9	1340	636	636	320	1360	776	950	486	452	149	182	106
10	1210	644	704	314	1840	855	850	497	410	146	173	105
11	1060	684	620	319	2230	985	776	494	371	142	184	105
12	940	692	564	322	2710	1210	772	490	335	137	175	102
13	855	708	500	320	2960	1320	635	480	294	136	171	104
14	810	708	420	322	3500	1340	955	462	261	142	165	112
15	835	694	328	350	3510	1340	1020	445	238	144	158	111
16	1100	644	370	362	3460	1410	960	476	218	139	155	110
17	1270	590	390	360	3160	1590	920	504	211	136	149	109
18	1290	570	380	367	2770	2040	950	522	205	131	148	106
19	1290	535	378	378	2510	2370	950	568	201	130	178	114
20	1280	542	392	406	1800	2720	975	592	233	122	209	136
21	1300	542	382	396	1400	3380	1080	616	236	120	180	130
22	1280	546	385	354	1100	2750	1690	810	218	118	164	118
23	1250	540	376	300	1000	1440	2120	1650	213	112	155	125
24	1260	500	354	270	950	1330	1870	2480	207	111	146	128
25	1290	450	358	293	900	1270	1650	2690	207	109	151	134
26	1280	500	340	290	850	1340	1400	2400	196	106	146	126
27	1250	528	326	291	820	1640	1120	2260	218	105	139	124
28	1240	539	332	293	935	2030	930	2180	222	107	142	118
29	1180	553	329	291	1000	2760	760	2020	209	109	144	116
30	1120	584	327	302	-----	3480	656	1800	198	110	141	116
31	1020	-----	320	341	-----	3630	-----	1400	-----	104	134	-----
Mean	1189	616	479	324	1617	1582	1335	989	384	135	159	116
Max.	1900	925	732	406	3510	3630	3620	2690	1120	184	209	136
Min.	564	450	320	270	414	635	656	445	196	104	100	102
A.F.	73110	36640	29480	19910	93000	97260	79440	60830	22870	8270	9780	6890

Total acre-feet 537480

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT NORFOLK
Sec. 3-23-1 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1050	1170	831	414	522	1230	3160	1010	1630	373	195	290
2	1040	1090	882	420	653	1260	3040	922	1420	342	203	263
3	1100	1020	936	402	612	1260	2630	870	1340	312	308	250
4	1460	922	909	405	638	1170	2230	637	1280	312	385	246
5	1840	882	922	405	700	976	1920	769	1160	334	350	230
6	1720	870	902	405	906	942	1770	734	997	346	316	230
7	1710	856	896	410	1100	1000	1520	781	942	1610	290	230
8	1710	844	902	413	1600	1020	1390	728	856	866	334	224
9	1570	831	882	416	2200	1020	1200	781	751	688	305	218
10	1460	831	876	413	2500	1090	1080	800	666	358	298	203
11	1360	902	896	393	3080	1270	1020	781	597	323	276	203
12	1330	909	882	393	2900	1300	1070	775	567	308	280	203
13	1300	922	844	395	3300	2300	1170	781	504	1020	301	200
14	1260	915	533	401	3080	1720	1110	769	477	639	298	218
15	1230	889	302	406	3090	1600	1190	763	432	656	290	221
16	1220	876	395	419	3050	1580	1200	800	394	411	273	227
17	1430	837	342	432	3100	1550	1100	818	354	346	266	224
18	1510	850	339	442	2870	1960	1120	794	342	320	266	214
19	1550	787	361	486	2700	2230	1210	810	327	316	305	236
20	1580	775	403	960	2510	2390	1260	837	373	312	728	266
21	1550	800	425	720	1970	2520	1310	876	398	243	682	253
22	1550	800	431	606	1670	2300	1320	942	398	236	373	253
23	1530	794	431	491	1510	1950	1660	1810	373	224	308	253
24	1430	794	420	481	1390	1790	1670	2250	342	218	276	253
25	1440	698	412	447	1330	1530	1560	2520	320	209	305	250
26	1440	612	414	441	1230	1530	1360	2520	331	200	331	246
27	1390	671	412	438	1200	1720	1230	2520	1100	195	276	246
28	1330	705	403	420	1260	1830	1080	2410	861	203	305	240
29	1280	763	406	386	1300	2260	1020	2290	463	203	350	227
30	1290	800	414	398	-----	2880	983	2100	415	206	312	227
31	1230	-----	412	403	-----	3080	-----	1890	-----	218	308	-----
Mean	1418	847	607	454	1862	1686	1486	1235	680	405	326	235
Max.	1840	1170	936	960	3300	3080	3160	2520	1630	1610	728	290
Min.	1040	612	302	386	522	942	983	728	320	195	195	200
A.F.	87210	50390	37320	27890	107100	103700	88430	75940	40480	24890	20020	13970

Total acre-feet 677340

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT WATERLOO
Sec. 21-16-10 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1620	1840	1390	930	1070	2640	9140	2110	3080	1360	775	2240
2	1650	1760	1500	894	1360	2460	7810	2080	2610	1070	770	1250
3	1580	1670	1590	848	2400	2470	6550	2060	2200	942	787	942
4	3420	1540	1610	852	3070	1600	5610	2080	2110	868	720	829
5	5570	1450	1580	868	2840	1100	4940	1850	2100	770	1020	758
6	3900	1400	1600	873	2340	1180	3860	1720	2190	731	1360	720
7	3260	1510	1690	840	2100	1460	3200	1650	2100	1290	978	709
8	3050	1530	1570	811	2060	1990	3050	2160	1860	4870	992	692
9	2870	1510	1480	786	2160	2200	3430	2170	1660	3280	914	654
10	2640	1490	1370	772	2780	2100	3140	2000	1510	1870	805	644
11	2380	1470	1300	790	3850	2600	3000	1890	1350	1320	775	623
12	2180	1480	1260	811	4150	3660	3230	1780	1270	1020	775	607
13	2040	1520	1200	828	3760	10200	3590	1540	1160	956	736	607
14	1860	1530	800	874	5370	10400	3400	1470	1130	1500	770	644
15	1740	1510	510	905	5800	7840	3110	1460	1020	2880	805	623
16	1850	1500	415	960	5770	4560	3080	1520	992	2000	935	628
17	2050	1400	490	1010	4710	4160	2970	2160	963	1510	793	612
18	2100	1350	528	1040	6190	4680	2850	2260	970	1190	726	602
19	1960	1360	547	1100	6370	5490	2790	1770	868	992	781	597
20	1990	1420	646	1080	4660	5400	2750	1580	835	928	1070	602
21	2470	1450	690	2240	3340	5240	2790	1520	1130	861	2450	602
22	2060	1440	783	2370	2720	4890	3330	1590	1410	793	2660	670
23	2120	1320	826	1700	2650	3570	4150	9680	1380	787	1730	676
24	2130	1240	861	1750	2680	3450	3830	10800	1060	748	1220	607
25	2100	1180	900	1500	2510	2220	3650	8130	817	709	978	597
26	2130	1180	919	1370	2370	2430	3090	6840	835	682	935	557
27	2100	1290	902	1250	2400	2600	2870	6600	4120	660	942	548
28	2100	1360	893	1180	2640	3080	2750	5770	5400	633	887	543
29	2070	1400	898	1120	3000	3880	2540	4540	3440	644	1260	543
30	1900	1400	925	1100	.....	8620	2270	4030	1890	654	1600	515
31	1870	.....	952	1100	.....	12400	.....	3590	.....	670	3000	.....
Mean	2347	1450	1050	1114	3349	4211	3759	3239	1782	1264	1127	715
Max.	5570	1840	1610	2370	6370	12400	9140	10800	5400	4870	3000	2240
Min.	1580	1180	415	766	1070	1100	2270	1460	817	633	720	515
A.F.	144300	86280	64530	68490	192600	258900	223700	199100	106000	77730	69320	42530

Total acre-feet 1533480

DISCHARGE IN SECOND-FEET OF ELM CREEK AT AMBOY
Sec. 3-1-10 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	17	16	15	17	19	19	17	16	28	16	14
2	17	17	15	15	17	19	19	17	16	20	16	14
3	16	18	15	15	17	20	18	16	15	19	16	14
4	21	18	15	15	18	20	18	16	15	18	16	14
5	21	17	15	15	18	20	18	16	16	17	17	14
6	18	18	15	15	18	20	18	17	15	17	17	14
7	18	18	15	15	18	20	18	17	15	58	16	13
8	18	18	15	15	18	20	19	17	15	30	16	13
9	18	18	15	15	18	22	21	17	15	20	16	13
10	17	16	15	15	19	22	20	17	16	20	16	12
11	17	18	15	15	19	21	19	17	15	19	16	13
12	17	17	15	15	19	20	20	17	16	18	16	13
13	17	17	15	15	19	19	17	16	16	19	16	14
14	17	17	15	15	21	20	17	17	15	461	18	14
15	17	17	15	14	19	19	17	17	15	75	16	14
16	17	17	15	14	19	19	18	17	15	28	16	14
17	17	17	15	14	19	20	17	17	15	23	17	15
18	17	17	15	16	18	23	18	17	14	20	17	15
19	17	17	15	16	18	20	19	17	14	20	16	15
20	18	17	15	16	18	18	19	17	14	110	16	15
21	17	18	15	16	18	18	18	48	14	30	16	16
22	17	18	16	16	18	20	28	137	14	21	16	16
23	17	18	15	15	18	19	22	31	14	18	15	16
24	17	18	15	17	19	19	18	23	14	17	15	16
25	17	18	15	17	19	18	17	21	14	17	15	16
26	18	18	14	17	19	19	16	20	14	17	14	15
27	18	16	14	17	19	19	16	18	70	17	14	16
28	17	16	14	17	19	19	17	18	26	16	14	15
29	17	16	15	17	19	19	17	17	40	30	14	15
30	17	16	15	17	.....	19	17	17	71	18	15	15
31	17	.....	15	17	.....	18	.....	16	.....	16	14	.....
Mean	18	17	15	16	18	20	18	23	20	40	16	14
Max.	21	18	16	17	21	23	28	137	71	461	17	16
Min.	16	16	14	14	17	18	16	16	14	16	14	12
A.F.	1080	1030	920	958	1060	1210	1100	1390	1180	2490	964	859

Total acre-feet 14240

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR OVERTON
Sec. 17-10-19 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0
13	0	0	0	0	0	0	9	0	0	0	0	0
14	0	0	0	0	0	0	7	0	0	21	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0
16	0	0	0	0	0	0	3	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	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0	0	0	0	0	0	1	0	0	1	0	0
Max.	0	0	0	0	0	0	9	0	0	21	0	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	43	0	0	43	0	0

Total acre-feet 86

DISCHARGE IN SECOND-FEET OF
ELM CREEK—Sec. 33-9-18 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	0	7	11	3	20
2	1	11	13	2	12
3	0	13	10	4	14
4	1	10	8	1	19
5	1	8	6	1	9
6	1	6	9	5	12
7	2	11	15	7	19
8	1	7	22	20	17
9	2	4	11	23	15
10	1	7	14	20	9
11	1	8	16	16	17
12	1	9	17	27	13
13	2	14	21	32	11
14	2	16	112	29	12
15	2	14	63	23	19
16	2	15	21	10	17
17	21	12	13	24	13
18	10	6	13	23	13
19	5	2	16	26	7
20	8	1	13	20	6
21	8	21	10	18	6
22	172	22	21	18	8
23	24	22	19	10	16
24	18	15	14	3	16
25	1	20	4	16	7
26	0	10	0	21	7
27	53	19	2	18	0
28	16	16	0	7	1
29	5	11	1	3	1
30	4	11	10	14	1
31	4	...	7	19	...
Mean	12	12	16	15	11
Max.	172	22	112	32	20
Min.	0	1	0	1	0
A.F.	730	690	1020	920	670

REPORT OF THE STATE ENGINEER

ELMORE (KILPATRICK) RESERVOIR STORAGE IN ACRE-FEET
From Snake Creek—Sec. 6-24-51 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6												
7		410				590						
8												
9												
10												
11		410										
12												
13												480
14												
15												
16												
17												
18							940					
19	530											
20												
21												
22												
23												
24				460								
25										890		
26												
27												
28												
29												
30												
31												

DISCHARGE IN SECOND-FEET OF FOX CREEK NEAR CURTIS
Sec. 27-8-28 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	9	9	9	9	9	9	10	8	7	6	6
2	8	9	9	9	9	9	9	11	8	6	6	6
3	8	9	9	9	9	8	9	10	8	6	6	6
4	8	9	9	10	9	9	9	10	8	7	6	6
5	8	9	9	10	9	9	9	10	8	7	7	6
6	8	9	9	10	9	8	9	10	8	6	7	6
7	8	9	9	10	9	8	9	10	8	7	7	6
8	8	9	9	10	9	8	9	10	8	6	7	6
9	8	9	9	10	9	23	9	10	8	6	7	5
10	8	9	9	9	9	32	9	10	8	6	7	5
11	8	10	9	9	9	12	10	9	7	6	7	5
12	8	10	9	9	9	11	10	9	7	6	7	5
13	8	10	9	9	9	10	9	9	7	6	7	5
14	8	10	9	10	9	10	9	9	7	6	7	5
15	8	10	9	10	9	13	9	10	7	6	7	6
16	8	9	9	9	9	18	9	10	7	6	7	6
17	8	9	9	9	9	12	9	9	7	6	7	6
18	8	9	9	10	9	10	9	9	7	6	6	5
19	8	9	8	10	9	10	9	9	7	6	6	5
20	8	9	8	10	9	10	9	9	7	6	6	5
21	9	9	9	10	9	10	9	9	7	6	6	5
22	9	9	9	9	9	12	9	9	7	6	6	6
23	9	9	10	9	9	11	9	8	7	6	6	6
24	9	9	10	10	9	11	9	8	7	6	7	5
25	9	9	10	10	8	10	9	8	7	6	7	5
26	9	9	10	10	9	10	9	8	7	6	6	5
27	10	9	10	10	9	10	9	8	8	6	6	5
28	9	9	10	9	10	10	9	8	7	6	6	5
29	9	9	10	9	9	10	9	8	7	6	7	5
30	9	9	10	9		9	9	8	7	6	7	6
31	9		9	9		9		8		6	6	6
Mean	8	9	9	9	9	11	9	9	7	8	6	6
Max.	10	10	10	10	10	32	10	11	8	6	7	6
Min.	8	9	9	9	8	8	9	8	7	6	6	5
A.F.	521	545	558	581	524	696	533	561	433	505	401	331

Total acre-feet 6190

DISCHARGE IN SECOND-FEET OF
FREMONT SLOUGH INTO
SUTHERLAND POWER RETURN
Sec. 16-13-30 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	30	29	17	14	17
2	29	26	17	14	17
3	28	26	20	16	18
4	27	25	18	16	18
5	27	26	17	16	17
6	26	25	18	16	18
7	27	25	16	16	18
8	27	25	17	16	17
9	30	24	16	16	16
10	28	24	15	16	16
11	26	24	15	19	17
12	27	22	16	15	17
13	25	22	16	18	16
14	26	21	16	18	17
15	26	20	17	17	17
16	31	20	17	17	17
17	34	20	16	17	17
18	32	19	16	17	17
19	31	19	16	17	18
20	31	18	16	15	17
21	30	20	16	18	17
22	35	19	15	16	17
23	31	20	16	17	17
24	31	19	15	12	18
25	30	20	13	15	18
26	29	18	16	13	17
27	33	19	14	14	18
28	31	19	14	16	17
29	29	17	16	16	17
30	28	18	15	17	17
31	28	...	14	18	...
Mean	29	22	16	16	17
Max.	35	29	20	19	18
Min.	25	17	13	12	16
A.F.	1790	1290	980	980	1020

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH
Sec. 17-13-29 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	8	7	11	15	15	16	14	12	14	12	12
2	7	8	7	11	16	15	15	14	11	14	11	12
3	8	8	8	11	15	15	15	14	12	14	12	12
4	8	8	8	11	16	15	15	14	11	14	11	12
5	8	8	8	11	16	15	15	14	12	12	12	12
6	8	8	9	11	16	16	16	14	12	15	12	11
7	8	8	10	11	15	16	15	14	11	14	12	11
8	8	8	10	11	15	16	15	14	11	13	12	11
9	8	8	11	11	15	15	15	14	12	12	12	11
10	8	7	10	11	15	15	15	14	12	10	12	11
11	8	8	10	11	15	15	14	14	12	10	13	10
12	9	8	10	11	15	15	14	13	11	11	12	10
13	9	8	10	10	15	16	14	13	12	11	12	10
14	9	8	10	11	15	15	14	13	11	11	12	10
15	9	7	10	10	15	15	14	13	11	11	12	10
16	9	7	10	11	15	15	14	13	11	11	11	9
17	9	7	10	11	15	15	15	13	11	11	11	9
18	9	7	10	11	14	15	15	13	12	11	12	10
19	9	7	11	12	14	15	14	12	12	11	11	10
20	9	7	11	13	15	15	14	12	13	11	11	8
21	9	8	11	13	15	15	14	12	12	11	11	7
22	9	7	11	14	15	13	16	12	12	11	12	7
23	8	7	11	14	15	13	15	13	13	11	12	6
24	8	7	11	14	15	14	15	12	13	11	11	4
25	8	7	11	14	15	15	15	12	13	11	11	4
26	8	7	11	14	15	15	15	12	13	11	11	9
27	8	7	11	14	15	16	15	14	13	11	11	9
28	8	7	11	15	15	16	14	11	13	12	12	8
29	8	7	11	15	15	16	14	12	13	12	12	8
30	8	7	11	15	...	16	14	11	14	12	12	7
31	8	...	11	15	...	16	...	14	...	12	12	...
Mean	8	8	10	12	15	15	15	13	12	12	12	9
Max.	9	8	11	15	16	16	16	14	14	15	13	12
Min.	7	7	7	10	14	13	14	11	11	10	11	4
A.F.	510	460	620	750	870	930	870	800	720	730	720	560

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER BELOW CHAMPION
Sec. 22-6-39 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	57	59	51	54	60	62	44	40	55	20	48	36
2	50	59	56	56	62	61	42	43	54	25	36	39
3	51	60	60	55	59	64	35	44	49	28	43	41
4	45	59	57	59	62	57	44	37	42	20	44	28
5	43	66	57	56	60	59	44	41	44	25	47	41
6	43	58	60	53	61	61	38	38	40	32	49	44
7	43	56	56	56	63	59	40	39	42	44	40	44
8	45	61	59	54	62	58	41	42	42	42	38	44
9	43	43	58	57	61	43	41	49	42	45	43	42
10	48	41	60	54	62	41	44	50	35	45	44	26
11	58	42	59	54	64	40	38	45	38	30	45	24
12	52	42	61	57	62	30	41	48	28	32	45	30
13	55	44	60	53	64	38	41	48	28	28	45	39
14	54	34	61	58	62	57	44	48	26	39	30	30
15	58	40	62	57	63	56	38	43	25	34	34	42
16	53	35	58	57	62	56	43	52	32	52	34	34
17	53	33	60	57	61	58	42	46	15	77	28	27
18	50	35	57	59	66	56	43	54	23	55	27	36
19	49	37	58	60	59	56	41	50	25	32	26	42
20	57	33	45	57	62	40	44	43	19	24	33	39
21	51	35	56	60	60	36	50	48	37	34	27	27
22	62	36	59	58	61	41	58	50	44	23	24	32
23	57	40	55	61	57	51	61	49	45	30	30	30
24	55	34	59	58	60	70	56	56	36	22	32	37
25	55	62	54	59	62	89	53	57	36	31	41	27
26	54	62	56	59	58	73	54	56	26	33	33	28
27	56	60	54	57	59	50	50	60	27	28	33	35
28	56	58	56	61	63	47	43	57	25	42	49	26
29	57	57	57	58	60	46	41	53	24	41	34	30
30	61	52	56	61	---	46	45	54	28	35	41	36
31	59	---	59	62	---	44	---	55	---	44	36	---
Mean	52	48	57	57	61	53	45	48	34	35	37	35
Max.	62	66	62	62	66	89	61	60	55	77	49	44
Min.	43	33	45	53	57	30	35	37	15	20	24	24
A.F.	3230	2850	3520	3520	3520	3260	2660	2970	2050	2160	2300	2060

Total acre-feet 34100

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR IMPERIAL
Sec. 3-5-38 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	72	86	91	79	94	92	72	83	78	48	57	57
2	85	85	89	77	98	95	73	72	82	41	73	83
3	87	89	76	95	103	86	66	72	78	40	59	78
4	85	92	86	88	98	79	74	76	82	56	65	83
5	85	93	94	88	94	84	73	58	70	56	82	57
6	85	82	86	74	91	88	76	57	73	63	74	79
7	68	76	82	82	100	91	83	67	60	53	77	60
8	61	89	98	91	107	88	82	82	73	63	75	69
9	66	92	98	87	94	92	82	78	65	79	65	69
10	85	84	93	80	93	73	68	67	59	77	69	79
11	78	70	88	86	94	72	78	65	67	79	64	72
12	78	70	100	93	95	76	40	65	59	76	69	58
13	85	67	98	87	100	52	53	73	61	60	78	42
14	85	72	85	97	99	89	88	75	55	52	83	45
15	86	74	100	88	98	102	83	70	43	70	75	54
16	93	73	95	88	102	100	85	86	49	86	63	78
17	84	77	94	94	79	103	63	84	58	69	69	86
18	85	65	91	103	87	103	65	86	36	93	53	63
19	87	68	78	93	95	100	78	84	42	95	59	59
20	82	73	60	95	95	102	79	75	51	56	46	66
21	79	78	70	94	102	95	82	93	44	51	54	79
22	89	44	90	67	97	54	66	91	63	39	53	70
23	84	80	102	97	92	85	87	93	69	43	62	54
24	89	85	93	104	88	102	100	76	72	55	55	52
25	89	76	82	99	87	100	95	80	73	70	70	65
26	107	84	91	98	89	113	83	88	59	65	76	63
27	82	96	95	89	91	107	76	91	46	51	68	61
28	91	77	88	88	94	91	75	98	45	53	111	60
29	85	91	86	92	94	89	72	99	59	66	102	71
30	89	91	84	98	---	89	83	77	54	78	94	61
31	88	---	93	88	---	91	---	70	---	74	73	---
Mean	83	80	89	90	95	90	76	78	61	63	70	65
Max.	107	98	102	104	107	113	100	99	82	95	111	86
Min.	61	44	60	63	79	52	40	57	36	39	46	42
A.F.	5120	4750	5470	5500	5450	5520	4520	4820	3620	3880	4310	3870

Total acre-feet 56830

BUREAU OF IRRIGATION

ENDERS RESERVOIR STORAGE IN ACRE-FEET
From Frenchman River—Sec. 9-5-37 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35010	37535	39720	42630	45170	42295	38770	36780	35225	33490	31410	29540
2	35150	37610	39870	42715	45170	42212	38620	36705	35225	33350	31210	29470
3	35300	37610	39950	42880	45080	42050	38385	36555	35255	33280	31070	29405
4	35375	37690	40030	42960	44990	41970	38150	36480	35225	33135	30940	29340
5	35450	37765	40190	43130	44990	41810	38000	36330	35225	33135	30870	29275
6	35590	37765	40270	43215	44905	41640	37840	36180	35225	33070	30735	29210
7	35665	37920	40430	43300	44905	41480	37690	35965	35150	32930	30595	29145
8	35740	38000	40510	43380	44820	41320	37612	35740	35150	32790	30530	29080
9	35740	38150	40588	43460	44820	41235	37458	35590	35080	32790	30530	29015
10	35815	38310	40665	43545	44735	41070	37230	35450	35080	32720	30460	28950
11	35815	38385	40748	43545	44565	40910	37090	35300	35080	32650	30460	28885
12	35890	38460	40748	43630	44480	40830	36930	35150	35080	32650	30330	28820
13	35962	38540	40910	43800	44395	40830	36780	34935	35080	32580	30260	28755
14	36035	38620	40990	43965	44310	40748	36630	34785	35010	32580	30260	28690
15	36108	38695	41070	43965	44225	40582	36480	34585	34860	32510	30260	28630
16	36180	38695	41150	44052	44140	40510	36855	34860	34782	32510	30200	28570
17	36255	38770	41235	44140	43965	40350	37005	34860	34565	32440	30130	28505
18	36330	38770	41400	44225	43800	40190	37080	34710	35140	32440	30000	28440
19	36405	38770	41480	44395	43630	40030	37155	34565	34350	32370	29935	28440
20	36480	38850	41480	44480	43460	39870	37230	34495	34210	32370	29870	28375
21	36555	38850	41560	44565	43300	39720	37460	34565	34140	32370	29740	28213
22	36630	38930	41640	44565	43215	39560	37672	34710	34065	32300	29610	28380
23	36630	39008	41725	44650	43045	39480	37765	34860	33990	32300	29540	28310
24	36705	39008	41810	44735	42880	39400	37915	35010	33990	32170	29470	28180
25	36855	39085	41890	44905	42800	39400	37765	35150	33920	31960	29405	28120
26	37005	39162	41970	44990	42800	39240	37690	35150	33920	31750	29405	28180
27	37080	39240	42130	45170	42715	39240	37457	35300	33850	31680	29405	27980
28	37155	39320	42295	45170	42545	39085	37305	35300	33885	31610	29405	27985
29	37230	39400	42460	45255	42380	38930	37080	35300	33635	31540	29470	27920
30	37380	39560	42545	45340	.....	38850	36930	35300	33560	31480	29610	27860
31	37460	.....	42630	45255	.....	38850	.....	35300	.....	31480	29540	.....

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR ENDERS
Sec. 10-5-37 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	10	10	10	88	146	142	184	76	75	96	85
2	10	11	10	10	89	146	143	146	76	70	109	85
3	10	11	10	10	88	146	143	146	76	69	110	84
4	11	12	10	10	87	146	143	147	76	63	107	79
5	12	11	10	10	87	146	143	147	76	62	90	79
6	11	10	11	10	86	144	143	147	76	64	90	79
7	10	10	10	10	107	144	144	147	76	65	87	79
8	10	10	10	10	127	144	144	147	75	67	87	80
9	11	10	10	10	125	146	144	147	76	70	92	80
10	11	10	10	10	122	144	146	146	75	73	92	80
11	10	10	10	10	121	144	144	143	75	76	93	79
12	10	10	10	10	122	146	144	144	75	84	92	78
13	10	10	10	10	124	143	144	146	75	92	87	76
14	10	10	10	10	124	143	118	144	75	92	85	76
15	10	10	10	10	132	143	13	130	75	84	84	74
16	10	10	10	10	148	143	11	76	76	82	87	67
17	10	10	10	11	147	143	10	110	79	75	87	67
18	10	10	10	10	146	142	11	146	82	75	87	67
19	10	10	10	11	144	142	10	141	76	76	81	67
20	11	11	10	12	144	143	10	68	76	75	76	71
21	10	11	10	12	144	144	11	11	76	75	72	75
22	10	11	10	12	144	146	10	10	76	86	67	81
23	10	11	10	12	143	146	23	10	75	92	67	90
24	10	11	10	13	143	146	95	30	73	92	64	85
25	10	10	10	15	142	144	143	62	73	83	63	79
26	10	10	10	17	142	144	143	69	80	71	70	76
27	11	10	10	20	144	143	142	72	80	83	75	77
28	10	10	10	30	146	143	142	75	79	87	81	77
29	11	10	10	40	146	143	142	75	78	84	87	78
30	11	10	10	68	.....	143	143	75	77	82	86	73
31	11	.....	10	90	.....	143	.....	75	.....	84	85	.....
Mean	10	10	10	17	126	144	101	106	76	78	85	77
Max.	12	12	11	90	148	146	146	147	82	92	110	90
Min.	10	10	10	10	86	142	10	10	73	62	63	67
A.F.	637	615	611	1050	7240	8860	6040	6500	4540	4780	5230	4610

Total acre-feet 50710

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER NEAR HAMLET
Sec. 29-5-34 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	39	40	37	30	95	165	176	182	104	90	94	117
2	38	41	36	27	96	165	173	173	102	91	106	114
3	38	41	36	30	97	163	173	174	102	86	118	111
4	38	41	35	32	98	160	171	174	102	86	120	111
5	39	41	36	33	99	164	169	174	101	80	121	106
6	39	41	36	34	99	163	167	173	100	77	103	103
7	38	39	36	35	99	165	169	172	100	79	107	100
8	38	39	33	36	114	163	167	174	99	79	107	100
9	36	39	28	38	133	165	164	172	98	82	106	98
10	37	39	35	40	134	165	161	170	97	84	114	98
11	36	39	41	44	134	164	164	169	96	85	112	98
12	36	39	37	43	134	168	161	169	94	89	115	98
13	38	39	35	43	136	166	158	169	94	94	125	98
14	38	38	25	44	138	165	158	169	94	107	106	96
15	38	39	20	41	138	164	137	170	94	106	103	94
16	38	38	25	41	144	165	76	184	92	98	102	94
17	39	35	35	41	159	165	65	122	92	96	104	88
18	39	41	35	41	162	165	60	140	92	86	106	87
19	39	40	25	42	161	164	54	170	98	84	104	86
20	40	39	19	41	159	164	55	169	93	83	99	85
21	41	39	21	41	160	170	54	124	92	83	94	88
22	42	38	24	30	160	172	53	84	93	82	91	93
23	41	38	27	25	161	178	52	70	92	89	88	97
24	41	39	30	30	162	173	51	69	89	99	87	106
25	41	40	35	33	162	172	101	68	86	99	86	102
26	41	39	37	37	161	172	155	87	85	93	82	97
27	42	39	38	40	162	174	163	105	91	78	84	95
28	42	39	39	45	164	175	167	100	91	86	188	94
29	42	38	40	55	168	177	171	104	92	96	121	94
30	41	38	40	70	---	178	173	104	91	97	158	95
31	40	---	37	90	---	178	---	104	---	94	118	---
Mean	39	39	33	40	138	168	131	142	95	89	109	98
Max.	42	41	41	90	168	178	176	184	104	107	168	117
Min.	36	35	19	25	95	160	51	68	85	77	82	85
A.F.	2410	2330	2010	2480	7910	10330	7770	8700	5640	5470	6690	5840

Total acre-feet 67580

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER AT PALISADE
Sec. 36-5-34 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	45	41	40	30	98	172	167	179	100	88	89	103
2	43	40	39	30	102	171	166	171	95	84	98	101
3	43	42	39	33	105	169	166	170	96	81	110	100
4	43	42	38	35	106	167	163	170	96	84	114	99
5	45	42	39	36	107	167	160	169	95	84	116	95
6	45	43	39	37	108	166	158	169	94	78	108	93
7	43	42	39	38	109	165	157	169	93	81	104	92
8	42	42	38	40	116	165	159	170	93	81	105	90
9	42	42	32	42	143	165	160	170	92	82	102	89
10	42	42	37	45	146	166	160	167	96	82	109	88
11	41	42	46	48	151	167	160	165	96	83	108	93
12	41	42	45	47	151	170	160	165	95	86	109	98
13	43	42	42	47	152	171	160	164	94	79	117	97
14	42	41	35	47	152	170	160	164	93	87	97	96
15	42	40	25	49	151	170	153	165	93	88	92	96
16	41	39	30	48	153	173	105	187	91	85	88	96
17	40	35	40	49	169	176	84	139	91	82	91	91
18	41	37	40	50	171	174	77	136	83	75	93	89
19	40	43	30	51	171	176	72	171	87	71	91	88
20	41	41	24	49	169	176	69	174	87	77	93	87
21	42	41	26	48	169	179	70	138	91	75	92	86
22	41	40	28	35	169	183	69	109	92	72	91	88
23	42	40	31	30	170	186	66	82	88	77	88	86
24	41	41	35	35	171	189	64	74	83	93	87	91
25	42	41	40	38	169	189	67	69	88	95	86	91
26	42	41	42	41	169	182	143	83	88	95	83	86
27	43	40	43	43	171	179	153	100	90	89	82	84
28	43	40	44	45	172	176	158	99	89	84	169	83
29	42	39	45	50	174	173	162	101	88	91	116	82
30	42	39	45	66	---	171	166	102	88	93	143	83
31	41	---	40	72	---	169	---	102	---	91	105	---
Mean	42	41	37	44	147	173	132	142	92	83	102	91
Max.	45	43	46	72	174	189	167	187	100	95	169	103
Min.	40	35	24	30	98	165	64	69	83	71	82	82
A.F.	2590	2420	2290	2690	8460	10660	7840	8710	5440	5130	6300	5440

Total acre-feet 67970

BUREAU OF IRRIGATION

565

DISCHARGE IN SECOND-FEET OF FRENCHMAN RIVER AT CULBERTSON
Sec. 17-3-31 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	121	65	119	63	155	237	242	237	157	31	30	108
2	121	80	116	62	169	242	237	265	124	38	30	90
3	124	85	110	58	173	230	234	281	98	30	30	80
4	118	81	108	70	173	210	230	263	98	27	32	78
5	114	84	111	70	175	220	224	240	98	27	37	70
6	123	92	105	71	175	237	224	234	91	24	39	60
7	130	98	96	73	163	224	222	234	80	25	41	58
8	106	102	96	76	167	234	224	230	73	24	39	57
9	86	105	92	80	164	242	224	230	66	25	37	55
10	86	110	84	82	200	242	224	220	60	22	36	58
11	80	114	97	89	200	250	212	224	58	22	39	56
12	70	111	116	94	205	260	215	232	53	27	39	52
13	66	108	111	98	212	255	215	220	51	29	51	49
14	62	106	98	102	224	240	217	212	46	36	43	49
15	61	105	76	105	220	237	220	217	42	34	37	53
16	83	106	78	111	217	237	200	224	39	39	35	57
17	102	106	84	111	234	271	153	242	38	37	35	49
18	102	98	90	115	247	271	146	207	36	34	34	47
19	97	96	72	117	247	268	142	237	35	30	30	46
20	84	103	60	126	242	268	137	265	35	25	27	45
21	75	113	61	124	242	271	142	294	35	24	33	44
22	60	118	62	90	232	255	144	263	35	23	34	44
23	54	111	63	80	234	242	140	205	37	24	35	41
24	54	118	64	90	232	245	138	186	32	27	39	41
25	54	114	67	100	230	247	137	175	30	28	37	41
26	72	111	68	110	224	258	173	175	30	28	36	41
27	65	114	68	125	227	258	212	175	29	29	35	41
28	56	118	70	130	245	255	224	203	30	30	36	39
29	52	121	73	131	250	278	224	165	28	31	396	39
30	56	123	76	131	-----	281	227	165	29	32	204	37
31	64	-----	70	147	-----	271	-----	155	-----	29	167	-----
Mean	84	104	86	98	210	250	197	222	56	29	57	54
Max.	130	123	119	147	250	281	242	294	157	39	396	108
Min.	52	65	60	58	155	210	137	155	28	22	27	37
A.F.	5150	6180	5280	6010	12100	15340	11700	13640	3360	1770	3520	3220

Total acre-feet 87270

DISCHARGE IN SECOND-FEET OF GERING DRAIN NEAR GERING
Sec. 6-21-54 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	44	43	41	35	31	29	30	26	72	43	75	80
2	44	42	41	34	32	29	31	26	72	50	73	82
3	44	44	41	33	31	30	32	27	56	50	73	85
4	41	43	44	34	32	30	30	27	43	44	72	90
5	48	44	44	33	32	29	30	28	42	43	66	84
6	49	41	41	34	31	29	30	29	48	46	70	84
7	44	43	40	32	29	30	29	29	36	54	73	84
8	44	44	39	31	29	31	29	36	33	54	72	84
9	44	41	37	30	29	31	29	42	43	57	70	84
10	44	41	36	31	29	31	28	81	35	58	68	90
11	43	41	36	31	29	30	29	100	35	63	70	91
12	47	40	34	31	29	34	29	124	46	70	63	95
13	47	41	34	31	29	31	28	81	54	72	58	91
14	44	41	34	31	29	29	28	47	51	58	56	86
15	45	39	34	31	29	29	28	39	52	62	52	99
16	45	37	34	31	29	29	28	57	65	70	57	91
17	46	37	32	29	29	29	27	62	60	65	65	88
18	45	38	34	29	29	29	26	69	57	70	62	90
19	44	39	33	29	29	31	26	48	57	73	63	90
20	44	38	32	29	28	30	26	46	62	66	65	88
21	42	39	35	27	28	30	26	41	66	70	72	84
22	43	38	35	27	28	31	25	42	84	66	72	86
23	41	36	37	28	27	32	25	63	58	66	77	101
24	43	37	37	28	27	32	24	74	149	63	78	97
25	44	37	37	29	27	30	24	51	65	66	77	81
26	45	35	37	29	28	29	24	316	50	72	77	86
27	46	37	38	28	28	32	23	126	590	72	86	97
28	47	37	39	28	28	32	23	90	74	72	88	120
29	46	37	38	29	28	33	24	73	75	68	91	129
30	44	41	38	29	28	32	28	82	50	78	88	118
31	43	-----	37	30	-----	32	-----	63	-----	75	88	-----
Mean	44	40	37	30	29	30	27	66	76	62	72	92
Max.	49	44	44	35	32	34	32	316	590	78	91	129
Min.	41	35	32	27	27	29	23	26	33	43	52	80
A.F.	2740	2360	2280	1870	1670	1870	1620	4040	4540	3840	4400	5480

Total acre-feet 36710

DISCHARGE IN SECOND-FEET OF HORSE CREEK NEAR LYMAN
Sec. 25-23-58 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	142	57	44	25	38	64	131	20	327	330	109	127
2	130	56	44	25	40	42	119	18	322	305	108	119
3	122	65	39	30	41	34	116	16	312	248	108	132
4	121	66	40	33	34	41	103	15	217	223	113	146
5	118	62	40	35	36	46	96	14	160	324	125	159
6	129	58	38	33	31	78	98	14	120	189	119	175
7	113	57	34	31	31	106	96	23	114	184	118	181
8	108	60	31	28	31	113	87	20	94	165	113	184
9	102	58	31	28	33	80	29	73	135	110	175	180
10	98	58	37	29	42	122	81	141	66	108	119	180
11	93	58	36	29	50	127	83	238	95	83	127	180
12	92	56	38	31	38	98	80	195	65	108	131	176
13	91	56	39	31	38	85	78	187	60	110	135	174
14	87	54	27	32	28	100	80	170	58	116	127	166
15	84	54	25	25	25	112	77	131	80	99	125	172
16	80	48	25	34	25	120	74	110	79	93	109	166
17	77	49	30	28	35	126	73	168	92	88	106	169
18	77	50	32	28	50	126	64	192	92	88	104	166
19	77	48	30	31	52	139	55	142	101	90	99	143
20	75	52	25	31	61	130	46	118	103	87	92	146
21	73	49	30	26	61	126	43	112	120	91	92	152
22	73	48	35	13	65	109	41	148	147	90	94	138
23	71	45	38	15	58	106	38	172	119	93	110	148
24	70	46	31	22	29	84	33	223	142	83	110	147
25	67	45	30	30	23	106	28	271	286	90	125	144
26	66	46	30	34	50	112	24	271	256	93	113	159
27	68	48	30	34	53	143	24	334	708	93	114	175
28	67	47	34	34	70	163	22	334	572	96	118	180
29	65	47	36	36	57	165	21	350	442	94	130	152
30	62	45	36	36	-----	159	20	374	413	96	126	132
31	60	-----	27	38	-----	144	-----	355	-----	103	112	-----
Mean	89	53	34	30	42	108	67	158	194	135	114	159
Max.	142	66	44	38	70	165	131	374	708	330	135	184
Min.	60	45	25	13	23	34	20	14	58	83	92	119
A.F.	5470	3150	2070	1810	2430	6640	3990	9730	11570	8320	7020	9450

Total acre-feet 71650

DISCHARGE IN SECOND-FEET OF
INDIAN CREEK NEAR
NORTHPORT—Sec. 19-20-50 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	5	25	31	18	36
2	6	28	17	19	36
3	6	22	20	16	41
4	13	21	25	18	39
5	15	25	28	22	37
6	24	25	25	23	33
7	30	12	24	20	36
8	32	19	34	21	34
9	28	9	15	19	35
10	24	9	16	19	27
11	21	9	11	20	25
12	11	20	15	24	27
13	16	8	21	30	31
14	9	9	28	30	28
15	26	15	17	31	28
16	15	31	21	24	35
17	39	25	28	23	26
18	31	30	21	21	32
19	15	21	27	21	38
20	21	25	27	32	39
21	22	21	27	30	26
22	13	2	25	29	30
23	14	15	18	32	34
24	23	1	14	33	32
25	28	2	14	32	35
26	18	11	27	32	35
27	36	18	24	22	34
28	42	6	19	25	27
29	32	20	24	34	30
30	26	35	17	29	27
31	27	-----	24	30	-----
Mean	22	17	22	25	32
Max.	42	35	31	34	41
Min.	5	1	11	16	25
A.F.	1320	1030	1360	1550	1930

DISCHARGE IN SECOND-FEET OF
LINCOLN COUNTY DRAIN NO. 1
NEAR NORTH PLATTE
Sec. 30-14-30 W.
Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	33	35	94	108	102
2	32	35	89	107	96
3	32	36	93	127	100
4	32	37	98	117	105
5	34	36	96	116	113
6	33	40	97	113	108
7	33	44	102	116	104
8	33	44	98	114	102
9	32	45	99	110	99
10	32	44	96	108	100
11	32	44	94	120	98
12	32	48	96	108	105
13	32	52	97	107	103
14	31	53	103	102	98
15	34	56	107	102	93
16	34	59	107	86	98
17	34	62	105	89	93
18	32	62	102	93	91
19	32	66	105	97	97
20	34	79	109	98	103
21	35	79	107	96	97
22	37	83	102	86	91
23	35	84	96	85	96
24	36	85	98	88	91
25	38	84	100	92	93
26	38	78	98	89	92
27	39	79	100	93	93
28	36	90	104	97	85
29	36	82	107	99	83
30	35	91	108	98	82
31	34	-----	107	104	-----
Mean	34	60	100	102	97
Max.	39	91	109	127	113
Min.	31	35	89	85	82
A.F.	2090	3600	6180	6280	5770

BUREAU OF IRRIGATION

567

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK NEAR BUSHNELL
Sec. 33-15-57 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	12	11	11	13	14	15	12	11	5	5	6
2	11	12	11	11	13	12	14	12	10	6	6	6
3	12	13	10	11	14	13	14	11	10	6	5	5
4	12	14	11	11	14	13	14	11	10	6	5	5
5	13	14	11	11	13	14	14	11	9	6	6	5
6	15	13	11	10	14	16	14	10	9	6	6	5
7	15	13	7	11	14	16	13	10	8	6	6	5
8	14	13	7	11	14	16	13	11	7	6	6	5
9	14	13	8	10	14	16	13	11	7	6	6	5
10	14	12	10	10	14	16	13	11	7	6	6	5
11	13	12	11	10	14	16	13	11	7	6	7	5
12	13	12	12	10	14	15	14	11	6	5	7	5
13	13	12	12	11	14	13	14	10	6	6	7	6
14	13	11	10	11	13	16	13	10	5	7	6	6
15	12	12	9	11	13	15	13	9	6	7	6	6
16	12	10	10	11	13	14	13	11	5	6	6	6
17	12	10	11	11	15	15	13	12	6	6	6	6
18	12	10	11	11	15	14	12	12	6	5	6	6
19	13	11	10	11	12	15	12	11	6	6	6	6
20	13	12	8	12	12	14	12	11	6	6	6	6
21	13	12	9	11	14	12	12	11	5	6	6	6
22	13	12	10	9	14	9	13	11	5	6	6	6
23	13	12	10	10	14	11	13	13	5	6	6	6
24	13	12	10	11	12	15	12	14	6	5	8	6
25	13	12	10	11	12	17	11	13	6	5	7	6
26	13	12	10	11	14	18	11	12	7	5	6	6
27	13	12	11	11	16	17	11	12	6	5	6	6
28	13	11	12	11	16	16	11	12	5	5	6	6
29	13	11	12	12	14	16	11	11	5	5	6	6
30	13	11	12	12	.....	15	12	11	5	5	6	6
31	13	11	12	11	.....	15	13	11	5	5	6	6
Mean	13	12	10	11	14	15	13	11	7	6	6	6
Max.	15	14	12	12	16	18	15	14	11	7	8	6
Min.	11	10	7	9	12	9	11	9	5	5	5	5
A.F.	795	710	632	667	789	901	760	693	403	343	368	335

Total acre-feet 7400

OLIVER RESERVOIR STORAGE IN ACRE-FEET
From Lodgepole Creek—Sec. 36-15-57 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2
3	3930	.....	.....	4910	.....	.....	5550	.....	.....	.....
4	4560	.....	.....	.....	.....	.....	2130	.....
5	3540	.....	.....	.....	.....	.....	5450	.....	.....	.....	.....
6
7	3120	.....	.....
8
9	3240	.....	.....	4290	.....	.....	.....	.....	5490	.....	.....	.....
10	5000	.....	.....	.....	.....	.....	.....
11	4650	.....	.....	.....	.....	.....	1890	880
12
13	3670	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	4340	.....	.....	.....	.....	.....	2920	.....	.....
15	5380	5450	.....	.....	.....	.....
16
17	3070	.....	4070	.....	.....	5110	.....	.....	4520	.....	.....	960
18
19	3730	.....	.....	4740	.....	.....	5480	.....	.....	1250	.....
20
21	5400	.....	.....	2960	.....	.....
22	3280	.....	.....	4410	.....	.....	.....	.....	.....	.....	.....	.....
23
24	3640	.....	.....	1020
25	970	.....
26	3830	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27
28	4480	.....	.....	.....	.....	.....	2650	.....	.....
29	1080
30	3420	.....	.....	.....	.....	.....	.....	.....	3430	.....	.....	1090
31	4210	.....	.....	5270	.....	.....	.....	.....	.....	.....

REPORT OF THE STATE ENGINEER

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, 1952

Day	May	June	July	Aug.	Sept.
1	4	4	5	5	4
2	4	4	5	4	4
3	4	4	4	4	4
4	4	1	4	4	4
5	4	1	4	4	3
6	4	5	4	4	3
7	4	5	4	4	3
8	4	5	4	4	3
9	4	4	4	4	3
10	3	4	4	4	3
11	3	5	5	4	3
12	3	5	5	5	9
13	3	5	5	4	4
14	7	5	4	4	4
15	5	6	4	4	3
16	7	6	4	4	3
17	7	5	2	4	2
18	7	5	2	4	2
19	4	5	3	4	3
20	4	5	3	4	3
21	4	4	4	4	3
22	4	4	3	4	2
23	4	4	3	4	2
24	5	4	3	4	2
25	5	5	3	4	2
26	6	5	3	4	2
27	6	4	2	4	1
28	6	5	5	5	1
29	5	5	5	5	1
30	5	4	5	5	1
31	4	4	5	5	3
Mean	5	7	4	4	9
Max.	7	6	5	5	9
Min.	2	1	2	4	1
A.F.	280	260	240	260	170

DISCHARGE IN SECOND-FEET OF
LODGEPOLE CREEK ABOVE
BENNETT RESERVOIR
East Line Sec. 29-15-55 W.

Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	7	5	2	1	1
2	7	2	2	1	1
3	7	3	1	1	1
4	7	0	1	1	1
5	7	0	2	1	0
6	1	0	3	1	0
7	1	0	3	1	0
8	1	0	3	1	0
9	1	1	3	1	0
10	2	1	3	1	0
11	1	0	3	1	0
12	1	1	4	2	0
13	1	0	4	1	1
14	0	1	27	1	1
15	0	1	10	1	2
16	3	0	4	1	1
17	6	0	5	1	1
18	6	0	1	1	1
19	8	0	1	1	1
20	9	0	1	1	1
21	10	0	1	0	1
22	11	0	1	0	4
23	12	0	0	1	2
24	11	0	0	1	2
25	9	0	0	1	2
26	9	1	0	1	2
27	10	1	0	1	1
28	3	1	1	1	1
29	3	1	0	1	2
30	4	1	0	1	2
31	4	1	1	1	1
Mean	5	1	3	1	1
Max.	12	5	27	1	2
Min.	0	0	0	1	0
A.F.	310	40	170	60	60

BENNETT RESERVOIR STORAGE IN ACRE-FEET
A-657, A-1974 on Lodgepole Creek—Sec. 22-15-55 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3			980		840							
4												
5		1010										
6												
7						1050						
8												
9	1000			790								
10						800						
11					850							
12												
13		1000						940				
14				820								
15						1110						
16												
17	1070		840		840	890						
18												
19		980										
20												
21							1150					
22	1130			830								
23												
24						920						
25												
26		960										
27												
28				830								
29	1070											
30												300
31			830			1010						

BUREAU OF IRRIGATION

569

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK AT RALTON
 Sec. 12-12-45 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	31	28	26	9	24	26	33	25	36	33	4	1
2	30	28	26	9	25	22	32	24	33	26	4	1
3	30	28	25	12	26	19	31	23	33	23	4	1
4	30	30	25	12	24	23	32	19	31	20	5	1
5	35	28	25	12	28	28	30	19	29	19	4	1
6	41	29	22	12	24	30	29	19	27	19	4	1
7	39	29	14	12	24	31	28	18	25	17	4	1
8	35	29	17	12	24	31	27	22	23	16	4	1
9	33	28	17	20	24	39	27	23	21	18	4	1
10	30	28	18	20	24	39	27	23	18	18	4	1
11	32	28	18	20	24	36	27	23	18	17	4	1
12	30	28	19	20	25	30	27	17	12	17	4	1
13	30	28	21	20	26	32	26	14	9	16	4	1
14	29	27	15	20	24	35	25	14	8	18	3	1
15	29	27	15	20	21	25	25	14	8	16	3	1
16	28	23	22	17	23	24	28	17	7	15	1	1
17	25	21	18	16	24	32	28	27	7	14	2	1
18	26	23	16	17	28	36	26	37	7	13	2	1
19	27	24	14	18	15	38	25	46	7	10	2	1
20	27	27	10	18	20	40	25	56	7	11	1	1
21	27	27	10	13	24	22	26	59	7	12	1	1
22	28	27	9	10	24	27	28	51	7	11	1	1
23	28	27	9	10	24	31	32	54	6	10	1	1
24	28	27	9	13	14	32	31	48	6	8	1	1
25	27	27	9	16	17	24	29	45	6	7	1	1
26	28	27	9	18	20	34	28	46	8	6	1	1
27	28	28	9	18	24	35	26	46	11	5	1	1
28	29	26	9	18	28	45	24	43	14	5	1	1
29	29	27	9	21	24	47	23	44	17	5	1	1
30	28	27	9	22	40	47	24	53	23	5	2	1
31	28	27	9	23	-----	36	-----	44	-----	4	1	-----
Mean	30	27	16	16	23	32	28	33	16	14	2	1
Max.	41	30	26	23	28	47	33	59	36	33	5	1
Min.	25	21	9	9	14	19	23	14	6	4	1	1
A.F.	1830	1600	958	998	1340	1960	1640	2010	931	861	153	58

Total acre-feet 14330

DISCHARGE IN SECOND-FEET OF LOGAN CREEK NEAR UEHLING
 Sec. 16-20-8 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	183	164	175	104	200	494	924	210	290	216	145	153
2	178	162	185	83	572	252	600	212	271	194	142	128
3	187	155	193	95	724	180	504	214	260	181	139	120
4	1540	145	180	98	992	232	489	206	280	165	137	115
5	1080	145	165	99	544	213	442	189	310	162	136	113
6	452	160	158	101	482	220	394	183	346	165	145	109
7	297	168	160	99	440	196	367	248	360	1430	144	109
8	263	200	142	98	460	195	360	358	360	1430	144	108
9	242	200	120	100	497	204	410	367	330	525	137	102
10	230	180	100	100	513	272	390	293	240	293	132	99
11	216	167	85	93	531	451	370	265	210	226	157	99
12	206	169	70	97	538	504	469	230	190	198	140	98
13	200	171	70	103	618	4940	600	212	176	191	122	99
14	200	162	85	104	834	2000	617	198	162	415	124	105
15	220	153	102	108	664	1000	431	193	158	351	120	101
16	236	145	129	112	499	550	346	250	157	222	115	101
17	196	135	144	112	405	350	319	286	153	165	112	99
18	187	130	122	111	377	210	276	147	169	169	111	98
19	185	194	110	120	400	170	312	226	142	162	130	95
20	200	190	106	135	368	150	310	208	150	157	306	99
21	226	140	106	150	202	130	323	204	344	150	238	99
22	224	150	98	150	218	120	418	1660	295	148	153	102
23	220	150	100	155	318	110	492	6430	210	142	126	101
24	208	150	100	160	290	102	351	2060	174	140	116	99
25	202	160	100	150	238	100	299	929	165	136	120	94
26	189	160	103	145	224	98	267	634	147	131	128	92
27	191	160	103	140	343	95	250	614	1850	132	125	90
28	183	160	99	138	1000	92	234	600	1150	132	136	90
29	183	160	102	136	1030	90	216	436	521	131	164	88
30	180	170	102	134	-----	4010	210	348	269	128	236	86
31	167	-----	104	134	-----	2440	-----	317	-----	132	212	-----
Mean	286	162	120	118	501	651	401	615	327	275	148	103
Max.	1540	200	193	160	1030	4940	924	6430	1850	1430	306	153
Min.	167	130	70	83	200	90	210	183	142	128	111	86
A.F.	17600	9630	7370	7270	28800	40010	23850	37800	19470	16940	9110	6130

Total acre-feet 223980

DISCHARGE IN SECOND-FEET OF LONG PINE CREEK NEAR RIVERVIEW
Sec. 5-31-20 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	148	140	179	140	127	138	199	195	125	132	102	106
2	143	138	172	145	148	132	165	244	132	122	106	114
3	158	143	158	155	162	127	175	224	127	122	162	116
4	172	130	179	125	138	120	162	195	138	116	125	110
5	155	125	165	120	190	118	140	175	135	120	112	108
6	138	135	172	125	151	110	138	143	104	114	114	106
7	138	140	168	120	179	118	145	132	116	116	601	110
8	127	135	165	110	182	122	151	158	130	120	269	106
9	135	140	143	132	186	140	145	199	127	116	151	114
10	132	148	148	125	211	172	148	203	125	118	127	106
11	130	145	151	132	239	254	140	203	114	118	148	106
12	135	145	162	127	269	286	151	175	130	116	132	110
13	138	140	162	112	351	143	158	135	122	112	125	114
14	148	135	150	122	234	127	165	132	114	120	127	108
15	155	140	150	130	148	130	151	135	130	120	125	110
16	148	138	150	130	155	138	145	234	130	118	120	125
17	143	127	150	114	151	168	151	680	122	125	132	118
18	145	130	150	114	138	269	162	609	130	127	122	110
19	140	125	150	114	127	351	158	326	125	108	130	110
20	143	132	150	106	100	525	162	220	140	106	120	112
21	143	138	150	104	102	454	175	195	140	106	118	112
22	145	135	150	100	102	207	303	234	135	110	110	112
23	148	130	150	95	102	172	315	480	151	116	114	114
24	165	127	150	100	102	165	249	644	140	110	120	114
25	186	130	150	100	102	172	216	376	140	108	127	110
26	172	140	150	110	108	175	175	229	135	110	130	116
27	165	148	150	106	118	211	162	179	145	104	140	114
28	158	148	150	118	135	303	148	158	138	102	118	104
29	155	145	150	138	140	370	145	140	138	104	108	112
30	148	140	155	132	-----	315	135	135	122	106	114	114
31	145	-----	130	127	-----	244	-----	132	-----	106	108	-----
Mean	148	137	155	120	159	209	171	246	130	114	144	111
Max.	186	148	179	155	351	525	315	680	151	132	601	125
Min.	127	125	130	95	100	110	135	132	104	102	102	104
A.F.	9130	8160	9540	7390	9120	12840	10180	15110	7740	7040	8840	6630

Total acre-feet 111720

DISCHARGE IN SECOND-FEET OF LOUP RIVER NEAR GENOA
Sec. 25-17-4 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	64	58	165	280	800	2500	1810	953	124	52	42	42
2	105	185	134	285	910	2780	1650	934	111	32	41	56
3	105	1160	122	285	1130	2250	1400	915	138	38	41	71
4	116	1950	138	245	1350	1770	1240	943	154	28	35	50
5	134	1860	124	270	1520	1000	1160	897	116	17	39	41
6	165	1260	171	285	1700	1400	1090	729	128	16	44	39
7	118	526	416	295	1800	1700	1000	654	120	55	496	31
8	67	1270	2840	305	1790	2000	1020	654	103	45	1020	24
9	76	769	2300	320	2050	3080	1360	654	79	24	238	29
10	82	333	1900	335	2290	4340	1490	632	103	20	91	24
11	74	173	1630	355	2800	4770	1230	591	94	19	77	28
12	64	157	1560	380	3320	4890	1150	449	96	18	53	25
13	68	148	1450	405	3300	4630	1230	342	89	32	51	29
14	64	128	500	440	3650	4180	1200	274	76	128	52	29
15	57	126	150	480	4260	3080	1110	230	46	136	50	30
16	74	290	88	540	4850	2300	1100	320	37	237	53	36
17	77	2390	80	625	3910	2100	1120	361	58	84	79	35
18	100	2370	78	680	3580	2900	1150	654	58	68	105	33
19	74	2010	95	685	3440	3200	1420	584	64	58	82	29
20	79	1960	120	700	3000	2060	1440	370	94	43	65	29
21	68	1720	160	850	1800	1000	1540	380	92	46	51	23
22	57	2390	196	1050	1250	650	2000	818	52	56	41	21
23	85	2800	237	1130	900	410	2160	810	43	55	36	22
24	89	2740	245	1110	580	300	2090	640	56	47	28	24
25	82	2470	263	720	1100	3000	1710	333	55	44	74	25
26	74	2300	282	530	1960	5290	1450	224	58	49	79	25
27	64	2210	300	450	1860	4860	1290	591	131	49	74	21
28	68	2180	290	335	1950	2600	1130	1290	81	56	91	15
29	60	714	275	350	2250	1860	1090	802	45	74	84	14
30	52	324	260	630	-----	1640	1030	338	42	67	96	19
31	56	-----	265	720	-----	1670	-----	162	-----	51	52	-----
Mean	82	1299	543	518	2245	2587	1382	597	85	56	112	31
Max.	165	2800	2840	1130	4850	5290	2160	1290	154	237	1020	71
Min.	52	58	78	245	580	300	1000	162	37	16	28	14
A.F.	5030	77300	33390	31870	129100	159100	81020	36730	5040	3460	6860	1820

Total acre-feet 570720

BUREAU OF IRRIGATION

571

DISCHARGE IN SECOND-FEET OF LOUP RIVER AT COLUMBUS
Sec. 30-17-1 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	229	254	723	500	750	2370	2000	1450	400	206	111	203
2	240	262	570	530	821	2690	1600	1480	366	193	118	176
3	247	897	505	492	984	2840	1430	1340	356	156	140	203
4	418	1760	342	558	1450	1590	1280	1270	342	178	113	190
5	390	2000	316	440	1580	1300	1210	1310	342	143	118	184
6	356	1830	371	455	1650	1730	1050	1010	324	138	125	176
7	361	451	451	468	1930	1750	1040	1040	307	203	181	181
8	294	1710	1210	441	2180	2590	1140	916	262	723	1700	151
9	512	943	2690	442	2420	2630	1230	863	222	426	692	167
10	258	916	2260	471	2610	3970	1430	633	226	233	262	167
11	270	320	1840	475	3146	4320	1180	619	240	226	236	163
12	258	316	1730	460	3540	4320	1360	564	226	212	247	151
13	254	302	1690	482	3160	4870	1410	451	196	262	212	151
14	240	294	1600	488	3840	4700	1360	418	184	599	233	153
15	236	278	302	538	4520	3100	1300	423	153	544	212	143
16	216	240	230	561	4620	2420	1260	598	145	598	219	156
17	226	1150	275	734	3970	3300	1280	584	135	282	236	156
18	219	2630	253	733	3430	3190	1400	755	156	229	302	158
19	236	2350	226	732	3100	3370	1620	1350	164	216	445	153
20	225	1920	250	731	2770	1920	1760	872	236	203	316	148
21	220	2010	280	914	2070	1080	2000	854	247	167	290	145
22	225	2230	302	1080	1690	820	2440	1080	209	200	262	138
23	230	2500	350	1140	1480	630	2590	1880	187	187	286	133
24	240	2460	395	1100	785	538	2750	1140	184	181	258	130
25	250	2350	454	935	1440	3230	2080	1040	203	178	469	118
26	260	2100	498	600	1900	4430	1950	723	206	143	633	121
27	260	1950	559	558	2130	4120	2000	880	320	143	311	113
28	262	1540	502	488	1950	2560	1600	2060	274	107	333	100
29	262	1400	480	488	2030	2080	1460	1770	371	138	342	92
30	254	880	435	545	-----	2160	1330	692	203	118	352	92
31	254	-----	440	662	-----	1900	-----	434	-----	125	244	-----
Mean	271	1341	727	621	2343	2662	1587	984	246	247	323	150
Max.	512	2630	2690	1140	4620	4870	2750	2060	400	723	1700	203
Min.	216	240	226	440	750	538	1040	418	135	107	111	92
A.F.	16670	79820	44690	38170	134800	163700	94410	60490	14650	15190	19630	8930

Total acre-feet 691350

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR SENECA
Sec. 17-24-31 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	186	188	186	150	213	184	307	215	202	188	181	196
2	186	178	184	160	218	186	277	213	204	184	186	191
3	196	178	184	179	215	184	264	213	194	181	204	194
4	204	171	199	170	215	191	248	215	194	181	186	184
5	199	176	207	174	213	186	264	215	194	184	188	191
6	194	188	213	186	210	196	254	213	196	186	191	199
7	196	194	184	184	218	194	248	215	196	181	188	215
8	194	202	184	194	224	181	242	221	194	184	186	204
9	191	215	188	181	227	194	227	215	188	186	184	199
10	184	215	184	175	233	191	230	204	196	188	191	194
11	181	221	186	175	224	194	230	213	196	184	199	194
12	178	213	191	175	258	184	210	202	202	196	191	191
13	171	210	188	175	251	178	236	204	199	204	191	207
14	184	210	176	175	236	176	224	199	199	196	186	210
15	221	215	180	175	215	176	218	202	194	199	181	202
16	191	199	180	175	210	176	230	218	181	196	184	199
17	174	188	180	175	210	180	227	236	184	202	178	184
18	168	196	180	175	207	180	218	248	194	196	181	188
19	171	196	180	175	207	188	233	242	199	204	188	191
20	168	199	180	175	207	185	236	230	210	202	194	196
21	181	199	180	175	207	185	242	233	202	196	194	196
22	186	196	180	175	207	180	245	224	210	194	186	199
23	186	194	180	170	207	185	251	230	188	186	186	213
24	194	196	180	178	202	200	230	239	196	184	191	207
25	186	194	180	190	204	215	230	224	199	178	194	202
26	184	204	180	190	204	236	233	213	207	184	194	202
27	181	215	180	188	210	251	230	202	199	186	188	213
28	186	207	180	188	184	204	213	204	191	188	199	218
29	188	202	180	188	184	200	213	202	186	188	199	215
30	176	199	180	196	-----	321	221	202	191	186	202	218
31	181	-----	180	218	-----	318	-----	199	-----	181	189	-----
Mean	186	199	185	179	214	206	238	216	196	189	190	200
Max.	221	221	213	218	258	321	307	248	210	204	204	218
Min.	168	171	176	150	184	176	210	199	181	178	178	184
A.F.	11440	11820	11350	11010	12340	12680	14140	13300	11670	11650	11680	11820

Total acre-feet 145000

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT DUNNING
Sec. 33-22-24 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	367	376	431	294	416	370	536	400	355	367	333	361
2	379	364	415	301	420	364	469	388	367	370	341	367
3	391	361	394	497	447	341	469	382	370	355	379	355
4	394	382	376	497	421	341	460	388	373	350	364	358
5	367	382	385	504	424	336	447	382	352	350	364	352
6	330	370	415	490	412	355	450	379	344	355	352	355
7	352	376	391	482	418	350	455	412	344	361	352	352
8	394	379	358	493	400	385	489	391	347	347	364	336
9	394	397	358	464	437	394	447	406	344	355	352	336
10	391	385	400	436	437	400	409	379	336	358	361	347
11	385	394	403	468	437	412	379	370	341	355	397	355
12	388	403	397	425	418	421	412	394	341	382	385	347
13	397	403	415	425	437	403	428	391	338	447	367	358
14	406	388	366	468	453	394	424	385	347	403	370	364
15	388	400	337	461	424	406	421	391	347	350	367	341
16	397	367	378	403	431	440	479	489	341	350	364	338
17	385	355	421	403	409	456	444	450	330	344	367	347
18	382	358	411	367	409	485	415	453	325	344	364	352
19	376	391	367	371	403	499	440	472	338	350	358	350
20	385	388	302	346	358	506	437	447	379	330	382	338
21	397	415	290	297	379	492	453	444	367	333	373	333
22	370	385	320	210	385	360	424	460	352	330	355	325
23	385	388	360	140	376	450	403	447	376	320	352	330
24	388	364	456	212	358	540	428	440	358	322	361	327
25	406	367	422	270	361	600	406	463	370	317	367	333
26	415	409	394	295	364	492	403	479	391	330	373	330
27	385	382	383	305	367	463	394	364	391	327	379	333
28	391	391	384	342	379	479	388	364	367	333	364	322
29	421	409	401	349	350	509	382	350	364	344	355	327
30	434	431	445	371	.....	519	397	350	367	325	361	336
31	400	.....	438	396	.....	579	.....	361	.....	330	364	.....
Mean	588	385	388	380	404	437	433	409	355	349	364	344
Max.	434	431	456	504	453	600	536	489	391	447	397	367
Min.	330	355	290	140	350	336	379	350	325	317	333	322
A.F.	23880	22930	23830	23370	23270	26860	25760	23130	21152	21490	22390	20440

Total acre-feet 280500

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR MILBURN
Sec. 15-21-22 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	888	614	932	736	938	794	834	702	719	723
2	856	500	929	648	947	728	834	710	728	723
3	744	718	904	704	929	719	834	689	808	719
4	788	860	885	752	880	744	820	689	782	714
5	754	872	858	763	848	749	827	680	770	710
6	808	850	880	774	956	744	808	670	770	723
7	728	799	876	653	965	775	782	656	775	710
8	733	860	950	724	1030	782	759	656	754	680
9	827	754	857	960	766	896	788	749	680	744	666
10	782	759	770	942	712	938	754	744	689	775	677
11	728	820	756	934	694	938	765	728	680	834	706
12	714	775	860	932	722	1040	808	733	693	827	723
13	739	580	842	873	822	1060	820	710	744	754	744
14	744	490	1050	834	827	1000	794	714	733	759	759
15	782	460	1120	804	928	1050	808	714	706	765	719
16	689	460	918	804	820	1040	1030	706	680	744	714
17	719	485	864	841	929	1110	896	680	684	719	749
18	820	540	836	804	947	1100	848	684	673	714	739
19	904	520	893	720	1090	1140	888	697	680	693	723
20	929	440	864	711	1050	1050	856	788	673	697	719
21	840	400	792	761	795	1120	834	770	677	706	759
22	820	500	274	864	685	929	834	759	666	677	775
23	880	620	262	904	1000	912	880	765	673	693	794
24	929	780	443	788	1200	947	827	739	673	723	786
25	947	904	785	880	1180	872	848	706	680	733	801
26	840	844	1020	966	974	801	1040	719	684	728	801
27	848	783	1110	948	965	754	865	723	693	723	801
28	808	798	1110	794	1080	759	788	719	702	723	775
29	788	840	1060	772	1140	733	834	733	719	733	794
30	827	920	976	.....	1190	754	856	728	697	733	801
31	962	998	.....	1150	.....	820	.....	710	723	.....
Mean	814	701	824	864	885	948	823	750	688	743	741
Max.	947	962	1120	966	1200	1140	1040	834	744	834	801
Min.	689	400	262	711	648	733	719	680	656	677	666
A.F.	35510	43110	50640	49690	54390	56400	50610	44640	42330	45670	44090

BUREAU OF IRRIGATION

573

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT WALWORTH
Sec. 1-19-20 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	813	822	736	987	1120	555	885	985	752	710	727	710
2	831	786	840	678	1070	615	925	955	770	736	744	686
3	831	876	744	674	1100	695	996	915	795	727	849	670
4	795	885	831	799	1000	795	975	925	831	694	804	678
5	718	945	867	894	1000	850	935	905	813	694	795	678
6	694	822	985	924	962	922	945	867	786	702	840	678
7	770	736	996	890	962	985	1070	905	744	710	831	686
8	813	840	905	890	969	1010	1030	885	736	670	858	670
9	804	813	920	902	1020	985	955	831	718	686	795	662
10	804	813	890	850	1020	1040	849	744	718	694	786	686
11	840	786	780	829	1060	975	945	718	744	694	849	694
12	885	736	600	983	1100	1010	925	770	727	702	840	718
13	955	736	500	975	1020	975	895	795	761	804	804	761
14	935	686	450	1000	1130	876	975	831	761	858	752	770
15	945	736	400	1250	975	831	1070	876	761	778	761	736
16	975	710	415	1170	849	849	985	1030	761	727	736	761
17	915	736	438	1060	1080	925	965	1020	702	727	718	770
18	975	813	493	1040	1110	822	895	945	686	736	736	778
19	945	849	462	1050	1080	752	778	996	710	718	727	744
20	935	795	390	1060	1070	895	858	1040	813	718	718	744
21	885	736	351	915	994	876	965	985	786	718	710	761
22	965	822	428	652	1000	694	867	1060	770	694	662	727
23	955	804	548	400	931	900	945	905	761	686	615	727
24	1010	804	686	500	884	1200	1020	965	752	694	622	744
25	915	800	886	640	936	1180	1010	945	702	694	662	761
26	865	760	862	921	855	1110	1030	905	702	710	630	770
27	867	718	876	1070	750	945	975	736	727	622	786	786
28	867	615	849	1190	670	1030	1020	752	752	702	662	795
29	925	638	364	1190	590	1100	985	761	710	710	686	804
30	867	630	979	1140	-----	1190	955	786	727	710	736	822
31	831	-----	1110	1150	-----	1070	-----	761	-----	702	718	-----
Mean	876	775	712	926	978	924	954	895	757	717	742	733
Max.	1010	945	1110	1250	1130	1200	1070	1060	831	858	858	822
Min.	694	615	351	400	590	555	778	718	686	670	615	662
A.F.	53850	46110	43800	56910	56150	56840	56780	55020	44600	44100	45610	43590

Total acre-feet 603360

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT ARCADIA
Sec. 26-17-16 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	661	804	919	747	1100	530	1350	1210	602	483	440	560
2	738	738	847	853	1110	563	1180	1160	668	452	458	581
3	847	771	995	668	1060	690	1040	1000	691	489	514	574
4	910	1040	919	598	1060	780	995	856	706	464	534	547
5	771	1160	847	722	1030	900	956	795	763	412	489	547
6	684	1200	891	877	1010	980	901	891	676	401	470	567
7	691	1060	1030	929	1030	1070	938	919	610	452	508	560
8	771	891	874	911	1030	1160	1020	947	588	477	501	501
9	838	804	738	952	1080	1260	1110	891	560	477	489	501
10	891	730	650	977	1000	1420	956	838	501	464	489	508
11	873	889	559	1010	1030	1370	901	938	514	464	508	527
12	985	1020	624	957	1070	1150	1170	830	501	495	567	554
13	1000	1020	514	957	914	1210	1400	771	477	508	595	581
14	1040	862	410	1050	1190	1420	1240	787	489	684	560	661
15	910	796	310	1080	980	1410	1130	891	489	676	560	676
16	966	744	230	1200	824	1390	1130	1090	483	661	554	638
17	966	684	180	1260	833	1360	1250	1300	489	567	521	631
18	919	697	426	1190	858	1280	1130	1120	452	534	508	653
19	956	767	693	1140	902	1240	1150	1170	440	514	508	684
20	873	761	881	1210	720	1160	1170	1220	489	501	501	691
21	812	697	864	1140	720	1160	1190	1310	588	508	489	691
22	873	659	880	990	840	985	1170	1220	560	452	477	746
23	856	626	910	522	1000	985	1020	1060	567	423	495	691
24	838	605	890	263	1200	1670	901	1060	547	423	440	676
25	873	637	880	356	1260	1640	919	995	567	418	470	661
26	947	770	860	540	1160	1510	947	928	514	418	464	646
27	1040	857	859	772	1200	1080	966	1480	567	418	418	617
28	985	896	842	1010	742	985	985	966	554	452	477	602
29	891	936	789	1100	432	1040	1150	821	521	470	477	588
30	838	1040	794	1130	-----	1060	1170	763	470	452	477	574
31	821	-----	742	1140	-----	1170	-----	706	-----	446	527	-----
Mean	873	838	737	911	978	1150	1087	998	555	486	500	608
Max.	1040	1200	1030	1260	1260	1670	1400	1480	763	684	595	746
Min.	661	605	180	263	432	530	901	706	440	401	418	501
A.F.	53680	49850	45320	56030	56260	70710	64690	61350	33010	29860	30710	36170

Total acre-feet 587640

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT LOUP CITY
Sec. 14-15-15 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	998	1040	1010	840	1200	590	1440	1030	886	510	370	643
2	1010	872	998	900	1180	640	1410	970	774	444	433	695
3	1140	872	984	750	1150	500	1440	928	630	444	558	708
4	1380	984	928	660	1120	630	1330	858	630	444	630	689
5	1430	830	900	800	1090	750	1080	858	747	390	594	618
6	1360	1080	970	920	1080	950	970	914	546	360	546	594
7	1120	984	1100	980	1100	1120	984	1070	570	488	606	570
8	844	970	1050	980	1130	1240	970	1140	546	466	606	546
9	914	830	870	1000	1150	1380	1140	1070	558	422	606	534
10	956	734	740	1030	1070	1500	970	914	558	390	606	522
11	942	802	630	1040	1100	1460	816	774	534	380	606	510
12	872	872	700	1020	1360	1300	1070	734	510	380	643	499
13	1000	774	590	1030	1280	1410	1060	858	444	444	708	510
14	1100	708	480	1100	1400	1500	1100	928	455	594	695	522
15	1030	721	380	1170	1200	1490	900	886	444	695	669	582
16	956	721	310	1270	1000	1460	900	1080	433	643	656	582
17	1190	625	250	1300	1040	1420	1380	1430	466	534	630	582
18	1330	560	210	1260	1070	1390	1260	1360	444	477	558	582
19	1180	575	390	1210	1100	1340	998	1410	411	444	522	594
20	928	550	780	1300	740	1290	928	1410	422	422	488	570
21	774	610	820	1230	470	1250	1100	970	522	466	455	594
22	802	650	840	1140	560	1200	1330	1140	570	455	466	630
23	788	690	860	700	1100	1200	1120	1070	582	455	522	656
24	802	730	840	450	1300	1800	914	1120	558	422	570	630
25	760	800	830	590	1330	1700	1070	1340	594	350	546	630
26	774	890	820	760	1360	1570	1120	1650	618	350	546	630
27	900	940	760	910	1390	1430	1040	2070	682	350	522	606
28	816	980	860	1100	1020	816	844	1360	695	380	522	582
29	774	1060	840	1180	560	844	816	1240	630	411	522	558
30	872	984	840	1200	-----	1060	900	1130	522	422	558	534
31	928	840	840	1220	-----	1280	-----	984	-----	390	618	-----
Mean	928	815	755	1021	1089	1210	1080	1119	566	456	567	589
Max.	1430	1080	1100	1300	1400	1800	1440	2070	886	695	708	708
Min.	760	550	210	450	470	500	818	734	411	350	370	499
A.F.	60630	48470	46450	61530	62620	74400	64260	68820	33680	27420	34860	35070

Total acre-feet 618410

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, AT ST. PAUL
Sec. 10-14-10 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	956	1220	982	1030	1570	892	1510	1220	1020	733	446	640
2	969	1270	1020	902	1640	784	1480	1340	906	640	478	670
3	1010	1160	1320	953	1580	565	1320	1340	858	650	486	660
4	1220	876	1260	1060	1610	1090	1280	1200	777	562	537	890
5	1300	896	1030	838	1580	1510	1130	1060	777	546	510	610
6	1350	944	1020	812	1560	1680	1030	1050	918	468	537	600
7	1200	1480	900	960	1590	2040	1030	1120	766	591	502	582
8	969	1500	870	1090	1640	2460	1010	1170	722	810	591	555
9	1020	1410	820	1080	1630	2040	1070	1190	744	700	620	555
10	1050	894	780	1040	1650	1850	1190	1170	755	690	591	584
11	1070	1050	740	1080	1670	1700	1320	1070	670	800	690	555
12	1230	1100	650	1120	1430	1600	1280	995	620	555	630	546
13	1070	1260	510	1120	1850	1700	1450	918	610	600	670	546
14	1170	1350	360	1170	2440	1800	1340	969	546	1290	766	630
15	1320	1160	300	1230	2050	1900	1320	1030	519	1130	766	660
16	1090	933	250	1260	2070	2250	1320	1380	494	956	744	744
17	1220	880	189	1250	1860	2570	1650	1580	510	788	690	711
18	1190	935	155	1330	1580	2610	1730	1400	519	711	640	640
19	1060	1010	225	1580	1180	2130	1510	1100	462	660	564	630
20	1060	1450	272	1600	984	2230	1610	1260	402	650	537	670
21	1050	1430	375	1500	1010	1400	1460	1630	502	630	528	711
22	1160	1330	588	1500	722	684	1680	1820	373	640	528	722
23	1410	1430	736	1420	732	398	1530	1770	600	610	510	766
24	1450	1420	701	1260	1140	686	1260	1400	573	519	537	766
25	1430	1340	866	840	1320	900	1030	1240	573	438	564	755
26	1510	1210	820	635	1480	1300	1030	1320	630	430	564	755
27	1510	1510	760	596	1300	1820	956	2250	846	409	537	733
28	1400	1670	712	724	1350	1840	1070	2190	822	430	600	722
29	1030	1710	881	975	1350	1400	1050	1410	846	494	630	766
30	1050	1580	945	1230	-----	1530	1120	1240	777	494	630	733
31	1100	-----	949	1440	-----	1460	-----	1190	-----	478	610	-----
Mean	1181	1247	709	1118	1502	1581	1292	1323	678	643	588	663
Max.	1510	1710	1320	1600	2440	2610	1730	2250	1020	1290	766	766
Min.	956	876	155	596	722	398	956	918	402	409	446	546
A.F.	72600	74200	43610	68720	86420	97190	76890	81370	40340	39550	36160	39450

Total acre-feet 756500

BUREAU OF IRRIGATION

575

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, AT TAYLOR
 Sec. 22-21-18 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	499	516	611	496	721	528	1000	539	556	316	173	258
2	494	441	636	485	734	517	901	556	539	308	185	273
3	528	462	636	529	710	439	817	539	522	265	251	258
4	556	480	574	519	706	415	723	516	522	248	224	266
5	516	480	568	532	725	474	676	510	478	231	244	262
6	467	556	580	555	744	584	703	505	426	218	258	262
7	467	522	574	570	713	685	751	522	391	238	261	262
8	483	528	499	573	704	720	689	562	373	224	296	241
9	483	539	396	592	711	716	624	574	365	221	261	234
10	505	539	379	614	703	682	528	611	342	215	296	231
11	505	539	373	648	758	669	605	586	312	205	355	238
12	539	562	362	651	862	744	636	545	316	202	431	244
13	556	556	312	625	817	650	611	545	300	302	421	266
14	550	550	198	665	809	605	624	528	273	406	378	325
15	574	556	137	763	788	723	662	516	277	321	350	304
16	568	460	218	763	802	744	669	822	281	266	316	304
17	539	420	317	741	780	780	737	886	248	234	285	288
18	533	480	496	700	696	643	758	802	221	215	288	273
19	556	600	579	700	600	689	751	744	228	205	288	262
20	539	556	570	616	450	847	723	710	281	199	304	252
21	562	589	527	567	350	766	802	802	316	199	373	241
22	550	562	500	340	450	500	1000	855	325	190	342	269
23	574	580	486	354	500	300	723	780	321	182	292	285
24	593	516	496	445	550	650	636	795	421	173	273	277
25	586	510	506	598	500	1000	662	758	391	168	277	277
26	550	599	520	578	580	809	630	744	416	163	258	285
27	533	624	517	591	676	832	593	723	436	168	228	277
28	545	630	503	600	712	670	550	676	446	173	231	269
29	580	624	540	612	568	901	528	624	362	185	255	266
30	556	636	544	636	-----	942	510	611	359	176	262	266
31	505	-----	525	704	-----	1010	-----	574	-----	176	248	-----
Mean	536	541	474	592	670	691	727	647	368	226	289	267
Max.	593	636	636	763	862	1010	1000	866	556	406	431	325
Min.	467	420	137	340	350	300	510	505	221	163	173	631
A.F.	32960	32180	29140	36420	38520	42510	43280	39790	21930	13910	17740	15900

Total acre-feet 364280

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, AT SCOTIA
 Sec. 8-17-12 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	900	1120	1280	918	1140	1010	1500	1050	912	700	285	499
2	900	996	1250	785	1270	950	1500	1080	856	663	271	499
3	912	972	1250	835	1340	900	1480	1100	801	584	343	506
4	1100	780	1210	893	1450	530	1450	1020	780	544	492	544
5	1140	750	1180	934	1510	700	1430	984	801	464	437	552
6	1070	889	1190	958	1500	900	1400	936	780	450	444	560
7	1010	900	1180	1000	1550	1100	1280	972	720	478	478	544
8	984	900	952	1020	1560	1200	1310	984	654	450	576	520
9	948	948	794	1030	1460	1300	1220	1100	645	424	592	478
10	900	960	787	1020	1510	1400	1100	1090	645	373	609	444
11	889	1020	784	960	1570	1400	1080	1090	618	343	627	464
12	912	1030	717	1020	1550	1330	1160	1020	576	379	654	471
13	924	1110	688	1030	1580	1270	1220	960	544	361	720	499
14	1010	1110	420	1050	1720	1080	1150	924	499	457	750	536
15	1080	1080	175	1130	1720	1050	1050	899	444	592	700	600
16	1050	1020	196	1160	1710	1480	1020	1050	411	544	681	618
17	1070	1030	231	1260	1690	1390	1100	1720	418	492	663	645
18	1070	1010	280	1210	1600	1470	1250	1770	411	437	636	645
19	1030	966	491	1230	1480	1330	1120	1680	373	379	627	645
20	1100	966	739	1340	1270	1400	1240	1590	444	355	609	645
21	1100	945	802	1370	1080	1400	1270	1520	568	337	592	645
22	1120	945	821	1110	858	1300	1270	1690	618	331	592	654
23	1190	937	806	675	982	800	1360	1660	618	325	560	663
24	1220	927	815	600	1200	1070	1310	1520	568	305	499	672
25	1210	1010	837	600	1110	1070	1310	1520	552	290	492	681
26	1210	1050	844	600	1070	1280	1280	1450	584	275	478	663
27	1250	1030	845	821	972	1000	1190	1480	672	257	464	654
28	1160	1060	905	915	1010	940	1110	1340	834	262	457	636
29	1140	1100	1010	980	1090	1000	1050	1120	780	275	485	609
30	1150	1190	1080	1030	-----	1150	984	1060	740	290	492	600
31	1100	-----	938	1060	-----	1350	-----	972	-----	285	492	-----
Mean	1059	991	822	986	1364	1147	1240	1236	629	410	542	580
Max.	1250	1190	1280	1370	1720	1480	1500	1770	912	700	750	681
Min.	889	750	175	600	858	530	984	889	373	257	271	444
A.F.	65120	58970	50570	60620	78450	70510	73770	76010	37420	25190	33320	34490

Total acre-feet 664440

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR COTESFIELD
Sec. 7-16-11 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	960	1140	1160	890	1130	1030	1530	1040	951	700	277	598
2	978	1000	1250	834	1270	1080	1450	1090	888	598	305	604
3	1120	1000	1300	762	1370	860	1400	1650	825	604	423	598
4	1150	950	1250	852	1390	500	1380	933	772	565	523	578
5	1130	850	1160	840	1440	600	1300	924	843	494	637	578
6	1080	1000	1230	858	1500	800	1200	933	798	505	624	565
7	1110	1040	1190	888	1590	1120	1200	996	798	529	624	553
8	1030	1020	1110	888	1540	1400	1170	1000	716	500	716	541
9	996	987	864	930	1600	1700	1180	1070	665	450	716	523
10	978	1010	921	979	1720	2050	1130	1030	658	400	700	517
11	969	924	1060	966	1730	1550	1120	1030	658	360	672	499
12	1000	960	1010	992	1820	1420	1080	924	630	370	637	499
13	1030	1060	702	1030	1720	1400	1080	969	617	380	700	483
14	1050	1020	382	1050	1660	1440	1090	969	541	460	798	483
15	1010	1040	154	1070	1640	1580	1120	924	470	550	764	517
16	1010	1060	169	1200	1550	1780	1130	1030	400	490	732	572
17	1120	1040	236	1230	1650	1860	1160	1700	400	449	693	578
18	1140	987	277	1260	1480	1430	1170	1800	400	418	658	565
19	1090	978	500	1320	1440	1310	1130	1700	380	331	604	559
20	1070	948	762	1280	1370	1400	1170	1600	360	305	584	598
21	1000	900	843	1280	780	1490	1330	1500	520	301	578	624
22	1170	832	826	1110	890	1400	1640	1700	604	301	617	637
23	1040	972	850	904	1120	800	1400	1650	617	273	630	637
24	1060	913	778	616	1220	1100	1460	1600	624	261	559	658
25	1050	986	819	616	1070	1100	1130	1550	624	260	572	644
26	1130	1060	840	686	1170	1300	1150	1500	700	250	591	637
27	1150	1000	870	796	1170	1050	1330	1500	748	289	547	651
28	1100	1020	918	882	1030	950	1380	1400	724	258	541	672
29	1100	1090	938	954	1110	1040	1140	1090	764	269	572	651
30	1120	1150	900	1010	-----	1180	1010	1010	700	261	572	637
31	1140	-----	870	1070	-----	1400	-----	969	-----	277	578	-----
Mean	1066	998	843	969	1385	1261	1238	1232	646	403	605	582
Max.	1170	1150	1300	1320	1820	2050	1640	1800	951	700	798	672
Min.	960	832	154	816	780	500	1010	924	360	250	277	483
A.F.	65580	59380	51850	59590	79680	77550	73710	75750	38470	24750	37180	34620

Total acre-feet 678110

DISCHARGE IN SECOND-FEET OF LOUP RIVER, NORTH, NEAR ST. PAUL
Sec. 22-15-10 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	955	1090	1130	907	1170	1080	1480	1000	894	758	270	627
2	942	980	1130	872	1230	1080	1380	1040	882	656	270	627
3	955	992	1200	843	1320	755	1370	1040	870	617	297	607
4	1100	918	1200	846	1370	437	1350	1000	802	570	420	598
5	1140	769	1200	872	1440	536	1240	955	802	509	468	579
6	1130	918	1260	899	1510	536	1170	894	738	476	400	579
7	1100	905	1370	906	1490	778	1160	1000	685	656	492	526
8	1020	882	1320	920	1550	1220	1140	1040	675	553	588	526
9	992	1020	1060	941	1550	1590	1170	1090	675	500	685	535
10	1000	1020	1000	964	1560	1650	1000	1170	656	436	675	535
11	1000	1070	990	950	1570	1990	942	1140	636	372	675	544
12	1000	1090	994	950	1500	2540	1060	1100	627	400	656	535
13	955	1140	755	987	1610	3450	1100	1030	588	393	675	553
14	992	1180	394	1020	1780	2570	1110	1020	544	484	738	579
15	1070	1200	131	1050	1880	1830	1090	980	484	570	790	579
16	1020	1140	140	1140	1560	1720	1100	1030	420	598	738	656
17	1090	980	187	1290	1540	1760	1180	1280	406	535	656	646
18	1090	870	364	1300	1610	1740	1420	1650	406	468	666	646
19	1090	894	562	1310	1640	1510	1370	1500	386	420	627	617
20	1090	942	810	1360	1220	1600	1350	1550	372	372	636	588
21	1100	824	920	1380	712	1690	1450	1650	553	346	617	607
22	1110	848	868	1200	915	1600	1600	1780	685	334	607	636
23	1070	882	810	922	854	650	1690	1810	685	334	636	617
24	1090	942	881	613	1170	1200	1380	1620	685	315	588	598
25	1100	992	911	576	1180	1140	1340	1450	675	309	627	607
26	1100	1200	904	656	1170	1400	1340	1340	790	297	570	598
27	1130	1230	919	798	1120	1030	1170	1530	832	280	553	607
28	1110	1180	880	864	1090	955	1040	1480	942	264	570	607
29	1100	1220	890	1020	1090	1020	968	1180	955	280	588	607
30	1100	1130	811	1080	-----	1280	992	1080	905	288	617	607
31	1060	-----	918	1090	-----	1480	-----	992	-----	288	617	-----
Mean	1058	1015	871	988	1359	1413	1238	1239	677	441	581	592
Max.	1140	1230	1370	1380	1880	3450	1690	1810	955	758	790	656
Min.	942	769	131	576	712	437	942	894	372	264	270	526
A.F.	65060	60390	53570	60750	78150	86910	73690	76170	40270	27120	35750	35250

Total acre-feet 693080

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, NEAR CUMRO
 Sec. 4-12-18 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	161	180	145	200	168	226	157	142	109	92	114
2	138	155	175	127	215	142	210	158	141	108	92	113
3	138	152	170	127	230	110	202	160	140	108	100	110
4	146	148	170	145	247	95	202	163	136	106	99	109
5	149	150	170	146	220	160	192	161	136	104	100	109
6	152	152	175	146	210	180	189	158	138	103	101	109
7	150	155	180	148	220	193	183	165	140	114	103	106
8	147	155	150	152	230	199	181	161	138	109	109	106
9	149	157	140	153	226	205	181	165	134	106	105	108
10	147	155	126	153	224	240	177	161	132	105	109	101
11	144	155	127	148	216	241	174	161	129	100	114	99
12	144	153	119	155	220	241	177	157	124	101	125	97
13	147	161	100	158	228	235	177	157	119	104	142	94
14	168	161	75	158	239	243	174	158	118	121	136	99
15	165	158	90	163	230	233	172	157	114	113	131	100
16	160	155	114	173	224	261	167	161	109	113	125	103
17	157	144	109	190	220	275	170	163	108	106	120	101
18	157	138	123	248	220	261	168	165	108	103	115	101
19	157	140	125	264	204	233	187	160	106	99	113	100
20	158	137	126	270	181	224	167	161	106	95	110	100
21	160	126	125	280	176	210	181	163	108	95	108	104
22	161	131	121	185	173	205	189	168	112	99	108	106
23	160	137	122	130	178	200	192	165	112	100	108	103
24	158	138	125	102	166	220	179	157	112	103	108	104
25	160	153	128	109	164	260	172	150	112	97	109	106
26	161	160	132	118	171	230	168	152	112	95	101	105
27	170	165	136	130	164	212	165	161	117	92	99	106
28	168	170	140	150	176	226	160	157	115	95	104	106
29	167	170	145	180	188	230	158	150	114	97	105	105
30	170	175	148	190	-----	237	155	149	113	103	110	104
31	165	-----	150	195	-----	239	-----	147	-----	93	110	-----
Mean	155	152	136	166	206	213	179	159	122	103	110	104
Max.	170	175	180	280	247	275	226	168	142	121	142	114
Min.	138	126	75	102	164	95	155	147	106	92	92	94
A.F.	9550	9060	8360	10190	11820	13110	10660	9770	7230	6340	6770	6200

Total acre-feet 109060

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, AT RAVENNA
 Sec. 17-12-14 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	195	208	153	222	194	293	223	185	116	79	105
2	166	185	202	156	240	179	262	229	172	110	80	100
3	156	180	198	144	246	129	268	217	188	110	82	100
4	166	170	202	139	252	161	253	202	168	108	82	94
5	166	185	202	151	252	180	244	208	162	105	84	93
6	168	208	211	153	264	224	238	208	160	102	81	89
7	166	205	214	155	280	356	205	226	160	128	90	88
8	170	202	200	153	302	439	209	217	156	126	94	85
9	168	188	180	149	318	466	235	211	152	122	96	84
10	168	188	172	142	336	437	214	195	148	108	93	82
11	162	182	158	144	339	470	232	198	146	105	92	82
12	160	185	131	149	347	393	229	188	144	100	92	83
13	160	182	100	152	351	440	229	176	130	117	92	86
14	170	192	104	153	321	321	226	164	120	391	110	84
15	174	200	89	157	307	307	211	160	116	126	114	85
16	174	198	76	166	286	388	226	200	111	99	102	85
17	174	188	90	166	286	375	208	168	114	100	102	86
18	174	193	120	210	259	363	220	170	111	96	99	85
19	178	183	135	216	243	355	208	172	111	90	93	84
20	185	174	139	216	228	286	300	185	111	93	93	82
21	188	169	135	140	222	268	241	185	120	86	93	82
22	188	159	135	130	213	260	262	198	124	80	87	83
23	182	167	135	120	201	250	282	190	128	83	92	85
24	192	167	139	108	189	270	279	176	126	83	93	84
25	198	172	135	109	180	310	256	185	122	78	98	89
26	195	180	149	133	176	400	253	188	130	78	94	90
27	205	186	150	187	176	314	241	730	168	77	93	88
28	200	190	160	207	182	265	235	293	150	76	93	90
29	200	195	164	202	198	272	226	241	128	77	102	90
30	202	202	162	202	-----	253	220	208	124	80	104	88
31	202	-----	157	206	-----	300	-----	192	-----	83	102	-----
Mean	177	186	153	160	256	310	240	216	140	108	94	88
Max.	205	208	214	216	351	470	300	730	188	391	114	105
Min.	148	159	76	100	176	129	205	160	111	76	79	82
A.F.	10900	11050	9430	9850	14710	19090	14290	13300	8300	6610	5750	5220

Total acre-feet 128500

DISCHARGE IN SECOND-FEET OF LOUP RIVER, SOUTH, AT ST. MICHAEL
Sec. 12-11-13 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	190	230	245	173	271	232	344	250	238	138	83	114
2	190	216	245	171	295	213	323	245	221	132	85	114
3	192	206	250	176	320	164	296	233	218	129	86	113
4	202	200	250	173	303	194	286	223	223	126	86	111
5	211	190	250	181	328	280	290	218	206	122	86	108
6	223	210	245	182	337	357	286	221	204	122	91	108
7	233	230	245	193	328	386	260	235	199	146	98	105
8	223	206	230	193	354	493	260	226	190	142	102	100
9	218	218	230	193	373	525	290	218	187	140	104	95
10	214	221	230	193	383	630	274	218	174	134	104	94
11	214	226	230	193	400	680	277	226	170	132	108	92
12	211	226	230	193	398	624	290	230	166	122	110	92
13	214	226	230	195	398	672	290	230	156	137	113	95
14	214	228	230	194	396	604	290	235	148	520	119	98
15	214	216	196	208	398	470	290	238	140	252	135	100
16	214	210	184	230	361	428	290	250	127	206	126	104
17	206	210	166	230	361	475	277	252	121	190	121	104
18	199	200	160	230	345	563	316	247	119	156	111	104
19	197	200	164	215	316	563	356	238	121	146	110	104
20	197	214	163	194	274	470	456	245	121	130	110	104
21	211	206	177	179	236	423	392	250	132	121	104	108
22	216	200	193	148	231	326	384	269	134	104	103	111
23	216	190	191	137	231	320	341	252	138	94	105	114
24	206	190	167	185	214	350	312	255	135	90	107	111
25	202	200	163	195	223	400	306	269	130	82	108	111
26	206	220	172	187	246	574	312	269	134	80	104	114
27	221	240	180	213	248	446	312	858	190	79	103	111
28	216	245	184	238	246	390	289	330	170	78	105	107
29	216	226	182	258	247	348	269	266	160	79	111	110
30	216	230	175	260	-----	372	252	258	146	85	111	110
31	228	171	-----	260	-----	376	-----	245	-----	86	107	-----
Mean	211	214	204	199	312	430	307	264	164	139	105	106
Max.	233	245	250	280	400	680	456	858	238	520	135	114
Min.	190	190	160	137	214	164	252	218	119	78	83	92
A.F.	12950	12750	12550	12240	17970	26460	18290	16260	9750	8530	6460	6280

Total acre-feet 160490

DISCHARGE IN SECOND-FEET OF MAPLE CREEK NEAR NICKERSON
Sec. 11-18-8 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	33	25	51	17	45	47	251	59	59	43	18	80
2	33	28	50	15	120	53	157	58	53	38	18	60
3	33	22	51	16	170	52	124	57	51	33	28	52
4	108	20	49	16	215	50	113	57	49	28	85	49
5	265	18	44	17	295	51	100	54	47	26	83	47
6	105	45	40	17	233	52	89	54	45	24	54	44
7	52	40	39	18	199	36	87	58	44	28	50	39
8	50	37	37	17	169	34	87	71	45	107	45	31
9	44	30	36	17	151	32	93	69	44	153	44	30
10	42	29	33	18	125	38	92	66	44	111	29	26
11	40	30	32	18	65	42	93	65	42	49	23	24
12	38	31	26	19	53	44	108	54	41	21	23	22
13	35	32	23	19	50	191	176	52	38	88	24	22
14	33	33	18	19	49	224	159	52	37	90	24	23
15	30	32	18	20	60	224	112	52	35	235	24	24
16	28	26	18	21	82	136	96	147	31	136	24	24
17	31	20	18	23	52	87	93	192	28	56	24	23
18	32	19	21	24	50	108	84	126	27	38	24	23
19	34	24	19	24	40	146	82	65	26	30	68	23
20	27	21	18	25	37	118	81	63	28	35	160	23
21	32	30	17	20	52	94	85	101	43	31	100	23
22	39	30	18	15	82	42	86	210	36	26	80	22
23	36	22	18	13	72	16	84	351	35	23	65	20
24	44	21	18	15	62	9	129	271	32	20	62	19
25	28	20	18	17	55	12	96	122	29	19	63	19
26	25	44	18	20	49	20	75	81	28	18	65	18
27	26	52	18	29	38	39	72	87	102	18	65	19
28	25	54	17	38	38	38	69	167	369	17	70	19
29	33	53	17	38	45	75	61	111	154	18	90	19
30	29	53	17	39	-----	77	61	69	54	18	135	19
31	28	-----	17	41	-----	305	-----	64	-----	18	110	-----
Mean	46	31	27	22	95	80	103	100	56	52	57	30
Max.	265	54	51	41	295	305	251	351	369	235	160	80
Min.	25	18	17	13	37	9	61	52	26	17	18	18
A.F.	2850	1870	1660	1320	5460	4940	6140	6160	3360	3180	3520	1760

Total acre-feet 42200

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK AT MAYWOOD
 Sec. 21-8-29 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	24	28	11	30	29	28	36	19	12	172	21
2	21	23	28	15	30	27	28	36	19	12	159	21
3	21	23	28	19	31	28	28	30	18	11	28	19
4	22	24	26	16	31	28	26	27	17	11	21	18
5	26	24	25	16	30	28	25	25	17	11	24	16
6	31	25	27	18	29	30	25	24	17	11	24	16
7	28	26	30	22	29	26	28	25	16	12	21	15
8	25	26	28	28	29	27	28	25	17	12	19	15
9	24	26	27	30	28	34	26	25	17	12	18	14
10	23	26	27	23	29	60	25	29	17	12	17	14
11	22	26	28	30	29	41	25	27	15	12	18	14
12	22	26	25	29	29	33	26	24	14	12	18	14
13	23	28	27	29	31	39	27	23	14	20	17	14
14	28	27	24	32	33	31	26	22	13	38	16	15
15	29	25	26	43	31	31	25	21	13	23	16	15
16	26	24	20	46	29	37	36	26	13	19	15	15
17	24	23	19	27	28	58	38	35	13	17	15	15
18	24	23	18	27	28	51	32	30	12	15	15	15
19	24	25	18	27	28	39	28	27	12	14	15	15
20	24	23	13	28	27	36	27	25	12	14	15	16
21	24	24	10	25	28	33	38	24	13	16	15	17
22	27	25	12	22	26	35	44	29	13	15	14	18
23	27	24	17	30	25	42	34	28	13	14	15	18
24	26	24	16	21	25	37	29	25	12	13	16	17
25	25	25	15	24	20	38	27	23	12	12	16	17
26	24	27	18	29	22	35	25	21	13	12	16	17
27	29	28	15	30	31	34	24	21	11	11	15	17
28	28	28	16	28	32	36	24	20	13	11	19	16
29	27	28	22	29	29	37	23	19	13	11	22	16
30	26	28	20	28	28	34	25	18	12	11	23	16
31	25	16	28	28	28	32	19	19	11	11	22	16
Mean	25	25	22	26	29	36	28	26	14	14	28	16
Max.	31	28	30	46	33	60	44	38	19	38	172	21
Min.	21	23	10	11	20	26	23	18	12	11	14	14
A.F.	1540	1500	1320	1610	1640	2190	1670	1560	859	887	1700	964

Total acre-feet 17420

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, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	53	63	64	30	100	72	65	72	53	36	67	50
2	52	63	66	35	75	70	68	77	54	35	161	44
3	52	61	66	34	64	67	66	72	53	34	169	43
4	51	61	64	42	64	60	63	66	50	34	58	41
5	58	62	64	38	63	99	63	61	50	39	52	38
6	63	62	68	42	64	122	62	60	48	25	53	38
7	63	63	64	49	63	80	62	62	46	60	49	37
8	61	63	64	51	63	64	63	61	46	41	45	35
9	60	62	60	54	63	64	60	61	46	39	42	35
10	59	62	50	50	62	152	59	61	45	38	41	34
11	58	62	65	61	63	178	60	62	44	35	79	34
12	56	62	64	60	63	91	60	59	43	38	46	34
13	59	67	62	65	66	71	60	56	41	67	40	34
14	60	67	54	74	71	75	60	56	39	316	41	35
15	68	66	51	70	70	67	60	56	39	122	40	35
16	66	62	58	71	67	84	67	64	38	56	38	35
17	62	62	75	71	66	206	73	70	38	49	38	36
18	61	65	80	66	66	169	73	73	38	44	41	36
19	60	67	70	68	66	94	70	70	38	40	39	35
20	61	67	51	62	62	79	67	63	38	40	38	36
21	62	62	52	57	63	80	73	63	39	41	38	37
22	64	62	47	21	68	70	84	68	39	44	38	38
23	64	62	49	33	61	65	82	66	38	41	40	39
24	64	62	52	61	66	100	73	63	38	38	41	38
25	64	63	54	57	55	150	71	60	38	36	42	38
26	64	61	56	59	67	83	68	56	38	35	41	37
27	67	62	57	61	58	77	67	62	44	35	40	37
28	68	64	58	70	87	77	61	58	43	34	41	37
29	67	66	60	75	91	75	61	54	39	35	46	35
30	67	64	60	86	-----	75	62	56	38	35	58	35
31	63	-----	50	90	-----	71	-----	55	-----	34	51	-----
Mean	61	63	60	57	68	93	66	63	43	52	53	37
Max.	68	67	80	90	100	206	84	77	54	316	169	50
Min.	51	61	47	21	55	60	59	54	38	25	38	34
A.F.	3750	3760	3680	3500	3880	5730	3930	3850	2540	3170	3280	2210

Total acre-feet 43280

HARRY STRUNK LAKE (FORMERLY MEDICINE CREEK RESERVOIR)
Storage in Acre-feet—Sec. 24-5-26 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	38950	39510	39880	38580	38030	38030	39230	37410	40210	40300	40660	37660
2	39045	39320	39785	38580	38030	38120	39230	37575	40300	40300	40660	37560
3	39045	39320	39785	38580	38210	38120	39230	37840	40300	40300	40850	37660
4	39230	39320	39600	38580	38120	37940	39045	37925	40300	40120	40850	37660
5	39140	39230	39600	38580	38120	38030	39045	38010	40390	40480	40850	37660
6	39230	39320	39600	38490	38030	38120	38860	38010	40480	40480	40850	37750
7	39320	39415	39510	38490	38030	38120	38950	38350	40480	40480	40650	37750
8	39415	39415	39320	38490	38120	38305	38770	38350	40660	40390	40850	37750
9	39600	39510	39140	38490	38120	38120	38580	38350	40300	40390	40755	37750
10	39690	39690	38950	38305	38210	38120	38490	38520	40300	40480	40570	37660
11	39880	39690	38860	38400	38120	38400	38580	38520	40480	40480	40390	37660
12	39785	39690	38950	38490	38120	38580	38400	38520	40480	40390	40300	37660
13	39690	39690	38950	38400	38120	38680	38490	38700	40480	40390	40120	37575
14	39510	39600	39140	38400	38120	38680	38400	38870	40480	41400	39940	37580
15	39510	39320	39040	38305	38030	38680	38305	38870	40480	41590	39850	37580
16	39510	39230	38950	38305	38120	38770	38305	38955	40570	41590	39580	37490
17	39230	38950	39140	38305	38030	38680	38210	38955	40300	41590	39580	37660
18	39230	38950	39040	38305	38305	39140	38210	39880	40300	41590	39230	37580
19	39140	39045	39040	38305	38305	39230	38210	40070	40120	41495	39050	37580
20	39230	39230	38950	38210	38120	39230	38210	40160	40120	41590	38870	37330
21	39320	39510	38770	38305	38030	39400	38210	40260	40300	41305	38700	37330
22	39415	39600	38950	38030	38120	39400	38210	40360	40300	41305	38520	37330
23	39510	39690	38860	37850	38120	39230	38210	40540	40300	41305	38520	37330
24	39690	39690	38770	38030	38120	39140	38305	40640	40300	41030	38100	37410
25	39785	39785	39675	38120	38030	39320	38305	39760	40300	41030	37520	37410
26	39690	39690	38580	38305	38030	39320	38305	39650	40300	41030	37640	37410
27	39690	39775	38580	38305	38120	39415	38305	40030	40120	40850	37840	37410
28	39785	39775	38580	38030	38030	39415	38120	40120	40300	40940	37660	37490
29	39785	39775	38675	37940	38030	39510	38030	40120	40300	40850	37580	37490
30	39880	39880	38580	37940	-----	39510	37940	40120	40300	40660	37750	37580
31	39510	-----	38675	38030	-----	39415	-----	40120	-----	40660	37840	-----

*Revised capacity table used after May 25, 1952.

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, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	4	76	85	72	66	66	88	10	22	24	53	25	
2	4	76	84	72	66	66	88	6	23	24	53	23	
3	4	69	84	72	66	66	87	4	23	23	59	18	
4	4	66	84	72	66	66	88	4	23	23	59	15	
5	4	58	83	72	66	66	88	4	24	26	61	14	
6	4	55	82	72	66	67	87	4	24	26	62	14	
7	4	40	82	72	67	67	87	4	24	31	59	14	
8	4	4	81	72	67	68	87	4	26	29	52	14	
9	4	4	80	72	68	68	87	4	25	28	83	14	
10	4	40	75	72	67	68	87	4	25	27	123	14	
11	55	63	65	71	66	68	87	4	25	26	133	14	
12	88	63	52	71	64	68	87	4	25	26	133	14	
13	86	76	52	71	68	68	87	4	26	32	129	14	
14	79	98	52	70	88	68	86	4	26	68	123	14	
15	76	115	65	70	68	68	87	4	25	71	118	21	
16	72	115	65	70	68	68	87	4	26	69	118	38	
17	71	50	65	70	68	68	87	4	23	66	111	36	
18	66	4	65	69	68	69	87	4	23	64	111	25	
19	30	4	67	69	68	69	87	4	22	60	109	25	
20	3	4	70	69	68	79	87	5	22	58	109	25	
21	4	4	70	68	68	90	87	6	23	56	109	24	
22	4	4	70	68	68	92	88	6	23	54	111	18	
23	4	4	5	70	68	67	92	87	7	23	49	109	15
24	40	6	70	68	67	92	88	9	23	46	109	14	
25	56	6	71	67	67	92	88	12	23	44	109	14	
26	58	6	71	67	66	92	88	15	22	38	106	14	
27	56	50	71	67	66	90	88	21	24	37	88	14	
28	64	85	71	67	66	90	88	20	25	36	68	14	
29	72	85	71	67	66	90	87	20	25	31	39	14	
30	76	85	71	67	-----	90	46	21	25	30	26	14	
31	76	-----	71	66	-----	90	-----	22	-----	48	25	-----	
Mean	38	47	72	70	67	76	86	8	24	41	89	18	
Max.	88	115	85	72	68	92	88	22	26	71	133	38	
Min.	3	4	52	66	64	66	46	4	22	23	25	14	
A.F.	2340	2820	4390	4280	3850	4680	5110	485	1420	520	5460	1080	

Total acre-feet 38440

DISCHARGE IN SECOND-FEET OF MEDICINE CREEK AT CAMBRIDGE
 Sec. 19-4-25 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1		5	76	86	70	70	70	95	16	21	22	50	26
2		5	76	86	70	70	70	95	11	22	22	55	25
3		5	72	87	70	70	69	95	9	22	21	60	23
4		5	65	86	72	70	69	92	8	23	20	60	16
5		5	61	86	75	69	69	92	6	24	51	60	15
6		5	53	86	75	70	69	92	5	25	27	60	14
7		5	51	85	75	70	69	93	5	25	33	60	15
8		5	10	84	75	70	70	92	5	26	31	55	15
9		5	6	83	75	70	69	91	5	25	29	80	15
10		5	20	83	75	70	69	91	5	22	28	110	15
11		34	60	74	70	70	69	91	5	22	27	130	14
12		92	60	55	68	65	70	92	4	22	26	125	14
13		94	70	55	67	72	69	92	4	22	62	122	14
14		90	94	55	68	71	68	90	4	22	143	115	14
15		82	124	60	68	71	68	90	4	21	67	112	14
16		79	124	65	69	71	69	91	5	22	67	109	36
17		77	88	65	69	71	69	91	6	18	66	107	38
18		71	4	63	69	71	68	91	5	17	63	106	28
19		53	8	65	69	70	68	91	4	17	59	104	26
20		10	7	65	69	70	74	93	5	18	57	102	25
21		8	6	70	69	70	92	92	6	25	55	101	20
22		8	6	70	65	72	95	92	7	21	53	100	15
23		7	6	70	65	72	95	89	8	21	50	99	14
24		19	6	70	70	72	94	89	9	21	46	98	14
25		54	6	70	75	75	93	88	10	22	43	99	14
26		55	8	70	75	73	91	88	23	20	40	98	14
27		55	33	70	74	71	91	87	54	23	38	91	14
28		58	87	75	72	71	93	88	19	25	37	75	14
29		70	87	75	72	70	93	88	17	24	35	47	14
30		77	87	75	71	---	93	62	20	25	33	29	14
31		76	---	70	71	---	93	---	20	---	45	26	---
Mean		39	49	73	71	71	78	90	10	22	45	85	18
Max.		94	124	87	75	75	95	95	54	26	143	130	38
Min.		5	6	55	65	65	68	62	4	17	20	26	14
A.F.		2420	2910	4480	4360	4060	4770	5370	624	1320	2770	5250	1090

Total acre-feet 39420

DISCHARGE IN SECOND-FEET OF
 MELBETA DRAIN NEAR
 MELBETA—Sec. 13-21-54 W.
 Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	3	17	26	7	24
2	3	13	21	3	24
3	3	9	23	5	24
4	3	19	18	7	23
5	2	24	15	3	17
6	2	14	9	5	26
7	2	9	16	3	23
8	3	14	15	4	23
9	3	27	11	3	18
10	3	12	9	6	16
11	2	9	3	9	13
12	2	8	1	7	17
13	3	7	6	8	18
14	20	5	22	5	13
15	9	11	15	3	15
16	10	11	21	2	14
17	10	13	11	3	18
18	13	10	11	4	18
19	12	11	6	4	19
20	15	20	5	3	20
21	10	24	10	1	22
22	14	15	8	1	20
23	25	4	7	7	19
24	10	13	3	6	26
25	15	6	8	11	24
26	17	19	5	12	23
27	18	25	3	9	29
28	4	5	12	8	29
29	16	0	14	8	31
30	19	0	12	15	9
31	15	---	8	18	---
Mean	9	12	11	6	20
Max.	25	27	26	16	31
Min.	2	0	1	1	9
A.F.	570	740	700	380	1220

DISCHARGE IN SECOND-FEET OF MINNECHADUZA CREEK AT VALENTINE
Sec. 23-34-29 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25	16	24	22	30	41	224	40	55	25	14	12
2	25	24	40	26	40	49	149	50	35	21	16	16
3	26	29	37	23	35	27	142	37	28	19	18	14
4	28	33	30	28	34	46	132	39	48	13	16	19
5	29	20	34	19	43	58	116	42	36	23	16	14
6	29	50	33	26	45	55	88	36	27	15	19	6
7	29	36	17	30	39	57	77	42	31	18	64	11
8	29	38	22	20	35	52	81	44	35	27	30	11
9	29	33	12	19	65	54	84	41	30	17	36	15
10	30	31	14	27	72	60	52	58	28	16	22	11
11	29	33	18	33	78	64	59	45	31	18	23	4
12	29	36	29	23	87	72	53	58	22	23	24	9
13	30	42	45	19	106	47	61	68	27	7	7	12
14	31	42	16	32	99	46	57	69	24	20	26	12
15	31	38	40	29	86	57	52	60	21	20	13	12
16	30	29	19	29	91	76	53	61	36	26	19	21
17	29	21	35	28	85	75	56	59	16	15	19	38
18	52	16	26	30	72	75	78	60	24	15	19	21
19	28	30	10	29	68	82	54	60	23	17	25	35
20	33	47	43	19	41	79	55	66	20	11	23	15
21	26	40	8	45	20	80	64	70	23	10	12	15
22	32	27	16	10	66	70	48	64	33	15	20	29
23	38	31	29	9	48	62	57	94	25	13	17	19
24	32	29	18	18	44	93	48	102	18	19	11	17
25	35	31	26	8	44	98	42	123	38	9	23	20
26	26	32	29	10	46	88	52	100	35	8	11	14
27	37	47	24	11	50	81	44	83	34	13	13	18
28	35	35	18	19	55	90	49	82	30	15	10	16
29	26	33	32	15	60	220	46	64	29	10	15	15
30	30	28	38	32	-----	726	34	42	22	11	23	13
31	30	-----	19	18	-----	416	-----	35	-----	11	3	3
Mean	31	33	26	23	58	103	74	61	30	16	20	16
Max.	52	50	45	45	106	726	224	123	55	27	64	38
Min.	25	16	8	8	20	27	34	35	16	7	3	4
A.F.	1880	1940	1590	1400	3340	6340	4380	3760	1750	991	1240	960

Total acre-feet 29570

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, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	2	0	0	0	0	0	0
11	0	0	0	0	0	5	0	0	0	0	31	0
12	0	0	0	0	0	1	0	0	0	0	3	0
13	0	0	0	0	0	0	0	0	0	3	0	0
14	0	0	0	0	0	0	0	0	0	15	0	0
15	0	0	0	0	0	0	0	0	0	1	0	0
16	0	0	0	0	0	2	0	0	0	0	0	0
17	0	0	0	0	0	9	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	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0	0	0	0	0	1	0	0	0	1	1	0
Max.	0	0	0	0	0	9	0	0	0	15	31	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	43	1	0	0	38	68	0

Total acre-feet 151

BUREAU OF IRRIGATION

583

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR BROKEN BOW
Sec. 11-16-20 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	2	1	2	2	3	2	2	1	0	1
2	1	1	2	2	2	2	2	2	3	1	1	0
3	1	1	2	2	2	2	2	2	1	1	3	0
4	1	1	2	2	2	2	2	2	1	1	2	0
5	1	1	2	2	2	2	2	2	1	1	0	0
6	1	1	2	2	2	2	2	2	1	1	1	0
7	1	1	2	2	2	2	2	2	1	1	1	0
8	1	1	2	2	2	2	7	2	1	1	1	0
9	1	1	2	2	2	2	7	2	1	1	1	0
10	1	1	2	2	2	7	7	2	1	1	1	0
11	1	1	3	2	2	3	3	2	1	1	1	0
12	1	1	3	2	2	2	3	2	1	1	2	0
13	1	1	3	2	2	2	3	2	1	1	1	0
14	1	1	2	2	2	2	3	2	1	2	1	0
15	1	1	2	2	2	2	3	2	1	1	1	0
16	1	1	2	2	2	15	3	4	1	1	1	0
17	1	1	2	2	2	23	3	4	1	1	1	0
18	1	1	2	2	2	5	2	2	1	1	0	0
19	1	1	2	2	2	2	3	2	1	1	0	0
20	1	1	2	2	2	2	2	2	1	1	0	0
21	1	1	2	2	2	2	4	2	1	1	0	0
22	1	1	2	2	2	2	3	3	1	1	0	0
23	1	1	2	2	2	2	3	2	1	1	0	0
24	1	2	2	2	2	2	2	2	1	1	0	0
25	1	2	2	2	2	2	2	2	1	1	0	0
26	1	2	2	2	2	2	2	2	1	1	0	0
27	1	2	2	2	2	2	2	4	1	1	0	0
28	1	1	2	2	2	2	2	2	1	1	1	0
29	1	1	2	2	2	2	2	2	1	1	1	0
30	1	2	2	2	2	2	2	2	1	1	1	0
31	1	2	2	2	2	2	2	2	1	1	1	0
Mean	1	1	2	2	2	4	2	2	1	1	1	0
Max.	3	2	3	2	3	23	4	4	3	2	3	1
Min.	1	1	2	1	2	1	2	2	1	0	0	0
A.F.	81	86	105	87	107	220	143	126	59	45	44	25

Total acre-feet 1130

DISCHARGE IN SECOND-FEET OF MUD CREEK NEAR SWEETWATER
Sec. 3-12-15 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	33	38	34	65	41	72	38	34	22	10	16
2	30	32	37	29	80	36	60	38	35	20	9	16
3	29	31	38	30	78	28	54	37	33	18	9	15
4	29	30	36	32	76	31	52	37	32	18	9	16
5	31	33	35	34	78	43	49	37	32	18	10	16
6	33	35	36	35	76	44	47	37	31	16	10	15
7	35	38	36	35	79	41	45	39	30	20	12	16
8	35	36	33	34	76	45	46	40	29	19	14	14
9	35	37	31	36	73	50	46	39	29	21	15	14
10	34	37	36	37	77	87	44	39	28	17	14	14
11	33	37	34	34	75	106	44	38	28	16	14	14
12	32	38	28	33	85	110	46	38	27	16	16	14
13	32	38	28	33	80	202	47	37	26	17	16	14
14	32	37	24	34	81	113	46	37	25	33	18	15
15	43	36	25	34	75	87	44	36	25	47	19	15
16	38	36	23	35	67	68	44	41	23	27	17	14
17	33	32	25	41	55	181	44	38	23	21	16	14
18	33	33	24	49	41	190	44	38	22	20	16	14
19	34	32	24	51	41	164	44	39	22	18	16	13
20	34	31	25	46	34	116	47	37	22	18	15	13
21	35	30	26	40	32	70	46	38	22	16	14	14
22	35	29	26	47	36	48	46	39	22	16	14	14
23	34	29	26	69	38	52	48	38	23	15	14	13
24	34	30	28	74	36	59	47	41	23	14	14	13
25	34	31	29	51	31	62	44	39	22	14	14	14
26	34	33	29	50	35	88	44	42	26	13	15	14
27	34	40	29	52	36	83	43	43	26	12	16	14
28	35	46	30	64	39	73	41	40	26	11	15	14
29	36	40	30	69	39	64	40	36	24	12	16	14
30	35	38	30	68	-----	84	39	36	23	12	16	13
31	34	-----	31	69	-----	80	-----	33	-----	11	17	-----
Mean	34	35	30	44	59	82	47	38	26	18	14	14
Max.	43	46	38	74	85	202	72	43	35	47	19	13
Min.	29	29	23	29	31	28	39	33	22	11	9	13
A.F.	2070	2060	1850	2730	3400	5050	2780	2350	1570	1120	873	851

Total acre-feet 26700

DISCHARGE IN SECOND-FEET OF MUDDY CREEK AT ARAPAHOE
Sec. 22-4-23 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	7	8	4	9	8	9	10	6	3	3	3
2	5	7	8	5	10	11	9	32	6	3	3	3
3	5	7	7	4	10	8	8	18	6	2	1	3
4	5	7	7	4	10	8	8	10	6	2	1	3
5	6	8	8	5	10	7	8	8	6	4	2	2
6	6	8	8	5	11	1	8	9	6	4	2	2
7	6	7	7	5	10	12	8	39	5	3	32	2
8	6	7	8	8	11	11	8	122	4	3	6	2
9	7	7	7	6	10	16	8	53	4	3	3	2
10	6	8	8	5	9	13	8	10	4	1	1	1
11	6	7	9	6	9	13	8	8	4	0	655	2
12	6	7	9	6	10	28	8	8	4	2	305	1
13	6	7	9	6	10	22	8	7	3	6	27	1
14	6	7	8	6	10	14	8	7	2	102	11	2
15	6	7	6	6	10	13	7	7	2	40	7	2
16	6	7	5	5	10	11	7	9	2	9	5	2
17	6	7	4	6	12	13	8	13	0	3	4	2
18	6	8	4	5	10	20	10	9	1	2	4	2
19	6	8	4	5	9	12	10	8	2	1	3	2
20	6	8	4	4	9	10	20	8	2	2	2	2
21	6	8	4	4	8	9	11	9	4	1	2	2
22	7	8	5	2	9	8	11	9	4	2	1	2
23	7	9	5	2	9	9	11	8	3	0	1	2
24	7	9	5	4	9	10	9	8	1	1	1	2
25	7	9	5	6	8	12	8	7	2	2	1	2
26	6	8	5	7	9	13	8	8	3	1	1	2
27	7	9	5	9	10	16	7	9	5	1	2	2
28	7	10	5	9	11	10	7	8	4	0	3	2
29	7	8	5	10	13	10	7	7	4	2	1	2
30	7	8	5	9	9	10	9	8	4	2	3	2
31	7	8	5	8	9	9	9	6	4	2	3	2
Mean	6	8	6	6	10	12	9	16	4	7	36	2
Max.	7	10	9	10	13	28	20	122	6	102	655	3
Min.	5	7	4	2	8	1	7	6	0	0	1	1
A.F.	376	459	371	340	563	726	521	955	210	411	2180	119

Total acre-feet 7230

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, NEAR
SYRACUSE—Sec. 27-8-11 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	47	43	25	31	44	141	115	49	90	30	52
2	50	46	42	24	36	50	120	99	49	75	30	49
3	72	49	41	23	45	24	117	95	47	60	36	34
4	301	50	40	26	48	28	122	90	44	46	40	29
5	82	67	40	27	50	31	116	86	44	43	30	27
6	64	55	41	28	49	32	115	77	44	44	29	26
7	72	52	40	29	54	38	113	81	41	45	29	25
8	65	52	38	30	56	45	109	81	37	44	29	24
9	57	56	27	31	55	56	689	74	34	40	28	23
10	53	51	23	30	56	76	295	72	32	35	22	23
11	50	50	22	30	50	141	334	64	30	32	19	22
12	47	50	28	31	52	310	406	63	28	35	15	22
13	45	47	27	34	67	523	806	62	27	684	42	23
14	41	43	27	98	103	201	231	62	25	4260	576	28
15	41	42	21	281	69	152	180	61	24	310	444	19
16	43	42	19	138	57	164	156	151	23	124	85	19
17	43	38	19	106	53	196	180	135	22	90	150	19
18	44	36	20	95	53	635	332	88	65	77	82	19
19	45	40	20	86	56	634	223	77	227	68	45	19
20	47	47	20	78	41	225	184	72	64	72	30	19
21	47	49	20	31	40	168	734	78	311	64	44	18
22	47	49	20	9	47	99	777	146	83	51	37	18
23	47	41	20	15	43	81	264	375	45	45	32	18
24	46	35	20	25	44	132	200	103	31	42	30	18
25	44	43	21	26	34	170	172	87	26	41	30	17
26	45	49	21	28	45	231	159	76	1210	38	51	17
27	61	51	21	29	57	392	149	81	2020	36	38	17
28	63	50	22	30	51	572	136	92	140	34	30	16
29	51	46	23	27	49	432	124	65	95	33	564	16
30	49	44	24	25	49	384	117	59	250	32	160	16
31	45	—	25	28	—	207	—	52	—	32	70	—
Mean	60	47	27	49	51	209	260	94	172	217	93	23
Max.	301	67	43	281	103	635	806	375	2020	4260	576	52
Min.	41	35	19	9	31	24	109	52	22	32	15	16
A.F.	3680	2810	1660	3020	2960	12840	15490	5790	10250	13330	5710	1370

Total acre-feet 78910

BUREAU OF IRRIGATION

585

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER, LITTLE, AT AUBURN
Sec. 23-5-14 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	206	174	172	123	170	152	462	417	195	529	143	288
2	193	164	164	116	180	174	384	395	184	278	142	310
3	184	168	172	118	190	87	370	367	186	226	162	208
4	1260	172	156	124	200	115	381	346	180	193	191	178
5	481	195	158	127	202	122	328	322	180	176	156	158
6	305	226	160	131	208	132	364	283	178	168	138	149
7	315	199	152	135	222	155	317	295	172	180	128	149
8	262	221	149	137	230	210	302	305	166	182	172	145
9	221	212	133	138	228	310	1110	290	160	160	164	138
10	210	201	131	135	212	392	1440	286	156	145	124	136
11	201	193	164	138	208	606	935	262	152	133	119	135
12	197	252	164	137	210	1110	878	252	147	425	126	135
13	193	226	152	145	237	2310	2310	241	136	4360	174	131
14	172	191	145	197	354	1060	1110	234	131	13100	4420	300
15	168	182	115	1120	283	662	694	232	124	2280	2340	193
16	172	172	90	945	217	574	665	381	118	606	495	152
17	170	149	90	616	197	712	769	750	115	395	4210	138
18	195	126	93	438	191	2040	854	392	298	325	1210	126
19	197	151	94	531	204	1820	927	295	1790	286	312	121
20	189	190	95	496	172	854	651	278	441	246	271	121
21	193	193	93	150	154	603	1370	293	2330	243	3330	123
22	191	182	92	63	158	477	3070	1300	683	228	648	119
23	184	166	92	92	168	234	1190	1330	281	184	269	119
24	180	145	93	130	165	471	788	412	180	158	219	116
25	180	160	96	150	152	603	637	288	142	149	223	111
26	178	193	98	157	164	850	571	252	960	156	395	107
27	199	184	98	162	176	1380	526	239	10200	145	223	107
28	259	189	100	165	172	1550	483	241	1120	140	176	105
29	215	180	106	162	168	1270	453	230	450	149	2530	99
30	193	172	112	155	-----	1060	417	208	2100	154	788	98
31	178	-----	123	154	-----	669	-----	201	-----	142	384	-----
Mean	246	184	124	245	200	734	825	375	789	846	787	150
Max.	1260	252	172	1120	354	2310	3070	1330	10200	13100	4420	310
Min.	168	126	90	63	152	87	302	201	115	133	119	98
A.F.	15160	10960	7640	15050	11490	49100	49100	23040	46920	52050	48360	8950

Total acre-feet 333830

DISCHARGE IN SECOND-FEET OF NEMAHA RIVER AT FALLS CITY
Sec. 22-1-16 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	470	346	346	213	313	298	738	810	600	726	160	1500
2	432	310	337	221	359	313	726	802	492	446	142	1200
3	498	304	358	228	739	283	562	766	439	346	133	730
4	394	283	372	229	818	295	754	666	376	404	172	453
5	450	265	340	221	322	228	818	638	313	215	120	366
6	568	274	337	221	250	256	635	590	295	160	122	271
7	935	304	369	218	241	256	610	565	230	160	110	265
8	826	313	319	218	241	283	604	544	208	168	120	271
9	486	325	253	208	241	366	762	516	225	151	358	222
10	484	328	250	212	238	2810	2360	523	316	131	358	208
11	428	286	265	223	235	4710	1840	526	292	116	325	208
12	369	2690	280	218	259	4400	2660	526	268	139	624	185
13	316	1960	240	227	277	5980	4680	418	253	2730	742	182
14	325	616	180	319	512	3830	3410	439	228	9240	593	271
15	322	439	167	428	280	1790	1980	456	215	4260	950	331
16	310	292	179	1080	277	1260	1070	548	208	2290	690	259
17	346	222	190	766	307	1450	1050	1080	188	1910	3610	215
18	360	146	203	754	280	5250	2410	916	200	456	1850	188
19	380	286	190	663	277	5800	2680	642	215	442	1470	170
20	400	346	173	453	277	2990	1880	540	225	155	618	135
21	414	394	179	436	225	1930	2700	1040	286	165	13600	151
22	404	372	183	420	253	1410	7120	11900	565	170	2230	155
23	369	328	161	320	268	1180	5690	9300	316	151	1750	151
24	340	346	167	188	250	1060	2780	4680	225	148	682	137
25	334	390	185	269	250	1520	1740	1220	180	133	540	146
26	322	358	183	215	232	1810	1400	884	151	118	1120	139
27	319	362	184	220	230	2120	1220	738	3570	114	554	133
28	358	366	180	226	222	1650	1000	638	1000	112	596	126
29	346	372	187	217	256	970	1000	590	794	205	16100	126
30	383	372	195	215	-----	826	902	534	1070	220	7800	126
31	400	-----	219	245	-----	848	-----	502	-----	185	4320	-----
Mean	429	466	238	332	308	1877	1926	1437	465	851	2018	301
Max.	935	2690	372	1080	818	5980	7120	11900	3570	9240	16100	1500
Min.	310	146	161	188	222	228	562	418	151	112	110	126
A.F.	26360	27760	14620	20410	17710	115400	114600	88340	27660	52300	124100	17890

Total acre-feet 647150

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF NEW YORK CREEK AT HERMAN
Sec. 32-20-11 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	5	6	1	13	2	12	6	6	10	95	6
2	4	6	6	1	9	2	9	6	6	10	6	5
3	4	2	1	1	6	2	8	5	6	10	8	5
4	6	1	3	2	4	1	7	5	6	9	6	5
5	4	4	4	2	5	2	6	6	6	9	6	4
6	5	4	4	2	4	4	6	8	6	12	6	4
7	4	4	4	3	8	3	5	11	6	35	6	4
8	4	5	4	2	12	3	5	10	6	10	8	4
9	4	6	3	2	9	3	38	14	7	9	5	4
10	3	4	2	2	11	5	17	10	7	8	5	4
11	4	4	2	2	8	6	15	9	7	8	5	4
12	1	4	2	2	6	64	27	8	7	7	4	4
13	2	4	1	2	17	48	21	8	6	8	4	4
14	2	3	2	2	12	10	16	8	6	10	5	7
15	4	2	2	2	6	5	9	14	5	8	5	4
16	5	2	2	3	5	5	11	18	5	7	4	4
17	4	0	3	2	4	9	16	10	5	6	4	4
18	6	0	3	2	6	22	16	8	5	7	4	4
19	6	3	3	2	8	13	14	8	5	7	17	4
20	6	2	3	2	6	9	14	8	8	9	56	4
21	20	1	3	2	3	5	16	8	8	6	12	4
22	7	1	3	2	3	5	16	16	116	6	8	4
23	5	0	3	2	6	5	12	14	10	6	7	4
24	5	2	3	2	4	17	9	12	9	5	7	3
25	5	3	3	2	2	16	9	10	7	4	13	3
26	4	3	3	2	5	15	8	9	9	4	3	3
27	6	4	3	4	5	17	7	25	543	4	7	3
28	5	5	2	2	3	23	6	9	14	4	8	3
29	5	4	2	1	3	48	5	8	13	4	8	2
30	4	6	2	2	4	46	5	7	11	4	8	3
31	4	2	2	4	—	20	—	6	—	4	6	—
Mean	5	3	3	2	7	14	12	10	31	8	11	4
Max.	20	6	6	4	17	64	38	25	543	35	95	7
Min.	1	0	0	1	2	1	5	5	5	4	4	2
A.F.	298	178	185	129	395	876	740	594	1860	495	702	233

Total acre-feet 6680

DISCHARGE IN SECOND-FEET OF NINE MILE DRAIN NEAR MCGREW
Sec. 23-21-53 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	183	134	123	101	87	83	80	68	154	172	230	242
2	175	134	123	103	89	80	81	125	149	185	227	241
3	175	134	119	101	88	81	84	85	143	204	214	258
4	178	136	128	100	89	81	79	125	144	221	212	247
5	178	132	126	99	89	81	79	132	143	186	215	237
6	182	130	119	98	89	80	79	147	150	217	214	235
7	172	130	115	99	89	81	78	146	154	194	208	234
8	168	130	113	98	89	81	78	158	164	197	211	250
9	167	130	112	95	89	80	78	144	157	198	203	236
10	167	130	110	94	89	79	78	97	150	200	206	233
11	165	130	111	95	89	79	77	93	154	195	211	228
12	164	129	111	95	89	78	75	92	155	191	216	234
13	161	128	111	97	89	78	73	89	157	206	216	262
14	158	129	107	95	89	78	73	86	158	210	215	238
15	159	129	104	95	87	78	73	91	157	215	215	238
16	154	127	103	95	86	79	75	113	181	214	215	228
17	154	124	106	94	85	85	72	118	156	206	218	226
18	152	125	103	96	84	86	71	125	160	203	214	222
19	150	124	102	95	81	88	71	131	171	214	212	222
20	148	125	105	94	82	88	71	128	175	214	216	229
21	146	123	105	91	83	85	68	122	201	205	211	239
22	144	122	105	86	83	82	68	121	250	194	212	242
23	140	121	105	81	85	83	68	142	175	193	210	229
24	141	121	105	85	83	85	68	145	192	191	215	223
25	140	121	105	89	85	87	68	152	214	191	222	224
26	141	121	105	90	85	86	68	168	203	197	215	230
27	141	121	109	89	86	85	68	172	184	202	210	234
28	147	121	110	89	85	84	68	162	188	203	223	229
29	140	120	111	89	85	83	68	152	179	215	229	230
30	137	121	109	88	—	83	69	152	173	229	222	242
31	136	—	105	88	—	81	—	147	—	235	—	—
Mean	157	127	110	94	86	82	74	127	169	203	216	236
Max.	183	136	128	103	89	88	84	172	250	230	230	262
Min.	136	120	102	81	81	78	68	68	143	172	203	222
A.F.	9640	7540	6790	5760	4970	5050	4380	7790	10050	12480	13260	14050

Total acre-feet 101760

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER ABOVE BOX BUTTE
RESERVOIR—Sec. 27-29-50 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	32	28	49	35	33	56	67	40	19	33	11	19
2	32	27	49	35	35	55	65	39	17	30	11	18
3	31	31	49	35	43	56	71	35	9	24	9	19
4	26	36	48	35	49	53	81	30	8	21	8	19
5	26	37	46	35	53	51	87	26	11	20	9	18
6	29	44	40	35	52	52	78	26	11	19	11	17
7	30	44	40	36	54	55	70	22	6	18	8	16
8	30	44	40	35	54	59	67	21	7	16	9	16
9	28	44	40	34	56	61	64	22	6	13	10	15
10	22	42	40	33	57	67	62	20	5	13	10	15
11	34	41	40	35	59	65	60	19	6	13	14	15
12	23	40	40	36	60	65	60	18	6	14	21	16
13	22	41	40	37	63	63	59	15	7	15	22	16
14	21	42	40	39	62	62	58	15	4	18	26	14
15	20	42	40	36	60	61	57	14	4	17	22	10
16	20	41	40	41	59	64	58	17	3	17	21	12
17	19	37	40	42	54	60	57	19	3	19	19	11
18	20	41	40	41	54	59	56	20	3	19	17	11
19	19	41	40	42	50	68	55	21	3	19	17	10
20	22	43	40	43	40	69	54	28	3	20	26	11
21	27	46	40	40	45	70	50	31	4	22	103	12
22	27	51	40	35	43	60	49	34	193	22	27	13
23	27	51	40	35	40	50	47	35	102	22	28	13
24	26	51	40	35	38	55	46	32	38	19	25	12
25	26	54	40	35	35	60	45	31	35	16	19	12
26	27	49	40	33	40	64	42	30	29	15	21	11
27	28	54	40	35	50	64	40	26	100	15	17	11
28	28	51	40	38	58	67	36	24	110	13	16	12
29	28	51	43	41	54	68	35	18	78	13	17	13
30	28	50	44	36	—	68	38	19	51	13	18	12
31	28	—	34	35	—	68	—	19	—	12	18	—
Mean	26	43	41	37	50	61	57	25	29	18	20	14
Max.	34	54	49	43	63	70	87	40	193	33	103	19
Min.	19	27	34	33	33	50	35	14	3	12	8	10
A.F.	1600	2570	2540	2260	2880	3760	3400	1520	1750	1110	1210	833

Total acre-feet 25430

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
From Niobrara River—Sec. 28-29-49 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	—	—	—	—	—	—	—	—	—	20150	13210
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	28280	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	25880	—	—	—	—	28530	—	—
7	—	—	—	—	—	—	—	—	—	—	—	12440
8	—	—	—	—	—	—	—	—	—	—	18070	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	27930	—	—
11	—	19560	—	24080	—	28820	32130	—	—	27640	—	—
12	—	—	—	—	26440	—	—	—	—	—	17350	11870
13	—	—	—	—	—	—	—	—	—	—	—	11650
14	—	—	—	—	—	—	—	—	—	26610	—	—
15	—	—	—	—	—	—	—	—	30220	—	16610	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	11330
18	—	—	—	—	—	—	—	—	—	24850	16320	—
19	—	—	—	—	—	—	—	—	—	—	—	11040
20	—	20310	22680	24570	27230	29820	32160	31830	27680	24380	16110	—
21	—	—	—	—	—	—	—	—	—	—	—	10810
22	—	—	—	—	—	—	—	—	28900	23550	—	—
23	—	—	—	—	27380	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	23120	15480	—
25	—	—	—	—	27630	—	—	—	28580	—	15130	—
26	—	—	—	—	—	—	—	—	—	—	14870	—
27	—	—	—	—	—	—	—	—	—	21830	—	—
28	—	—	—	—	—	—	—	—	—	—	—	9990
29	—	—	—	—	27970	—	—	—	—	—	—	—
30	—	—	—	—	—	—	32050	—	—	—	—	9930
31	19020	21260	23330	25310	—	31140	—	31780	28940	20580	13680	—

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR—Sec. 28-29-49 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	1	1	1	2	2	33	5	41	147	113
2	1	1	1	1	1	2	2	32	4	41	143	113
3	1	1	1	1	1	2	2	29	2	41	145	105
4	1	1	1	1	1	1	2	30	2	41	152	103
5	1	1	1	1	1	1	4	21	2	41	152	94
6	1	1	1	1	1	1	13	16	2	50	145	92
7	1	1	1	1	1	2	21	15	1	74	148	91
8	1	1	1	1	1	2	26	22	1	90	145	86
9	1	1	1	1	1	2	28	22	1	108	133	86
10	1	1	1	1	1	2	32	20	1	131	133	86
11	1	1	1	1	1	2	32	16	40	157	130	85
12	1	1	1	1	1	1	34	12	60	157	114	84
13	1	1	1	1	1	1	36	14	82	157	97	74
14	1	1	1	1	1	1	36	35	113	155	85	69
15	1	1	1	1	1	1	39	38	142	155	82	59
16	1	1	1	1	1	1	41	40	189	154	75	59
17	2	1	1	1	1	1	44	22	189	152	75	60
18	2	1	1	1	1	1	43	3	185	152	75	61
19	2	1	1	1	1	1	42	4	185	152	86	74
20	2	1	1	1	1	1	40	5	142	154	96	77
21	2	1	1	1	1	1	34	13	1	159	98	77
22	2	1	1	1	1	1	34	19	34	161	96	77
23	2	1	1	1	1	1	34	17	100	166	92	78
24	2	1	1	1	1	1	34	19	100	174	94	78
25	2	1	1	1	1	1	33	20	96	172	105	79
26	1	1	1	1	1	2	33	23	74	174	111	79
27	1	1	1	1	2	2	30	22	60	172	116	79
28	1	1	1	1	1	2	26	11	59	172	114	72
29	1	1	1	1	1	2	23	17	60	170	114	56
30	1	1	1	1	1	2	30	6	57	170	114	57
31	1	1	1	1	1	2	1	5	154	114	114	80
Mean	1	1	1	1	1	2	28	19	66	131	114	80
Max.	2	1	1	1	2	2	44	40	189	174	152	113
Min.	1	1	1	1	1	1	2	3	1	75	75	56
A.F.	84	47	52	68	77	86	1640	1190	3950	8030	6990	4770

Total acre-feet 26980

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR HAY SPRINGS Sec. 23-29-46 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	31	30	28	39	27	38	72	25	18	11	11
2	25	31	30	32	40	12	36	60	30	15	9	12
3	28	38	28	33	38	24	38	56	27	14	9	12
4	38	50	31	36	31	30	46	52	22	15	11	11
5	25	40	36	33	30	30	40	54	17	13	11	11
6	24	31	20	34	29	30	42	52	15	12	9	10
7	27	34	16	34	30	30	40	38	15	12	8	10
8	20	30	23	34	29	30	38	36	18	12	8	9
9	22	27	28	34	29	30	41	31	17	12	9	10
10	22	28	31	29	31	30	46	54	16	13	9	11
11	23	30	31	29	31	30	51	44	16	13	14	11
12	23	24	32	30	30	30	56	38	16	15	14	11
13	28	24	26	31	28	30	54	27	15	16	13	12
14	22	20	20	32	27	30	53	17	17	16	14	12
15	24	31	23	32	29	30	51	23	15	14	13	11
16	25	23	25	30	30	30	57	52	15	12	14	11
17	24	25	24	27	30	30	62	50	14	11	13	11
18	25	27	25	25	27	30	69	54	12	11	13	11
19	30	36	27	26	26	30	84	48	15	11	13	11
20	28	34	25	24	25	30	89	33	24	11	15	11
21	30	44	28	24	24	30	67	42	119	10	12	11
22	24	34	29	13	22	30	69	81	74	10	12	11
23	18	40	30	22	20	35	64	64	36	10	11	12
24	19	36	31	26	12	37	72	54	23	9	10	12
25	23	23	32	36	26	40	69	46	28	10	9	12
26	23	18	28	53	30	56	68	52	24	10	9	11
27	25	25	29	44	40	64	68	46	27	10	8	11
28	17	28	31	43	38	109	66	40	27	11	10	10
29	19	33	34	43	32	169	70	30	20	10	12	11
30	27	30	33	41	1	108	72	33	16	9	11	10
31	27	28	28	39	26	46	27	27	20	10	10	10
Mean	24	31	28	32	29	42	57	45	25	12	11	11
Max.	38	50	36	53	40	169	89	81	119	20	15	12
Min.	11	18	16	13	12	12	36	17	12	9	8	9
A.F.	1480	1830	1710	1980	1690	2570	3400	2790	1500	763	680	654

Total acre-feet 21050

BUREAU OF IRRIGATION

589

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR GORDON
Sec. 26-31-42 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	112	112	160	128	168	157	194	168	108	128	85	72
2	108	106	137	100	178	144	191	142	136	193	82	80
3	110	112	149	100	185	170	188	155	121	91	85	80
4	118	108	147	108	191	180	213	142	99	91	77	77
5	121	116	152	123	198	177	223	141	91	91	80	77
6	116	128	152	128	200	170	210	141	91	91	82	72
7	118	128	134	132	195	160	188	141	82	85	77	72
8	112	123	87	128	191	171	185	141	85	82	77	70
9	108	121	82	116	189	165	168	125	85	80	82	70
10	108	128	128	116	188	155	180	96	88	75	82	65
11	108	125	144	118	185	158	197	99	85	70	102	63
12	112	142	165	121	174	160	207	102	88	72	111	63
13	118	144	160	123	171	140	200	111	85	75	108	75
14	112	157	87	125	171	150	185	114	85	80	99	85
15	108	152	78	128	174	165	177	118	85	80	96	80
16	110	121	116	125	177	174	157	161	77	72	88	80
17	112	112	152	123	171	185	168	121	75	72	80	75
18	116	142	165	118	149	182	197	111	72	65	82	77
19	114	160	165	116	132	182	204	125	65	70	80	77
20	118	137	149	114	120	168	197	118	80	70	70	77
21	121	123	139	112	117	162	168	118	135	72	72	80
22	121	128	134	110	117	137	149	157	114	77	70	80
23	123	142	139	108	118	155	162	125	121	77	68	82
24	121	147	139	108	128	160	132	141	99	72	68	77
25	123	165	142	108	152	160	157	118	118	70	72	80
26	132	147	144	110	180	175	177	157	157	68	75	82
27	132	147	147	110	204	185	171	138	161	63	72	85
28	125	155	149	110	182	254	165	128	125	65	63	85
29	130	162	152	112	168	307	155	125	153	72	63	85
30	123	168	155	132	-----	265	165	121	141	75	68	80
31	121	-----	139	147	-----	213	-----	121	-----	75	80	77
Mean	117	135	138	118	168	177	181	130	104	-----	-----	-----
Max.	132	168	165	147	204	307	223	168	161	128	111	85
Min.	108	106	78	100	117	137	132	96	65	63	63	63
A.F.	7200	8050	8510	7250	9670	10880	10770	7980	6170	4830	4930	4570

Total acre-feet 90810

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR CODY
Sec. 23-33-34 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	294	324	324	306	400	350	650	400	294	310	212	204
2	310	302	324	324	415	294	590	390	294	270	219	215
3	332	319	324	328	410	250	544	375	298	270	278	230
4	332	302	328	337	410	242	500	380	306	260	238	234
5	337	328	324	342	430	310	475	365	286	242	238	230
6	328	350	310	365	400	400	450	350	286	246	226	234
7	319	332	302	350	390	415	430	355	274	242	234	234
8	310	328	278	328	390	390	425	410	274	230	223	230
9	319	328	168	302	390	380	415	430	270	223	226	223
10	306	328	179	319	395	390	415	430	274	226	250	223
11	302	324	242	342	405	400	405	390	258	219	270	223
12	302	324	314	342	405	400	400	370	254	230	262	215
13	328	328	324	332	435	355	395	332	250	262	270	226
14	319	324	200	355	415	298	390	342	250	250	262	234
15	319	319	165	337	370	319	395	380	246	246	246	246
16	314	306	200	350	365	375	410	420	234	230	242	258
17	310	306	266	342	375	405	405	500	226	223	258	230
18	324	298	346	346	365	390	405	475	226	223	258	230
19	332	306	350	342	328	395	400	425	230	223	254	230
20	324	342	350	352	294	405	395	400	234	215	219	230
21	324	360	332	314	278	400	410	415	274	215	212	234
22	328	342	355	278	266	375	405	415	480	208	200	234
23	324	326	375	298	262	258	395	490	410	204	204	238
24	319	324	370	328	270	350	375	445	370	208	204	234
25	310	332	370	342	274	415	360	385	350	204	200	234
26	310	319	360	350	302	425	355	370	370	200	197	234
27	314	324	355	350	420	430	360	355	400	204	200	226
28	324	319	350	350	435	510	360	355	405	208	197	238
29	324	324	355	355	400	786	350	324	365	212	200	230
30	319	324	360	400	-----	968	380	332	350	204	204	234
31	324	-----	355	390	-----	818	-----	306	-----	212	204	-----
Mean	319	324	308	338	369	416	421	391	302	230	228	231
Max.	337	360	375	400	435	968	650	500	480	310	278	258
Min.	294	298	165	278	262	242	350	306	226	200	197	204
A.F.	19600	19270	18950	20780	21210	25580	25080	24020	17940	14130	14050	13740

Total acre-feet 234350

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER NEAR SPARKS
Sec. 22-34-26 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	760	804	874	900	960	1050	1820	993	828	749	676	535
2	804	782	850	800	1000	900	1620	993	862	728	637	544
3	828	828	862	820	1050	760	1500	957	862	718	676	544
4	874	782	828	840	1100	700	1440	885	897	697	697	552
5	816	839	828	870	1150	860	1310	909	839	718	656	589
6	839	945	885	900	1240	1150	1280	885	828	647	666	608
7	804	909	816	870	1220	1200	1230	850	793	676	749	535
8	804	828	749	870	1210	1300	1180	957	828	608	697	589
9	793	839	580	900	1210	1380	1180	1030	782	666	656	561
10	804	850	608	940	1210	1500	1080	1060	749	676	656	544
11	816	885	760	940	1210	1330	1080	993	749	666	739	544
12	816	850	993	960	1260	1340	1060	921	749	666	739	561
13	850	850	981	940	1350	1200	1060	933	782	687	708	589
14	862	862	550	920	1290	1140	1040	921	749	718	728	589
15	862	850	450	920	1120	1030	1000	957	718	718	708	599
16	828	793	380	940	1100	1040	1120	1230	739	697	697	608
17	804	770	450	940	1100	1110	1100	1220	708	666	687	666
18	850	770	510	850	1070	1180	1100	1240	687	666	697	647
19	850	804	650	940	960	1180	1040	1190	666	687	708	676
20	839	850	720	980	870	1200	1000	1100	718	608	770	697
21	816	885	700	980	820	1270	1120	1080	793	647	697	637
22	839	850	730	700	780	1160	1080	1340	886	608	647	718
23	850	793	900	500	760	993	1040	1330	969	618	618	666
24	839	782	980	600	800	1200	1000	1310	828	647	628	687
25	839	850	1000	700	800	1300	969	1140	933	647	628	666
26	839	804	990	780	930	1200	957	1040	885	656	608	676
27	862	770	960	820	1100	1220	909	1020	874	628	599	708
28	839	804	920	820	1250	1310	909	981	933	637	580	676
29	885	828	900	870	1200	1690	909	921	839	637	580	718
30	839	828	920	820	-----	2230	909	862	793	647	561	793
31	839	-----	940	920	-----	2090	-----	921	-----	676	544	-----
Mean	832	829	783	860	1073	1233	1135	1038	809	668	666	624
Max.	885	945	1000	980	1350	2230	1820	1340	969	749	770	793
Min.	760	770	380	500	760	700	909	850	666	608	544	535
A.F.	51150	49360	48130	52860	61730	75810	67520	63810	48130	41080	40930	37130

Total acre-feet 637640

DISCHARGE IN SECOND-FEET OF NIOBRARA RIVER AT MEADVILLE
Sec. 13-32-22 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1050	1130	1160	1130	1380	1560	2920	1310	1210	1030	880	700
2	1100	1120	1130	1070	1410	1420	2400	1330	1170	980	890	705
3	1130	1120	1120	985	1460	1260	2080	1300	1240	930	930	710
4	1160	1120	1130	1030	1520	1100	1890	1250	1300	910	930	730
5	1150	1140	1160	1000	1560	1150	1780	1190	1120	915	910	760
6	1120	1200	1200	1060	1550	1280	1690	1150	1040	895	970	775
7	1100	1220	1170	1060	1570	1330	1600	1250	1010	895	1040	765
8	1090	1170	980	1060	1580	1430	1510	1320	1070	845	985	690
9	1060	1110	745	1070	1680	1650	1440	1350	975	850	910	720
10	1050	1120	800	1110	1760	1900	1400	1340	915	890	865	710
11	1080	1180	875	1140	1810	1790	1380	1320	900	865	895	720
12	1100	1230	1030	1150	1790	1680	1360	1290	890	870	900	740
13	1130	1260	1070	1150	1800	1570	1350	1230	935	910	870	760
14	1160	1270	915	1150	1890	1460	1330	1300	905	930	680	785
15	1190	1200	720	1150	1820	1320	1390	1500	875	925	890	795
16	1130	1100	585	1150	1810	1360	1450	1700	890	905	860	815
17	1110	1050	890	1160	1590	1390	1460	1770	850	895	860	830
18	1120	1050	770	1190	1520	1440	1470	1820	825	880	890	800
19	1130	1100	850	1180	1430	1450	1420	1820	860	880	915	815
20	1130	1170	925	1170	1330	1500	1450	1740	940	885	935	845
21	1150	1180	910	1180	1200	1600	1490	1730	1020	835	920	855
22	1160	1130	1060	1080	1080	1500	1450	1970	1090	795	850	825
23	1170	1100	1180	860	1020	1300	1410	2130	1160	830	805	825
24	1170	1080	1260	780	1070	1530	1380	2240	1120	850	800	820
25	1160	1150	1280	885	1250	1620	1320	2200	1150	845	780	810
26	1170	1130	1270	930	1350	1650	1280	2120	1120	870	755	820
27	1180	1100	1230	1000	1490	1770	1240	1930	1100	845	740	825
28	1180	1110	1180	1130	1580	2080	1220	1720	1120	855	720	845
29	1170	1120	1140	1400	1600	2630	1210	1550	1120	875	715	880
30	1160	1150	1140	1380	-----	3100	1270	1430	1060	885	705	915
31	1150	-----	1150	1360	-----	3280	-----	1340	-----	880	700	-----
Mean	1133	1144	1026	1101	1506	1648	1535	1569	1033	885	861	786
Max.	1190	1270	1280	1400	1890	3280	2920	2240	1300	1030	1040	915
Min.	1050	1050	585	780	1020	1100	1210	1150	825	795	700	690
A.F.	69640	68050	63100	67700	86640	101400	91320	96500	61450	54450	52950	46790

Total acre-feet 859990

BUREAU OF IRRIGATION

591

DISCHARGE IN SECOND-FEET OF NIORARA RIVER NEAR SPENCER
Sec. 30-33-11 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1300	1700	2070	1250	1980	2260	8860	1980	1930	1580	1210	1100
2	1350	1600	1900	1260	2100	2200	6250	2160	1810	1410	1260	1040
3	1420	1580	2070	1230	2160	1870	4200	2010	1730	1350	1410	1010
4	1870	1650	1920	1230	2500	1650	3500	1910	1810	1260	1580	966
5	1590	1550	1900	1180	2800	1380	3200	1790	1710	1500	1340	910
6	1540	1500	2260	1340	3030	1280	3100	1690	1750	1280	1370	924
7	1440	2320	2650	1280	2920	1360	3000	1730	1480	1390	1340	1620
8	1420	3290	1120	1250	2860	1490	2900	1840	1600	1260	2450	938
9	1250	2450	760	1230	2660	1920	2800	2870	1690	1190	1560	778
10	1230	2130	830	1200	3030	2610	2600	2780	1410	1180	1620	886
11	1230	1780	900	1050	3280	2580	2580	2480	1350	1110	1790	874
12	1270	1700	1000	1050	3030	2280	2560	2240	1340	1160	1560	886
13	1320	1700	1050	1050	2680	2100	2700	2060	1260	1410	1520	886
14	2010	1780	1000	1070	2700	1810	2530	1960	1280	1520	1320	924
15	1810	1700	840	1230	2820	1750	2340	2190	1190	1410	1390	1010
16	1440	1420	700	1230	2700	1720	2260	2780	1640	1320	1350	938
17	1490	770	750	1340	2560	1920	2370	3130	1340	1190	1320	1020
18	1620	1020	840	1540	2380	3030	2420	3280	1250	1160	1350	1050
19	1900	1300	930	1490	2280	2580	2370	3250	1210	1130	1600	1130
20	1840	1700	1050	1450	2250	3440	2320	3250	1190	1130	1560	1130
21	1780	1840	1150	1410	2140	3330	2640	3100	1350	1130	1260	1180
22	2010	1440	1220	1380	1820	2480	2560	3220	1410	994	1300	1180
23	1950	1050	1350	1360	1700	1540	2210	4260	1470	1070	1190	1080
24	1840	1000	1500	1280	1810	1490	1860	4060	1560	1210	1160	1150
25	1920	1050	1600	1040	1750	2590	1730	3400	1710	1190	1110	1150
26	1810	1350	1650	975	1680	3370	1600	3130	1600	1210	1070	1180
27	1780	1720	1650	1110	1680	3870	1600	3040	1620	1210	1160	1210
28	1780	2010	1650	1750	2040	4420	1540	2700	1560	1280	1230	1150
29	1780	2520	1380	2200	2260	7400	1520	2530	1390	1350	1230	1250
30	1810	2420	1260	2200	-----	7720	1710	2320	1560	1450	1190	1110
31	1700	-----	1260	2130	-----	8160	-----	2160	-----	1280	1100	-----
Mean	1623	1701	1362	1348	2406	2825	2795	2622	1506	1268	1384	1035
Max.	2010	3290	2650	2200	3280	8160	8860	4260	1930	1580	2450	1250
Min.	1230	770	700	975	680	1280	1520	1680	1190	994	1070	778
A.F.	99770	101200	83720	82680	138400	173700	186300	161200	89630	77980	85090	61610

Total acre-feet 1321480

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR DANNEBROG
Sec. 8-13-11 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	2	1	6	3	15	3	2	1	0	1
2	1	1	2	1	6	3	6	3	1	1	0	0
3	1	1	2	1	7	2	6	3	1	0	0	0
4	1	1	2	1	6	2	5	2	1	0	0	0
5	8	1	2	1	6	2	4	2	1	0	0	0
6	2	1	2	1	6	3	3	2	1	0	0	0
7	2	2	2	2	5	3	3	2	1	11	0	0
8	2	3	2	2	6	3	3	3	1	39	0	0
9	1	3	2	2	5	5	4	3	1	6	0	0
10	1	2	2	2	6	7	3	3	1	2	0	0
11	1	2	2	2	6	12	4	2	1	1	1	0
12	1	3	1	2	6	18	4	2	1	1	0	0
13	1	2	1	2	8	40	5	2	1	1	0	0
14	1	2	1	3	8	70	4	2	1	13	0	0
15	1	2	0	3	7	50	3	2	1	57	0	0
16	1	2	1	4	5	25	3	4	0	8	0	0
17	1	2	1	5	4	16	3	4	0	4	0	0
18	2	2	1	6	4	7	3	3	0	3	0	0
19	2	2	1	5	4	4	4	2	0	2	0	0
20	2	2	1	4	3	5	4	2	0	2	0	0
21	2	2	1	4	3	4	6	2	1	1	0	0
22	2	2	1	4	3	2	9	3	1	1	0	0
23	2	2	1	4	3	2	6	8	1	1	0	0
24	2	2	1	2	3	2	4	5	1	1	0	0
25	1	2	2	3	3	2	3	3	1	1	0	0
26	2	2	1	3	4	3	3	2	1	1	0	0
27	2	2	1	3	5	7	2	14	2	1	0	0
28	2	2	1	3	5	7	2	16	2	0	0	0
29	2	2	1	3	3	9	2	6	1	0	0	0
30	2	2	1	3	3	15	2	3	1	0	0	0
31	1	-----	1	5	-----	16	-----	2	-----	0	1	-----
Mean	2	2	1	3	5	11	4	4	1	5	0	0
Max.	8	3	2	6	8	70	15	16	2	57	1	1
Min.	1	1	0	1	3	2	2	0	0	0	0	0
A.F.	104	120	74	172	290	699	258	233	53	319	23	8

Total acre-feet 2350

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF OMAHA CREEK AT HOMER
Sec. 12-27-8 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	32	30	17	72	38	36	59	64	40	37	30
2	64	26	32	16	65	40	30	52	61	40	32	27
3	148	26	32	17	50	32	23	49	59	37	37	26
4	628	30	28	17	24	30	18	45	58	32	36	26
5	52	33	28	18	26	35	14	44	57	32	37	25
6	43	30	28	18	26	40	13	42	56	32	38	24
7	42	28	27	18	24	50	20	88	55	1210	37	24
8	39	29	22	18	36	55	46	91	54	98	44	24
9	49	29	20	18	44	60	87	83	53	65	31	22
10	40	28	19	16	52	70	80	69	52	61	59	22
11	40	27	12	16	72	75	80	59	50	56	43	22
12	38	29	9	18	59	725	80	48	48	51	30	24
13	36	27	9	17	64	837	80	42	46	56	29	29
14	36	26	15	18	73	41	80	41	42	90	29	29
15	34	24	15	18	45	30	80	39	40	58	32	21
16	35	22	15	20	37	24	80	54	39	48	31	20
17	33	21	15	20	35	28	80	49	38	45	28	20
18	34	29	17	18	39	78	80	45	37	43	26	20
19	34	26	18	25	31	66	85	40	36	42	145	20
20	34	24	17	31	48	31	86	43	49	40	44	22
21	32	25	17	31	29	23	98	44	88	38	37	20
22	37	22	16	28	23	14	81	1150	195	37	29	20
23	34	27	17	29	20	18	77	1590	52	35	27	19
24	32	29	17	34	31	23	72	92	36	34	24	19
25	32	30	18	32	36	28	67	88	36	34	28	17
26	30	30	19	31	51	36	64	85	32	32	29	18
27	32	32	19	29	105	48	62	82	875	32	25	20
28	32	28	18	27	127	59	61	79	154	32	44	20
29	32	28	19	25	37	76	61	76	46	32	46	17
30	32	28	19	24	.....	243	60	72	42	32	62	17
31	32	.....	20	29	.....	79	.....	69	.....	34	39	.....
Mean	59	28	20	22	48	98	63	145	85	82	39	22
Max.	628	33	32	34	127	837	98	1590	875	1210	145	30
Min.	29	21	9	16	20	14	13	39	36	32	24	17
A.F.	3640	1640	1210	1370	2740	6010	3730	8940	5060	5050	2410	1320

Total acre-feet 43120

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR MEADVILLE
Sec. 11-32-22 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	102	122	130	73	119	116	444	149	182	109	86	83
2	103	119	119	90	116	112	353	154	149	100	86	82
3	113	120	102	100	119	109	299	146	245	94	115	82
4	119	119	117	99	120	108	260	144	289	92	96	82
5	116	119	120	96	122	115	238	136	151	97	91	82
6	117	120	130	96	122	112	222	120	128	95	90	81
7	120	123	112	109	123	109	180	117	122	92	157	76
8	105	124	102	112	143	109	176	126	123	91	105	73
9	99	126	109	110	151	89	162	134	116	90	94	72
10	106	128	116	115	311	202	151	134	110	90	94	72
11	109	128	112	116	200	234	149	143	109	89	92	73
12	112	129	115	116	189	146	151	135	106	92	91	74
13	119	130	117	117	231	130	151	122	106	102	86	75
14	123	129	100	132	241	135	151	119	106	102	85	76
15	119	128	84	149	182	164	149	124	102	97	85	76
16	119	123	100	117	195	180	151	157	106	92	92	76
17	116	117	104	116	140	185	166	271	102	90	95	76
18	120	119	104	116	138	189	189	328	97	89	99	76
19	122	119	102	113	135	195	185	391	96	89	89	77
20	122	120	96	112	116	198	176	372	97	88	86	77
21	124	123	84	101	123	185	168	318	112	88	86	130
22	124	123	99	76	124	128	169	318	105	88	88	100
23	126	120	102	73	120	123	193	418	104	86	89	98
24	126	119	105	109	104	157	224	627	105	85	84	96
25	126	120	108	106	106	220	220	790	102	85	83	95
26	124	120	109	110	109	318	195	655	106	86	82	94
27	124	122	110	116	110	396	168	483	108	86	81	92
28	123	124	112	123	120	442	148	372	108	88	84	90
29	118	128	113	132	116	566	144	301	100	88	83	95
30	119	129	100	134	.....	659	135	245	99	86	84	94
31	120	.....	89	130	.....	576	.....	206	.....	85	83	.....
Mean	117	123	107	110	146	216	196	266	123	91	92	84
Max.	126	130	130	149	311	659	444	790	289	109	157	130
Min.	99	117	84	73	104	89	135	117	96	85	81	72
A.F.	7220	7320	6590	6770	8420	13300	11600	16400	7320	5620	5640	5010

Total acre-feet 101210

BUREAU OF IRRIGATION

593

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR SMITHFIELD
Sec. 15-8-21 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1				0	0	0	2	0	0	0	0	0
2	0	0	0	0	0	0	6	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	6	6
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	4	0	0	0	0	0
14	0	0	0	0	0	0	9	0	0	2	0	0
15	0	0	0	0	0	0	20	0	0	4	0	0
16	0	0	0	0	0	0	17	0	1	0	0	0
17	0	0	0	0	0	0	14	0	0	0	0	0
18	0	0	0	0	0	0	16	0	0	0	0	0
19	0	0	0	0	0	0	27	0	0	0	0	0
20	0	0	0	0	0	0	19	0	0	0	0	0
21	0	0	0	0	0	0	5	0	0	0	0	0
22	0	0	0	0	0	0	4	0	0	0	0	6
23	0	0	0	0	0	0	3	0	0	0	0	0
24	0	0	0	0	0	0	2	0	0	0	0	0
25	0	0	0	0	0	0	2	0	0	0	0	0
26	0	0	0	0	0	0	2	0	0	0	0	0
27	0	0	0	0	0	0	2	0	43	0	0	0
28	0	0	0	0	0	0	2	0	12	0	0	0
29	0	0	0	0	0	0	1	0	2	0	0	0
30	0	0	0	0	0	0	1	0	1	0	0	0
31	0	0	0	0	0	0	1	0	2	0	0	0
Mean	0	0	0	0	0	0	27	6	43	0	4	6
Max.	0	0	0	0	0	0	27	6	43	0	4	6
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	301	20	119	0	11	12	0

Total acre-feet 463

DISCHARGE IN SECOND-FEET OF PONCA CREEK AT ANOKA
Sec. 9-39-13 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	42	56	20	20	228	2160	70	52	14	2	1
2	22	40	63	20	22	141	1440	76	50	12	2	1
3	24	45	64	20	25	142	1090	97	44	10	2	1
4	30	44	55	20	28	125	831	82	49	10	2	1
5	30	42	52	20	30	115	719	68	56	9	2	1
6	28	44	73	21	33	114	542	65	45	9	2	1
7	26	45	81	20	36	95	457	63	42	9	4	1
8	24	44	30	20	40	81	411	62	66	8	4	0
9	22	55	40	19	50	110	355	127	121	8	3	0
10	22	44	40	19	80	201	265	136	101	8	5	0
11	21	40	38	20	135	240	218	120	60	7	5	0
12	19	38	35	19	240	187	191	102	45	6	4	0
13	19	44	21	20	400	141	193	100	39	8	7	0
14	70	41	22	22	748	148	170	81	35	9	5	0
15	59	37	18	22	589	163	151	77	31	8	3	0
16	56	27	17	22	460	123	141	101	33	8	2	0
17	50	18	18	24	355	239	132	107	26	6	2	0
18	50	27	18	29	285	374	136	95	25	6	3	0
19	54	35	20	29	195	360	125	85	29	5	18	2
20	53	31	19	29	128	448	117	93	25	5	14	1
21	48	35	18	25	95	380	135	87	27	4	10	1
22	50	27	18	22	120	187	170	93	31	4	6	1
23	56	31	18	19	150	159	141	124	52	4	5	1
24	59	33	18	19	195	134	118	136	41	4	4	1
25	54	30	21	18	155	125	108	97	26	3	3	1
26	51	42	20	18	183	123	101	82	22	3	3	1
27	46	40	21	19	209	155	86	87	19	3	2	1
28	45	42	20	18	290	219	79	77	18	2	3	0
29	40	50	20	18	260	535	74	67	16	3	2	0
30	40	58	20	18	-----	1800	68	64	14	2	2	1
31	38	-----	20	19	-----	2520	-----	60	-----	2	2	-----
Mean	40	39	32	21	192	335	364	90	42	6	4	1
Max.	70	58	81	29	748	2520	2160	136	121	14	18	2
Min.	19	18	17	18	20	81	68	60	14	2	2	0
A.F.	2440	2320	1970	1290	11020	20570	21670	5520	2480	395	262	39

Total acre-feet 69980

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF PRAIRIE CREEK NEAR SILVER CREEK
Sec. 29-16-3 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	10	16	1	7	18	179	60	117	13	8	7
2	11	13	16	2	8	15	99	54	102	12	7	6
3	11	11	17	2	9	12	67	49	63	11	8	5
4	16	14	16	3	10	10	55	46	49	10	7	5
5	14	11	16	3	10	14	54	42	41	10	6	4
6	14	12	16	4	11	15	43	38	37	9	8	4
7	14	12	16	4	13	15	37	38	33	11	10	4
8	14	15	17	4	15	15	33	36	31	11	22	3
9	13	14	15	5	18	16	33	36	28	9	16	2
10	12	13	13	5	22	16	31	35	27	9	10	2
11	12	13	12	5	25	13	32	33	25	8	9	2
12	11	13	14	6	27	12	40	32	24	7	8	1
13	13	13	17	6	28	15	54	31	22	9	7	2
14	13	13	13	7	27	19	61	29	21	16	7	2
15	14	14	10	7	27	23	82	28	20	15	6	2
16	12	14	5	9	28	29	79	38	19	18	6	1
17	11	15	5	10	30	45	61	38	17	49	6	1
18	11	14	6	11	33	63	53	38	16	79	5	1
19	11	14	4	12	37	76	47	39	15	128	5	1
20	11	13	2	13	30	66	56	40	17	229	4	1
21	11	16	1	12	23	38	114	50	20	164	4	1
22	11	17	1	8	16	32	202	73	18	64	4	1
23	11	17	1	5	23	36	308	74	16	38	4	1
24	11	18	1	3	19	41	348	63	13	30	3	1
25	11	19	1	3	14	42	322	64	13	24	4	1
26	10	19	1	4	9	52	214	66	13	19	4	1
27	11	22	1	5	12	53	130	104	17	16	3	1
28	11	20	1	6	18	85	93	145	15	14	4	1
29	11	18	1	5	25	95	73	118	13	12	6	1
30	10	17	1	5	.....	115	64	151	13	10	9	1
31	10	.....	8	6	.....	150	.....	141	.....	9	8	.....
Mean	12	15	8	6	20	40	102	59	25	34	7	2
Max.	16	22	17	13	37	150	348	151	117	229	22	7
Min.	10	10	1	1	7	10	31	28	13	7	3	1
A.F.	724	881	504	358	1140	2470	6080	3620	1740	2110	429	127

Total acre-feet 20180

DISCHARGE IN SECOND-FEET OF PUMPKINSEED CREEK NEAR BRIDGE-
PORT—Sec. 12-19-50 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60	39	41	42	48	46	55	42	13	16	9	28
2	55	37	41	38	47	45	54	37	13	10	9	28
3	38	39	41	38	46	43	55	47	10	7	8	33
4	33	39	41	37	45	43	54	52	9	6	8	37
5	36	38	41	35	47	46	52	50	7	6	8	37
6	43	38	43	36	46	46	52	52	7	6	8	37
7	40	38	38	37	45	46	50	52	7	6	8	35
8	38	37	34	38	45	47	49	55	7	10	8	32
9	37	36	38	39	44	50	47	62	6	20	8	30
10	35	35	40	34	44	60	49	58	6	16	8	28
11	35	35	40	37	42	55	49	54	6	10	8	27
12	36	35	41	38	42	48	50	51	6	9	15	26
13	37	35	43	37	42	34	46	37	5	10	31	28
14	37	35	42	40	42	41	48	24	5	10	31	28
15	37	35	40	40	40	43	46	24	5	10	31	53
16	38	35	39	38	40	57	49	32	5	18	32	69
17	38	34	38	39	43	60	48	36	4	20	41	49
18	38	38	37	35	43	59	46	35	4	25	48	46
19	38	41	34	37	41	62	45	36	4	17	46	41
20	38	41	32	37	37	60	43	34	3	17	31	31
21	39	41	33	34	41	52	43	32	4	20	9	31
22	40	41	34	30	42	50	42	32	5	15	9	32
23	39	41	34	32	40	48	41	31	4	11	9	31
24	39	41	34	35	35	52	40	30	4	9	10	30
25	38	43	36	37	32	52	48	29	4	9	10	28
26	39	42	35	41	39	52	41	29	5	9	9	24
27	39	41	33	42	46	57	38	30	6	9	9	32
28	39	41	35	42	48	60	43	28	7	9	10	30
29	37	40	37	46	46	69	43	22	19	8	21	22
30	37	41	42	46	.....	86	42	16	18	8	36	22
31	38	.....	44	46	.....	69	.....	14	.....	8	23	.....
Mean	39	38	38	38	43	53	47	38	7	12	18	34
Max.	60	43	44	46	48	86	55	62	19	25	48	69
Min.	33	34	32	30	32	34	38	14	3	6	8	22
A.F.	2400	2280	2340	2340	2460	3250	2790	2310	408	722	1090	1990

Total acre-feet 24380

BUREAU OF IRRIGATION

595

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR BAYARD
 Sec. 7-20-50 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	131	94	87	74	60	56	55	50	165	61	69	125
2	129	94	89	71	64	54	54	51	152	53	78	136
3	134	92	89	69	66	55	55	45	108	54	75	129
4	145	92	90	70	67	54	56	32	72	58	78	122
5	155	90	90	71	67	54	58	29	55	59	79	128
6	177	90	88	71	67	53	56	30	52	69	79	134
7	160	92	80	70	67	54	56	30	56	72	82	133
8	150	90	80	69	65	56	54	55	65	67	83	134
9	130	87	78	68	65	59	53	72	65	60	79	133
10	115	86	76	66	64	58	54	76	64	54	82	131
11	115	87	76	64	61	58	54	106	64	55	93	131
12	115	87	76	64	60	53	53	122	71	64	89	131
13	115	87	76	65	60	53	53	93	60	65	92	150
14	115	87	75	62	59	54	52	51	61	69	86	152
15	115	87	72	61	58	55	52	42	59	78	74	147
16	115	87	74	61	59	59	52	76	54	70	104	147
17	115	89	72	59	60	64	47	75	50	65	139	150
18	115	89	75	61	58	65	46	112	54	64	144	163
19	115	86	74	60	55	71	47	168	60	72	108	155
20	115	86	69	60	54	71	47	190	58	74	75	163
21	110	86	74	58	54	69	45	185	61	70	79	179
22	110	86	78	51	53	66	46	125	92	70	79	158
23	110	86	79	59	53	66	48	128	42	67	89	180
24	110	83	79	62	54	66	48	184	72	69	102	161
25	110	83	78	64	56	65	50	189	82	70	105	165
26	100	85	78	64	56	64	50	137	96	70	99	160
27	100	83	80	62	58	62	50	96	96	70	83	157
28	100	85	80	62	58	62	50	105	108	71	100	181
29	100	85	79	62	58	60	47	133	79	71	114	165
30	100	86	78	61	60	60	51	155	65	69	117	177
31	100	86	74	60	60	60	51	155	69	69	112	177
Mean	120	86	79	64	60	60	51	100	75	66	93	148
Max.	177	94	90	74	67	71	58	190	165	78	144	179
Min.	100	83	69	51	53	53	45	29	42	53	69	122
A.F.	7390	5210	4840	3930	3440	3670	3050	6140	4440	4060	5700	8800

Total acre-feet 60670

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR RED WILLOW
 Sec. 17-3-28 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35	43	49	29	45	51	69	96	36	18	17	27
2	35	41	49	29	47	49	61	68	30	19	17	25
3	35	41	49	28	51	42	57	52	31	18	18	24
4	35	40	49	30	61	50	54	49	31	18	18	22
5	36	40	49	35	60	46	52	50	30	124	19	21
6	38	40	49	36	54	51	49	49	30	23	19	21
7	40	40	49	43	52	42	48	50	29	31	20	20
8	40	41	42	46	52	55	45	50	28	21	21	20
9	42	41	44	31	52	54	45	48	27	20	21	19
10	43	42	35	43	52	53	43	48	27	20	25	19
11	44	43	37	48	52	72	42	47	26	19	23	18
12	44	43	42	39	51	77	42	46	26	20	23	18
13	42	43	50	36	50	62	41	49	25	24	24	18
14	43	43	35	42	52	57	41	45	24	94	22	18
15	43	43	38	39	52	58	41	46	24	34	22	18
16	43	43	41	44	52	56	44	49	23	27	22	18
17	43	37	39	50	53	102	46	54	22	24	24	18
18	43	43	38	50	54	122	47	46	21	24	21	19
19	43	42	39	50	54	78	47	46	21	25	20	19
20	43	44	40	47	53	73	72	46	21	26	19	19
21	42	42	40	55	49	74	68	44	22	24	19	19
22	42	44	39	36	48	56	66	52	22	26	18	19
23	41	44	41	43	49	50	62	49	21	21	19	20
24	41	45	42	54	48	70	58	47	21	20	19	19
25	41	51	44	52	48	68	58	47	21	19	18	19
26	42	51	46	53	45	64	58	50	21	18	18	19
27	43	50	45	41	56	58	56	356	24	18	18	19
28	44	49	43	36	50	58	54	60	20	18	18	19
29	44	49	42	38	50	64	52	49	20	17	73	19
30	44	49	38	41	....	82	50	46	19	17	54	19
31	43	....	38	41	....	75	....	43	....	17	33	....
Mean	41	44	43	42	51	63	52	60	25	27	23	20
Max.	44	51	50	55	61	122	72	356	36	124	73	27
Min.	35	37	35	28	45	42	41	43	19	17	17	18
A.F.	2530	2590	2620	2550	2960	3890	3110	3720	1470	1670	1430	1170

Total acre-feet 29710

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, NORTH FORK,
AT COLORADO-NEBRASKA STATE LINE
Sec. 10-1-42 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36	63	80	68	74	87	74	70	32	6	8	9
2	38	70	73	70	73	85	73	70	32	6	8	10
3	36	73	70	78	71	74	74	70	34	7	18	11
4	35	74	70	71	68	81	66	50	31	6	8	10
5	46	74	70	68	71	80	66	36	23	6	8	9
6	56	74	70	68	70	81	71	45	18	5	8	10
7	53	74	70	68	73	81	74	59	17	6	8	12
8	46	71	70	68	71	80	74	68	14	6	8	27
9	38	65	70	68	68	81	76	62	10	6	8	10
10	36	70	70	71	70	76	74	57	10	6	8	9
11	39	74	70	68	71	74	71	54	10	6	8	9
12	41	71	70	68	71	78	70	54	8	6	8	9
13	45	68	70	74	73	76	63	53	7	9	8	10
14	54	70	70	76	68	83	66	56	7	39	7	19
15	49	70	60	74	73	85	74	40	8	14	8	14
16	42	73	65	76	73	89	90	56	7	12	8	12
17	40	71	75	74	74	83	81	56	7	10	8	17
18	44	71	80	74	71	78	71	65	8	8	7	19
19	45	70	65	78	71	80	65	56	8	8	7	17
20	49	70	50	76	70	80	71	44	7	7	8	16
21	52	74	50	71	71	75	87	59	7	8	11	25
22	57	74	60	53	71	75	89	49	6	8	14	15
23	56	73	70	68	74	70	83	50	7	8	11	18
24	56	70	70	85	76	75	80	63	7	7	18	17
25	46	70	70	83	70	80	80	59	7	8	13	16
26	47	70	70	74	78	85	80	44	7	7	8	18
27	57	68	70	74	89	94	80	42	7	8	8	16
28	57	66	70	73	90	89	80	50	7	8	8	14
29	54	74	70	74	92	87	70	40	5	9	10	15
30	49	74	70	74	—	87	70	40	5	9	10	15
31	54	74	74	74	—	76	—	35	—	9	9	—
Mean	47	71	69	72	74	81	75	53	12	9	9	14
Max.	57	74	80	85	92	94	90	70	34	39	18	27
Min.	35	63	50	53	68	70	63	35	5	5	7	9
A.F.	2880	4220	4230	4440	4230	4970	4450	3280	724	528	568	847

Total acre-feet 35370

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK,
NEAR COLORADO-KANSAS STATE LINE
Sec. 27-4S-42 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	17	20	16	26	15	26	117	17	3	0	4
2	16	15	17	15	27	13	24	115	17	1	0	4
3	16	18	12	12	24	10	20	117	16	1	0	3
4	16	20	7	16	25	10	23	120	14	1	0	2
5	19	20	10	18	24	15	70	115	14	1	0	1
6	18	20	7	16	24	16	115	117	14	2	0	0
7	18	20	10	19	25	17	124	153	12	3	0	1
8	16	18	8	20	25	18	127	189	10	2	0	0
9	14	20	5	20	25	18	120	127	10	2	0	0
10	14	19	10	22	24	18	124	120	9	2	0	0
11	14	20	19	25	20	20	120	124	7	1	2	0
12	16	20	19	27	20	19	120	124	9	2	2	2
13	17	22	18	24	22	18	117	127	7	8	1	4
14	18	20	16	22	20	12	120	127	8	4	1	3
15	14	20	13	20	18	15	124	134	4	5	0	3
16	12	19	13	19	20	22	127	132	3	3	0	2
17	14	18	13	19	21	22	122	130	4	2	0	1
18	14	24	13	17	22	20	122	134	4	2	0	2
19	14	26	14	14	22	22	120	132	5	1	0	2
20	14	23	10	16	22	22	122	130	5	1	0	2
21	14	23	12	15	22	20	132	120	4	1	4	4
22	17	24	13	12	21	18	122	120	4	0	3	6
23	14	24	14	10	22	15	122	117	4	0	4	6
24	17	27	16	13	18	46	122	117	3	0	17	5
25	18	24	18	17	8	25	122	117	3	0	5	5
26	18	25	20	15	30	117	112	3	0	3	4	4
27	22	25	23	23	19	24	117	40	3	0	0	6
28	22	23	28	27	19	27	122	22	2	0	0	6
29	22	23	30	25	18	22	127	18	2	0	0	5
30	22	20	25	26	—	24	124	16	1	1	2	5
31	22	19	26	—	—	24	—	18	—	0	3	—
Mean	17	21	15	19	21	20	107	110	7	2	2	3
Max.	22	27	30	27	27	46	132	189	17	8	17	6
Min.	12	15	5	10	8	10	20	16	1	0	0	0
A.F.	1020	1260	935	1170	1230	1230	6370	6750	437	98	101	175

Total acre-feet 20780

BUREAU OF IRRIGATION

597

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT BENKELMAN
Sec. 19-1-37 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	91	139	117	90	294	102	173	148	108	6	0	6
2	86	139	123	87	248	95	152	159	91	5	1	7
3	86	140	125	90	215	94	141	143	84	4	3	8
4	91	140	114	88	205	86	135	127	82	4	2	6
5	94	140	103	92	187	99	129	110	77	5	5	6
6	100	145	117	92	168	143	117	100	70	6	4	5
7	103	145	114	90	148	148	129	110	63	12	3	3
8	105	145	82	98	182	139	137	211	56	12	2	2
9	101	141	64	100	177	163	139	141	46	12	2	2
10	100	133	63	99	173	154	129	137	34	12	2	6
11	98	133	89	96	152	148	133	137	27	9	3	5
12	98	135	118	111	141	177	131	148	27	10	4	4
13	96	139	126	116	150	168	145	141	24	12	3	5
14	105	143	79	119	152	148	145	143	22	17	2	6
15	116	139	35	124	148	141	148	150	17	33	1	8
16	117	137	52	130	143	148	175	173	12	27	0	14
17	117	133	90	134	152	163	190	159	12	22	0	12
18	117	135	99	137	175	180	187	161	10	17	4	14
19	117	141	92	138	173	177	187	154	10	12	5	14
20	117	145	85	132	154	165	192	154	10	9	4	14
21	121	154	67	117	150	145	244	154	12	14	5	17
22	127	135	63	90	144	130	284	150	10	12	6	20
23	127	112	79	78	137	120	221	159	10	6	7	24
24	119	94	84	107	117	200	203	163	9	0	7	23
25	114	91	84	121	86	323	197	161	9	0	7	24
26	110	103	86	140	90	337	180	145	8	0	5	23
27	110	119	87	165	101	277	175	145	8	0	3	22
28	121	119	90	181	122	208	161	137	7	0	3	22
29	127	119	92	188	118	195	148	137	6	0	4	23
30	131	116	92	204	-----	187	137	145	5	0	6	24
31	139	-----	91	254	-----	195	-----	185	-----	0	4	-----
Mean	110	132	90	123	159	166	165	148	32	9	3	12
Max.	139	154	126	254	294	337	284	211	108	33	7	24
Min.	86	91	35	78	86	86	117	100	5	0	0	2
A.F.	6750	7830	5560	7560	9130	10220	9850	9100	1920	554	209	732

Total acre-feet 69420

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER, SOUTH FORK, NEAR
BENKELMAN—Sec. 31-1-37 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	31	24	11	85	14	155	142	46	0	0	0
2	22	28	23	12	72	14	138	142	31	0	0	0
3	19	35	22	12	40	15	126	142	26	0	0	0
4	18	46	19	13	32	14	115	142	23	0	0	0
5	26	44	20	14	48	14	98	130	18	0	0	0
6	40	36	23	14	40	27	88	126	16	0	0	0
7	40	33	61	16	40	32	108	126	15	0	0	0
8	33	33	59	16	38	34	138	484	13	0	0	0
9	28	31	40	16	36	34	151	223	11	0	0	0
10	26	28	32	19	34	34	170	165	8	0	0	0
11	29	28	34	23	34	34	155	138	4	0	0	0
12	29	28	42	27	34	34	151	134	3	0	0	0
13	29	24	41	31	33	36	155	130	2	0	0	0
14	36	24	15	32	31	35	138	126	2	382	0	0
15	31	22	6	31	31	35	151	122	0	80	0	0
16	28	20	5	30	28	48	170	179	0	16	0	0
17	23	20	5	30	31	52	170	155	0	3	0	0
18	23	23	5	33	36	50	160	170	0	0	0	0
19	24	23	6	33	34	48	160	165	0	0	0	0
20	26	33	5	32	26	46	165	174	0	0	0	0
21	26	31	5	32	24	44	198	160	0	0	0	0
22	28	28	5	17	25	40	233	130	0	0	0	0
23	28	28	7	22	23	50	198	118	0	0	0	0
24	28	26	10	21	14	100	179	130	0	0	0	0
25	28	26	12	27	8	208	170	115	0	0	0	0
26	28	16	33	7	264	160	105	0	0	0	0	0
27	33	28	18	49	9	248	151	121	0	0	0	0
28	36	24	20	53	13	233	142	85	0	0	0	0
29	36	24	21	53	13	223	134	54	0	0	0	0
30	33	24	19	55	-----	213	134	52	0	0	0	0
31	31	-----	16	64	-----	184	-----	52	-----	0	0	0
Mean	29	29	21	28	32	79	152	143	7	16	0	0
Max.	40	46	61	64	85	264	233	484	46	382	0	0
Min.	18	20	5	11	7	14	88	52	0	0	0	0
A.F.	1760	1700	1260	1730	1820	4870	9050	8800	432	954	0	0

Total acre-feet 32380

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT STRATTON
Sec. 13-2-35 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	138	211	211	105	342	150	297	334	217	0	0	0
2	128	200	183	103	404	150	282	319	156	0	0	0
3	133	200	178	110	350	150	262	289	119	0	0	0
4	133	211	161	110	250	150	250	270	99	0	0	0
5	133	183	136	112	200	150	230	240	110	0	0	0
6	133	189	152	112	200	150	200	206	91	0	0	0
7	147	178	156	114	200	250	217	236	76	0	0	0
8	152	217	107	119	200	250	230	636	67	0	0	0
9	142	161	24	123	200	250	250	319	58	0	0	0
10	138	189	26	125	200	250	230	250	49	0	0	0
11	123	256	64	133	200	276	250	250	38	0	0	0
12	128	276	183	141	200	312	250	250	28	0	0	0
13	128	256	188	151	200	304	250	250	19	0	0	0
14	142	217	93	164	200	289	243	250	13	159	0	0
15	161	183	42	166	200	297	250	250	10	147	0	0
16	152	178	46	171	200	304	319	423	5	106	0	0
17	138	152	65	176	200	373	373	304	1	76	0	0
18	138	189	89	171	200	326	361	312	0	34	0	0
19	142	211	96	173	200	297	364	319	0	5	0	0
20	156	211	91	171	200	276	334	319	0	0	0	0
21	152	217	84	171	150	256	398	341	0	0	0	0
22	156	167	79	136	150	172	494	341	0	0	0	0
23	156	142	88	114	150	152	349	304	0	0	0	0
24	161	152	95	116	150	254	326	356	0	0	0	0
25	172	161	101	161	150	618	326	356	0	0	0	0
26	178	172	101	175	150	623	349	364	0	0	0	0
27	183	178	108	199	150	513	326	373	0	0	0	0
28	200	211	116	217	150	364	289	312	0	0	0	0
29	230	230	119	250	150	349	276	200	0	0	0	0
30	230	211	112	268	-----	341	269	200	0	0	0	0
31	211	-----	105	280	-----	319	-----	292	0	0	0	0
Mean	155	197	109	156	203	288	295	305	38	17	0	0
Max.	230	276	211	280	404	623	494	636	217	159	0	0
Min.	123	142	24	103	150	150	200	200	0	0	0	0
A.F.	9550	11720	6710	9590	11690	17680	17560	18770	2290	1050	0	0

Total acre-feet 106630

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT TRENTON
Sec. 2-2-33 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	132	167	162	114	497	246	240	350	316	0	0	0
2	132	160	162	112	686	217	217	350	181	0	0	0
3	124	162	158	103	657	186	217	322	132	0	0	0
4	117	158	158	99	302	75	217	275	110	0	0	0
5	128	196	158	99	202	100	202	240	99	0	0	0
6	171	212	167	99	207	252	191	207	96	0	0	0
7	186	207	186	108	181	366	207	207	68	0	0	0
8	171	207	150	106	181	269	246	622	52	0	0	0
9	158	202	52	116	191	234	240	420	40	0	0	0
10	145	191	22	124	181	246	309	252	30	0	0	0
11	141	191	42	130	171	234	316	246	19	0	0	0
12	137	186	168	139	191	240	322	252	10	0	0	0
13	150	186	191	142	212	263	302	257	6	0	0	0
14	154	186	52	156	252	222	316	257	4	40	0	0
15	150	181	49	156	246	309	336	275	3	124	0	0
16	150	162	41	171	240	302	406	478	1	75	0	0
17	137	128	55	184	222	309	493	390	0	26	0	0
18	128	124	69	195	246	288	466	302	0	9	0	0
19	128	150	89	204	240	217	457	302	0	1	0	0
20	137	181	95	205	217	181	457	316	0	0	0	0
21	141	196	94	210	196	171	530	350	0	1	0	0
22	154	176	93	214	167	132	653	329	0	0	0	0
23	158	176	91	201	181	117	610	309	0	0	0	0
24	150	176	96	165	181	167	493	316	0	0	0	0
25	145	176	101	168	54	505	475	288	0	0	0	0
26	141	158	103	208	106	620	457	275	0	0	0	0
27	158	154	109	231	222	475	398	263	0	0	0	0
28	191	158	118	240	196	366	366	269	0	0	0	0
29	191	167	118	239	252	390	336	217	0	0	0	0
30	186	171	116	238	-----	382	322	196	0	0	0	0
31	171	-----	110	274	-----	329	-----	202	0	0	0	0
Mean	150	175	109	166	244	271	360	301	39	9	0	0
Max.	191	212	191	274	686	620	653	622	316	124	0	0
Min.	117	124	22	99	54	75	181	196	0	0	0	0
A.F.	9250	10400	6700	10210	14040	16680	21420	18510	2310	548	3	0

Total acre-feet 110070

BUREAU OF IRRIGATION

599

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER AT CAMBRIDGE
Sec. 28-4-25 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	292	396	439	245	628	528	794	650	390	37	51	100
2	282	420	445	258	686	469	746	873	465	27	55	84
3	292	408	432	250	1020	469	890	688	408	35	59	62
4	287	420	414	262	1030	416	650	634	317	46	66	42
5	287	420	414	258	706	346	626	586	277	300	80	34
6	297	432	408	266	534	466	626	541	254	590	86	26
7	322	445	396	269	485	602	602	563	254	307	78	23
8	361	378	402	271	472	722	586	520	222	249	74	18
9	350	350	330	274	458	634	642	1100	194	144	78	16
10	317	339	260	274	465	818	898	882	168	114	112	14
11	317	402	267	289	472	634	706	682	141	104	138	14
12	402	408	292	297	478	690	714	594	117	92	138	14
13	384	420	402	330	505	698	714	541	97	118	141	15
14	378	452	351	364	541	650	658	548	86	941	129	15
15	402	491	245	385	548	634	658	541	74	420	126	16
16	402	485	194	390	563	674	690	570	67	244	114	22
17	420	452	172	365	556	698	714	903	59	222	107	24
18	426	302	158	375	541	828	714	738	49	175	112	22
19	390	292	152	396	548	754	698	690	39	135	117	20
20	317	292	150	387	586	674	706	674	42	102	117	20
21	307	328	159	362	548	698	650	658	55	92	112	20
22	282	366	161	312	548	594	837	714	46	78	104	16
23	297	390	165	276	541	505	936	738	39	66	104	15
24	302	384	173	265	563	512	778	714	37	56	100	15
25	350	390	176	267	527	650	730	570	35	46	100	15
26	350	372	182	309	452	981	674	570	37	46	94	16
27	356	408	193	340	445	1010	658	1160	50	41	92	16
28	366	445	207	366	666	936	658	602	64	38	80	16
29	378	445	214	366	650	882	642	472	47	39	64	16
30	390	445	221	441	.....	864	666	458	44	34	91	16
31	378	.....	237	512	.....	855	.....	420	44	34	147	.....
Mean	345	399	271	323	578	667	695	664	139	160	99	26
Max.	426	491	445	512	1030	1010	936	1160	465	941	147	100
Min.	282	292	150	245	445	346	586	420	35	27	51	14
A.F.	21190	23760	16680	19680	33250	41040	41380	40840	8280	9670	6080	1520

Total acre-feet 263770

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR ORLEANS
Sec. 19-2-19 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	316	361	442	231	504	596	912	870	425	30	16	42
2	307	365	442	238	640	544	858	894	398	21	10	97
3	303	379	450	242	976	486	834	1010	369	15	6	79
4	307	387	450	251	1240	434	777	782	369	10	4	65
5	303	383	458	257	1150	412	738	738	327	6	6	47
6	330	402	458	260	888	585	716	706	287	8	5	34
7	320	394	446	264	777	635	722	680	269	285	18	22
8	320	417	446	270	706	804	711	728	240	243	96	10
9	333	413	412	274	660	924	700	716	218	160	59	4
10	333	391	326	280	620	828	716	1240	180	127	43	1
11	330	383	264	284	615	810	744	894	160	89	125	0
12	310	406	317	288	625	840	760	744	147	97	722	0
13	333	429	315	292	620	906	728	660	127	94	358	0
14	354	425	224	298	620	912	711	605	105	1310	187	0
15	347	437	218	298	655	810	685	578	92	1210	127	0
16	347	471	180	307	695	834	685	716	79	475	94	0
17	361	471	174	313	711	816	728	700	68	287	75	0
18	372	480	169	319	695	840	755	858	60	229	71	0
19	383	391	169	332	690	982	750	716	48	205	68	0
20	383	351	177	333	595	843	846	670	44	143	54	0
21	344	344	184	321	577	788	816	640	42	104	48	0
22	323	354	184	333	580	690	766	655	43	90	45	0
23	303	369	197	348	602	832	956	635	45	72	46	0
24	300	379	202	355	614	843	1000	670	32	61	50	0
25	300	379	208	360	604	639	864	630	20	50	51	0
26	303	383	208	375	542	696	810	525	16	42	47	0
27	340	379	210	377	561	859	766	744	37	35	41	0
28	340	391	214	360	589	924	728	1160	33	26	40	0
29	347	421	217	363	639	909	728	630	28	28	57	0
30	347	433	222	381	.....	976	744	484	38	26	50	0
31	354	.....	226	426	.....	943	.....	450	.....	20	37	.....
Mean	332	399	284	311	689	763	775	733	145	181	86	13
Max.	383	480	458	426	1240	982	1000	1240	425	1310	722	97
Min.	300	344	169	231	504	412	685	450	16	6	4	0
A.F.	20420	23740	17470	19100	39650	46890	48120	45080	8620	11100	5270	796

Total acre-feet 284260

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	612	582	606	295	603	632	1100	950	672	200	168	73
2	600	582	612	290	580	634	1070	1430	600	147	159	66
3	594	582	618	313	570	590	1020	2310	541	116	116	62
4	588	600	624	330	578	438	985	2000	512	98	81	62
5	576	594	624	339	871	345	957	1400	524	88	66	61
6	588	600	624	353	960	450	908	1180	382	81	61	55
7	612	606	630	367	876	736	880	1030	354	127	55	52
8	594	594	606	378	811	732	838	950	267	264	76	47
9	618	606	500	369	783	1210	810	985	241	358	294	47
10	600	600	400	410	774	957	804	936	141	244	220	52
11	606	570	382	425	750	1070	824	1350	427	217	153	50
12	588	558	457	440	744	897	907	1180	683	177	153	47
13	564	570	588	451	768	859	901	999	278	304	632	42
14	564	600	553	470	768	929	915	908	230	2600	447	41
15	600	594	408	462	768	943	908	831	200	3070	323	38
16	594	606	279	462	786	838	894	810	168	2610	256	35
17	576	624	269	463	792	880	894	1050	153	1430	210	34
18	570	576	257	459	792	852	943	1400	141	859	168	32
19	570	535	245	459	792	908	985	1340	130	750	127	30
20	594	582	241	452	756	985	971	1170	119	612	100	29
21	594	558	262	448	714	999	1080	992	121	479	134	29
22	570	518	281	405	636	848	1170	894	110	386	343	29
23	553	506	280	398	672	642	1240	887	100	327	184	28
24	547	512	290	468	762	744	1220	852	93	274	410	27
25	524	529	299	528	642	957	1270	873	84	220	288	26
26	524	529	301	560	612	1050	1110	894	81	187	162	27
27	547	524	306	572	762	1270	1010	780	88	153	119	26
28	570	524	310	588	738	1310	964	1070	96	133	100	24
29	582	535	307	576	660	1340	922	1490	100	267	88	21
30	588	582	315	585	-----	1210	922	950	110	159	86	18
31	582	-----	309	591	-----	1150	-----	732	-----	124	79	-----
Mean	580	569	412	443	735	884	980	1116	258	550	189	40
Max.	618	624	630	591	960	1340	1270	2310	683	3070	632	73
Min.	524	506	241	290	570	345	804	732	81	81	55	18
A.F.	35680	33870	25350	27230	42290	54340	58320	68630	15360	33840	11620	2400

Total acre-feet 408930

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR GUIDE ROCK Sec. 7-1-9 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	733	608	659	453	1210	760	1270	940	818	126	119	77
2	692	652	692	444	1070	893	1210	980	739	122	100	63
3	678	678	692	447	1170	940	1190	1720	652	138	90	58
4	893	685	685	465	1230	500	1140	2960	589	148	90	54
5	733	692	685	465	1290	534	1090	2360	552	144	90	63
6	678	685	678	465	1730	570	1040	1580	546	241	90	54
7	672	686	672	474	1620	636	988	1340	438	1480	90	52
8	666	672	666	486	1280	1200	964	1140	370	304	90	46
9	633	620	652	480	1090	1060	1020	1030	295	296	90	25
10	614	608	577	480	956	1170	972	1050	228	295	90	19
11	620	666	488	496	855	1290	972	1010	144	309	175	13
12	626	633	432	502	811	1430	1040	1450	133	291	122	28
13	608	614	493	531	811	1150	1060	1280	645	261	84	42
14	589	614	530	541	818	1030	1040	1070	245	4790	267	44
15	577	646	433	554	796	1080	1030	996	144	4470	389	40
16	620	640	368	571	789	1090	1010	948	99	3880	248	38
17	601	640	345	574	811	1010	1000	925	95	2770	190	36
18	528	659	397	604	825	1100	1080	1160	95	1630	155	38
19	523	626	399	636	825	988	1070	1680	95	1010	130	40
20	608	608	384	678	796	988	1080	1620	95	1780	100	42
21	640	626	348	620	767	1080	1110	2170	95	802	70	42
22	659	633	356	540	753	1170	1400	2590	95	550	56	42
23	626	601	400	511	666	1000	1430	1160	95	400	180	42
24	589	583	454	600	719	1150	1400	1060	95	274	155	42
25	577	640	434	660	840	1170	1360	988	95	244	238	44
26	570	626	442	785	719	1190	1420	964	95	190	278	42
27	620	620	450	959	692	1220	1220	948	250	141	148	36
28	620	608	444	1040	848	1540	1070	833	110	104	85	38
29	640	614	441	1140	917	1500	980	1140	110	392	65	32
30	601	614	447	1320	-----	1560	933	1780	120	395	65	22
31	601	-----	462	1320	-----	1380	-----	1120	-----	220	88	-----
Mean	633	636	503	640	955	1077	1120	1355	273	908	136	42
Max.	893	692	692	1330	1730	1560	1430	2960	813	4790	369	77
Min.	523	583	345	444	666	500	933	833	95	104	58	13
A.F.	38950	37840	30950	39370	54950	66210	66620	83290	16220	55910	8380	2490

Total acre-feet 501180

BUREAU OF IRRIGATION

601

DISCHARGE IN SECOND-FEET OF REPUBLICAN RIVER NEAR HARDY
Sec. 6-15-5 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	970	633	640	500	900	930	1520	1150	1200	446	252	165
2	910	848	656	500	800	845	1380	1170	900	230	165	165
3	920	712	680	500	920	990	1300	1200	800	201	157	142
4	1170	688	680	500	1100	600	1250	2580	720	234	197	125
5	1160	672	688	500	1300	620	1210	3000	680	213	165	103
6	980	680	704	500	1500	650	1170	2200	630	201	138	98
7	920	680	704	500	1980	656	1150	1560	590	1110	125	103
8	890	680	688	400	1450	720	1140	1410	540	1140	128	103
9	881	680	656	420	1200	1310	1310	1220	500	374	112	80
10	845	664	619	490	1020	1150	1250	1120	440	261	98	80
11	845	664	563	540	980	1340	1200	1160	356	350	106	76
12	827	712	535	560	910	1360	1390	1160	290	280	234	73
13	809	672	563	580	900	1480	1420	1660	280	243	193	70
14	792	648	530	600	890	1170	1350	1340	768	2790	157	73
15	760	664	440	620	881	1120	1300	1160	452	7200	262	78
16	720	688	450	640	863	1210	1200	1070	350	4640	428	76
17	728	656	500	660	854	1210	1180	1060	305	4060	280	76
18	696	610	500	680	890	1250	1210	1090	295	2670	238	70
19	633	650	500	700	920	1320	1460	1350	270	1680	205	68
20	664	696	500	700	910	1200	1320	1780	240	1320	169	66
21	752	664	500	690	860	1200	1390	2920	240	1900	145	63
22	752	672	500	640	870	1300	1760	4950	230	990	135	60
23	752	680	500	540	890	650	1980	2110	200	720	142	58
24	720	656	500	570	809	1430	1640	1300	177	500	205	54
25	672	672	500	650	780	872	1530	1100	153	338	230	52
26	633	680	500	720	850	1010	1500	1100	201	290	248	52
27	648	656	500	800	827	1210	1560	1100	2800	243	305	50
28	688	640	500	870	800	1380	1460	1000	902	177	201	45
29	664	640	500	930	980	1720	1280	950	285	181	173	43
30	680	640	500	980	.....	1880	1210	1300	374	526	173	37
31	633	.....	500	1000	.....	1810	.....	1800	.....	422	161	.....
Mean	797	667	558	628	998	1148	1367	1580	539	1159	191	80
Max.	1170	712	704	1000	1980	1880	1980	4950	2800	7200	428	165
Min.	633	610	440	400	780	600	1140	95	153	177	98	37
A.F.	49020	39660	34310	38640	57390	70600	81360	97150	32070	71270	11760	4770

Total acre-feet 588000

DISCHARGE IN SECOND-FEET OF ROCK CREEK AT PARKS
Sec. 21-1-39 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	15	14	13	15	18	16	17	14	13	11	13
2	16	16	14	14	15	17	16	16	14	13	11	13
3	16	16	14	14	17	18	16	15	14	12	13	13
4	16	16	14	14	17	17	16	14	14	12	13	13
5	16	16	14	14	17	17	16	14	14	12	12	13
6	16	16	15	14	17	17	16	13	13	11	12	13
7	16	16	15	15	17	18	16	13	13	12	12	12
8	16	16	14	15	18	18	16	13	13	12	12	12
9	16	16	13	15	18	18	16	14	13	11	11	12
10	16	16	14	15	18	18	16	14	12	11	11	11
11	15	16	15	15	18	18	16	13	12	11	11	12
12	14	16	15	15	18	18	16	13	11	11	11	12
13	15	16	15	15	18	18	16	13	10	11	11	12
14	15	16	14	15	18	18	16	13	10	12	11	12
15	15	16	12	16	18	19	16	15	9	12	11	12
16	15	16	12	15	18	19	17	17	9	12	11	12
17	15	16	13	15	18	19	17	16	9	11	11	12
18	15	15	14	15	18	18	17	16	9	11	12	12
19	15	16	12	16	17	18	17	17	11	12	12	12
20	15	16	10	16	17	18	17	19	12	11	12	13
21	15	16	10	16	17	16	19	18	12	11	12	13
22	15	16	12	14	17	12	19	17	13	11	12	13
23	15	16	14	12	16	14	18	16	13	11	12	13
24	15	16	14	13	16	20	18	16	12	11	12	14
25	15	16	13	14	16	27	17	15	12	11	12	14
26	15	16	13	14	16	21	17	15	12	11	12	14
27	16	15	14	14	16	19	17	14	13	11	12	13
28	16	15	15	14	17	17	16	14	13	11	12	14
29	16	14	16	14	18	17	16	14	13	11	12	14
30	16	14	15	15	.....	16	16	15	13	11	12	13
31	15	.....	13	14	.....	16	.....	14	.....	11	12	.....
Mean	15	16	14	14	17	18	17	15	12	11	12	13
Max.	16	16	16	18	27	19	19	19	14	13	13	14
Min.	14	14	10	12	15	12	16	13	9	11	11	11
A.F.	946	936	837	893	984	1100	988	918	719	702	720	756

Total acre-feet 10500

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF SALT CREEK AT LINCOLN
Sec. 12-10-6 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	86	98	94	65	73	84	460	344	147	360	102	252
2	90	94	94	65	77	111	356	308	142	281	102	106
3	122	90	92	67	111	61	230	252	140	234	129	94
4	540	105	88	70	129	62	220	220	129	171	115	94
5	300	125	82	65	120	92	230	234	127	163	115	82
6	140	120	78	65	61	84	224	227	127	102	92	77
7	120	115	73	68	92	102	159	210	109	150	92	69
8	110	110	73	70	86	122	213	213	100	140	137	73
9	100	113	75	72	73	100	1320	200	96	134	117	64
10	95	113	77	75	84	162	1220	177	96	124	137	58
11	91	98	86	77	84	203	1090	147	100	115	127	59
12	87	100	90	100	84	460	1360	177	100	189	96	58
13	81	102	71	130	106	1180	1360	171	98	1860	53	56
14	74	82	65	174	180	612	697	165	96	5220	458	68
15	73	88	60	422	183	340	447	177	92	4250	206	66
16	77	82	52	451	98	312	368	949	88	662	117	71
17	79	82	50	300	71	526	426	562	73	270	88	58
18	82	82	55	270	78	900	638	259	94	210	102	54
19	83	77	70	250	109	1710	517	230	127	187	98	54
20	84	92	75	230	82	504	364	224	147	241	124	58
21	90	100	75	205	75	308	981	278	252	193	82	62
22	350	102	75	183	102	252	2020	784	266	165	456	61
23	135	113	76	153	96	80	1260	1180	142	129	134	58
24	92	122	80	117	96	127	674	413	886	177	80	54
25	88	120	75	96	62	159	512	220	241	122	216	53
26	86	78	70	68	73	259	434	244	903	98	815	62
27	94	96	70	68	115	566	393	234	12000	96	165	54
28	98	98	69	68	115	1240	336	234	4510	80	162	60
29	100	96	70	69	80	1210	312	180	720	77	548	68
30	100	96	75	69	...	1340	308	162	800	77	308	64
31	98	...	70	59	...	1370	...	153	...	98	348	...
Mean	124	100	74	137	96	472	638	307	765	528	191	72
Max.	540	125	94	451	183	1710	2020	1180	12000	5220	815	252
Min.	73	77	50	59	61	61	159	147	73	77	53	53
A.F.	7630	5930	4570	8410	5540	29030	37940	18900	45520	32490	11740	4310

Total acre-feet 212010

DISCHARGE IN SECOND-FEET OF SALT CREEK AT ROCA
Sec. 17-8-7 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20	23	17	10	16	17	145	54	18	21	11	15
2	16	17	15	9	19	26	70	46	17	18	11	15
3	22	18	14	9	24	15	53	39	17	15	12	14
4	276	19	13	10	21	16	44	42	16	13	14	10
5	115	26	12	12	17	16	23	38	14	12	13	9
6	28	29	11	14	10	15	23	35	13	12	12	8
7	19	28	10	16	14	20	23	31	13	15	8	11
8	17	27	10	17	13	25	170	28	13	12	17	14
9	14	29	10	17	12	20	1410	25	13	11	8	6
10	13	24	18	18	13	27	491	20	13	11	11	6
11	12	24	19	20	14	35	741	24	13	10	9	6
12	11	25	18	22	14	170	786	24	13	9	9	5
13	10	20	16	24	35	537	594	23	12	1670	8	5
14	10	17	12	72	80	249	220	23	11	6070	50	5
15	9	18	10	160	50	134	114	22	11	1170	42	5
16	9	16	8	100	23	338	60	140	10	130	14	5
17	10	12	5	76	20	585	81	113	10	41	14	5
18	15	13	8	65	21	930	214	38	12	26	25	5
19	18	14	10	52	34	599	127	40	28	22	15	4
20	18	17	11	41	27	246	157	38	18	36	13	5
21	33	21	11	35	18	108	660	38	127	53	895	5
22	34	23	12	17	27	62	540	674	45	21	158	5
23	19	25	12	11	25	34	249	391	14	17	53	5
24	10	24	12	9	24	36	110	100	13	14	45	5
25	10	21	11	10	15	74	70	45	17	14	18	4
26	11	18	11	10	21	186	62	30	998	13	58	5
27	36	19	10	10	35	477	58	34	3320	12	14	4
28	29	20	10	10	37	910	55	28	604	12	10	4
29	24	19	10	8	26	526	49	24	320	12	712	5
30	24	18	11	11	...	558	45	20	100	12	62	5
31	24	...	11	14	...	279	...	18	...	13	50	...
Mean	30	21	12	29	24	235	248	72	195	307	77	7
Max.	276	29	19	160	80	930	1410	674	3320	6070	895	15
Min.	9	12	5	8	10	15	23	18	10	9	8	4
A.F.	1820	1240	730	1800	1400	14420	14760	4450	11590	18870	4740	398

Total acre-feet 76220

BUREAU OF IRRIGATION

603

DISCHARGE IN SECOND-FEET OF SALT CREEK NEAR ASHLAND
 Sec. 31-13-10 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	188	207	238	144	255	244	1280	608	308	707	184	450
2	198	188	233	150	330	290	590	644	342	398	202	284
3	198	166	223	160	380	212	581	617	335	328	250	266
4	862	170	233	166	430	166	486	599	302	284	328	228
5	1080	198	223	166	460	155	486	528	290	254	296	207
6	348	249	218	154	450	175	445	528	296	244	202	193
7	272	218	207	157	430	155	437	520	272	260	202	180
8	244	218	184	163	328	185	452	545	244	290	414	180
9	228	233	143	160	290	200	1830	528	244	249	617	180
10	218	244	175	160	414	290	2670	511	254	195	342	180
11	207	244	162	173	254	590	1960	460	254	157	238	175
12	202	244	180	182	244	934	2790	445	254	154	193	166
13	198	249	164	184	302	2320	3500	445	249	3270	180	170
14	184	236	142	229	477	1610	1740	437	249	4960	2140	170
15	170	223	128	803	545	782	1020	445	238	6910	1240	162
16	170	188	83	1050	391	51	301	1210	238	1930	644	166
17	175	119	78	791	348	626	754	1380	272	545	302	162
18	180	126	81	439	254	1290	1000	590	328	398	238	162
19	180	136	127	391	195	3000	858	468	335	335	308	154
20	180	175	136	310	205	1290	868	406	321	545	429	162
21	180	193	146	291	170	635	924	536	1040	452	284	162
22	716	193	144	239	190	644	4550	911	792	362	662	154
23	355	202	144	200	240	180	3000	2960	486	314	437	150
24	228	184	161	200	180	275	1710	1020	1070	223	233	146
25	198	188	142	203	180	290	1090	502	896	233	272	150
26	188	228	142	218	184	445	820	452	483	233	2550	166
27	207	218	152	201	249	792	763	502	14200	238	1820	154
28	218	244	149	211	233	2250	734	572	8730	193	590	125
29	228	238	142	205	266	2710	653	460	3030	212	996	136
30	223	212	160	227	-----	3270	572	362	1290	193	560	146
31	212	153	244	-----	-----	2760	-----	328	-----	184	680	-----
Mean	279	205	161	276	306	944	1312	662	1255	815	582	183
Max.	1080	249	238	1050	545	3270	4550	2960	14200	6910	2550	450
Min.	170	119	78	144	170	155	437	328	238	154	180	125
A.F.	17130	12180	9900	17000	17600	58070	78080	40700	74660	50080	35770	10890

Total acre-feet 422060

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR BEAVER CITY
 Sec. 14-1-23 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	55	30	24	18	22	20	32	778	22	12	9	4
2	54	29	24	17	23	19	42	259	26	8	8	4
3	51	29	24	17	23	17	43	82	20	8	7	3
4	48	28	23	17	22	17	38	104	21	8	6	3
5	46	27	24	17	22	17	35	42	21	8	6	3
6	45	26	24	17	22	18	34	33	19	8	126	3
7	45	26	24	17	22	20	31	31	18	8	100	2
8	46	26	24	18	22	22	31	29	19	13	30	2
9	44	27	22	18	22	22	31	27	20	10	13	2
10	44	27	22	18	22	23	31	27	19	6	7	1
11	44	27	22	19	21	23	29	28	17	6	7	1
12	43	28	22	19	22	27	29	26	15	6	15	1
13	42	29	21	20	20	25	29	25	13	10	40	1
14	40	29	21	20	20	27	30	25	13	241	31	1
15	39	30	20	21	20	24	28	25	12	220	20	1
16	38	31	19	21	21	26	27	149	10	95	12	1
17	39	31	19	21	22	26	29	188	10	64	8	1
18	38	31	19	21	20	23	29	212	10	65	5	1
19	34	31	19	21	20	26	34	80	9	81	5	1
20	34	31	18	21	20	26	114	49	9	38	4	1
21	33	28	18	21	19	26	60	37	9	23	15	1
22	33	29	18	19	19	22	43	47	9	16	102	1
23	33	30	18	18	19	20	41	125	8	11	20	1
24	33	30	17	18	19	20	32	58	8	9	9	1
25	32	28	17	18	18	22	33	110	8	8	5	1
26	32	26	17	19	19	22	29	104	9	7	4	1
27	32	26	17	19	21	22	29	122	28	6	4	1
28	32	24	18	20	21	28	29	36	145	5	5	1
29	32	24	19	20	22	26	31	29	21	83	4	1
30	31	24	19	21	-----	26	165	24	13	95	5	1
31	40	28	20	19	22	29	-----	41	25	17	4	-----
Mean	40	28	20	19	21	23	29	85	19	38	21	2
Max.	55	31	24	22	23	29	165	778	145	241	126	4
Min.	31	24	17	17	18	17	27	22	8	5	4	1
A.F.	2430	1670	1260	1180	1200	1410	2420	5820	1150	2370	1270	101

Total acre-feet 22280

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF SAPPA CREEK NEAR STAMFORD
Sec. 23-2-20 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	156	91	80	51	67	40	94	545	100	57	90	14
2	152	89	80	51	69	43	96	1420	96	38	45	14
3	149	91	80	50	63	45	111	556	94	34	31	17
4	141	90	79	52	67	42	123	248	95	30	27	22
5	132	89	79	54	65	50	122	216	90	28	24	17
6	133	88	78	54	66	59	115	168	86	35	23	14
7	133	88	75	54	65	67	110	141	85	34	24	12
8	131	88	74	54	73	78	106	130	83	28	152	10
9	130	88	53	54	62	79	99	124	77	28	79	8
10	129	88	70	53	73	77	95	115	75	32	45	7
11	125	90	73	55	70	69	92	110	74	32	31	6
12	125	91	65	57	64	71	89	107	74	25	28	6
13	122	94	74	58	67	70	87	107	68	45	25	5
14	120	96	50	60	62	74	84	103	64	1520	50	5
15	120	93	44	61	62	64	82	115	58	1490	64	5
16	119	90	44	62	58	76	83	215	53	373	42	5
17	116	83	44	61	58	72	83	774	51	222	32	4
18	114	77	47	60	58	76	82	342	49	162	24	4
19	114	74	50	60	58	76	83	321	48	140	21	3
20	109	88	51	55	48	77	178	214	46	122	18	3
21	104	90	50	52	38	77	182	157	46	113	16	3
22	101	88	50	39	42	70	183	142	47	79	16	3
23	97	82	51	40	42	65	124	132	43	62	62	3
24	97	79	52	41	42	79	113	140	41	55	54	3
25	97	86	52	40	28	71	107	183	39	49	27	4
26	97	82	53	44	29	91	96	130	38	43	18	3
27	96	82	53	51	40	95	94	242	42	38	15	3
28	96	80	55	65	41	90	88	264	50	32	13	2
29	96	80	56	63	42	90	87	184	139	31	15	2
30	96	80	56	67	.....	82	87	115	113	57	19	2
31	94	.....	55	76	.....	90	.....	108	.....	123	15	.....
Mean	117	86	60	55	56	71	106	254	69	167	37	7
Max.	156	96	80	76	73	95	183	1420	139	1520	152	22
Min.	94	74	44	39	28	40	82	103	38	25	13	2
A.F.	7220	5150	3720	3360	3210	4370	6300	15610	4090	10270	2270	415

Total acre-feet 65980

DISCHARGE IN SECOND-FEET OF SHEEP CREEK NEAR MORRILL
Sec. 16-23-57 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	128	120	103	91	82	81	78	73	84	47	10	10
2	130	120	104	90	83	80	78	72	84	7	9	10
3	135	119	104	89	83	80	80	70	84	6	9	10
4	136	118	103	88	83	81	79	69	86	5	10	10
5	132	118	103	86	85	81	77	70	86	5	10	9
6	138	117	104	86	84	81	77	73	37	5	10	9
7	135	116	100	87	86	80	77	75	6	5	13	11
8	135	121	98	90	89	81	77	75	5	5	15	11
9	135	119	95	86	89	81	78	75	5	4	16	12
10	133	115	97	86	89	80	77	75	5	4	19	12
11	134	114	103	86	89	80	77	76	5	4	22	10
12	136	114	103	86	88	81	76	76	6	4	13	9
13	136	114	101	89	89	81	76	78	8	16	5	7
14	134	111	99	90	88	81	76	33	8	7	5	7
15	132	107	97	91	88	83	77	4	11	7	5	8
16	130	104	96	90	88	82	78	41	9	6	6	8
17	130	103	96	90	90	86	76	77	9	6	7	8
18	128	104	95	89	89	85	75	30	10	6	6	8
19	125	104	96	89	88	86	73	6	11	6	6	7
20	129	107	96	87	84	84	72	8	12	6	6	8
21	130	108	97	86	84	81	70	99	31	6	7	10
22	128	106	97	83	84	80	69	99	107	6	8	9
23	126	105	97	84	83	80	69	95	100	6	10	8
24	123	104	98	84	82	79	70	93	99	6	9	8
25	122	106	96	86	81	78	68	90	115	6	7	10
26	125	105	97	86	82	78	68	89	116	7	6	10
27	128	107	97	87	83	76	70	90	138	7	5	9
28	126	105	99	88	83	79	69	88	119	7	10	9
29	124	106	98	86	83	81	66	87	102	7	8	86
30	121	104	97	85	82	80	70	87	98	7	9	144
31	121	93	82	.....	82	70	.....	85	.....	9	10	.....
Mean	130	111	99	87	86	81	74	70	53	7	9	16
Max.	138	121	104	91	90	86	80	99	138	47	22	144
Min.	121	103	93	82	81	76	66	4	5	4	5	7
A.F.	7980	6590	6070	5360	4920	4980	4410	4280	3170	460	573	963

Total acre-feet 49760

BUREAU OF IRRIGATION

605

DISCHARGE IN SECOND-FEET OF SHELL CREEK AT NEWMAN GROVE
Sec. 2-20-4 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	2	2	2	28	2	5	3	2	1	2	1
2	3	2	3	2	62	1	4	2	2	1	2	1
3	3	2	2	2	36	1	4	2	2	1	6	1
4	7	2	2	2	19	1	4	2	2	1	4	2
5	2	2	2	2	13	1	4	2	2	1	2	2
6	2	2	2	2	6	2	4	2	2	54	2	2
7	2	2	2	2	4	2	4	2	2	548	52	2
8	2	2	2	2	4	4	4	2	2	29	10	2
9	3	2	2	2	4	1	4	3	2	5	3	2
10	2	2	2	2	4	30	3	2	2	4	85	2
11	2	2	2	2	4	43	4	2	2	3	9	2
12	3	2	2	2	4	56	4	2	2	2	2	2
13	3	3	2	2	8	343	4	2	2	116	2	2
14	5	3	1	13	6	30	4	2	2	35	4	2
15	3	3	2	2	6	10	3	2	2	28	3	2
16	3	3	2	2	2	7	3	4	1	4	3	1
17	3	3	2	3	2	6	4	2	2	3	2	1
18	3	3	2	2	2	16	4	2	1	3	1	1
19	3	3	2	50	2	11	4	2	2	3	186	1
20	3	3	2	64	2	10	4	2	2	2	289	1
21	3	3	1	28	5	5	5	2	2	2	148	1
22	3	2	1	9	2	1	5	17	2	2	10	1
23	3	2	1	4	2	1	4	33	2	2	4	1
24	2	2	1	3	2	1	3	5	1	2	4	1
25	3	2	2	2	2	0	3	2	1	2	134	1
26	2	2	2	2	3	1	3	2	8	2	17	1
27	3	3	2	2	5	5	3	3	3	1280	4	1
28	2	2	2	2	6	15	3	2	11	2	110	1
29	2	2	2	2	6	18	3	2	2	2	5	1
30	2	2	2	2	—	14	3	2	1	2	1	1
31	2	2	2	3	7	7	—	2	—	2	1	—
Mean	3	2	2	7	9	21	4	4	45	29	36	—
Max.	7	3	3	64	62	343	5	33	1280	548	289	2
Min.	2	2	1	2	2	0	3	2	1	1	1	1
A.F.	170	144	110	415	501	1280	218	235	2680	1780	2200	81

Total acre-feet 9790

DISCHARGE IN SECOND-FEET OF SHELL CREEK NEAR COLUMBUS
Sec. 23-18-1 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	23	23	13	12	13	133	27	19	26	10	40
2	20	23	22	14	30	13	70	26	18	19	10	24
3	22	24	24	13	76	12	47	26	17	16	12	20
4	143	22	24	13	76	11	41	24	18	14	13	18
5	149	22	21	14	67	13	38	22	16	13	20	16
6	39	23	20	14	60	11	35	21	15	12	19	16
7	29	22	19	14	35	11	34	20	15	14	16	16
8	24	23	16	14	30	11	34	20	14	304	36	15
9	22	24	15	15	30	12	35	24	12	587	70	14
10	20	26	13	14	30	13	35	22	12	91	29	13
11	20	28	10	14	28	27	37	26	12	29	19	12
12	20	26	8	15	30	81	42	22	12	22	37	12
13	20	26	8	15	34	204	61	19	12	19	28	12
14	20	26	10	16	61	290	64	18	11	198	19	13
15	21	25	10	16	66	241	42	18	10	408	15	13
16	22	24	10	17	37	168	36	20	10	145	12	12
17	29	24	10	19	34	101	34	32	10	35	13	12
18	24	24	11	32	17	50	33	32	10	24	14	10
19	20	21	10	31	16	64	33	24	9	20	15	10
20	20	19	11	39	13	60	33	21	10	17	32	11
21	20	18	11	76	14	79	41	20	12	16	90	9
22	21	18	11	73	13	56	90	74	10	15	177	9
23	23	21	11	58	13	32	105	213	10	14	61	9
24	24	27	11	58	12	17	60	79	11	13	26	8
25	24	23	12	62	11	10	41	66	10	12	95	8
26	22	21	12	37	11	15	34	33	10	11	361	8
27	23	21	12	22	13	21	31	50	20	11	193	8
28	24	21	13	16	15	32	29	95	152	11	44	7
29	26	20	13	12	15	44	27	34	445	11	64	7
30	25	22	13	9	—	149	26	25	74	11	174	8
31	25	—	14	11	—	179	—	21	—	11	130	—
Mean	31	23	14	26	31	66	47	38	34	69	60	13
Max.	149	27	24	76	76	290	133	213	445	587	361	40
Min.	19	18	8	9	11	11	26	18	9	11	10	7
A.F.	1900	1350	847	1590	1780	4050	2780	2330	2010	4220	3680	778

Total acre-feet 27320

DISCHARGE IN SECOND-FEET OF SILVER CREEK AT ITHACA
Sec. 28-14-8 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	9	7	6	13	7	15	10	9	12	9	13
2	7	9	7	6	12	8	15	10	9	11	9	11
3	7	8	7	6	11	8	12	10	8	10	9	11
4	7	8	7	6	10	8	12	9	8	11	9	10
5	7	8	7	6	8	7	12	11	9	10	9	10
6	7	8	7	6	7	7	11	10	8	11	9	10
7	7	8	7	6	7	7	11	9	8	13	9	10
8	7	8	7	6	7	7	11	9	8	11	11	9
9	7	8	7	6	7	7	24	9	8	11	11	9
10	7	8	7	6	7	11	11	9	8	10	11	9
11	7	8	6	6	7	15	21	9	8	11	10	9
12	7	8	6	6	8	20	22	9	8	10	10	9
13	7	8	6	7	8	18	17	9	8	11	10	9
14	7	7	5	8	12	15	16	9	8	34	75	9
15	7	7	5	9	10	11	15	10	8	15	59	9
16	7	7	6	11	9	10	13	10	7	11	32	9
17	7	8	6	7	8	8	12	11	7	11	20	8
18	7	7	6	8	7	14	11	10	7	11	28	9
19	7	8	6	8	11	17	12	11	7	11	15	9
20	7	7	6	8	14	9	11	10	8	10	19	8
21	24	7	6	8	15	10	13	11	9	11	18	8
22	16	7	6	8	14	11	15	13	8	11	17	8
23	11	8	6	5	11	10	12	67	8	11	15	8
24	10	8	6	5	10	11	10	11	8	10	14	8
25	10	7	6	6	9	11	12	9	7	10	13	8
26	9	7	6	6	6	12	12	9	10	10	52	8
27	8	7	6	6	7	24	11	11	267	10	17	8
28	9	7	6	5	7	36	12	9	73	10	16	8
29	9	7	6	5	7	32	10	9	16	9	14	8
30	9	7	6	8	-----	29	10	9	13	9	14	8
31	8	-----	6	7	9	27	-----	9	15	11	14	-----
Mean	8	-----	6	7	9	13	13	12	19	11	18	-----
Max.	24	9	7	11	15	36	24	67	267	34	75	13
Min.	7	7	5	5	6	7	10	9	7	7	9	8
A.F.	524	456	380	414	532	862	791	714	1140	702	1140	533

Total acre-feet 8190

DISCHARGE IN SECOND-FEET OF SNAKE RIVER NEAR BURGE
Sec. 20-31-31 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	228	259	271	240	287	271	353	263	228	221	202	209
2	240	248	275	244	275	256	308	256	225	221	213	209
3	244	256	291	248	279	252	291	244	228	217	252	209
4	267	240	287	252	275	248	275	228	236	209	228	206
5	259	256	279	256	283	248	263	232	232	206	221	206
6	252	259	275	256	283	248	259	232	228	206	217	209
7	244	267	267	256	271	252	252	236	221	213	217	209
8	244	271	279	256	267	259	259	256	225	206	225	198
9	244	263	267	279	267	279	263	312	228	202	221	191
10	244	259	244	271	283	304	240	324	221	206	236	191
11	244	259	256	240	287	308	225	291	213	202	252	191
12	248	271	267	248	304	312	244	279	209	213	248	194
13	263	275	259	248	328	283	244	263	217	240	232	236
14	267	279	163	271	320	271	232	244	221	244	225	232
15	252	271	135	287	279	244	232	300	228	228	213	225
16	256	259	174	283	275	244	263	441	252	217	209	217
17	252	248	225	279	263	296	256	437	221	209	209	217
18	252	248	279	275	256	312	240	437	209	209	225	213
19	256	252	232	283	248	304	240	416	209	209	252	209
20	244	252	213	263	240	300	267	328	213	209	213	213
21	248	263	206	206	228	279	304	324	236	202	206	213
22	248	267	236	150	240	259	287	353	252	198	206	213
23	240	267	259	174	271	236	263	374	244	202	202	213
24	244	271	259	168	244	256	248	336	236	186	202	217
25	244	267	256	209	248	259	244	304	252	194	202	221
26	248	263	256	275	256	263	236	283	279	202	198	221
27	252	263	259	267	259	267	232	267	275	198	198	217
28	244	263	263	275	263	304	236	252	259	206	202	213
29	244	267	283	298	275	336	228	240	248	213	206	217
30	267	271	279	304	-----	357	240	236	236	206	206	217
31	263	-----	256	308	-----	378	-----	244	-----	206	206	-----
Mean	250	262	250	254	271	281	257	298	233	210	218	212
Max.	267	279	291	308	328	378	353	441	279	244	252	236
Min.	228	240	135	150	228	236	225	228	209	194	198	191
A.F.	15360	15580	15370	15640	15580	17270	15320	18310	13850	12920	13380	12590

Total acre-feet 181170

BUREAU OF IRRIGATION

607

DISCHARGE IN SECOND-FEET OF SPOTTED TAIL CREEK, DRY, AT MITCHELL—Sec. 28-23-56 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	73	42	33	36	30	28	29	34	68	71	85	112
2	70	42	33	35	31	28	29	41	62	71	82	105
3	69	42	31	35	31	28	30	36	58	78	85	100
4	68	41	31	35	30	28	28	41	57	80	92	94
5	66	41	32	35	30	28	28	46	48	78	88	92
6	67	41	32	35	30	28	28	34	50	84	88	100
7	63	41	31	35	30	28	33	39	55	82	92	98
8	61	41	31	35	31	29	34	41	59	76	90	100
9	59	41	30	36	31	29	34	41	61	75	84	99
10	51	40	30	36	31	29	34	45	56	66	90	107
11	51	40	32	34	31	28	33	46	59	64	94	108
12	49	38	31	33	31	28	31	48	60	68	92	102
13	49	38	31	33	31	29	31	50	62	82	91	115
14	48	38	29	33	31	28	33	49	59	76	82	115
15	48	38	28	33	31	28	34	54	70	86	94	105
16	47	36	30	34	30	28	36	62	62	78	97	102
17	48	37	30	34	30	32	32	62	61	69	104	102
18	46	36	35	34	30	31	32	53	69	64	108	100
19	47	36	38	36	29	31	32	51	59	71	99	91
20	48	36	38	34	29	31	31	51	52	78	97	91
21	48	37	38	34	29	30	31	59	63	69	97	88
22	47	36	38	33	28	30	33	57	193	71	99	92
23	46	36	38	32	29	30	33	59	66	71	97	91
24	45	36	39	33	28	30	32	63	68	71	104	94
25	45	35	39	32	29	30	28	66	90	78	92	92
26	45	35	39	31	29	30	22	66	85	85	90	100
27	43	35	40	31	29	29	22	75	194	90	90	107
28	41	34	40	31	29	29	22	73	92	85	97	108
29	41	34	39	31	29	28	25	69	78	80	92	117
30	39	33	38	31	---	28	31	70	73	88	100	140
31	41	---	37	30	---	29	---	67	---	85	108	---
Mean	52	38	34	34	30	29	30	53	73	76	94	102
Max.	73	42	40	38	31	32	36	75	194	90	108	140
Min.	39	33	28	30	28	28	22	34	48	64	82	88
A.F.	3190	2260	2100	2070	1720	1790	1810	3270	4340	4700	5770	6080

Total acre-feet 39100

DISCHARGE IN SECOND-FEET OF SPRING CREEK AT CUSHING Sec. 5-15-9 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	6	7	5	8	5	14	8	7	9	2	3
2	4	6	7	6	9	5	11	8	7	8	2	2
3	10	7	7	6	9	5	10	9	7	7	3	2
4	29	7	7	6	9	5	10	8	6	7	3	3
5	14	7	7	6	8	5	9	7	6	7	3	2
6	10	8	7	6	7	7	8	7	6	7	2	2
7	8	8	8	6	10	8	8	8	6	42	3	3
8	7	8	6	6	12	9	8	9	6	11	3	2
9	7	8	6	6	14	14	10	9	6	5	2	2
10	7	8	7	6	20	20	9	9	6	3	2	2
11	7	8	6	7	24	13	7	8	5	2	2	2
12	7	8	7	8	29	22	11	7	5	4	2	3
13	6	7	4	7	47	57	12	7	5	4	2	2
14	12	7	4	8	53	22	11	7	4	19	3	2
15	8	7	3	11	34	14	10	7	4	10	2	2
16	7	6	3	12	14	11	9	9	3	7	2	2
17	6	7	4	12	13	10	9	11	3	7	2	2
18	6	7	4	12	13	12	10	10	3	6	2	2
19	7	8	4	11	12	11	10	8	3	5	2	3
20	7	8	4	10	11	10	10	7	3	4	2	2
21	7	6	4	9	11	10	12	12	4	4	2	2
22	8	6	4	8	11	10	15	171	4	4	2	3
23	7	6	4	7	11	10	14	48	4	4	2	2
24	7	8	4	7	10	11	12	18	4	4	2	2
25	7	10	4	7	10	12	10	12	4	3	3	2
26	7	6	4	7	11	13	9	10	6	3	4	2
27	7	6	4	7	11	17	8	18	92	3	9	2
28	7	6	5	7	10	16	8	14	11	3	7	1
29	7	7	5	7	8	21	8	11	8	3	6	1
30	7	7	5	6	---	20	8	9	8	3	4	2
31	7	---	5	7	---	18	---	7	---	3	3	---
Mean	8	8	5	8	16	14	10	16	8	7	3	2
Max.	29	10	8	12	53	57	15	171	92	42	9	3
Min.	4	6	3	5	7	5	8	7	3	2	2	1
A.F.	500	421	318	467	889	839	600	977	481	408	182	133

Total acre-feet 6220

DISCHARGE IN SECOND-FEET OF STINKING WATER CREEK NEAR
PALISADE—Sec. 30-5-33 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	49	53	40	61	65	71	57	40	24	15	51
2	40	49	53	38	60	62	62	82	39	22	17	46
3	40	48	51	40	60	55	55	85	38	22	18	42
4	40	50	50	40	59	35	52	66	37	22	18	39
5	44	51	49	40	58	40	50	59	36	21	18	36
6	47	51	48	38	57	61	49	51	35	22	21	34
7	57	52	48	36	55	62	48	48	34	22	22	31
8	54	51	48	38	55	59	47	50	33	22	23	29
9	53	50	25	40	55	62	48	52	32	24	24	26
10	48	51	35	40	55	72	47	52	31	23	25	25
11	47	51	50	41	55	72	48	50	30	22	24	25
12	46	51	52	46	55	69	48	49	29	22	25	25
13	47	51	50	45	57	64	48	48	28	26	26	25
14	49	51	40	46	58	54	50	46	27	30	25	25
15	52	51	35	44	60	63	48	45	27	29	25	24
16	54	50	45	45	58	63	50	47	24	28	24	25
17	53	40	50	46	58	75	58	53	21	27	24	25
18	51	30	45	47	58	88	62	64	22	25	22	25
19	49	35	45	48	59	90	57	62	22	24	22	25
20	49	46	40	50	56	85	55	89	22	23	21	26
21	49	50	40	46	50	81	54	112	25	22	20	27
22	48	48	45	40	50	60	61	116	33	22	20	27
23	50	49	46	35	50	52	68	76	25	21	21	28
24	53	49	46	40	48	62	63	71	26	19	21	28
25	52	50	46	45	46	68	60	63	27	19	22	28
26	53	50	43	49	45	72	55	58	27	18	22	27
27	52	51	41	49	58	70	50	85	25	17	21	27
28	53	51	41	53	67	86	48	54	25	16	308	27
29	53	52	42	60	67	96	46	49	25	15	311	26
30	53	54	45	62	67	90	45	48	25	16	125	26
31	51		42		---	82		43		16	67	
Mean	49	49	45	45	56	68	53	62	29	22	45	29
Max.	57	54	53	62	67	96	71	116	40	30	311	51
Min.	40	30	25	35	45	35	45	43	21	15	15	24
A.F.	3030	2900	2760	2750	3230	4200	3180	3820	1730	1350	2770	1750

Total acre-feet 33470

DISCHARGE IN SECOND-FEET OF
STREVER CREEK NEAR OVERTON

Sec. 1-8-20 W.

Water Year Ending Sept. 30, 1952

Day	May	June	July	Aug.	Sept.
1	32	25	35	5	24
2	34	25	40	5	30
3	32	24	42	5	24
4	32	23	36	11	24
5	32	30	34	12	27
6	30	35	31	18	24
7	30	36	28	10	22
8	30	34	32	12	24
9	30	29	32	17	22
10	29	32	29	21	25
11	29	32	19	29	30
12	25	29	24	88	26
13	26	30	24	82	22
14	25	25	26	83	26
15	26	27	63	73	26
16	28	26	47	46	26
17	26	27	43	37	33
18	28	26	43	31	28
19	27	24	41	28	27
20	27	30	40	28	24
21	28	31	59	25	24
22	40	37	53	21	22
23	30	36	55	20	28
24	27	32	46	18	25
25	26	32	40	25	48
26	25	33	22	28	19
27	26	32	12	15	8
28	41	36	18	10	7
29	30	36	19	10	4
30	28	35	20	12	3
31	28		18	22	
Mean	29	30	35	27	23
Max.	34	37	63	88	33
Min.	25	23	12	5	3
A.F.	1800	1800	2120	1680	1390

BUREAU OF IRRIGATION

609

DISCHARGE IN SECOND-FEET OF TEKAMAH CREEK AT TEKAMAH
Sec. 19-21-11 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	3	3	2	13	3	13	11	6	8	8	4
2	4	3	4	1	14	3	12	10	6	6	5	3
3	4	3	3	1	12	3	10	10	6	5	5	3
4	11	3	3	2	12	3	10	9	6	5	5	3
5	5	3	3	2	12	3	9	9	6	5	5	3
6	4	3	3	2	9	3	9	8	6	29	5	3
7	4	2	3	2	8	3	9	12	6	22	5	3
8	4	2	2	2	11	2	9	10	5	7	5	3
9	4	2	2	2	7	2	26	12	5	5	5	3
10	4	2	1	2	9	11	12	10	5	5	9	2
11	4	2	1	2	8	14	12	10	5	4	5	2
12	4	2	1	2	6	45	24	9	5	4	4	2
13	4	2	0	2	11	72	20	8	5	5	4	3
14	4	2	1	3	10	17	16	8	5	18	4	3
15	4	2	1	3	6	16	13	8	5	6	4	3
16	4	2	1	4	5	17	13	15	5	6	4	3
17	4	3	1	3	4	15	15	9	5	5	4	3
18	4	4	2	3	5	32	12	8	5	5	4	2
19	4	3	2	5	4	14	11	8	5	5	26	3
20	5	3	3	3	1	11	11	8	7	9	54	3
21	97	3	2	3	3	10	13	8	7	7	7	3
22	9	2	2	4	4	4	15	19	12	5	5	3
23	4	3	3	4	4	4	13	22	8	5	4	3
24	4	3	3	3	4	8	11	11	8	5	4	2
25	4	3	3	2	3	14	11	9	6	4	5	2
26	4	3	3	3	5	13	11	9	5	4	4	2
27	4	3	3	3	5	22	10	12	261	3	8	2
28	4	3	3	2	2	21	10	11	9	3	5	2
29	4	3	3	2	2	52	10	9	8	3	10	2
30	4	3	2	6	---	42	10	8	8	3	4	---
31	7	2	2	6	---	17	---	7	---	4	---	---
Mean	7	3	3	3	7	16	13	10	15	7	7	3
Max.	97	4	4	6	14	72	26	22	261	29	54	4
Min.	4	2	0	1	1	2	9	7	5	3	3	2
A.F.	458	158	135	165	397	980	751	627	870	417	454	161

Total acre-feet 5570

DISCHARGE IN SECOND-FEET OF THOMPSON CREEK AT RIVERTON
Sec. 2-1-13 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	24	27	11	28	19	23	23	20	16	20	17
2	22	29	28	12	26	19	22	23	20	16	20	18
3	22	27	28	12	25	18	24	22	20	15	19	17
4	24	29	27	13	24	15	24	22	19	16	19	18
5	23	30	27	13	25	16	23	22	20	17	18	18
6	27	32	27	14	26	18	22	22	21	20	18	17
7	24	30	28	16	26	20	23	23	21	21	19	17
8	23	30	28	16	26	21	24	23	20	18	18	17
9	22	29	30	15	25	22	26	22	20	19	18	17
10	23	28	30	16	24	23	24	22	20	19	18	17
11	22	28	29	24	24	22	25	20	21	18	18	17
12	23	28	28	27	24	29	24	23	21	20	18	18
13	24	29	28	35	25	28	20	24	19	22	19	18
14	25	30	25	45	23	24	21	23	18	779	18	18
15	26	29	18	29	24	25	21	24	20	40	18	17
16	25	28	13	28	25	26	21	24	20	36	17	17
17	24	26	11	27	26	26	22	23	21	32	18	17
18	24	27	9	27	25	23	23	23	21	30	18	17
19	24	28	8	27	25	26	22	22	20	28	18	17
20	24	28	8	27	25	24	22	26	20	28	17	17
21	23	28	12	26	25	23	23	28	20	26	16	17
22	23	27	10	24	26	20	24	21	20	25	18	17
23	22	28	9	20	26	19	21	21	19	24	19	17
24	22	28	10	21	25	20	21	21	17	23	18	18
25	23	28	10	26	24	28	21	20	18	22	18	18
26	23	28	11	27	24	27	21	21	17	21	18	18
27	26	26	12	26	25	28	21	21	17	20	18	17
28	24	27	15	29	24	28	20	19	17	20	18	18
29	23	26	16	26	22	29	21	18	18	27	18	18
30	24	26	14	25	---	23	22	19	18	20	19	18
31	24	---	12	26	---	22	---	20	---	20	17	---
Mean	24	28	19	23	25	23	22	22	19	47	18	17
Max.	27	32	30	45	28	29	26	28	21	779	20	18
Min.	22	24	8	11	22	15	20	18	17	15	17	17
A.F.	1450	1670	1170	1410	1430	1410	1330	1360	1160	2890	1120	1040

Total acre-feet 17440

DISCHARGE IN SECOND-FEET OF TUB SPRINGS NEAR SCOTTSBLUFF
Sec. 32-23-55 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	73	58	46	36	33	30	30	26	51	45	2	25
2	87	60	46	36	33	30	31	44	36	36	3	74
3	80	66	46	35	33	30	33	43	19	35	2	31
4	80	66	45	34	33	30	31	37	31	26	2	27
5	80	68	45	35	33	30	30	18	33	34	39	27
6	82	68	45	36	33	31	30	31	9	8	1	26
7	77	68	50	37	32	31	29	26	8	29	1	16
8	74	66	42	37	32	31	21	10	12	8	1	25
9	70	64	40	37	33	31	7	8	7	12	1	24
10	70	63	42	36	32	31	4	13	3	3	1	20
11	67	61	43	36	33	31	4	24	4	2	11	28
12	68	61	44	35	33	30	17	14	11	3	1	25
13	68	60	47	35	33	31	24	3	18	17	1	26
14	70	59	44	34	33	30	22	3	28	7	1	36
15	71	57	41	34	33	30	23	4	35	17	1	32
16	73	54	40	34	33	30	24	17	24	16	1	24
17	74	54	41	34	33	31	22	60	13	6	1	20
18	75	54	40	36	33	34	21	62	11	4	1	24
19	74	54	40	36	32	34	20	35	7	7	1	12
20	72	54	38	36	31	33	22	35	2	33	1	22
21	70	51	38	34	31	32	27	62	172	44	4	28
22	68	50	39	32	31	32	28	42	247	39	1	24
23	69	50	39	33	31	32	30	47	45	2	1	22
24	68	50	39	33	30	33	31	47	38	2	1	32
25	66	50	39	34	30	33	31	56	82	2	3	39
26	65	48	38	33	31	32	24	57	68	3	2	47
27	64	47	38	31	31	33	19	62	73	9	1	59
28	62	47	41	32	31	33	19	59	65	4	7	94
29	60	47	41	36	30	33	20	58	61	6	8	86
30	59	47	39	34	—	31	24	54	61	6	9	101
31	60	—	37	34	—	30	—	54	62	3	15	—
Mean	71	57	42	35	32	31	23	54	42	16	4	36
Max.	87	68	50	37	33	34	33	62	247	45	39	101
Min.	59	47	37	31	30	30	4	3	2	2	1	12
A.F.	4360	3380	2560	2130	1840	1930	1380	2200	2530	967	252	2160

Total acre-feet 25690

DISCHARGE IN SECOND-FEET OF TURKEY CREEK AT NAPONEE
Sec. 4-1-16 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	14	12	13	15	18	18	14	12	8	8	9
2	10	14	12	14	17	17	16	14	12	8	8	8
3	10	14	12	14	17	16	16	14	11	8	8	8
4	10	14	13	13	17	16	16	13	12	8	9	8
5	19	14	13	13	17	16	16	12	11	8	9	8
6	17	14	13	13	20	16	16	12	11	8	9	7
7	15	14	13	14	22	16	16	12	11	10	8	7
8	14	14	14	15	18	16	16	14	11	8	8	7
9	14	14	14	15	16	16	16	14	11	8	8	8
10	13	14	14	15	14	16	16	13	11	8	8	8
11	14	14	14	15	13	16	16	13	10	7	9	8
12	13	14	14	15	13	15	15	13	10	7	9	8
13	14	14	14	17	13	15	15	13	10	11	9	8
14	14	14	14	17	15	14	14	13	9	341	9	8
15	14	14	10	17	17	14	14	14	10	48	8	8
16	14	14	11	17	18	14	13	16	9	22	8	8
17	14	14	12	17	18	14	13	14	9	34	8	7
18	14	14	11	17	18	14	13	14	9	16	8	7
19	14	13	11	17	18	14	13	15	8	16	8	7
20	14	13	11	17	16	14	13	15	8	15	7	8
21	14	13	11	17	16	14	14	14	8	13	7	7
22	14	13	11	17	18	14	15	14	7	11	8	8
23	14	13	11	15	18	14	15	16	7	10	8	7
24	14	13	12	27	18	15	15	14	7	11	8	7
25	14	13	12	29	18	15	15	13	6	8	8	8
26	14	13	12	24	18	16	15	12	8	8	8	8
27	14	13	14	20	18	17	15	12	8	8	8	8
28	14	13	15	15	18	18	15	26	8	8	8	8
29	14	13	19	15	18	18	15	26	8	9	9	8
30	14	12	19	15	—	18	15	15	9	9	9	7
31	14	—	18	15	—	18	—	12	—	8	9	—
Mean	14	14	13	17	17	16	15	14	9	23	8	8
Max.	19	14	19	29	22	18	18	26	12	341	9	9
Min.	10	12	10	13	13	14	13	12	6	7	7	7
A.F.	843	807	801	1020	980	962	893	873	558	1390	510	458

Total acre-feet 10100

BUREAU OF IRRIGATION

611

DISCHARGE IN SECOND-FEET OF WAHOO CREEK AT ITHACA
Sec. 32-14-8 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	38	45	44	30	140	49	100	75	56	97	26	64
2	40	42	43	30	180	50	76	73	59	80	26	56
3	39	37	43	29	120	52	69	72	58	67	48	53
4	41	38	40	29	85	55	65	71	54	59	109	50
5	42	37	39	29	70	70	60	70	54	54	38	48
6	42	37	37	29	69	58	57	70	52	50	35	47
7	44	40	35	28	68	45	58	70	52	58	32	46
8	42	39	33	28	70	44	70	70	48	58	36	42
9	42	38	34	28	68	44	100	70	46	56	38	45
10	41	39	30	28	70	65	80	69	47	48	37	44
11	42	38	29	29	68	115	120	68	45	44	39	42
12	41	37	28	31	66	150	125	67	41	42	32	42
13	42	39	26	33	71	110	105	64	38	233	43	42
14	42	39	23	36	138	90	86	67	36	168	280	44
15	63	39	25	40	74	77	77	69	32	157	124	42
16	41	38	28	44	50	70	72	70	28	61	46	40
17	42	39	28	40	42	72	68	71	27	55	42	41
18	41	37	28	39	70	86	68	68	28	44	41	39
19	40	38	28	38	86	105	70	66	28	41	42	37
20	41	38	27	37	78	56	82	67	41	42	48	36
21	334	37	27	36	69	60	100	68	105	37	75	35
22	80	35	28	33	62	62	88	80	48	35	54	33
23	48	34	28	22	55	63	80	270	42	36	50	34
24	48	33	29	24	48	64	78	110	89	46	47	33
25	46	36	29	28	44	64	90	64	56	32	146	32
26	45	37	29	33	40	65	89	62	230	31	1400	31
27	44	40	30	31	43	100	88	86	2870	29	251	31
28	44	44	30	30	46	215	85	70	1360	28	124	30
29	46	44	30	30	48	190	81	64	150	28	70	29
30	44	45	30	45	....	160	77	62	118	27	76	28
31	44	39	30	75	....	145	....	58	....	27	138	....
Mean	54	49	41	34	74	86	82	77	198	62	116	40
Max.	334	35	44	75	180	215	125	270	2870	233	1400	64
Min.	38	33	23	22	40	44	57	58	27	27	26	28
A.F.	3310	2300	1920	2070	4240	5260	4890	4720	11780	3790	7130	2410

Total acre-feet 53820

DISCHARGE IN SECOND-FEET OF WEEPING WATER CREEK AT UNION
Sec. 26-10-13 E.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	61	58	48	50	45	137	154	85	56	46	64
2	68	61	58	45	51	54	106	146	85	52	35	57
3	84	58	58	46	52	49	109	148	79	47	63	46
4	609	56	58	48	53	40	121	137	73	47	54	44
5	129	58	54	50	54	42	113	129	73	43	40	42
6	68	56	54	51	55	43	98	113	68	43	39	40
7	74	56	54	52	60	44	98	121	68	47	37	37
8	68	54	54	52	60	45	129	117	62	49	87	36
9	68	54	50	52	56	49	273	113	62	47	80	35
10	64	56	44	50	56	80	267	121	62	39	50	33
11	64	56	50	51	50	111	206	121	62	43	43	31
12	64	61	57	52	52	209	246	109	60	39	41	30
13	64	83	55	55	70	345	345	106	58	500	371	34
14	61	56	48	75	125	162	250	106	52	1360	1660	154
15	58	58	36	400	75	122	207	98	52	214	244	44
16	58	56	35	342	60	106	177	227	52	78	130	38
17	61	58	35	197	55	122	159	207	52	66	125	39
18	64	58	36	155	54	217	228	137	93	66	120	34
19	58	54	37	133	53	295	217	113	114	52	105	32
20	58	54	37	90	39	174	168	106	78	52	65	34
21	64	54	37	50	48	146	207	125	180	52	95	34
22	66	58	37	35	52	146	772	413	97	45	65	36
23	64	56	37	30	82	106	322	515	64	43	60	34
24	61	39	38	45	50	98	240	159	52	39	57	32
25	58	58	39	47	50	132	210	125	52	37	56	29
26	61	58	40	48	47	146	195	109	229	35	78	28
27	64	86	41	49	50	202	182	125	659	31	63	28
28	64	58	42	50	49	279	168	125	35	58	27	27
29	64	61	44	49	45	297	164	106	62	33	513	27
30	61	58	46	45	....	285	150	98	56	34	110	27
31	58	....	47	48	....	198	....	98	....	32	75	....
Mean	84	58	46	82	57	142	209	149	107	108	150	40
Max.	609	83	58	400	125	345	772	515	859	1360	1660	154
Min.	58	39	35	30	39	40	98	98	52	31	25	27
A.F.	5140	3470	2810	5040	3280	8710	12420	9170	6360	6660	9250	2390

Total acre-feet 74700

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF WHITE RIVER AT CRAWFORD
Sec. 3-31-52 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	18	21	20	25	20	29	21	19	14	8	10
2	14	16	20	15	26	14	29	21	19	14	8	10
3	12	19	21	21	26	18	29	20	18	14	10	10
4	21	20	22	22	24	23	29	20	19	14	10	9
5	16	22	23	23	25	27	26	20	18	12	10	9
6	15	20	20	25	26	29	26	19	17	13	8	8
7	15	20	20	25	26	28	26	20	17	14	8	8
8	17	20	20	25	26	29	26	26	18	13	6	8
9	16	20	25	23	26	33	25	34	17	12	7	8
10	17	19	23	23	26	27	25	30	16	11	8	9
11	15	19	29	23	25	27	25	25	15	11	12	8
12	18	19	30	25	25	24	26	23	15	14	14	8
13	18	19	29	25	25	25	28	22	14	14	11	10
14	18	20	25	26	27	29	25	22	14	16	10	11
15	18	20	25	25	24	29	25	22	13	14	10	12
16	17	19	25	26	24	29	25	25	12	11	9	12
17	18	18	25	27	24	32	25	25	12	10	9	12
18	18	16	25	26	23	29	24	25	12	10	9	10
19	17	20	25	26	22	28	24	22	13	11	9	10
20	19	27	25	25	20	26	24	22	14	10	9	10
21	19	25	25	25	19	25	24	26	14	9	14	12
22	19	25	25	25	20	25	22	29	13	8	13	12
23	18	25	25	18	19	27	22	25	12	10	11	10
24	18	24	25	13	19	29	22	22	13	10	10	10
25	18	23	25	17	19	28	20	22	21	8	8	8
26	18	22	25	25	22	27	21	22	16	8	6	8
27	19	22	25	27	23	27	21	20	38	8	7	8
28	17	22	25	27	20	29	21	18	66	8	10	10
29	17	22	28	29	21	61	20	18	16	9	11	11
30	16	20	25	26	---	58	22	19	16	9	9	12
31	17	---	22	26	---	36	---	19	---	9	8	---
Mean	17	21	24	24	23	29	24	23	18	11	9	10
Max.	21	27	31	29	27	61	29	34	66	16	14	12
Min.	12	16	20	13	19	14	20	18	12	8	6	8
A. F.	1050	1230	1510	1460	1340	1780	1460	1400	1070	687	573	581

Total acre-feet 14130

WHITNEY RESERVOIR STORAGE IN ACRE-FEET
From White River—Sec. 34-33-51 W.
Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7470	.....	.....	.....	.....	9170	.....	.....	.....	.....	.....	.....
2
3
4
5
6
7
8
9
10	8150	.....	.....	8915	.....	9170	9580	.....	9620	7470	.....	.....
11
12
13
14
15
16
17
18
19
20	8490	.....	.....	9000	9350	9680	9440	.....	.....	.....	.....
21
22
23	6670	.....	.....
24
25
26
27
28
29
30	8960	.....	.....	.....	.....	.....	.....	7895	.....	Est. 3000	.....
31	9400	.....	9800	.....	6295	.....	.....

BUREAU OF IRRIGATION

613

DISCHARGE IN SECOND-FEET OF WHITE RIVER BELOW COTTONWOOD CREEK NEAR WHITNEY—Sec. 26-33-50 W.—Water Year Ending Sept. 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	8	24	15	53	52	81	28	14	15	8	3
2	4	8	24	15	53	47	47	20	13	9	8	3
3	4	9	23	20	53	46	40	17	12	5	6	8
4	40	12	22	20	54	36	42	16	12	5	5	10
5	52	11	22	20	53	37	40	15	12	5	5	7
6	15	11	22	20	54	50	34	14	9	6	4	8
7	10	10	15	20	56	55	32	11	9	6	3	7
8	9	10	18	24	58	55	29	13	9	6	2	6
9	8	9	20	25	57	80	32	93	9	7	3	3
10	8	9	21	25	57	70	35	196	9	11	3	2
11	6	9	23	26	57	90	34	50	9	11	5	2
12	8	9	25	24	56	65	34	20	10	12	6	2
13	6	9	20	23	54	40	32	15	8	14	5	3
14	5	9	20	28	53	45	32	15	8	13	4	4
15	5	9	20	31	52	50	31	15	10	12	2	5
16	10	8	20	33	48	75	32	21	10	12	2	8
17	14	8	20	32	38	110	32	20	9	12	5	8
18	11	9	20	32	34	100	32	18	10	10	5	8
19	11	7	20	31	32	150	28	23	7	8	4	7
20	11	12	20	28	25	250	27	17	7	8	4	7
21	10	14	20	20	18	110	22	16	9	8	7	4
22	12	13	20	15	18	40	19	129	17	8	7	2
23	11	16	20	10	18	40	20	130	29	6	2	2
24	9	14	20	8	19	50	19	79	9	5	3	2
25	9	14	20	8	19	65	18	32	31	5	2	1
26	9	13	20	10	22	60	17	27	44	5	2	1
27	10	16	20	20	25	60	23	27	27	7	3	1
28	11	17	20	42	40	120	30	17	208	5	2	1
29	11	22	20	48	50	130	30	15	83	7	1	1
30	10	23	20	52	---	139	30	13	26	7	3	1
31	9	---	20	53	---	114	---	14	---	8	3	---
Mean	11	12	21	25	42	78	32	37	22	8	4	4
Max.	52	23	25	53	58	250	81	196	208	15	8	10
Min.	4	7	15	8	18	36	17	11	7	5	1	1
A.F.	696	692	1270	1540	2430	4820	1890	2250	1340	520	246	248

Total acre-feet 17940

DISCHARGE IN SECOND-FEET OF WINTERS CREEK NEAR SCOTTSBLUFF Sec. 30-22-54 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	70	59	56	47	47	45	55	18	101	46	87
2	100	70	57	56	46	47	46	43	24	82	49	79
3	101	70	56	55	46	47	48	43	24	87	48	74
4	101	70	56	56	46	47	48	42	23	74	52	80
5	101	69	57	61	46	46	48	29	27	70	54	90
6	103	69	58	61	45	45	48	18	23	80	50	84
7	97	68	56	56	44	45	48	14	29	55	55	81
8	93	68	56	55	44	44	46	14	32	43	56	86
9	90	67	55	55	44	46	60	15	22	42	54	93
10	90	66	54	54	45	45	65	15	26	35	58	86
11	86	67	54	54	45	43	64	17	34	33	56	86
12	82	66	54	56	45	43	56	16	46	30	54	83
13	79	66	54	56	46	43	41	16	48	82	53	90
14	79	65	56	53	46	42	42	14	39	70	57	96
15	79	64	56	51	46	42	43	10	34	37	54	88
16	78	62	56	51	46	40	45	13	17	42	56	85
17	79	61	55	51	47	42	45	25	14	38	59	84
18	80	61	56	52	46	42	44	22	14	36	55	81
19	81	61	56	55	46	42	44	24	12	40	55	79
20	81	61	56	55	45	42	43	55	18	46	54	80
21	80	61	56	51	44	42	42	67	89	43	54	82
22	79	61	57	48	44	43	43	45	189	41	56	82
23	77	61	58	48	45	43	43	45	58	33	59	85
24	76	61	59	48	45	43	42	43	48	37	64	85
25	75	61	58	47	46	42	41	40	80	37	63	80
26	74	61	58	47	46	42	40	34	88	44	62	78
27	75	61	59	47	47	41	40	36	345	59	62	72
28	73	61	59	47	47	43	39	17	94	54	66	78
29	72	60	59	47	46	45	41	20	97	50	70	84
30	70	59	59	47	---	45	43	17	103	52	70	130
31	70	---	58	47	---	44	---	18	---	53	80	---
Mean	84	64	57	52	46	44	46	28	57	52	58	85
Max.	105	70	59	61	47	47	65	67	345	101	80	130
Min.	70	59	54	47	44	40	39	10	12	30	46	72
A.F.	5170	3820	3480	3220	2620	2680	2740	1750	3400	3230	3530	5050

Total acre-feet 40690

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR GIBBON
Sec. 9-9-13 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	9	5	6	6	23	9	15	9	1	0
2	1	3	9	6	6	6	27	9	13	7	8	0
3	1	3	10	5	6	6	19	8	11	8	2	0
4	1	3	8	5	6	6	14	8	12	7	2	0
5	1	4	7	5	6	6	11	7	10	5	2	0
6	2	4	7	5	6	5	10	7	9	5	1	0
7	1	4	6	5	6	5	8	7	9	7	0	0
8	3	5	4	5	6	6	8	7	9	7	1	0
9	7	6	4	5	7	8	7	7	8	7	2	0
10	5	6	5	5	7	10	6	7	8	5	1	0
11	3	6	5	5	7	12	8	8	8	4	1	0
12	2	5	5	5	8	14	9	8	7	5	1	0
13	1	4	4	6	7	15	10	7	6	5	0	0
14	0	4	3	6	7	20	10	8	7	60	0	0
15	0	4	3	6	7	140	10	7	7	284	1	0
16	0	4	3	6	7	155	11	10	7	120	2	0
17	1	4	3	6	7	93	10	28	7	28	3	0
18	1	4	4	7	7	66	11	25	5	13	4	0
19	1	4	4	7	7	60	9	25	4	8	1	0
20	2	5	4	7	6	61	39	14	3	5	0	0
21	2	6	4	6	7	45	74	12	4	2	1	0
22	2	5	4	5	8	37	32	50	4	2	0	0
23	3	5	4	5	7	28	18	39	4	2	2	0
24	3	6	4	4	7	27	15	54	4	3	2	0
25	3	7	4	4	6	41	14	82	5	2	5	0
26	3	6	4	4	6	55	12	51	6	2	2	0
27	4	7	4	4	6	50	12	50	6	2	1	0
28	3	7	4	4	7	51	11	775	54	2	1	0
29	3	8	4	4	7	51	10	89	39	1	1	0
30	4	8	4	4	6	51	10	32	18	1	1	0
31	3	5	5	6	—	32	—	20	—	1	1	0
Mean	2	5	5	5	7	38	16	58	10	20	2	0
Max.	7	8	10	7	8	155	74	775	54	84	8	0
Min.	0	3	3	4	6	5	6	7	3	1	0	0
A.F.	137	296	296	335	388	2320	932	3530	609	1230	101	2

Total acre-feet 10180

DISCHARGE IN SECOND-FEET OF WOOD RIVER NEAR RIVERDALE
Sec. 31-10-16 W.—Water Year Ending September 30, 1952

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	1	2	3	4	4	14	5	4	3	1	0
2	2	1	2	3	4	4	9	5	4	3	1	0
3	2	1	2	3	4	5	7	5	3	2	1	0
4	3	1	2	3	4	5	5	6	4	2	0	0
5	3	1	2	3	4	4	4	6	3	1	0	0
6	10	1	2	3	4	4	3	5	3	2	0	0
7	3	1	2	4	4	4	3	5	4	2	0	0
8	1	1	1	4	5	4	3	6	3	6	0	0
9	1	1	2	3	5	5	3	6	2	6	0	0
10	1	1	2	3	5	5	4	6	2	4	0	0
11	1	1	2	4	5	7	4	6	3	2	0	0
12	1	1	2	4	6	30	5	6	3	1	0	0
13	1	1	2	4	6	104	6	6	3	1	0	0
14	1	1	1	5	6	47	7	5	3	130	2	0
15	1	1	1	4	6	29	7	5	3	30	2	0
16	1	1	1	5	6	32	6	16	2	6	1	0
17	1	1	2	3	6	41	5	20	2	5	2	0
18	1	2	2	3	6	36	4	8	1	4	1	0
19	1	2	2	3	5	34	7	6	1	3	0	0
20	1	2	2	3	4	31	7	5	2	2	0	0
21	1	2	2	3	4	28	7	5	2	1	0	0
22	1	2	2	2	4	24	9	47	2	1	0	0
23	1	2	2	2	4	20	7	77	2	1	0	0
24	1	2	2	2	4	19	8	50	1	1	0	0
25	1	2	2	2	4	18	7	17	1	1	0	0
26	1	2	2	3	4	13	6	28	2	1	0	0
27	1	2	2	3	4	10	6	128	2	1	0	0
28	1	2	2	3	5	9	6	19	2	1	0	0
29	1	2	4	3	5	11	5	7	2	1	0	0
30	1	2	3	3	—	16	5	4	4	1	0	0
31	1	—	3	4	—	20	—	4	—	1	0	0
Mean	2	1	2	3	4	20	6	17	2	7	1	0
Max.	10	2	4	5	6	104	14	126	4	130	2	0
Min.	1	1	1	2	4	4	3	4	1	1	0	0
A.F.	105	88	123	197	257	1230	342	1020	142	442	41	22

Total acre-feet 4010

SUMMARY
ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1951			Water Year Ending September 30, 1952		
	Acreage Reported	Water Diverted	Acre-Ft. Per Acre	Acreage Reported	Water Diverted	Acre-Ft. Per Acre
Alliance (2)	6286	11080	1.76	6278	17770	2.83
Beerline (1)	2080	1490	0.72	2080	1700	0.82
Belmont-Empire (2)	15907	27530	1.73	14304	36200	2.53
Birdwood (1)	5287	3210	0.61	5287	8160	1.54
Blue Creek (1)	2918	4100	1.41	2918	7600	2.60
Browns Creek (1)	6084	7370	1.21	6143	14480	2.36
Cambridge (1)	0	7530		2292	8070	3.52
Castle Rock-Steamboat (1)	6155	20700	3.36	6155	23550	3.83
Central (1)	2092	4540	2.17	2077	4790	2.31
Chimney Rock (1)	5380	9010	1.67	5668	13880	2.45
Cody-Dillon (1)	5053	2280	0.45	5048	6230	1.23
Courthouse Rock (1)	1496	3800	2.54	1462	3400	2.33
Cozad (1)	25190	15790	0.63	25190	26000	1.03
Culbertson (1)	9302	23950	2.57	9318	27850	2.99
Dawson County (1)	95597	35700	0.37	95577	56120	0.59
Elm Creek (1)	15961	10190	0.64	15641	9740	0.62
Enterprise (1)	7995	20110	2.52	7279	23430	3.22
Fort Laramie (2)	105037	305320	2.91	105056	378810	3.61
French (1)	1666	3040	1.82	1666	4640	2.79
Gering (1)	13510	29310	2.17	14354	37680	2.63
Gothenburg (2)	22404	24460	1.09	22315	47320	2.12
Graf (1)	2089	2010	0.96	2089	3630	1.74
Haigler (0)	3068	8650	2.82	3088	12000	3.89
Hooper (1)	877	2570	2.93	882	2830	3.21
Interstate (2)	127540	520690	4.08	127540	611710	4.80
Kearney (2)	4207	3300	0.78	4210	6040	1.43
Keith-Lincoln (1)	6081	14220	2.34	5945	25310	4.26
Kimball (0)	4500	4890	1.09	4500	4930	1.10
Last Chance (1)	442	1610	3.64	442	1860	4.21
Lisco (1)	3802	4640	1.22	3813	7530	1.97
Lyons (1)	966	1880	1.95	966	2590	2.68
Meeker (1)	2930	6850	2.34	9740	2930	3.32
Meredith-Ammer (1)	579	1260	2.18	712	1770	2.49
Middle Loup PPID No. 1 (1)	3236	3080	0.95	3206	8640	2.69
Middle Loup PPID No. 2 (1)	2945	3600	1.22	2904	11160	3.84
Middle Loup PPID No. 3 (1)	6869	6660	0.97	6869	16210	2.36
Middle Loup PPID No. 4 (1)	7292	7260	1.00	7290	16210	2.22
Midland-Overland (1)	2025	1170	0.58	1284	2720	2.12
Minatare (1)	7981	10730	1.34	7689	20530	2.67
Mirage Flats (1)	11610	15680	1.35	11640	23830	2.05
Mitchell (1)	13601	37150	2.73	13601	45640	3.36
Nine Mile (1)	5811	15920	2.74	5689	17670	3.11

ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
Concluded
BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1951			Water Year Ending September 30, 1952		
	Acreage Reported	Water Diverted	Acre-Ft. Per Acre	Acreage Reported	Water Diverted	Acre-Ft. Per Acre
North Loup PPID, Taylor- Ord (1)	14862	10470	0.70	14506	33650	2.32
North Loup PPID, Burwell- Sumter (1)	7247	6870	0.95	7206	15920	2.21
North Loup PPID, Ord-North Loup (1)	6860	5600	0.82	6596	13870	2.10
North Platte (1)	14048	26370	1.88	14067	50940	3.62
Northport (1)	16109	48940	3.04	16109	69170	4.29
Orchard-Alfalfa (1)	5950	4100	0.69	5950	9390	1.58
Oshkosh (1)	1740	1750	1.01	1728	2370	1.37
Paisley (1)	1137	1930	1.70	1100	3260	2.96
Paxton-Hershey (1)	7358	8570	1.16	7358	18240	2.48
Ramshorn (1)	1837	2570	1.40	1837	3580	1.95
Sheridan-Wilson (1)	918	2790	3.04	876	3140	4.64
Short Line (1)	2860	2380	0.83	2590	5240	2.02
Six Mile (1)	1173	40	0.03	1173	825	0.70
Spohn (1)	1035	330	0.32	1035	1210	1.17
Suburban (1)	7168	11360	1.58	7168	21900	3.06
Superior (1)	301	1940	6.45	1488	6280	4.22
Thirty Mile (1)	23209	21600	0.93	23033	39840	1.73
Tri-County* (3)	208417	225050	1.08	220807	287160	1.30
Tri-State (1)	63114	179860	2.85	63040	274760	4.36
Union (1)	1224	1900	1.55	1224	2600	2.12
Western (1)	12221	36060	2.95	11904	37630	3.16
Winters Creek (3)	5748	17890	3.11	5748	21350	3.71

Note:—Number in parentheses following name of project indicates the number of automatic recorders operating.

*For irrigation exclusive of power.

**DAILY DIVERSIONS
OF CANALS**

THIS PAGE INTENTIONALLY LEFT BLANK

DAILY DIVERSIONS OF CANALS—1951

ALLIANCE CANAL from Bayard Sugar Factory Drain Measured through Parshall flume Sec. 4-20-52 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	20	23	0	19	8
2	0	23	21	0	20	0
3	0	24	20	0	21	15
4	0	24	20	0	21	7
5	0	24	23	0	18	0
6	0	24	22	0	18	0
7	0	21	23	0	15	0
8	0	21	24	0	10	0
9	0	22	26	0	10	0
10	0	23	24	4	4	0
11	0	24	18	15	0	0
12	0	22	22	16	0	0
13	0	21	20	10	0	0
14	0	20	18	16	0	0
15	0	22	17	17	0	0
16	0	25	15	16	0	0
17	0	17	13	5	0	0
18	0	2	11	0	0	0
19	0	8	11	0	0	0
20	0	13	0	16	8	0
21	0	13	0	24	16	0
22	0	13	0	24	18	0
23	0	6	0	25	16	0
24	2	0	0	20	15	7
25	5	0	0	14	15	0
26	13	0	0	13	15	12
27	20	0	0	23	17	12
28	19	9	0	23	16	13
29	19	16	0	24	16	14
30	19	17	0	23	18	10
31		14		18	18	
Mean	3	16	12	11	11	3
Max.	20	25	26	25	21	15
Min.	0	0	0	0	0	0
A.F.	190	970	740	690	680	190
Water diverted	3460					
A.F.						
Acreeage reported						
D-874-1035						
2106						

ALLIANCE CANAL from Red Willow Creek—Measured through rating flume—Sec. 6-20-51 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	16	0	13	0	58	0
2	12	0	19	0	58	0
3	11	11	16	0	67	0
4	11	11	11	0	51	0
5	11	13	11	0	9	0
6	10	15	12	0	46	0
7	4	18	14	24	48	0
8	0	15	19	25	41	0
9	0	22	14	32	81	0
10	0	18	1	32	42	0
11	0	22	0	32	44	0
12	0	22	19	8	30	12
13	0	21	26	38	24	17
14	0	33	25	40	48	11
15	0	37	29	35	53	6
16	0	44	29	32	48	5
17	0	0	6	36	50	11
18	0	0	30	36	52	11
19	0	22	4	35	55	16
20	0	34	0	28	63	28
21	0	28	0	23	65	25
22	0	44	0	31	70	25
23	0	37	2	32	44	22
24	0	37	0	35	33	27
25	0	36	1	38	56	21
26	0	33	0	38	50	23
27	0	29	0	20	51	24
28	0	25	0	49	53	27
29	0	21	0	49	56	33
30	0	19	0	49	55	40
31				54	59	
Mean	2	22	10	27	50	13
Max.	16	44	30	54	81	40
Min.	0	0	0	0	0	0
A.F.	150	1330	600	1690	3090	760
Water diverted	7620					
A.F.						
Acreeage reported						
D-874-1035						
4022						
A-1181						
A-1432						
A-1436						
80						
60						
18						
Total						4180

ATKINS POLLY CANAL from Lodgepole Creek—Measured in section of canal—Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	4	0	1	0
2	0	0	0	1	0
3	0	0	0	1	0
4	0	0	0	1	0
5	0	0	0	1	0
6	0	0	0	1	0
7	0	0	0	2	0
8	0	0	0	2	0
9	0	0	0	1	0
10	0	0	0	1	0
11	0	0	0	1	0
12	0	0	0	1	0
13	0	0	0	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	3	0	0
19	0	0	3	0	0
20	0	0	4	0	0
21	0	0	3	0	0
22	0	0	3	0	0
23	0	0	4	0	0
24	0	0	3	0	0
25	0	0	3	0	0
26	0	0	1	0	0
27	0	0	1	4	0
28	0	0	1	5	0
29	3	0	1	5	0
30	4	0	1	5	0
31	3		1	0	
Mean	0	0	1	1	0
Max.	4	4	4	5	0
Min.	0	0	0	0	0
A.F.	20	10	70	70	0
Water diverted	170				
A.F.					
Acreeage reported					
D-342					
55					
D-344					
30					
A-897R					
8					
Total					93

BEERLINE CANAL from North Platte River and Pathfinder Reservoir Measured through rating flume—Sec. 24-19-49 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	5	2	3	0
2	0	0	6	4	5	0
3	0	0	9	3	0	4
4	0	0	7	3	2	3
5	0	0	9	3	7	0
6	0	0	9	3	12	0
7	0	0	9	5	10	0
8	0	0	10	6	7	0
9	0	0	10	6	6	0
10	0	0	12	6	6	0
11	0	0	9	8	6	0
12	0	0	8	10	7	0
13	0	0	7	12	9	0
14	0	0	7	12	10	0
15	0	0	2	7	10	0
16	0	0	0	7	10	0
17	0	0	0	8	10	0
18	0	0	0	8	10	0
19	0	0	0	6	15	0
20	0	0	0	6	14	0
21	0	0	0	6	12	0
22	0	0	0	6	13	0
23	0	0	0	6	14	0
24	0	15	0	9	14	0
25	0	20	0	12	15	0
26	0	6	4	12	13	0
27	0	0	0	15	13	0
28	0	16	0	17	12	0
29	0	6	0	18	10	0
30	0	13	0	20	7	0
31	0	4		9	0	
Mean	0	3	4	8	9	0
Max.	0	20	12	20	15	4
Min.	0	0	0	2	0	0
A.F.	0	160	250	510	560	10
Water diverted	1490					
A.F.						
Acreeage reported						
D-887						
2080						

DAILY DIVERSIONS OF CANALS—1951

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	26	0	35	100	47	96	132
2	20	0	36	83	43	111	61
3	14	0	42	59	41	126	0
4	5	0	47	63	44	122	0
5	0	0	101	90	49	118	0
6	0	0	97	79	62	117	0
7	0	0	86	76	84	111	0
8	0	0	80	78	104	110	0
9	0	0	74	78	104	118	0
10	0	0	83	79	87	120	28
11	0	0	96	89	79	117	34
12	0	0	86	91	82	120	41
13	0	0	94	87	74	122	45
14	0	0	94	73	70	118	22
15	0	0	91	80	69	120	22
16	0	0	87	108	59	122	22
17	0	21	80	111	89	118	15
18	0	23	64	98	100	117	8
19	0	33	57	78	124	105	14
20	0	42	60	73	136	114	29
21	0	57	53	68	145	118	34
22	0	68	56	58	145	120	43
23	0	66	76	51	155	131	42
24	0	63	78	53	160	124	44
25	0	57	75	53	158	134	55
26	0	53	73	37	155	132	66
27	0	55	73	38	148	129	71
28	0	50	80	35	136	134	71
29	0	44	82	34	131	131	71
30	0	36	80	44	117	122	74
31	0	—	90	—	118	126	—
Mean	2	22	74	71	100	120	35
Max.	26	68	101	111	160	134	132
Min.	0	0	35	34	41	96	0
A.F.	130	1320	4870	4250	6180	7380	2070
Water diverted			25900	A.F.			

BELMONT CANAL from Cedar
Creek—Measured through rating
flume—Sec. 23-18-48 W.

Day	May	June	July	Aug.	Sept.	
1	0	2	2	12	11	
2	0	2	2	12	0	
3	0	2	2	12	0	
4	0	2	2	12	0	
5	2	2	2	12	0	
6	2	2	2	12	0	
7	2	2	2	12	0	
8	2	2	2	10	12	0
9	2	2	2	10	12	0
10	2	2	2	10	12	0
11	2	2	2	10	12	0
12	2	2	2	10	12	0
13	2	2	2	10	12	0
14	2	2	2	10	12	0
15	2	2	2	10	12	0
16	2	2	2	10	12	0
17	2	2	2	11	12	0
18	2	2	2	11	12	0
19	2	2	2	11	12	0
20	2	2	2	12	12	0
21	2	2	2	12	12	0
22	2	2	2	12	12	0
23	2	2	2	11	12	0
24	2	2	2	12	12	0
25	2	2	2	12	12	0
26	2	2	2	12	11	0
27	2	2	2	12	11	0
28	2	2	2	12	11	0
29	2	2	2	12	11	0
30	2	2	2	12	11	0
31	2	2	2	12	11	0
Mean	2	2	2	9	12	0
Max.	2	2	2	12	12	11
Min.	0	2	2	2	11	0
A.F.	110	120	660	720	20	
Water diverted	1630	A.F.				

BELMONT-EMPIRE CANAL
Summary in Acre-feet—1951

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River—								
Belmont-Empire Canal	130	1320	4570	4250	6180	7380	2070	25900
Diverted from Cedar Creek—								
Belmont Canal	0	0	110	120	660	720	20	1630
Total diversion	130	1320	4680	4370	6840	8100	2090	27530
Water diverted								
27530 A.F.								
						Acreage reported		
						D-828		14283
						D-858		1549
						A-888		75
						Total		15907

DAILY DIVERSIONS OF CANALS—1951

621

BENNETT CANAL from Lodgepole Creek and Bennett Reservoir
Measured through rating flume—
Sec. 22-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	3	2
3	0	0	0	2	1
4	0	0	0	1	1
5	4	0	0	2	1
6	4	0	8	4	1
7	5	0	7	4	1
8	4	0	3	4	1
9	4	0	3	4	1
10	4	0	4	4	1
11	7	0	4	3	1
12	7	0	4	4	1
13	7	0	3	3	1
14	7	0	3	4	1
15	7	0	3	3	1
16	7	0	0	3	1
17	7	0	0	3	1
18	8	0	0	3	1
19	7	0	0	3	1
20	8	0	0	8	1
21	3	0	0	4	1
22	3	0	0	5	1
23	3	0	0	5	1
24	3	0	0	6	1
25	3	0	0	7	1
26	3	0	0	8	1
27	3	0	0	9	1
28	4	0	0	0	2
29	4	0	0	0	1
30	4	0	2	1	1
31	4	0	2	1	1
Mean	4	0	1	4	1
Max.	8	0	8	9	2
Min.	0	0	0	0	0
A.F.	270	0	90	230	60
Water diverted	Acreage reported				
650 A.F.	A-691		86		
	A-1975 Storage		414		
Total					500

BICKEL-FADEN from Lodgepole Creek—Measured through rating flume—Sec. 30-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	1
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	1
13	0	0	0	0	1
14	0	0	0	0	1
15	0	0	0	0	1
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	1
21	0	0	0	0	1
22	0	0	0	0	1
23	0	0	0	0	1
24	0	0	0	0	1
25	0	0	0	0	1
26	0	0	0	0	1
27	0	0	0	0	1
28	0	0	0	0	1
29	0	0	0	0	1
30	0	0	0	0	1
31	0	0	0	0	1
Mean	0	0	0	0	1
Max.	0	0	0	0	1
Min.	0	0	0	0	0
A.F.	0	0	0	30	20
Water diverted	Acreage reported				
50 A.F.	D-347		22		
	A-719		61		
	A-724		8		
Total					91

BIRDWOOD CANAL from Birdwood Creek
Measured through rating flume—
Sec. 35-15-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	17	0	0	0	22	29
2	14	22	0	0	0	23	28
3	9	20	0	0	0	24	14
4	10	14	0	0	0	23	15
5	14	16	0	0	0	17	16
6	16	18	0	0	0	19	11
7	17	18	0	0	0	19	12
8	18	9	0	0	0	2	13
9	18	0	0	0	0	6	13
10	19	0	0	0	0	14	12
11	20	0	0	0	0	15	11
12	19	0	0	0	0	17	26
13	20	0	0	0	0	19	16
14	21	0	0	0	0	22	11
15	16	0	0	0	19	28	12
16	6	0	0	0	18	24	12
17	5	0	0	0	18	24	12
18	5	0	0	0	14	24	13
19	5	0	0	0	0	27	13
20	6	0	0	0	0	29	14
21	6	0	0	0	0	28	14
22	5	0	0	0	0	31	15
23	4	0	0	0	0	36	15
24	4	0	0	0	0	22	15
25	4	0	0	0	2	3	15
26	6	0	0	0	17	0	15
27	5	0	0	0	26	0	13
28	5	0	0	0	8	3	13
29	5	0	0	0	0	12	14
30	6	0	0	0	5	16	15
31	8	0	0	0	20	18	...
Mean	10	4	0	0	5	18	15
Max.	21	22	0	0	26	29	29
Min.	4	0	0	0	0	0	0
A.F.	640	270	0	0	290	1120	890
Water diverted	Acreage reported						
3210 A.F.	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	0	0	4	0	30	0
2	0	6	8	0	37	0
3	0	11	7	0	41	0
4	0	10	9	0	44	0
5	0	11	13	8	42	0
6	0	11	16	14	41	0
7	0	5	16	13	40	0
8	0	0	4	17	40	0
9	0	1	8	18	40	0
10	0	12	14	25	40	0
11	0	13	11	31	43	0
12	0	9	11	23	38	0
13	0	0	8	13	40	0
14	0	0	8	10	43	0
15	0	2	11	9	42	0
16	6	16	17	13	42	0
17	21	18	14	21	41	0
18	25	15	0	32	38	0
19	23	0	0	27	37	0
20	12	4	0	22	40	0
21	0	0	0	26	41	0
22	2	0	0	21	42	0
23	17	0	0	20	40	0
24	18	0	0	15	0	0
25	19	0	0	19	0	0
26	22	0	0	28	0	0
27	20	0	0	27	0	0
28	13	4	0	37	0	2
29	18	9	0	21	0	2
30	8	9	0	24	0	2
31	...	10	0	27	0	0
Mean	75	57	60	181	297	0
Max.	25	18	17	37	44	2
Min.	0	0	0	0	0	0
A.F.	440	350	360	1110	1830	10
Water diverted	Acreage reported					
4100 A.F.	D-785		2549			
	D-795		339			
	A-1154		30			
Total						2918

DAILY DIVERSIONS OF CANALS—1951

BRADY CANAL from Lodgepole Creek—Measured through section of canal—Sec. 28-15-54 W.

Day	May	June	July	Aug.	Sept.
1	2	0	0	0	0
2	2	0	0	0	0
3	2	0	0	0	0
4	0	0	0	0	0
5	1	0	0	0	0
6	1	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	1	0	0	0	0
30	1	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	2	0	0	0	0
Min.	0	0	0	0	0
A.F.	20	0	0	0	0
Water diverted 20 A.F.		Acreage D-352	reported		60

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	0	20	27	23	37	41
2	0	19	24	2	39	34
3	0	18	29	1	43	13
4	0	22	32	8	40	0
5	0	17	43	8	43	0
6	0	19	39	17	42	0
7	0	19	35	29	37	10
8	0	21	25	14	40	19
9	0	19	21	14	46	18
10	0	15	0	15	40	16
11	0	26	0	22	34	15
12	0	19	0	11	36	19
13	0	13	0	22	38	20
14	0	11	9	16	37	28
15	0	18	40	47	34	17
16	0	34	34	45	33	16
17	0	48	37	43	30	17
18	17	50	35	37	23	16
19	18	30	37	41	20	11
20	19	18	21	41	26	9
21	18	8	20	37	30	10
22	19	5	16	38	33	5
23	19	3	18	44	34	6
24	22	3	13	43	39	7
25	23	4	6	46	40	12
26	22	0	34	35	34	14
27	22	0	1	16	30	15
28	23	0	0	23	32	10
29	22	3	11	23	30	9
30	20	13	14	42	32	10
31		16		37	30	
Mean	9	16	20	37	35	14
Max.	23	50	43	47	46	41
Min.	0	0	0	1	20	0
A.F.	523	1010	1210	1670	2150	807
Water diverted 7370 A.F.		Acreage D-857-1033	reported			6084

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	24	33	40	30	39
2	0	23	0	41	31	37
3	0	18	0	43	32	30
4	0	24	0	43	32	0
5	0	28	4	42	32	0
6	0	28	17	37	31	0
7	0	31	27	24	29	0
8	0	35	31	23	29	0
9	0	37	30	23	32	0
10	0	36	32	25	36	0
11	0	36	25	14	37	0
12	0	33	30	0	37	0
13	0	30	32	0	38	0
14	0	26	34	0	44	0
15	0	26	31	0	44	0
16	0	26	29	0	42	0
17	0	29	29	0	48	0
18	0	22	25	0	39	0
19	0	13	26	0	39	0
20	22	12	48	0	37	0
21	24	6	52	0	36	0
22	24	12	49	0	37	0
23	24	13	43	9	36	0
24	24	14	41	29	37	0
25	24	16	40	32	37	0
26	22	16	42	29	37	0
27	20	13	42	30	37	0
28	30	31	41	29	37	0
29	26	45	40	27	38	0
30	22	40	41	29	37	0
31		49		31	37	
Mean	9	26	30	19	36	4
Max.	30	49	52	43	48	39
Min.	0	6	0	0	29	0
A.F.	520	1570	1810	1190	2230	210
Water diverted 7530 A.F.		Acreage A-3869e	reported			in-definite

CASTLE ROCK CANAL from North Platte River—Measured through rating flume—Sec. 14-21-54 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	61	0	36	62	52	79	81
2	55	0	26	57	48	90	78
3	50	0	19	51	38	88	62
4	44	16	20	46	38	76	64
5	35	44	46	41	46	83	54
6	19	34	71	42	50	89	46
7	0	34	68	43	64	87	50
8	0	34	60	42	80	83	48
9	0	35	47	43	78	81	46
10	0	40	58	48	78	80	44
11	0	40	86	48	81	85	42
12	0	12	0	38	84	83	41
13	0	13	0	40	92	50	74
14	0	14	0	40	96	44	76
15	0	15	0	37	85	38	80
16	0	16	0	37	87	40	81
17	0	17	0	36	70	44	78
18	0	18	0	37	48	46	74
19	0	19	0	37	44	66	76
20	0	20	0	38	40	64	65
21	0	21	0	39	39	62	89
22	0	22	0	39	38	58	89
23	0	23	0	39	40	42	86
24	0	24	0	48	42	70	84
25	0	25	0	47	43	62	78
26	0	26	0	39	44	20	74
27	0	27	0	38	43	37	76
28	0	28	0	37	44	40	93
29	0	29	0	36	44	42	89
30	0	30	0	36	46	44	80
31		31		48		77	76
Mean	9	34	53	48	73	81	44
Max.	61	48	96	70	93	90	81
Min.	0	0	19	20	38	73	14
A.F.	520	2010	3280	2870	4470	4950	2600
Water diverted 20700 A.F.		Acreage D-921 A-186R	reported				6016 139
Total							6155

CENTRAL CANAL from North Platte River and Pathfinder Reservoir—Measured through rating flume—Sec. 36-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	6	0	31	27
2	0	12	0	31	24
3	0	18	16	31	5
4	0	17	15	30	0
5	0	13	12	30	0
6	12	17	14	30	0
7	14	16	11	29	0
8	15	6	12	28	0
9	11	23	16	27	0
10	17	0	18	27	0
11	6	9	16	28	0
12	0	22	14	28	0
13	0	17	13	28	0
14	0	19	12	29	0
15	0	14	15	29	0
16	0	15	15	30	0
17	0	16	16	28	9
18	0	12	21	29	19
19	0	0	23	28	13
20	0	0	25	28	11
21	0	0	26	27	12
22	11	0	24	27	14
23	21	0	27	26	15
24	25	0	28	23	16
25	27	0	30	22	16
26	27	0	29	24	17
27	24	0	30	24	15
28	22	0	30	25	16
29	20	0	29	26	18
30	20	0	31	27	18
31	19	0	30	28	—
Mean	10	8	19	28	9
Max.	27	23	31	31	27
Min.	0	0	0	22	0
A.F.	620	510	1180	1700	530
Water diverted	4540 A.F.		Acreage reported		
			D-926 2092		

CHIMNEY ROCK CANAL from North Platte River and Pathfinder Reservoir—Measured through rating flume—Sec. 1-20-53 W.

Day	May	June	July	Aug.	Sept.
1	0	20	0	38	44
2	94	8	0	50	41
3	49	22	1	54	37
4	36	15	2	53	19
5	35	20	5	50	14
6	44	24	3	57	13
7	49	24	3	52	13
8	49	24	18	46	14
9	49	20	32	41	12
10	33	15	31	51	8
11	30	21	38	37	7
12	35	34	27	22	6
13	26	37	15	32	2
14	29	34	17	42	0
15	49	25	16	42	0
16	56	19	27	63	0
17	48	17	43	63	0
18	26	20	47	64	11
19	24	37	38	67	15
20	24	28	48	50	13
21	26	28	53	71	22
22	22	27	49	78	22
23	15	26	43	53	22
24	13	3	43	57	22
25	16	3	42	59	21
26	20	3	48	47	22
27	22	3	26	46	19
28	34	0	20	55	26
29	34	0	29	59	16
30	41	0	32	59	9
31	55	—	37	47	—
Mean	35	18	27	52	16
Max.	94	37	53	78	44
Min.	0	0	0	22	0
A.F.	2150	1100	1650	3180	930
Water diverted	9010 A.F.		Acreage reported		
			D-844-1031 5380		

CIRCLE ARROW CANAL from Lodgepole Creek—Measured through rating flume—Sec. 30-15-54 W.

Day	May	June	July	Aug.	Sept.
1	0	3	1	0	0
2	0	4	0	0	0
3	0	3	0	0	0
4	0	3	0	0	0
5	5	3	0	0	0
6	4	3	0	0	0
7	3	3	0	0	0
8	3	3	0	0	0
9	3	3	0	0	0
10	3	3	0	0	0
11	3	0	0	0	0
12	3	0	0	0	0
13	3	0	0	0	0
14	3	0	0	0	0
15	4	0	0	0	0
16	4	2	0	0	0
17	5	2	0	0	0
18	3	3	0	0	0
19	3	2	0	0	0
20	3	2	0	0	0
21	3	2	0	0	0
22	3	4	0	0	0
23	3	2	0	0	0
24	3	4	0	0	0
25	3	1	0	0	0
26	3	1	0	0	0
27	3	1	0	0	0
28	3	1	0	0	0
29	3	1	0	0	0
30	3	1	0	0	0
31	3	0	0	0	0
Mean	3	2	0	0	0
Max.	5	4	1	0	0
Min.	0	0	0	0	0
A.F.	170	120	2	0	0
Water diverted	292 A.F.		Acreage reported		
			D-346 220		

CODY-DILLON CANAL from North Platte River—Measured over weir—Sec. 10-14-31 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	12	14	0	1	3	2	6
2	8	15	0	1	3	5	7
3	0	16	0	4	3	6	7
4	0	17	0	2	2	10	6
5	0	17	0	2	2	13	5
6	0	16	0	4	2	13	4
7	1	17	0	6	3	16	3
8	1	14	0	8	3	21	3
9	1	0	0	8	3	28	3
10	0	0	0	5	5	30	3
11	0	0	0	3	5	28	2
12	1	0	0	4	4	8	2
13	0	0	0	2	1	29	2
14	0	0	0	3	2	26	2
15	7	0	0	2	2	24	2
16	11	0	0	2	2	20	2
17	10	0	0	3	3	20	2
18	10	0	0	3	5	20	2
19	8	0	0	2	4	20	2
20	10	0	0	1	3	21	2
21	14	0	0	1	2	21	2
22	14	0	0	7	3	20	2
23	13	0	0	4	2	20	2
24	12	0	0	3	2	20	2
25	12	0	0	2	2	20	1
26	13	0	0	1	2	18	1
27	14	0	0	1	2	17	1
28	13	0	0	1	4	13	1
29	13	0	1	1	5	8	1
30	13	0	1	2	4	8	1
31	14	0	1	1	3	7	1
Mean	7	4	—	3	3	17	3
Max.	14	17	1	8	5	30	7
Min.	0	0	0	1	1	2	1
A.F.	450	250	8	176	180	1060	159
Water diverted	2280 A.F.		Acreage reported				
			D-649 5053				

DAILY DIVERSIONS OF CANALS—1951

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	2116	2006	856	1731	619	1650	2336	2536	2659	2314	1720	2380
2	2858	2028	346	1852	640	1640	2325	2620	2596	2314	1650	2476
3	2870	2028	61	1775	806	896	2226	3560	2711	2594	1490	2468
4	2883	2094	340	1690	1005	584	2094	2325	2596	2810	1350	2608
5	2724	2094	74	1620	1167	1753	2105	2369	2633	2688	1248	2698
6	2416	2017	240	1430	1257	760	2476	2314	2620	2524	1149	2870
7	2303	2050	298	1440	1230	458	2659	2314	2512	2259	1104	2810
8	2270	2061	400	1440	1248	106	2685	2149	2440	2083	1086	2810
9	2314	1995	493	1510	1257	23	2464	2094	2548	2050	1570	2810
10	2083	160	598	1520	1340	19	2149	2215	2672	2248	2138	2810
11	1995	570	856	1520	1550	13	2281	2452	2360	2584	2028	2762
12	2105	1360	1140	1580	1620	49	2369	2193	2536	2822	2171	2870
13	2028	1095	1470	1630	1650	210	2193	2017	2464	2711	2347	2846
14	2017	1973	1670	1630	1670	920	2028	2182	2584	2360	2572	2870
15	1973	1973	1600	1700	1620	1212	2116	2358	2698	2259	2698	2834
16	1984	2050	1874	1742	1640	1140	2050	2336	2633	2182	2724	2750
17	2028	2017	1951	1808	1650	400	1984	2762	2452	2248	2440	2786
18	2017	1995	1951	1885	1660	118	1863	2698	2596	2360	2476	2672
19	2050	1540	1918	1863	1753	322	1940	2810	2646	2596	2094	2608
20	1995	86	1962	1720	1841	535	2083	2810	2560	2392	2572	2512
21	2083	960	1951	1520	1841	563	2596	2672	2380	2292	2834	2428
22	2072	1995	1640	1420	1830	1852	2672	2737	2476	2358	2858	2672
23	2050	358	1086	1400	1440	1852	2488	2724	2560	2464	2798	2711
24	2050	256	1239	1370	1450	1907	2193	2737	2796	2325	2698	2608
25	2028	458	1764	1410	1530	1995	2392	2737	2774	2476	2948	2846
26	1973	500	1908	1530	1640	2006	2416	2810	2762	2105	2762	2476
27	1896	936	1680	1580	1775	2017	2659	2822	2737	1863	2858	2464
28	1896	1050	1520	1420	1610	2548	2488	2659	2584	1753	2834	2440
29	1984	563	1500	1023	.....	2572	2248	2440	2560	1764	2711	2392
30	1995	1630	1600	800	.....	2524	2270	2440	2303	1786	2572	2138
31	2006	.....	1690	712	.....	2452	.....	1520	.....	1753	2428	.....
Mean	2163	1397	1212	1525	1441	1132	2295	2465	2582	2302	2223	2643
Max.	2883	2094	1962	1885	1841	2572	2672	2822	2786	2822	2848	2870
Min.	1973	86	61	712	640	13	1863	1520	2303	1753	1086	2138
A. F.	133020	83100	74530	93760	80020	69610	136560	151560	153640	141570	136700	157260
Water diverted	1411330	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	0	14	18	14	19	28
2	0	13	17	14	17	41
3	0	13	18	14	19	17
4	0	13	18	13	19	0
5	0	12	16	13	20	0
6	0	11	16	12	19	0
7	0	10	18	12	19	0
8	0	9	15	12	18	1
9	0	9	15	12	18	1
10	0	9	15	11	17	2
11	0	7	22	15	17	2
12	0	6	24	17	17	2
13	0	6	24	17	17	2
14	0	7	22	17	16	2
15	0	8	22	15	15	2
16	0	8	22	12	14	1
17	0	8	27	10	13	1
18	0	8	26	10	12	1
19	0	8	22	10	13	1
20	0	8	19	10	14	1
21	0	8	19	9	14	1
22	0	8	26	9	15	1
23	0	8	28	8	16	0
24	0	8	18	6	18	0
25	0	8	16	6	16	0
26	0	8	15	16	15	0
27	0	8	14	28	16	0
28	0	8	14	23	16	0
29	0	8	14	22	16	0
30	8	11	15	21	16	0
31	.....	9	.....	20	16	.....
Mean	0	9	19	14	16	4
Max.	0	15	28	28	20	41
Min.	0	6	14	6	12	0
A. F.	20	570	1140	850	1010	210
Water diverted	3800	A.F.	.....	.....	.....	.....
Acres reported	.....	D-840	1028	1496	.....	.....

COZAD CANAL from Platte River
Measured through section of canal—
Sec. 13-11-25 W.

Day	May	June	July	Aug.	Sept.
1	0	24	50	61	15
2	0	15	48	75	15
3	0	14	50	107	15
4	0	22	50	128	15
5	1	32	36	145	16
6	1	32	36	167	12
7	1	32	37	190	10
8	1	70	40	224	3
9	1	48	22	229	2
10	1	15	33	231	2
11	1	17	51	239	2
12	1	26	64	253	2
13	1	26	51	256	1
14	1	68	43	241	1
15	1	40	44	224	1
16	34	32	43	225	0
17	8	47	43	212	0
18	17	53	44	212	0
19	24	64	44	209	0
20	28	60	40	162	0
21	83	57	40	144	0
22	50	86	41	138	0
23	62	58	45	133	0
24	60	57	34	65	0
25	62	34	30	32	0
26	62	46	48	36	0
27	59	22	52	35	0
28	55	30	70	18	0
29	55	25	70	14	0
30	57	51	59	16	0
31	66	56	54	14	.....
Mean	26	40	46	143	4
Max.	83	86	70	256	16
Min.	0	14	22	14	0
A. F.	1570	2390	2810	8800	220
Water diverted	15790	A.F.	.....	.....	.....
Acres reported	.....	D-626	.....	25190	.....

CRESCENT LAKE OUTLET
To Blue Creek
Sec. 21-20-44 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	15	0
5	0	0	0	30	0
6	0	0	0	29	0
7	0	0	0	30	0
8	0	0	0	29	0
9	0	0	0	26	0
10	0	0	0	26	0
11	0	0	0	27	0
12	0	0	0	26	0
13	0	0	0	26	0
14	0	0	0	24	0
15	0	0	0	23	0
16	0	0	0	20	0
17	0	0	0	14	0
18	0	0	0	13	0
19	0	0	0	13	0
20	0	0	0	13	0
21	0	0	0	13	0
22	0	0	0	13	0
23	0	0	0	12	0
24	0	0	0	9	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	14	0
Max.	0	0	0	30	0
Min.	0	0	0	0	0
A.F.	0	0	0	850	0
Water withdrawn 760 A.F.					

CULBERTSON CANAL from Frenchman River
Measured through rating flume—Sec. 31-5-33 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	103	34	0	90	53	60	121	98
2	101	0	0	84	55	57	100	40
3	98	0	0	82	55	56	97	0
4	95	0	0	80	65	71	76	0
5	100	0	0	83	60	82	100	0
6	98	0	0	87	67	80	102	0
7	89	0	0	86	94	78	97	0
8	90	0	0	104	92	76	99	0
9	92	0	0	117	63	73	100	0
10	103	0	0	103	70	76	98	0
11	112	0	0	98	58	69	98	0
12	119	0	0	98	42	68	98	0
13	125	0	0	90	29	65	97	0
14	128	0	0	82	26	68	98	0
15	113	0	0	50	23	64	92	0
16	128	0	0	57	20	65	82	0
17	113	0	0	43	56	69	73	0
18	129	0	0	0	36	43	69	0
19	110	0	0	0	0	49	65	0
20	112	0	0	61	0	51	71	0
21	113	0	0	86	0	69	92	0
22	107	0	0	62	0	127	104	0
23	99	0	20	73	0	46	102	0
24	93	0	67	57	0	61	100	0
25	77	0	66	58	0	56	97	0
26	74	0	77	62	0	56	98	0
27	69	0	79	57	42	59	95	0
28	67	0	69	52	42	70	96	0
29	67	0	86	52	50	75	98	0
30	65	0	90	50	61	72	95	0
31	62	—	—	49	—	69	95	—
Mean	98	1	18	69	39	67	94	5
Max.	129	34	90	117	94	127	121	98
Min.	62	0	0	0	0	43	65	0
A.F.	6050	70	1100	4270	2300	4130	5760	270
Water diverted 23950 A.F.								
Acreage reported D-24, 25, 29, 30 9302								

DAILY DIVERSIONS OF CANALS—1951

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	155	0	90	29	219	122
2	150	0	89	52	227	121
3	90	0	44	167	315	116
4	90	0	58	170	311	108
5	90	0	67	149	327	87
6	83	0	55	119	344	69
7	83	0	61	108	335	51
8	83	0	102	112	317	39
9	67	0	174	111	322	37
10	0	0	168	90	399	22
11	0	0	146	90	419	13
12	0	0	163	140	408	11
13	0	0	113	128	430	13
14	0	0	187	124	414	15
15	0	0	124	125	399	12
16	0	0	78	138	403	10
17	0	0	66	124	389	0
18	0	0	86	139	387	0
19	0	0	124	150	320	0
20	0	0	102	138	184	0
21	0	0	71	117	173	0
22	0	0	110	111	167	0
23	0	0	180	119	167	0
24	0	0	146	104	134	0
25	0	0	129	84	206	0
26	0	0	129	66	238	0
27	0	0	131	163	200	0
28	0	0	94	219	143	0
29	0	37	65	284	143	0
30	0	51	41	216	136	0
31	0	96		257	121	
Mean	29	6	106	134	282	28
Max.	155	96	187	284	430	122
Min.	0	0	41	29	121	0
A.F.	1770	360	6330	8220	17350	1670

Water diverted	Acreage reported
35700 A.F.	D-621 520
	D-622 6545
	D-624 3045
	A-2039 5113
	A-2093 213
	A-2110 18286
	A-2145 985
	A-2262 890
	Total 95597

ELM CREEK CANAL from Platte River and Sutherland Reservoir Measured through rating flume—Sec. 5-8-19 W.

Day	May	June	July	Aug.	Sept.
1	0	24	7	64	46
2	0	28	6	56	42
3	0	28	6	75	40
4	0	24	6	78	45
5	9	19	4	58	25
6	10	19	4	64	21
7	10	18	8	84	18
8	14	17	10	94	18
9	12	16	16	72	17
10	12	22	22	61	15
11	12	22	29	75	13
12	12	16	34	70	12
13	10	14	30	72	12
14	10	22	18	82	12
15	11	22	17	94	12
16	22	21	16	82	12
17	38	17	18	68	12
18	44	12	18	74	12
19	40	12	20	108	12
20	29	14	18	120	11
21	29	14	18	126	10
22	17	16	18	104	1
23	31	14	23	99	3
24	20	17	45	86	29
25	18	16	44	70	30
26	20	162	46	61	34
27	16	96	54	64	32
28	16	36	60	57	30
29	20	18	56	53	36
30	19	11	60	54	36
31	20		66	53	
Mean	17	26		77	22
Max.	44	162	66	126	46
Min.	0	0	11	4	1
A.F.	1040	1560	1580	4720	1290
Water diverted	10190 A.F.	Acreage reported	A-2093R 68	A-2104 15893	
		Total	15861		

ENTERPRISE CANAL from North Platte River—Measured through rating flume—Sec. 27-33-57 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	26	0	18	4	61	41
2	25	41	0	3	57	46
3	24	42	0	3	57	11
4	22	44	32	3	53	0
5	22	41	43	3	55	0
6	18	44	36	3	52	0
7	7	44	36	3	47	0
8	14	41	39	14	51	13
9	18	40	44	20	51	14
10	12	41	45	18	55	20
11	3	42	46	20	53	18
12	0	40	45	22	53	10
13	0	42	44	28	52	10
14	0	40	45	30	50	12
15	0	44	46	36	50	15
16	0	42	46	33	50	22
17	0	42	49	34	50	33
18	0	48	45	38	51	32
19	0	45	38	40	51	35
20	0	51	46	58	51	38
21	0	48	49	61	51	41
22	0	45	43	57	50	43
23	0	46	41	58	49	44
24	0	49	32	60	50	44
25	0	51	0	61	49	46
26	0	53	0	60	50	43
27	0	53	0	61	49	36
28	0	52	4	52	49	36
29	0	51	3	57	48	44
30	0	51		55	48	30
31	0	51		55	48	
Mean	6	44	30	33	51	26
Max.	26	53	49	61	61	46
Min.	0	0	0	3	47	0
A.F.	380	2710	1810	2040	3160	1550
Water diverted	11650 A.F.					

ENTERPRISE CANAL from Wet Spotted Tail Creek—Measured in channel of stream—Sec. 22-23-56 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	11	3	9	8	14	15
2	11	3	9	8	13	15
3	11	3	9	7	12	15
4	11	3	9	7	11	15
5	11	3	9	7	10	14
6	11	4	9	7	10	14
7	11	4	9	7	10	14
8	11	4	9	7	10	14
9	11	4	9	7	10	14
10	11	4	9	7	10	14
11	11	5	9	8	11	14
12	0	5	9	9	11	14
13	0	5	9	9	11	14
14	0	5	9	9	11	14
15	0	6	9	9	11	14
16	0	7	9	9	11	14
17	0	9	9	9	11	14
18	0	9	9	9	11	14
19	0	9	9	9	11	14
20	0	9	9	9	11	14
21	0	9	9	9	11	14
22	0	9	9	9	11	14
23	0	9	9	9	11	14
24	0	9	9	9	15	14
25	0	9	9	9	15	14
26	0	9	9	9	15	14
27	0	9	8	9	15	14
28	0	9	8	15	15	14
29	0	9	8	15	15	14
30	0	9	8	15	15	14
31	0	9	15	15	15	14
Mean	4	7	9	9	12	14
Max.	11	9	9	15	15	15
Min.	0	3	8	7	10	14
A.F.	240	400	530	560	740	840
Water diverted			3310	A.F.		

ENTERPRISE CANAL from Morrill Drain—Measured in channel of drain—Sec. 14-23-57 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	4	1	2	2	3	4
2	4	1	2	2	3	4
3	4	1	2	2	3	4
4	4	1	2	2	3	4
5	4	1	2	2	3	4
6	4	1	2	2	3	4
7	3	1	1	1	2	3
8	3	1	1	1	2	3
9	3	1	1	1	2	3
10	3	1	1	1	2	3
11	3	1	1	1	2	3
12	0	1	1	1	2	3
13	0	1	1	1	2	3
14	0	1	1	1	2	3
15	0	1	1	1	2	3
16	0	1	1	1	2	3
17	0	2	2	2	3	4
18	0	2	2	2	3	4
19	0	2	2	2	3	4
20	0	2	2	2	3	4
21	0	2	2	2	3	4
22	0	2	2	2	3	4
23	0	2	2	2	3	4
24	0	2	2	2	3	4
25	0	2	2	2	3	4
26	0	2	2	2	3	4
27	0	2	2	2	3	4
28	0	2	2	2	3	4
29	0	2	2	2	3	4
30	0	2	2	2	3	4
31	0	2	2	2	3	4
Mean	1	1	3	3	4	5
Max.	4	2	3	3	4	4
Min.	0	1	2	2	3	3
A.F.	80	80	170	160	220	310
Water diverted			1020	A.F.		

ENTERPRISE CANAL from Stewart Drain—Measured in channel of drain—Sec. 13-23-57 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0
Mean	0	0	0	0	0	0
Max.	0	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	0	0	0	0	0	0

ENTERPRISE CANAL from Tub Springs—Difference between stations upstream and downstream from canal—Sec. 32-23-55 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	26	0	0	34	0
2	0	23	0	0	34	32
3	0	25	0	0	29	0
4	0	25	0	0	8	0
5	0	25	0	7	0	0
6	0	28	0	0	0	0
7	0	27	3	0	41	0
8	0	21	4	0	37	0
9	8	19	0	19	36	0
10	9	33	0	17	36	0
11	10	18	0	20	35	0
12	0	19	0	12	29	0
13	0	19	2	6	34	0
14	0	19	9	0	37	0
15	0	19	24	0	36	0
16	0	19	6	0	37	0
17	0	10	0	19	38	6
18	0	17	0	23	38	9
19	0	15	0	30	38	17
20	0	3	2	9	38	0
21	0	0	0	41	38	0
22	0	0	0	29	23	0
23	0	0	0	29	0	0
24	0	0	0	29	0	0
25	0	0	0	29	10	3
26	0	16	0	29	23	4
27	0	21	0	29	35	7
28	0	21	0	0	40	0
29	0	21	0	41	35	2
30	0	12	0	42	35	0
31	0	0	0	56	35	0
Mean	1	16	2	16	30	3
Max.	10	33	24	56	41	32
Min.	0	0	0	0	0	0
A.F.	50	990	100	980	1840	170
Water diverted			4130	A.F.		

ENTERPRISE CANAL
Summary in Acre-feet—1951

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	380	2710	1810	2040	3160	1550	11650
Spotted Tail, Wet.....	240	400	530	560	740	840	3310
Morrill Drain.....	80	80	170	160	220	310	1020
Stewart Drain.....	0	0	0	0	0	0	0
Tub Springs.....	50	990	100	980	1840	170	4130
Total diversion.....	750	4180	2610	3740	5960	2870	20110
Water diverted 20110 A.F.							
						Acreage reported D-920	7995

FORSILING-KINNEY CANAL from
Lodgepole Creek—Measured through
rating flume—Sec. 33-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	1	0	0	0
2	0	1	2	0	0
3	0	2	2	0	0
4	0	2	2	0	0
5	0	2	0	0	0
6	0	2	0	0	0
7	0	2	2	0	0
8	0	2	7	0	0
9	0	4	4	0	0
10	0	4	4	0	0
11	0	0	4	0	0
12	4	0	4	0	0
13	5	0	5	0	0
14	0	0	5	0	0
15	0	0	4	0	0
16	5	0	0	0	0
17	5	0	0	0	0
18	5	0	0	0	0
19	5	0	0	0	0
20	5	0	0	0	0
21	2	0	0	0	0
22	2	0	0	0	0
23	1	0	0	0	0
24	2	0	0	0	0
25	2	0	0	0	0
26	0	0	0	0	0
27	1	0	0	0	0
28	1	0	0	0	0
29	1	0	0	0	0
30	1	2	0	0	0
31	1	1	0	0	0
Mean	2	1	1	0	0
Max.	5	4	7	0	0
Min.	0	0	0	0	0
A.F.	100	50	90	0	0
Water diverted 240 A.F.					
		Acreage reported D-348 A-718			182 64
Total					236

FORT LARAMIE CANAL from
North Platte River and Pathfinder
Reservoir—Measured through Par-
shall flume—Sec. 11-26-65 W., Wyo.

Day	May	June	July	Aug.	Sept.
1	0	749	687	1403	1505
2	0	685	723	1406	1508
3	0	698	749	1403	1415
4	0	695	828	1403	1292
5	0	694	960	1391	1301
6	0	692	1129	1319	1266
7	0	692	1301	1382	1194
8	0	692	1433	1452	1149
9	0	715	1495	1449	1149
10	367	741	1502	1477	1149
11	540	746	1502	1502	1118
12	540	780	1452	1502	1101
13	558	842	1400	1502	1095
14	673	856	1424	1498	1101
15	677	913	1452	1498	1109
16	587	1034	1449	1498	1160
17	487	1052	1452	1498	1200
18	486	1079	1477	1502	1197
19	512	1049	1502	1505	1160
20	535	1017	1502	1505	1101
21	503	1009	1498	1502	1084
22	546	925	1502	1505	1045
23	597	842	1502	1505	1017
24	597	804	1502	1505	910
25	618	758	1498	1505	801
26	642	667	1502	1505	474
27	648	668	1502	1505	111
28	647	668	1449	1505	0
29	692	658	1319	1505	0
30	744	606	1376	1508	0
31	775		1406	1508	0
Mean	418	804	1338	1473	990
Max.	775	1079	1502	1508	1508
Min.	0	606	687	1319	0
A.F.	25730	47850	82260	90550	58930
Water diverted 305320 A.F.					
		Acreage reported A-768 Neb. A-768 Wyo.			54827 50210
Total					105037.

DAILY DIVERSIONS OF CANALS—1951

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	1	82	110	84	118	93	80	134	137	129	99	137
2	1	85	100	56	143	92	80	146	135	132	136	131
3	1	92	36	79	147	51	90	133	142	148	126	147
4	0	102	56	77	147	68	90	115	140	140	122	152
5	0	79	69	55	144	87	123	106	136	84	117	164
6	0	86	42	50	142	85	115	102	134	108	115	155
7	0	102	63	45	132	70	111	46	137	110	115	149
8	0	92	129	40	126	47	106	73	147	133	96	143
9	0	53	144	60	145	40	106	76	142	104	84	158
10	0	35	176	75	130	30	88	77	134	91	85	139
11	0	87	119	69	141	80	120	75	120	121	79	147
12	8	102	117	73	152	60	104	65	133	136	78	152
13	12	110	107	75	135	110	106	68	130	111	78	165
14	11	108	95	69	116	105	113	94	123	122	79	145
15	12	104	102	70	143	100	98	144	132	136	72	134
16	14	82	79	104	139	110	94	104	108	127	84	148
17	13	105	88	111	134	120	101	118	115	143	78	114
18	13	110	89	117	137	80	99	84	123	145	84	95
19	12	117	96	110	159	55	93	82	134	143	86	111
20	12	83	71	100	157	70	108	121	134	137	38	120
21	65	113	67	70	145	100	108	83	138	137	93	111
22	65	131	80	80	155	135	134	114	141	141	90	135
23	65	63	81	95	143	103	124	62	139	133	94	146
24	65	66	73	97	143	66	118	92	149	121	92	143
25	65	89	70	105	153	96	108	97	142	102	108	107
26	65	89	90	110	150	122	106	123	134	93	147	127
27	69	94	28	62	135	114	136	113	143	94	118	92
28	81	112	71	62	134	110	142	91	142	128	140	73
29	82	122	73	116	...	113	136	94	124	129	146	95
30	79	118	75	154	...	100	127	85	136	145	128	108
31	70	...	87	155	...	90	...	114	...	124	140	...
Mean	28	94	87	85	141	87	109	98	135	124	101	131
Max.	82	131	176	154	159	135	136	146	150	148	147	165
Min.	0	35	28	40	116	30	80	48	108	84	38	73
A.F.	1750	5580	5360	5210	7820	5360	6470	6010	8020	7630	6240	7820
Water returned	73270 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	4	44	182	76
2	0	44	56	150	93
3	0	36	43	172	69
4	0	37	2	194	71
5	0	57	67	205	31
6	0	45	67	198	26
7	64	59	82	202	19
8	37	24	52	239	43
9	32	3	48	269	45
10	31	17	85	270	20
11	37	47	79	280	56
12	52	46	55	283	46
13	50	37	83	290	19
14	71	23	82	291	0
15	48	8	64	299	29
16	0	23	87	296	31
17	7	75	66	305	9
18	1	56	64	305	41
19	50	36	67	261	42
20	0	33	76	301	42
21	0	38	63	277	62
22	0	4	54	265	43
23	40	27	66	245	40
24	11	11	70	233	11
25	66	8	74	218	71
26	63	17	92	173	34
27	59	11	117	170	50
28	54	20	124	126	64
29	59	47	112	87	44
30	55	26	94	113	40
31	32	...	106	101	...
Mean	30	30	72	226	42
Max.	71	59	124	305	93
Min.	0	3	2	87	0
A.F.	1820	1810	4440	13680	2510
Water diverted	24460 A.F.				
Acreage reported	D-645a 1700				
	D-645b 820				
	A-3718 4584				
Total	22404				

GRAF CANAL from Blue Creek and
Crescent Lake—Measured through
Parshall flume—Sec. 19-16-42 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	14	0	0	12	3
2	0	12	0	0	12	2
3	0	2	0	0	17	2
4	0	0	0	0	20	0
5	0	0	0	0	25	0
6	0	0	0	0	25	0
7	0	0	0	0	24	0
8	0	0	0	0	25	0
9	0	0	0	0	13	25
10	0	0	1	14	27	3
11	0	0	1	14	27	2
12	0	0	0	18	25	2
13	0	0	0	19	26	2
14	0	0	2	18	27	2
15	0	0	3	17	25	2
16	0	0	2	15	26	2
17	0	0	2	14	25	2
18	0	0	2	16	23	0
19	0	0	1	15	23	0
20	0	0	0	16	20	0
21	0	0	0	3	22	0
22	0	0	0	0	21	0
23	0	0	0	0	22	0
24	0	0	0	6	19	2
25	0	0	0	0	0	5
26	0	0	0	10	3	5
27	6	0	0	13	4	7
28	16	0	0	8	3	6
29	12	5	0	14	3	7
30	14	8	0	12	4	5
31	...	...	...	12	5	5
Mean	2	1	0	9	18	7
Max.	16	14	3	19	27	7
Min.	0	0	0	0	0	0
A.F.	100	80	30	560	1120	120
Water diverted	2010 A.F.					
Acreage reported	D-763R 15					
	D-781R 15					
	D-788 1989					
Total	2089					

DAILY DIVERSIONS OF CANALS—1951

HAIGLER CANAL from Republican River
Measured through section of canal—
Sec. 2-1-43 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	17	55	0	0	26	46	42	
2	17	53	0	0	28	42	42	
3	16	37	0	0	24	25	41	
4	23	36	0	0	28	37	41	
5	23	27	0	0	30	38	0	
6	23	25	0	24	32	46	0	
7	23	19	32	26	36	49	0	
8	23	0	38	32	37	42	0	
9	23	0	39	28	36	44	0	
10	23	0	36	10	36	41	0	
11	32	0	36	11	15	0	0	
12	33	0	36	22	14	0	0	
13	40	0	38	26	17	0	0	
14	41	0	37	24	20	0	0	
15	41	0	0	22	20	0	0	
16	41	0	0	22	20	0	0	
17	50	0	0	22	22	0	0	
18	52	0	0	12	24	0	11	
19	52	0	0	18	22	0	12	
20	52	0	0	17	22	20	13	
21	52	0	0	16	22	24	14	
22	52	0	0	18	17	27	12	
23	35	0	0	20	24	26	11	
24	34	0	0	18	30	26	14	
25	48	0	0	20	32	38	20	
26	49	0	0	20	49	36	18	
27	50	0	0	20	53	35	15	
28	47	0	0	24	50	48	15	
29	52	0	0	26	49	45	16	
30	59	0	0	28	49	42	18	
31	56	0	0	49	42	0	0	
Mean	38	8	9	18	30	28	12	
Max.	59	55	39	32	53	49	42	
Min.	16	0	0	0	14	0	0	
A.F.	2340	500	580	1040	1850	1630	710	
Water diverted					Acreage reported			
8650 A.F.					D-1025 Neb. 2018			
					D-1025 Colo. 1050			
					Total 3068			

HOOPER CANAL from Blue Creek
and Crescent Lake—Measured through
rating flume—Sec. 8-16-42 W.

Day	Apr.	May	June	July	Aug.	Sept.	
1	0	15	7	0	11	6	
2	0	12	5	0	10	5	
3	0	10	3	0	11	2	
4	0	10	6	0	12	0	
5	0	11	7	9	14	0	
6	0	11	9	13	14	0	
7	0	15	12	14	14	0	
8	0	18	7	15	14	0	
9	0	18	8	15	14	0	
10	0	15	8	16	14	0	
11	0	16	6	17	16	0	
12	0	17	7	21	15	0	
13	0	21	4	12	14	0	
14	0	17	2	10	15	0	
15	0	13	2	13	15	0	
16	0	11	2	16	14	0	
17	0	18	3	15	14	0	
18	0	15	4	18	13	0	
19	0	12	2	15	12	0	
20	0	8	2	16	12	0	
21	0	7	3	18	13	0	
22	0	2	2	11	13	0	
23	0	4	0	10	14	0	
24	0	5	0	12	8	0	
25	0	3	0	11	10	0	
26	0	2	0	10	7	0	
27	7	2	0	9	9	5	
28	11	9	0	11	13	9	
29	14	13	0	2	13	8	
30	12	11	0	4	13	13	
31	11	11	9	14	13	2	
Mean	1	11	4	11	13	10	
Max.	14	21	12	21	16	13	
Min.	0	2	0	0	7	0	
A.F.	90	700	220	680	780	100	
Water diverted					Acreage reported		
2570 A.F.					D-781 858		
					D-788R 19		
					Total 877		

HURLY-LILLY-POLLY CANAL
from Lodgepole Creek—Measured
through rating flume—
Sec. 26-15-56 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	0	5	0	
2	0	0	0	5	0	
3	0	0	0	5	0	
4	0	0	0	5	0	
5	0	0	0	5	0	
6	0	0	0	5	0	
7	8	0	0	5	0	
8	6	0	1	5	0	
9	5	0	2	4	0	
10	5	0	2	4	0	
11	5	0	3	4	0	
12	10	0	4	3	0	
13	7	0	4	4	0	
14	6	0	4	4	0	
15	6	0	5	4	0	
16	9	0	5	5	0	
17	7	0	5	5	0	
18	6	0	6	4	0	
19	6	0	6	5	0	
20	5	0	5	5	5	
21	4	0	4	5	6	
22	4	0	5	5	6	
23	4	0	4	5	6	
24	6	0	4	5	6	
25	6	0	4	6	6	
26	0	0	4	5	6	
27	0	0	4	3	6	
28	0	0	5	1	6	
29	0	0	5	0	6	
30	0	0	5	0	6	
31	0	0	4	0	6	
Mean	4	0	4	4	2	
Max.	10	0	6	6	6	
Min.	0	0	0	0	0	
A.F.	220	0	200	250	130	
Water diverted					Acreage reported	
800 A.F.					D-354 180	

DAILY DIVERSIONS OF CANALS—1951

 INTERSTATE CANAL from North Platte
 River and Pathfinder Reservoir—Measured
 through rating flume—Sec. 7-26-64 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	1016	0	947	1216	886	2074	2047
2	1019	165	989	1121	947	2107	1972
3	1004	506	1010	1036	945	2100	1893
4	1007	710	1115	1070	950	2103	1729
5	1016	815	1121	1060	953	2113	1543
6	779	854	1121	1057	1150	2110	1540
7	407	862	1118	1054	1389	2110	1470
8	0	873	1022	1054	1503	2107	1422
9	0	878	1028	1054	1680	2113	1422
10	0	881	1022	1054	1906	2110	1425
11	0	884	1019	1054	1939	2107	1425
12	0	892	1019	1054	1896	2110	1376
13	0	886	1060	1054	1795	2107	1362
14	0	886	1186	1144	1798	2110	1264
15	0	992	1235	1327	1805	2110	1258
16	0	992	1235	1533	1805	2113	1258
17	0	1007	1232	1626	1815	2110	1245
18	0	1080	1173	1782	1867	2110	1190
19	0	1092	1124	1821	1979	2110	1144
20	0	1096	1121	1815	2080	2100	1147
21	0	1083	1121	1802	2100	2097	1153
22	0	1070	1124	1765	2097	2103	1150
23	0	1054	1128	1601	2100	2100	1150
24	0	1064	1131	1409	2100	2097	1150
25	0	1013	1131	1041	2100	2083	1112
26	0	986	1131	843	2107	2080	1048
27	0	936	1131	846	2107	2080	1032
28	0	919	1134	846	2100	2077	1044
29	0	930	1150	846	2031	2080	958
30	0	942	1196	846	2034	2077	592
31	0	0	1245	.....	2041	2050	.....
Mean	202	878	1114	1228	1742	2099	1317
Max.	1019	1096	1245	1821	2107	2113	2047
Min.	0	0	947	843	886	2050	592
A.F.	12390	52260	68470	73060	107100	129040	78370
Water diverted	520690	A.F.	.....	.....	.....	.....	.....
					Acreage reported		
					A-768 Neb.	111440	
					A-768 Wyo.	16100	
					Total	127540	

 KEARNEY CANAL from Platte River
 Measured through section of canal—Sec. 33-9-17 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	305	320	246	120	170	283	0	0	0	232	207	250
2	250	325	125	100	230	288	0	0	0	224	181	242
3	305	309	60	70	270	130	0	0	0	224	202	201
4	306	312	70	40	321	20	0	0	0	208	191	265
5	289	301	60	100	340	10	0	0	0	181	186	294
6	272	277	60	90	368	150	0	0	0	209	196	283
7	240	292	60	100	355	130	0	0	0	214	218	285
8	240	318	100	170	336	80	0	0	0	217	205	277
9	209	280	170	180	364	60	0	0	0	206	171	271
10	267	110	200	160	358	50	0	0	0	219	141	260
11	287	148	250	150	282	70	0	0	0	226	135	268
12	302	258	280	150	180	50	0	0	0	260	139	260
13	236	296	270	130	40	50	0	0	0	275	112	251
14	322	310	241	130	40	50	0	0	0	270	126	251
15	312	313	250	180	50	60	0	0	0	266	145	253
16	256	308	256	180	70	60	0	0	34	260	95	244
17	256	310	261	180	130	50	0	0	49	264	85	233
18	313	308	90	157	170	70	0	0	48	235	134	242
19	302	230	60	157	170	26	0	0	47	260	179	246
20	325	70	70	80	160	65	0	0	46	257	151	242
21	331	220	150	110	180	57	0	0	45	255	227	249
22	332	160	160	150	210	10	0	0	159	270	250	270
23	314	50	140	169	240	0	0	0	229	255	252	264
24	314	60	120	189	274	0	0	0	198	252	262	264
25	312	60	120	170	293	0	0	0	204	242	190	283
26	309	140	50	160	224	0	0	0	45	238	181	283
27	307	200	40	130	286	0	0	0	162	238	191	279
28	292	107	60	140	286	0	0	0	238	234	239	276
29	273	30	130	130	.....	0	0	0	260	224	236	275
30	267	229	100	90	.....	0	0	0	253	220	250	280
31	309	.....	110	110	.....	0	0	0	.....	230	250	.....
Mean	289	221	141	135	228	59	0	0	67	239	185	261
Max.	332	325	280	189	368	288	0	0	260	275	262	294
Min.	209	30	40	40	40	0	0	0	0	181	85	201
A.F.	17760	13150	8650	8280	12690	3610	0	0	3980	14670	11360	15560
Water diverted	109710	A.F.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
										Acreage reported		
										D-1023	4207	
										D-1023	Power	
										A-1577	Power	

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	267	270	264	110	160	234	0	0	0	198	167	237
2	238	284	185	86	210	234	0	0	0	188	150	242
3	267	281	56	107	240	150	0	0	0	182	152	210
4	264	276	65	94	260	8	0	0	0	181	135	266
5	270	273	77	114	274	0	0	0	0	145	132	290
6	240	250	49	58	313	117	0	0	0	180	115	262
7	240	254	77	87	350	167	0	0	0	180	182	276
8	240	268	98	149	320	91	0	0	0	175	135	268
9	218	268	154	115	340	25	0	0	0	146	157	272
10	215	117	177	146	320	22	0	0	0	163	83	236
11	235	126	195	91	280	54	0	0	0	194	101	249
12	257	238	258	129	250	72	0	0	0	218	107	250
13	167	279	224	135	184	31	0	0	0	240	65	274
14	241	284	203	115	91	24	0	0	0	201	89	246
15	245	290	261	201	38	21	0	0	0	236	100	255
16	186	270	250	205	63	87	0	0	0	222	103	242
17	179	270	326	159	110	35	0	0	73	225	37	226
18	202	270	131	139	159	66	0	0	56	228	76	237
19	207	270	100	188	161	58	0	0	52	220	149	237
20	213	146	80	35	147	68	0	0	51	220	84	226
21	221	242	120	90	199	42	0	0	44	225	196	231
22	232	284	120	111	185	0	0	0	146	236	210	255
23	280	90	120	124	216	0	0	0	210	218	236	249
24	280	90	120	175	224	0	0	0	181	213	255	250
25	294	90	120	147	250	0	0	0	224	208	209	268
26	268	90	61	140	249	0	0	0	199	194	178	278
27	270	90	24	130	246	0	0	0	91	184	194	272
28	264	90	45	130	244	0	0	0	188	187	218	268
29	244	14	119	60	-----	0	0	0	222	185	237	274
30	215	196	82	90	-----	0	0	0	216	181	231	274
31	249	-----	72	100	-----	0	0	0	-----	187	240	-----
Mean	239	209	137	121	217	52	0	0	65	199	153	254
Max.	294	290	326	205	350	234	0	0	224	240	255	290
Min.	167	14	24	35	38	0	0	0	0	145	37	228
A.F.	14690	12420	8400	7440	12070	3190	0	0	3870	12220	9390	15110
Water returned	98800	A.F.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

KEITH-LINCOLN COUNTY CANAL
from North Platte River—Measured
through rating flume—
Sec. 18-14-36 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	1	36	35	58	54
2	0	36	29	38	66	60
3	0	58	17	37	62	60
4	0	59	14	37	59	56
5	0	67	13	38	57	43
6	0	68	14	36	70	44
7	0	62	14	37	70	44
8	0	54	33	39	70	26
9	0	54	18	39	69	34
10	0	55	15	42	65	28
11	0	64	11	43	65	28
12	0	89	12	38	65	45
13	0	84	2	27	63	30
14	0	80	2	27	68	21
15	0	65	2	26	67	29
16	0	39	2	36	60	26
17	0	52	9	49	63	26
18	0	54	13	52	65	27
19	0	47	15	35	64	32
20	60	64	14	56	65	41
21	42	55	16	72	68	46
22	51	14	20	72	70	39
23	50	36	22	69	64	41
24	53	64	20	68	60	38
25	52	65	19	65	50	38
26	57	62	18	65	50	36
27	43	57	18	69	52	35
28	18	57	33	46	58	38
29	17	45	42	30	58	34
30	14	16	39	66	53	30
31	-----	18	-----	86	52	-----
Mean	15	53	18	48	62	38
Max.	60	89	42	72	70	60
Min.	0	1	2	26	50	21
A.F.	910	3260	1060	2930	3820	2240
Water diverted	14220	A.F.	-----	-----	reported	-----
-----	-----	-----	Acreage	D-722	-----	6081

KIMBALL CANAL from Lodgepole
Creek and Oliver Reservoir
Measured through section of canal
Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	22	22
2	0	0	0	27	24
3	0	0	0	27	21
4	0	0	0	22	26
5	0	0	0	24	30
6	0	0	0	25	27
7	0	0	0	30	29
8	0	0	0	31	15
9	0	0	0	41	15
10	0	0	0	43	15
11	0	0	0	44	16
12	0	0	0	45	17
13	0	0	0	45	27
14	0	0	0	45	26
15	0	0	0	46	26
16	0	0	0	32	25
17	0	0	0	32	23
18	0	0	0	31	23
19	0	0	0	33	24
20	0	0	0	33	28
21	0	0	0	32	30
22	0	0	0	46	30
23	0	0	0	36	30
24	0	0	0	36	23
25	0	0	0	28	11
26	0	0	0	28	11
27	0	0	0	29	16
28	0	0	0	29	18
29	0	0	0	30	25
30	0	0	0	29	26
31	0	0	0	32	21
Mean	0	0	0	32	23
Max.	0	0	0	46	30
Min.	0	0	0	0	11
A.F.	0	0	0	1980	1390
Water diverted	4890	A.F.	-----	-----	reported
-----	-----	-----	Acreage	A-897	4500

DAILY DIVERSIONS OF CANALS—1951

LAST CHANCE CANAL from
Pumpkinseed Creek—Measured
through rating flume—
Sec. 27-19-50 W.

Day	May	June	July	Aug.	Sept.
1	0	6	0	7	11
2	0	7	0	6	0
3	0	7	0	4	0
4	0	7	0	2	0
5	0	7	0	2	0
6	0	8	0	2	0
7	11	9	0	1	0
8	11	11	8	2	0
9	11	11	8	1	0
10	11	16	9	1	0
11	13	9	9	1	0
12	14	9	9	1	0
13	14	12	10	1	0
14	14	8	11	2	0
15	13	8	11	3	0
16	13	8	12	3	0
17	15	10	12	6	0
18	14	16	12	9	0
19	13	10	12	9	0
20	8	8	12	9	0
21	4	8	12	9	0
22	4	8	9	9	0
23	0	22	0	10	0
24	0	0	11	10	0
25	0	0	3	10	0
26	0	0	6	10	0
27	0	0	7	10	0
28	0	0	6	9	0
29	0	0	6	9	0
30	1	0	7	10	0
31	4	...	7	10	...
Mean	6	...	6	6	0
Max.	15	22	12	11	11
Min.	0	0	0	1	0
A.F.	380	460	390	360	20
Water diverted	1610 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	18	0	24	0	2	10	25
2	16	0	22	0	4	27	19
3	7	0	18	0	4	24	9
4	0	0	19	0	8	16	7
5	0	0	29	12	14	17	5
6	0	0	30	24	16	29	0
7	0	0	31	17	16	34	0
8	0	0	33	17	14	28	0
9	0	10	31	7	21	22	0
10	0	10	30	0	11	18	5
11	0	6	28	0	5	19	13
12	0	7	19	13	3	18	12
13	0	10	19	23	6	16	12
14	0	5	18	12	4	22	10
15	0	6	21	11	4	21	9
16	0	7	35	3	7	18	7
17	0	8	26	5	11	22	3
18	0	9	24	11	20	25	0
19	0	10	34	27	16	25	0
20	0	11	17	33	12	25	0
21	0	12	0	20	8	24	12
22	0	13	0	2	4	23	10
23	0	15	0	2	4	24	4
24	0	16	0	18	7	29	2
25	0	19	0	14	8	25	4
26	0	23	0	24	7	22	7
27	0	24	0	20	15	24	7
28	0	21	0	0	4	25	7
29	0	21	4	2	4	23	5
30	0	24	22	0	9	18	5
31	0	10	17	11	9	21	7
Mean	18	24	35	33	21	34	25
Max.	18	24	35	33	21	34	25
Min.	0	0	0	0	0	10	0
A.T.	80	570	1060	630	530	1380	390
Water diverted	4640 A.F.			Acreage reported			
				D-856		1392	
				D-787R		1259	
				D-796		300	
				A-243R		635	
				A-991		216	
Total						3802	

LYONS CANAL from North Platte
River—Measured through Parshall
flume—Sec. 29-17-44 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	10	12
2	0	0	0	15	36
3	0	0	0	14	33
4	0	0	0	15	14
5	0	0	0	8	14
6	0	0	0	18	14
7	0	15	3	19	12
8	0	17	1	18	14
9	0	6	0	10	12
10	0	7	3	10	10
11	0	12	2	14	0
12	0	15	1	10	5
13	0	12	1	9	3
14	0	8	1	12	7
15	0	9	2	15	6
16	0	3	2	14	6
17	0	3	2	14	6
18	0	5	2	14	5
19	0	5	2	15	4
20	0	22	1	15	3
21	0	16	2	14	3
22	0	16	1	11	6
23	0	17	1	11	9
24	0	17	0	13	10
25	0	4	0	16	11
26	0	1	0	14	11
27	0	1	0	14	11
28	0	1	0	10	11
29	0	1	0	8	12
30	0	1	0	9	10
31	0	...	0	12	...
Mean	0	7	1	13	10
Max.	0	22	3	19	36
Min.	0	0	0	8	0
A.F.	0	420	50	800	610
Water diverted	1880 A.F.		Acreage reported		
		D-803		966	

McINTOSH CANAL from Lodgepole
Creek—Measured through rating
flume—Sec. 23-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	7	2	3
2	0	0	0	2	3
3	0	0	0	2	3
4	0	0	0	2	3
5	0	0	0	3	3
6	0	0	0	4	3
7	0	0	0	4	2
8	0	0	0	4	2
9	0	0	0	1	2
10	0	0	0	7	2
11	0	0	0	7	3
12	0	0	0	7	3
13	0	0	0	5	3
14	0	0	0	3	3
15	0	0	0	3	2
16	0	0	0	3	2
17	0	4	0	3	2
18	0	4	0	3	3
19	0	3	0	3	3
20	0	4	0	4	3
21	0	10	0	5	3
22	0	11	0	5	3
23	0	7	0	4	4
24	0	7	0	5	4
25	0	7	0	4	4
26	0	7	0	4	4
27	0	7	0	5	4
28	0	7	0	3	4
29	0	7	0	3	4
30	0	7	3	3	4
31	0	...	2	3	...
Mean	0	3	0	4	3
Max.	0	11	7	7	4
Min.	0	0	0	1	2
A.F.	0	190	20	230	180
Water diverted	620 A.F.		Acreage reported		
		D-351		176	
		A-734		122	
Total				298	

DAILY DIVERSIONS OF CANALS—1951

MALTESE CROSS CANAL from Lodgepole Creek—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	0	0	0	0	0
Min.	0	0	0	0	0
A.F.	0	0	0	0	0

MEREDITH-AMMER CANAL From Pumpkinseed Creek—Measured through rating flume—Sec. 23-19-50 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	2	2	2	0	2
2	0	2	2	2	0	1
3	0	2	2	2	0	1
4	0	2	2	2	0	1
5	9	2	2	2	0	0
6	10	2	2	2	0	0
7	10	1	2	2	7	0
8	9	2	3	3	8	0
9	9	2	3	3	6	0
10	8	2	4	7	6	0
11	8	3	4	9	5	0
12	8	2	4	7	6	0
13	8	2	4	9	6	0
14	8	2	4	11	6	0
15	7	2	3	8	5	0
16	6	2	3	7	7	0
17	5	2	3	8	5	0
18	5	3	4	8	5	0
19	5	3	3	7	4	0
20	4	3	3	10	4	0
21	4	3	3	11	4	0
22	3	3	3	10	4	0
23	3	3	2	9	4	0
24	3	3	3	9	3	0
25	2	3	3	9	3	0
26	2	3	3	8	3	0
27	2	3	3	7	4	0
28	2	3	3	7	5	0
29	2	3	3	7	5	0
30	1	3	3	3	4	0
31	2	2	3	3	4	0
Mean	5	2	2	6	5	0
Max.	10	4	4	11	8	2
Min.	0	1	0	0	3	0
A.F.	280	150	140	360	320	10
Water diverted						
1260 A.F.						
Acreage reported						
D-876						435
*D-828						144

Total 579

*Belmont appropriation carried by Meredith-Ammer for lands west of Pumpkinseed Creek.

MEEKER CANAL from Republican River—Measured through rating flume—Sec. 15-3-31 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	20	5	25	13	25
2	0	22	4	26	17	32
3	0	23	8	25	45	23
4	0	23	5	26	39	11
5	0	24	2	27	37	14
6	0	24	2	27	37	24
7	0	25	16	24	42	17
8	0	36	30	18	40	8
9	0	52	22	11	43	3
10	0	46	24	12	54	6
11	0	38	23	27	50	11
12	0	34	15	27	40	14
13	0	32	15	24	33	17
14	0	34	8	22	31	16
15	0	23	8	20	24	14
16	0	29	5	18	20	15
17	1	29	6	20	18	15
18	6	33	21	42	15	22
19	10	31	15	20	13	24
20	11	32	8	13	13	23
21	11	29	4	8	15	21
22	11	29	16	21	27	19
23	12	26	12	26	35	18
24	12	27	14	17	33	19
25	12	26	18	14	28	19
26	16	20	19	13	27	18
27	15	12	19	12	29	18
28	17	8	22	13	27	19
29	18	7	25	15	24	18
30	16	5	24	16	22	19
31	6	6	15	26	11	19
Mean	6	26	14	20	30	17
Max.	18	52	30	42	54	32
Min.	0	5	2	8	13	3
A.F.	330	1600	830	1240	1820	1030
Water diverted						
6850 A.F.						
Acreage reported						
D-4, 7, 8, 9						2930

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	18	0	22	13	24	10
2	10	0	12	14	24	10
3	0	0	11	17	28	10
4	0	0	17	13	30	11
5	0	0	21	13	28	13
6	0	0	18	13	30	5
7	0	0	18	11	36	0
8	0	0	18	12	38	0
9	0	0	18	12	35	0
10	0	0	16	15	31	0
11	0	0	16	16	29	0
12	0	0	16	12	18	0
13	0	0	15	6	7	0
14	0	0	16	0	5	0
15	0	0	15	0	7	0
16	0	0	13	0	9	0
17	0	0	14	0	9	0
18	0	0	15	0	14	0
19	0	0	14	0	14	0
20	0	0	14	0	14	0
21	0	0	16	0	12	0
22	0	0	16	0	13	0
23	0	0	16	0	13	0
24	0	11	15	0	13	0
25	0	26	13	0	13	0
26	0	27	13	12	12	0
27	0	22	12	20	12	0
28	0	20	4	22	12	0
29	0	21	0	25	11	0
30	0	22	8	26	11	0
31	0	24	0	24	10	0
Mean	1	6	14	10	18	2
Max.	18	27	22	26	38	13
Min.	0	0	0	0	5	0
A.F.	60	340	860	590	1110	120
Water diverted						
3080 A.F.						
Acreage reported						
A-2293						3124
A-2678						82
A-3044R						30

Total 3236

DAILY DIVERSIONS OF CANALS—1951

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	20	0	40	17	20	19
2	19	0	25	20	24	16
3	8	0	20	29	28	16
4	0	0	16	23	32	17
5	0	0	10	16	34	19
6	0	0	10	9	36	8
7	0	0	11	8	44	0
8	0	0	18	7	43	0
9	0	0	16	6	30	0
10	0	0	12	10	38	0
11	0	0	12	9	46	0
12	0	0	14	5	18	0
13	0	0	17	3	11	0
14	0	0	26	0	10	0
15	0	0	26	0	14	0
16	0	0	18	0	11	0
17	0	0	16	0	11	0
18	0	0	20	0	16	0
19	0	0	14	0	18	0
20	0	0	13	0	21	0
21	0	0	12	0	16	0
22	0	0	22	0	16	0
23	0	0	24	0	16	0
24	0	0	26	0	16	0
25	0	0	20	18	15	0
26	0	0	22	27	15	0
27	0	0	22	26	14	0
28	0	16	24	26	14	0
29	0	30	23	23	13	0
30	0	29	24	25	13	0
31	0	33	22	22	14	0
Mean	2	4	19	11	22	3
Max.	20	33	40	29	46	19
Min.	0	0	10	0	10	0
A.F.	90	210	1140	650	1320	190
Water diverted						
3600 A.F.						
Acreage reported						
A-2293						2735
A-2678						189
A-4131						11
Total						2945

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	0	0	31	0	75	20
2	0	0	31	0	94	23
3	0	0	26	0	96	24
4	0	0	21	0	102	27
5	0	0	30	0	110	30
6	0	0	17	0	100	0
7	0	0	33	0	100	0
8	0	0	43	0	109	0
9	0	0	47	0	108	0
10	0	0	44	0	106	0
11	0	0	47	0	73	0
12	0	0	68	0	66	0
13	0	0	65	0	60	0
14	0	0	65	0	42	0
15	0	0	46	0	45	0
16	0	0	38	0	50	0
17	0	0	36	0	43	0
18	0	0	45	0	36	0
19	0	0	43	0	36	0
20	0	0	43	0	37	0
21	0	0	41	0	36	0
22	0	0	43	0	37	0
23	0	0	16	17	35	0
24	0	0	0	25	36	0
25	0	0	0	31	26	0
26	0	0	0	41	23	0
27	0	0	0	50	25	0
28	0	10	0	68	23	0
29	0	28	0	67	20	0
30	0	29	0	70	16	0
31	0	36	0	66	18	0
Mean	0	3	30	14	580	4
Max.	0	36	68	70	110	30
Min.	0	0	0	0	16	0
A.F.	0	200	1810	860	3540	250
Water diverted						
6660 A.F.						
Acreage reported						
A-2293						6652
A-2678						217
Total						6869

MIDDLE LOUP PUBLIC POWER
and IRRIGATION DISTRICT CANAL
NO. 4 From Middle Loup River
Measured through rating flume—
Sec. 31-18-16 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	28	0	56	0	61	24
2	20	0	50	0	55	20
3	16	0	40	0	68	23
4	16	0	30	0	83	25
5	15	0	28	0	88	13
6	15	0	32	0	86	9
7	5	0	44	0	88	0
8	0	0	56	0	105	0
9	0	0	52	0	99	0
10	0	0	50	0	97	0
11	0	0	44	0	80	0
12	0	0	51	0	72	0
13	0	0	48	0	45	0
14	0	0	50	0	36	0
15	0	0	49	0	43	0
16	0	0	43	0	42	0
17	0	0	36	0	42	0
18	0	0	38	0	41	0
19	0	0	40	0	41	0
20	0	0	45	0	52	0
21	0	0	43	0	50	0
22	0	0	46	0	44	0
23	0	0	32	22	43	0
24	0	0	27	47	43	0
25	0	0	17	52	30	0
26	0	0	27	60	25	0
27	0	0	23	51	22	0
28	0	19	25	51	19	0
29	0	42	23	49	18	0
30	0	43	11	66	18	0
31	0	50	59	59	19	0
Mean	4	5	39	15	53	4
Max.	28	50	56	66	105	25
Min.	0	0	11	0	18	0
A.F.	230	310	2290	910	3280	240

Water diverted	Acreage reported
7260 A.F.	A-2293 7102
	A-2678 190
	Total 7292

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1951

	Oct.	May	June	July	Aug.	Sept.	Total
Diversion:							
Canal No. 1	60	340	860	590	1110	120	3080
Canal No. 2	90	210	1140	650	1320	190	3600
Canal No. 3	0	200	1810	860	3540	250	6660
Canal No. 4	230	310	2290	910	3280	240	7260
Total diversion	380	1060	6100	3010	9250	800	20600

MIDLAND-OVERLAND CANAL
From North Platte River
Measured through Parshall flume—
Sec. 2-16-44 W.

Day	May	June	July	Aug.	Sept.
1	0	6	0	10	15
2	0	5	0	8	19
3	0	4	0	6	40
4	0	4	0	6	0
5	0	4	0	6	0
6	0	4	0	6	0
7	0	4	0	8	0
8	0	5	0	8	0
9	0	4	0	7	0
10	0	5	4	6	0
11	0	7	5	6	0
12	0	7	1	5	0
13	0	7	0	7	0
14	0	7	0	7	0
15	0	0	0	6	0
16	0	4	0	4	0
17	0	6	0	4	0
18	21	5	0	4	0
19	18	5	0	4	0
20	18	1	0	4	0
21	19	3	0	14	0
22	5	3	0	13	0
23	5	3	0	6	0
24	4	2	0	13	0
25	4	1	0	13	0
26	4	1	0	10	0
27	4	2	0	9	0
28	4	1	1	9	0
29	4	0	2	9	0
30	7	0	5	14	0
31	12	9	9	16	0
Mean	4	4	1	8	2
Max	21	7	9	16	40
Min.	0	0	0	4	0
A.F.	260	220	50	490	150
Water diverted	Acreage reported				
1170 A.F.	D-789 1003				
	D-791 912				
	O.D. A-1742				
	D-800 110				
	Total 2025				

MINATARE CANAL From North
Platte River—Measured through
rating flume—Sec. 32-22-54 W.

Day	May	June	July	Aug.	Sept.
1	0	0	8	68	50
2	0	0	8	66	49
3	0	0	8	84	39
4	9	0	0	86	38
5	35	31	0	80	34
6	27	36	1	75	27
7	32	30	4	75	23
8	34	32	8	73	22
9	35	34	25	72	20
10	36	35	40	73	9
11	38	26	41	72	6
12	48	24	40	66	6
13	48	20	38	62	3
14	48	16	38	60	4
15	49	14	38	60	8
16	50	15	40	60	8
17	44	14	42	61	10
18	39	20	44	60	14
19	33	17	46	60	16
20	32	10	54	60	16
21	31	10	67	60	16
22	32	9	65	62	18
23	36	10	59	65	16
24	35	11	56	66	15
25	36	22	60	68	14
26	42	9	63	64	14
27	40	8	71	60	14
28	54	6	78	55	18
29	66	7	78	51	21
30	63	8	73	48	10
31	22	71	48	0	0
Mean	35	16	41	65	19
Max.	66	36	78	86	50
Min.	0	0	0	48	3
A.F.	2170	940	2510	4000	1110
Water diverted	Acreage reported				
10730 A.F.	D-919 7689				
	O.D. Petition				
	245 109				
	O.D. Petition				
	265 183				
	Total 7981				

DAILY DIVERSIONS OF CANALS—1951

MIRAGE FLATS CANAL from Niobrara River and Box Butte Reservoir—Measured through Parshall flume—Sec. 26-29-48 W.

Day	May	June	July	Aug.	Sept.
1	0	51	0	0	15
2	0	51	0	0	126
3	0	47	0	0	0
4	0	30	0	0	0
5	0	8	5	24	0
6	0	15	21	79	0
7	0	17	23	101	0
8	0	22	31	126	0
8	0	20	66	142	0
10	0	19	75	154	0
11	0	20	99	132	0
12	11	20	81	125	0
13	49	19	81	124	0
14	49	19	80	116	0
15	49	21	78	99	0
16	49	34	72	98	0
17	49	37	74	98	5
18	49	37	74	98	22
19	49	37	84	98	40
20	49	36	94	123	64
21	49	34	134	124	80
22	30	26	143	153	81
23	26	18	140	153	81
24	35	0	140	152	74
25	36	0	149	152	71
26	36	0	172	152	71
27	36	0	176	152	70
28	36	0	22	152	63
29	34	0	0	153	61
30	44	0	0	153	58
31	52	---	0	125	---
Mean	26	21	68	108	33
Max.	52	51	176	154	126
Min.	0	0	0	0	0
A.F.	1620	1260	4190	6660	1950
Water diverted	15680	A.F.	Acreage reported	9320	2290
			A-2683		
			A-3729		
Total					11610

NINE MILE CANAL From North Platte River—Measured through rating flume—Sec. 17-21-53 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	17	31	29	73	79
2	0	9	16	29	70	74
3	0	49	17	32	77	76
4	0	41	35	28	74	44
5	0	40	79	19	68	23
6	0	40	70	13	72	17
7	0	40	58	36	69	17
8	0	44	57	71	55	17
9	0	54	64	59	62	12
10	0	55	76	53	77	11
11	0	37	65	55	73	10
12	0	41	67	76	74	10
13	0	45	57	68	76	8
14	0	58	56	65	73	7
15	0	78	47	59	71	12
16	0	78	38	68	72	26
17	0	75	37	77	70	31
18	0	48	41	75	68	22
19	23	42	44	73	68	18
20	41	41	31	49	70	16
21	37	41	32	44	70	12
22	37	33	43	60	76	16
23	37	41	55	74	77	26
24	37	52	48	85	79	28
25	38	50	34	82	83	24
26	38	50	15	82	83	24
27	38	49	19	71	75	23
28	38	46	29	79	66	23
29	38	41	28	111	70	22
30	37	43	28	80	76	38
31	---	19	---	67	73	---
Mean	15	45	44	60	72	26
Max.	41	78	79	111	83	79
Min.	0	9	15	13	55	7
A.F.	870	2770	2610	3710	4440	1520
Water diverted	15920	A.F.	Acreage reported	5731		
			D-925			
			O.D. Pettition			
			262			80
Total						5811

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	145	195	150
2	0	150	147	194	150
3	0	150	144	194	150
4	0	150	141	194	0
5	0	150	144	194	0
6	0	150	150	195	0
7	0	150	150	195	0
8	0	153	150	195	0
9	0	154	150	197	0
10	0	157	150	195	0
11	0	156	194	197	0
12	77	156	194	195	0
13	81	156	194	195	0
14	87	154	194	195	0
15	85	150	194	195	0
16	97	151	194	187	0
17	75	157	194	191	75
18	78	151	194	192	82
19	78	150	194	191	93
20	77	151	194	166	76
21	77	150	194	152	75
22	78	152	194	146	75
23	78	154	194	146	75
24	79	151	194	149	75
25	78	150	194	151	75
26	75	143	194	152	75
27	75	150	196	150	75
28	75	150	195	151	28
29	150	150	194	152	0
30	150	147	195	152	0
31	151	---	195	152	---
Mean	58	151	179	178	44
Max.	151	157	196	197	150
Min.	0	143	141	146	0
A.F.	3570	9010	11010	10920	2640
Water diverted	37150	Acreage reported	D-1052	13601	

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	12	0	25	27	76	0
2	0	0	22	28	80	0
3	0	0	22	17	84	0
4	0	0	23	27	88	0
5	0	0	29	28	92	0
6	0	0	24	22	98	0
7	0	22	28	22	108	0
8	0	28	27	22	115	0
9	0	22	28	22	112	0
10	0	22	32	18	77	0
11	0	22	30	18	0	0
12	0	23	29	19	15	0
13	0	20	30	16	0	0
14	0	22	12	15	0	0
15	0	7	0	16	0	0
16	0	0	0	18	0	0
17	0	0	0	22	0	0
18	0	0	18	12	0	0
19	0	0	34	2	7	0
20	0	0	37	16	12	0
21	0	14	31	8	6	0
22	0	21	28	0	0	0
23	0	20	31	4	0	0
24	0	25	29	20	0	0
25	0	26	27	21	0	0
26	0	24	19	25	0	0
27	0	24	29	27	0	0
28	0	24	27	32	0	0
29	0	30	27	36	0	0
30	0	31	27	43	0	0
31	0	29	---	60	0	---
Mean	1	15	24	21	31	0
Max.	12	33	37	60	115	0
Min.	0	0	0	0	0	0
A.F.	20	900	1440	1320	1920	0
Water diverted	5600	A.F.	Acreage reported	6802		
			A-2312			
			A-3672			58
Total						6860

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	19	0	40	36	88	0
2	0	0	38	38	103	0
3	1	0	40	28	130	0
4	14	0	38	38	144	0
5	22	0	46	38	141	0
6	22	0	55	38	153	0
7	20	0	52	38	173	0
8	15	0	59	38	179	0
9	21	0	50	40	178	0
10	14	0	52	45	158	0
11	19	0	58	46	77	0
12	14	0	60	39	88	0
13	13	0	52	30	0	0
14	12	0	62	38	0	0
15	10	0	7	32	39	0
16	10	0	0	36	44	0
17	12	28	0	40	34	0
18	12	36	23	48	25	0
19	19	34	50	36	23	0
20	21	43	65	37	17	0
21	17	46	36	32	5	0
22	11	46	44	38	0	0
23	11	39	48	38	0	0
24	13	42	42	36	0	0
25	15	42	39	36	0	0
26	13	40	39	38	0	0
27	12	40	42	39	0	0
28	14	41	35	42	0	0
29	10	40	38	40	0	0
30	9	49	44	42	0	0
31	1	51	62	62	0	0
Mean	13	20	41	39	58	0
Max.	22	51	65	62	179	0
Min.	0	0	0	28	0	0
A.F.	830	1220	2470	2380	3570	0
Water diverted						
10470 A.F.						
			Acreage reported			
			A-2155		136	
			A-2312		14683	
			A-3839		6	
			A-3892		37	
			Total		14862	

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT—BURWELL-SUMTER CANAL From North Loup River—Measured through rating flume—Sec. 19-21-15 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	50	19	49	0
2	0	0	45	18	68	0
3	0	0	44	19	95	0
4	0	0	40	19	99	0
5	0	0	38	20	105	0
6	0	0	36	21	114	0
7	0	0	34	22	113	0
8	0	0	32	24	113	0
9	0	0	35	26	114	0
10	0	0	30	28	101	0
11	0	0	31	32	88	0
12	0	0	33	30	87	0
13	0	0	31	30	20	0
14	0	0	30	30	0	0
15	0	0	3	30	18	0
16	0	0	0	32	28	0
17	0	0	12	33	24	0
18	3	0	23	21	21	0
19	15	0	25	29	16	0
20	22	0	26	36	12	0
21	20	0	25	38	0	0
22	17	0	24	0	0	0
23	17	0	23	16	0	0
24	16	21	22	40	0	0
25	16	33	21	40	0	0
26	18	35	20	33	0	0
27	18	37	20	27	0	0
28	16	40	18	30	0	0
29	16	43	20	30	0	0
30	12	48	20	30	0	0
31	0	48	45	0	0	0
Mean	7	10	27	27	41	0
Max.	22	48	50	45	114	0
Min.	0	0	0	0	0	0
A.F.	430	600	1610	1680	2550	0
Water diverted						
6870 A.F.						
			Acreage reported			
			A-2312		7247	

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1951

Diversion:	Oct.	May	June	July	Aug.	Sept.	Total
Taylor-Ord	830	1220	2470	2380	3570	0	10470
Burwell-Sumter	430	600	1610	1680	2550	0	6870
Ord-North Loup	20	900	1440	1320	1920	0	5600
Total diversion	1280	2720	5520	5380	8040	0	22940

DAILY DIVERSIONS OF CANALS—1951

NORTH PLATTE CANAL From North Platte River
Measured through rating flume—Sec. 18-14-33 W.

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	36	105	0	42	4	39	80	166
2	39	86	0	31	4	41	76	142
3	36	62	0	41	4	41	69	160
4	30	62	0	74	2	41	69	88
5	31	60	0	49	2	39	93	82
6	31	65	0	41	2	41	126	67
7	33	69	0	50	4	41	97	58
8	42	49	0	65	5	39	199	42
9	52	6	0	82	5	36	160	42
10	52	0	2	84	4	38	175	50
11	82	0	2	84	2	36	230	50
12	110	0	2	110	2	34	197	50
13	114	0	2	97	1	26	197	49
14	106	0	2	7	0	26	156	52
15	106	0	2	5	0	26	156	65
16	105	0	2	4	0	26	179	65
17	106	0	2	4	0	25	164	64
18	108	0	2	2	0	23	160	64
19	106	0	2	1	5	28	217	73
20	106	0	2	1	5	34	206	64
21	108	0	2	0	11	38	186	62
22	108	0	2	1	15	41	192	67
23	110	0	2	1	31	46	193	60
24	110	0	2	2	34	46	234	78
25	108	0	2	4	34	46	179	76
26	108	0	0	5	34	47	169	74
27	108	0	0	5	31	60	203	76
28	101	0	96	5	31	74	190	73
29	105	0	74	5	36	71	197	57
30	105	0	54	4	38	65	206	55
31	106	—	—	5	—	74	190	—
Mean	84	19	9	29	12	42	166	72
Max.	114	105	96	110	38	74	234	166
Min.	30	0	0	0	0	23	69	42
A.F.	5160	1120	510	1810	690	2550	10220	4310
Water diverted	26370 A.F.					Acres reported		
						D-635	14048	

NORTHPORT CANAL From North
Platte River and Pathfinder Reser-
voir—Measured through section of
Tri-State Canal—Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	0	60	0	119	40
2	0	37	0	121	8
3	0	0	0	98	0
4	0	0	0	57	0
5	0	0	0	80	0
6	0	0	0	71	0
7	0	0	0	21	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	73	0	0
12	0	0	61	31	0
13	0	0	55	82	0
14	0	0	64	85	0
15	0	0	72	44	0
16	54	0	71	21	0
17	47	0	73	31	0
18	47	0	31	53	0
19	48	0	0	53	0
20	47	0	0	81	0
21	44	0	111	81	0
22	0	0	139	76	0
23	0	0	125	58	20
24	0	0	121	40	4
25	0	0	116	54	0
26	0	0	71	54	0
27	0	0	121	54	0
28	0	0	163	36	0
29	0	0	253	22	0
30	0	0	263	40	0
31	0	—	168	44	—
Mean	9	3	69	51	2
Max.	54	60	263	121	40
Min.	0	0	0	0	0
A.F.	570	190	4270	3150	140
Water diverted	8320 A.F.				

NORTHPORT CANAL From Drains
entering Tri-State Canal

Day	May	June	July	Aug.	Sept.
1	25	82	0	201	229
2	26	67	42	199	181
3	26	71	43	204	64
4	25	149	39	210	62
5	22	169	53	181	65
6	22	167	128	162	65
7	20	168	75	190	65
8	28	171	39	210	65
9	82	150	51	213	66
10	121	108	120	219	66
11	139	38	137	215	66
12	144	38	153	217	66
13	148	36	146	215	66
14	148	79	143	216	66
15	154	186	142	218	67
16	180	184	143	214	66
17	167	193	141	213	143
18	167	181	140	211	237
19	166	67	146	220	236
20	167	35	170	222	241
21	170	35	123	223	244
22	172	35	77	223	245
23	171	35	161	220	244
24	174	35	179	215	244
25	172	0	178	221	243
26	169	0	179	226	108
27	169	0	179	228	106
28	169	0	51	231	80
29	169	0	48	236	60
30	176	0	49	239	62
31	175	—	152	239	—
Mean	124	83	111	214	127
Max.	176	193	179	239	245
Min.	20	0	0	162	60
A.F.	7620	4920	6800	13190	7570
Water diverted	40100 A.F.				

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet—1951

	Section	May	June	July	Aug.	Sept.	Total
Diverted from:							
• North Platte River	10-23-58	570	190	4270	3150	140	8320
• Sheep Creek	17-23-57	3350	2000	3620	7450	2690	19110
• Akers Draw	12-23-57	680	750	740	990	1230	4390
• Tub Springs	27-23-55	2790	1280	750	2450	1020	8290
• Spotted Tail, Dry	9-23-56	0	0	0	0	0	0
• Spotted Tail, Wet	10-23-56	800	1050	1560	2260	2640	8310
• Moffatt Drain	25-22-53	0	0	0	0	0	0
• Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		8190	5270	10940	16300	7720	48420
							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	May	June	July	Aug.	Sept.
1	0	0	1	44	17
2	0	0	1	55	18
3	0	0	3	58	14
4	0	0	3	55	7
5	0	0	3	80	1
6	4	0	3	62	1
7	6	0	3	61	0
8	11	0	9	63	0
9	13	0	13	66	0
10	13	0	12	62	0
11	13	0	9	60	0
12	12	0	9	62	0
13	12	0	7	65	0
14	13	0	6	62	0
15	19	0	5	57	0
16	29	0	5	54	0
17	20	1	5	52	0
18	15	3	9	48	0
19	14	4	10	50	0
20	15	2	10	43	0
21	9	1	11	39	0
22	0	3	10	40	0
23	0	6	10	36	0
24	0	7	13	31	0
25	0	7	15	24	0
26	0	9	16	25	0
27	0	0	19	25	0
28	0	0	15	20	0
29	0	0	12	18	0
30	0	0	24	18	0
31	0	0	36	17	0
Mean	7	1	10	46	2
Max.	29	9	36	66	18
Min.	0	0	1	17	1
A.F.	440	90	610	2840	120
Water diverted	Acreage reported				
4100 A.F.	D-627 5950				

OSHKOSH CANAL From North
Platte River—Measured through
Parshall flume—Sec. 33-17-44 W.

Day	May	June	July	Aug.	Sept.
1	0	2	0	7	20
2	0	0	2	0	6
3	0	0	2	0	0
4	0	0	7	0	8
5	0	0	8	0	9
6	0	2	0	0	17
7	0	2	0	0	19
8	0	2	0	0	19
9	0	2	0	0	17
10	11	3	0	0	17
11	12	4	0	0	18
12	5	6	0	0	16
13	4	4	0	0	17
14	4	4	0	0	19
15	10	3	0	0	16
16	16	2	0	0	15
17	19	3	0	0	13
18	18	2	0	0	14
19	16	2	2	0	13
20	13	5	4	0	12
21	5	6	6	0	13
22	4	7	8	0	13
23	4	7	6	0	13
24	3	8	5	0	15
25	2	0	5	0	15
26	1	0	5	0	15
27	2	0	4	0	15
28	1	0	4	0	16
29	1	0	3	0	15
30	4	0	4	0	18
31	4	0	6	0	18
Mean	5	3	5	2	4
Max.	19	8	8	20	21
Min.	0	0	0	0	0
A.F.	310	190	120	880	250
Water diverted	Acreage reported				
1750 A.F.	D-797 1740				

OWASCO CANAL From Lodgepole
Creek—Measured through rating
flume—Sec. 29-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	0	1	1	14
2	0	0	1	1	3
3	0	0	1	1	3
4	0	0	1	1	3
5	0	0	1	2	2
6	0	0	4	1	2
7	0	0	5	2	1
8	0	0	4	2	1
9	0	0	4	5	0
10	0	0	4	5	0
11	0	0	8	5	2
12	0	2	4	5	2
13	0	0	5	5	0
14	0	0	5	3	1
15	0	11	4	4	1
16	0	5	4	3	2
17	0	6	3	4	2
18	0	7	4	6	2
19	0	7	3	7	2
20	0	7	3	8	2
21	0	7	1	8	2
22	0	7	2	8	2
23	0	6	1	7	2
24	0	0	1	8	2
25	0	1	0	11	2
26	0	1	2	9	2
27	0	1	1	8	2
28	0	1	1	8	2
29	0	2	1	10	2
30	0	1	1	9	2
31	0	1	1	11	2
Mean	0	2	3	5	2
Max.	0	11	8	11	14
Min.	0	0	0	1	0
A.F.	0	140	160	330	130
Water diverted					
760 A.F.					
Acreeage reported					
D-347R					83
A-725					689
Total					772

PAISLEY CANAL From Blue Creek
Measured through rating flume—
Sec. 6-16-42 W.

Day	May	June	July	Aug.	Sept.
1	18	13	0	0	0
2	19	14	0	0	0
3	19	12	0	8	0
4	18	10	0	9	0
5	18	9	0	9	0
6	18	9	0	16	0
7	18	8	11	17	0
8	18	0	17	17	0
9	18	0	18	17	0
10	18	0	20	15	0
11	18	0	19	16	0
12	13	0	15	17	0
13	0	0	20	17	0
14	0	0	19	11	0
15	9	0	18	9	0
16	15	0	18	11	0
17	15	9	14	9	0
18	15	0	5	10	0
19	15	0	18	12	0
20	6	0	17	12	0
21	0	0	12	11	0
22	0	0	9	10	0
23	0	0	11	7	0
24	0	0	8	0	0
25	0	0	8	0	0
26	0	0	8	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	5	0	0	0	13
30	9	0	0	0	12
31	12	0	0	0	0
Mean	10	3	9	8	1
Max.	19	14	20	17	13
Min.	0	0	0	0	0
A.F.	620	170	570	520	50
Water diverted					
1930 A.F.					
Acreeage reported					
D-800					815
A-515					95
A-1738					230
Total					1137

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	21	0	0	0	2	34	58
2	39	0	0	0	15	37	63
3	18	24	0	0	6	34	68
4	0	37	0	0	2	34	63
5	0	34	0	0	6	33	33
6	0	37	0	0	9	34	14
7	6	39	0	0	10	44	14
8	17	14	0	0	12	60	14
9	9	0	0	0	14	64	20
10	8	0	0	0	17	90	26
11	2	0	0	0	20	109	26
12	0	0	0	0	21	113	28
13	0	0	0	0	20	111	26
14	0	0	0	0	28	110	27
15	0	0	0	0	36	103	30
16	0	0	0	0	33	100	25
17	0	0	0	0	36	96	32
18	0	0	0	0	35	91	37
19	0	0	0	0	27	89	34
20	0	0	0	0	17	92	29
21	0	0	0	0	22	93	31
22	0	0	0	0	29	93	35
23	1	0	0	0	28	89	33
24	4	0	0	0	28	106	32
25	0	0	0	0	28	87	30
26	0	0	0	0	27	71	30
27	0	0	0	0	28	67	31
28	0	0	0	0	35	60	31
29	0	0	0	0	29	63	32
30	0	0	0	0	18	66	35
31	0	0	0	0	26	65	0
Mean	4	6	0	0	22	76	33
Max.	39	39	0	0	36	113	66
Min.	0	0	0	0	2	33	14
A.F.	250	370	0	0	1340	4660	1950
Water diverted							
8570 A.F.							
Acreeage reported							
D-653							7358

RAMSHORN CANAL From North
Platte River—Measured through
rating flume—Sec. 19-23-57 W.

Day	May	June	July	Aug.	Sept.
1	0	8	0	13	16
2	0	7	0	13	10
3	0	6	0	10	9
4	0	5	0	10	8
5	0	5	5	10	8
6	0	5	10	10	9
7	0	5	10	10	10
8	0	6	12	14	7
9	0	7	15	20	4
10	0	7	16	23	3
11	0	4	16	26	4
12	0	1	15	27	4
13	0	2	10	28	5
14	0	5	10	28	12
15	0	7	9	28	19
16	0	12	4	29	19
17	0	13	0	30	18
18	0	11	4	27	18
19	0	12	7	8	11
20	0	11	8	15	6
21	0	6	10	21	6
22	6	2	12	20	5
23	0	0	15	20	3
24	0	0	18	18	4
25	4	0	15	19	4
26	7	0	8	17	4
27	7	0	13	13	6
28	8	0	17	13	8
29	7	0	14	8	0
30	7	0	13	8	0
31	8	0	13	15	0
Mean	2	5	10	18	8
Max.	8	13	17	30	19
Min.	0	0	0	8	0
A.F.	120	290	590	1090	480
Water diverted					
2570 A.F.					
Acreeage reported					
D-945					1652
D-918R					185
Total					1837

DAILY DIVERSIONS OF CANALS—1951

RUTTNER CANAL (NEW) From Lodgepole Creek—Measured through rating flume—Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	3	3	2	3
2	0	3	4	3	4
3	0	3	4	3	4
4	0	3	4	3	4
5	0	3	3	3	4
6	0	3	3	3	4
7	0	3	4	3	4
8	0	3	4	3	5
9	0	3	4	3	5
10	0	2	4	3	5
11	0	0	4	3	5
12	0	0	5	3	5
13	0	0	5	3	5
14	0	0	5	3	5
15	0	0	4	3	3
16	0	0	4	3	3
17	0	0	4	3	3
18	0	0	4	3	4
19	0	0	3	3	4
20	0	0	3	3	4
21	0	0	3	3	5
22	0	0	3	3	5
23	0	0	4	3	0
24	0	0	3	3	0
25	0	0	2	0	0
26	2	0	3	0	6
27	3	0	3	0	6
28	3	0	2	0	6
29	3	0	3	0	6
30	3	3	3	2	6
31	3		2		
Mean	1	1	4	2	4
Max.	3	3	5	3	6
Min.	0	0	2	0	0
A.F.	30	60	220	150	240
Water diverted					
700 A.F.					
		Acreage	reported		
		D-350R	22		
		A-727	39		
		A-857	92		
		A-869	44		
Total					197

RUTTNER-KINNEY CANAL From Lodgepole Creek—Measured through rating flume—Sec. 31-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	1	0	0	0
2	0	1	0	0	0
3	0	2	0	0	0
4	0	3	0	8	0
5	0	3	0	8	0
6	0	3	0	1	0
7	0	3	0	1	0
8	0	3	0	1	0
9	0	0	0	1	0
10	0	0	0	1	0
11	0	0	0	1	0
12	0	0	0	1	0
13	0	0	0	1	0
14	0	0	0	1	0
15	0	0	0	1	0
16	0	0	0	1	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	3	0
21	4	0	10	3	0
22	4	0	6	3	0
23	4	0	6	3	0
24	3	0	0	3	0
25	3	0	0	8	0
26	6	0	0	4	0
27	1	0	4	1	0
28	1	0	0	0	0
29	2	0	0	0	0
30	1	0	0	0	0
31	1		0		
Mean	3	1	1	2	0
Max.	6	3	10	8	0
Min.	0	0	0	0	0
A.F.	60	40	50	120	0
Water diverted					
270 A.F.					
		Acreage	reported		
		D-345	135		
		D-350	51		
		A-718R	52		
Total					238

SHERIDAN-WILSON CANAL From Sarben Slough—Measured in section of slough—Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	8	9	9	9	9
2	8	9	9	10	9
3	8	9	9	10	9
4	8	9	9	10	9
5	8	9	9	10	9
6	8	9	9	9	9
7	7	10	9	9	9
8	7	10	9	9	9
9	7	11	9	8	9
10	7	11	9	8	9
11	7	11	9	8	9
12	7	11	9	8	9
13	9	11	9	8	9
14	11	11	9	8	9
15	13	11	9	8	9
16	13	11	9	8	9
17	14	11	9	8	8
18	14	11	8	8	8
19	13	11	8	8	8
20	12	11	8	8	8
21	11	11	8	8	8
22	11	11	8	8	8
23	10	11	8	8	8
24	9	11	8	8	8
25	8	10	8	9	8
26	8	10	8	9	8
27	8	9	8	9	8
28	8	9	9	9	8
29	8	9	9	9	8
30	8	9	9	9	8
31	8		9		
Mean	9	10	9	9	9
Max.	14	11	9	10	9
Min.	7	9	8	8	8
A.F.	570	610	530	530	510
Water diverted		2750	A.F.		

SHERIDAN-WILSON CANAL From North Platte River Measured through rating flume—Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	0	0	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	3	0
21	0	0	0	3	0
22	0	0	0	2	0
23	0	0	0	3	0
24	0	0	0	1	0
25	0	0	0	2	0
26	0	0	0	1	0
27	0	0	0	1	0
28	0	0	0	1	0
29	0	0	0	1	0
30	0	0	0	1	0
31	0		0		
Mean	0	0	0	1	0
Max.	0	0	0	3	0
Min.	0	0	0	0	0
A.F.	0	0	0	40	0
Water diverted	40	A.F.			

DAILY DIVERSIONS OF CANALS—1951

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet—1951

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	0	0	0	40	0	40
Sarben Slough.....	570	610	530	530	510	2750
Total diversion.....	570	610	530	570	510	2790
Water diverted 2790 A.F.					Acreage reported D-710	918

SHORT LINE CANAL From North
Platte River—Measured through
rating flume—Sec. 25-21-53 W.

Day	May	June	July	Aug.	Sept.	
1	0	22	0	18	13	
2	0	20	0	18	8	
3	0	24	0	16	16	
4	0	26	0	19	0	
5	0	34	0	20	0	
6	0	30	0	16	0	
7	0	29	0	15	0	
8	0	30	0	17	0	
9	0	31	4	13	0	
10	0	24	6	12	0	
11	0	12	5	15	0	
12	0	6	0	13	0	
13	0	7	1	12	0	
14	0	12	7	9	0	
15	0	12	12	8	0	
16	0	12	10	8	0	
17	0	12	9	14	0	
18	0	10	11	19	0	
19	0	15	10	18	0	
20	0	0	21	15	0	
21	0	0	29	12	0	
22	0	6	17	15	0	
23	0	6	17	17	0	
24	0	0	17	14	0	
25	0	0	10	14	0	
26	0	0	6	13	0	
27	0	0	15	12	0	
28	0	0	23	11	0	
29	32	0	22	11	0	
30	31	0	9	9	0	
31	24	...	13	9	...	
Mean	3	13	9	14	1	
Max.	32	31	29	20	16	
Min.	0	0	0	8	0	
A.F.	170	750	540	850	70	
Water diverted 2380 A.F.					Acreage reported D-946	2880

SIX MILE CANAL From Platte
River—Measured through Parshall
flume—Sec. 18-11-25 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	0	0	0	
2	0	0	0	0	0	
3	0	0	0	0	0	
4	0	0	0	0	0	
5	0	0	0	0	0	
6	0	0	0	0	0	
7	0	0	0	0	0	
8	0	0	0	0	0	
9	0	0	0	0	0	
10	0	0	24	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	2	
15	0	0	0	0	1	
16	0	0	0	0	5	
17	0	0	0	0	5	
18	0	0	0	0	5	
19	0	0	0	0	3	
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	1	1	
Max.	0	0	0	5	0	
Min.	0	0	0	0	0	
A.F.	0	0	0	40	0	
Water diverted 40 A.F.					Acreage reported D-680	1173

DAILY DIVERSIONS OF CANALS—1951

645

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	0	6
2	0	0	0	0	1
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	10	0
7	0	0	0	14	0
8	0	0	0	14	0
9	0	0	0	8	0
10	0	0	0	8	0
11	0	0	0	9	0
12	0	0	0	9	0
13	0	0	0	9	0
14	0	0	0	7	0
15	0	0	0	4	0
16	0	0	0	6	0
17	0	0	0	9	0
18	0	0	0	8	0
19	0	0	0	2	0
20	0	0	0	1	0
21	0	0	0	1	0
22	0	0	0	2	0
23	0	0	0	1	0
24	0	0	0	4	0
25	0	0	0	4	0
26	0	0	0	4	0
27	0	0	0	4	0
28	0	0	0	5	0
29	0	0	0	5	0
30	0	0	0	6	0
31	0	0	0	6	0
Mean	0	0	0	5	0
Max.	0	0	0	14	6
Min.	0	0	0	0	0
A.F.	0	0	0	320	10
Water diverted				Acreage reported	
330 A.F.				D-801	1035

SUBURBAN CANAL From North Platte River—Measured through rating flume—Sec. 8-14-32 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	20	31	0	4	3	41	74
2	22	29	0	4	3	60	72
3	20	29	0	4	3	83	73
4	20	29	0	3	3	83	74
5	19	28	0	4	3	62	63
6	18	27	0	3	3	61	46
7	17	25	0	5	4	61	43
8	17	12	0	16	4	78	48
9	16	2	0	8	3	90	38
10	16	0	0	6	4	96	29
11	23	0	0	5	2	99	22
12	33	0	0	6	2	103	29
13	44	0	0	4	2	104	30
14	50	0	0	4	2	104	28
15	52	0	0	3	2	100	29
16	54	0	6	3	2	98	28
17	54	0	15	4	2	97	27
18	54	0	15	4	4	91	27
19	54	0	15	3	4	88	29
20	55	0	15	3	4	88	34
21	56	0	15	7	3	88	43
22	56	0	15	6	4	88	45
23	57	0	31	4	6	87	41
24	57	0	23	3	16	94	40
25	55	0	10	2	16	88	41
26	52	0	5	2	16	60	41
27	47	0	4	2	16	59	41
28	42	0	4	2	28	64	38
29	40	0	3	2	33	84	40
30	41	0	4	2	19	83	45
31	36	0	4	4	17	78	...
Mean	39	7	6	4	8	81	42
Max.	57	31	31	16	33	104	74
Min.	16	0	0	2	2	41	22
A.F.	2370	420	360	250	460	5000	2500
Water diverted						Acreage reported	
11360 A.F.						D-662	7168

SUPERIOR CANAL From Republican River—Measured over weir—Sec. 8-1-9 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	19
2	0	0	0	0	25
3	0	0	0	0	25
4	0	0	0	0	23
5	0	0	0	32	13
6	0	0	0	31	13
7	0	0	0	27	25
8	0	0	0	27	18
9	0	0	0	27	20
10	0	0	0	33	21
11	0	0	0	27	0
12	0	0	0	24	0
13	0	0	0	34	0
14	0	0	0	26	0
15	0	0	0	24	0
16	0	0	0	24	0
17	0	0	0	27	0
18	0	0	0	27	0
19	0	0	0	33	0
20	0	0	0	27	0
21	0	0	0	33	0
22	0	0	0	30	0
23	0	0	0	30	0
24	0	0	0	31	0
25	0	0	0	30	0
26	0	0	0	34	0
27	0	0	0	23	0
28	0	0	0	23	0
29	0	0	0	30	0
30	0	0	0	30	0
31	0	0	0	30	0
Mean	0	0	0	25	7
Max.	0	0	0	34	25
Min.	0	0	0	0	0
A.F.	0	0	0	1540	400
Water diverted				Acreage reported	
1940 A.F.				A-4221	301

SUTHERLAND CANAL 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	1030	940	995	982	951	1270	1540	0	0	1200	1790	1806
2	1050	948	1010	982	935	1290	1540	0	0	1280	1780	1812
3	1040	942	1010	984	899	1290	1530	0	0	1270	1780	1815
4	1040	944	999	988	865	1290	1550	0	0	1310	1790	1809
5	1040	944	955	1040	834	1290	1580	0	0	1350	1750	1812
6	1110	940	951	1050	885	1280	1580	0	0	1340	1500	1809
7	1260	948	967	1050	897	1290	1560	0	0	1390	1270	1803
8	1400	957	955	1060	933	1290	1600	0	0	1500	1040	1794
9	1350	949	910	1050	894	1320	1620	0	38	1640	926	1779
10	1110	944	913	1060	888	1310	1640	0	210	1700	921	1797
11	854	949	919	1080	877	1330	1640	0	319	1700	917	1803
12	834	948	933	1090	879	1330	1640	0	288	1730	926	1773
13	841	958	953	1090	908	1310	1640	0	425	1730	976	1748
14	784	949	951	1090	899	1310	1620	0	537	1740	1180	1610
15	793	962	955	1110	904	1300	1620	0	554	1730	1390	1445
16	795	957	958	1220	928	1300	1550	0	550	1740	1540	1370
17	802	915	955	1250	1050	1290	1350	0	548	1755	1680	1370
18	811	990	964	1250	1130	1270	1070	0	552	1720	1700	1370
19	823	990	957	1260	1230	1280	868	0	554	1750	1710	1360
20	897	978	966	1270	1270	1300	688	0	534	1745	1700	1360
21	908	990	966	1280	1280	1300	600	0	543	1740	1700	1470
22	915	986	964	1280	1280	1310	460	0	585	1740	1690	1570
23	917	984	971	1240	1280	1330	371	0	686	1730	1700	1600
24	917	980	971	1260	1290	1500	333	0	768	1730	1720	1660
25	919	982	976	1260	1290	1540	264	0	867	1730	1730	1782
26	928	980	966	1270	1280	1550	154	0	919	1730	1780	1776
27	926	982	973	1270	1300	1550	45	0	966	1740	1780	1809
28	922	986	969	725	1240	1540	5	0	986	1740	1830	1818
29	930	986	975	847	-----	1540	0	0	1030	1740	1810	1821
30	935	986	976	899	-----	1520	0	0	1070	1758	1810	1776
31	937	-----	980	852	-----	1540	-----	-----	-----	1779	1790	-----
Mean	962	963	963	1102	1046	1360	1055	0	451	1628	1536	1678
Max.	1400	990	1010	1290	1300	1550	1640	0	1070	1779	1830	1821
Min.	784	915	910	725	834	1270	0	0	0	1200	917	1360
A.F.	59140	57310	59230	67770	58110	83620	62790	0	26830	100120	94420	99820
Water diverted	769160 A.F.											

SUTHERLAND CANAL 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	230	142	382	389	141	365	189	181	356	562	113	10
2	226	164	379	379	155	356	170	199	469	532	96	10
3	226	185	365	327	175	298	158	199	362	500	113	10
4	222	195	392	364	205	364	137	201	310	500	120	10
5	216	214	175	305	247	342	113	207	278	528	100	10
6	201	226	98	332	294	322	115	207	260	459	90	10
7	191	236	102	292	315	312	115	201	272	405	158	10
8	195	251	146	274	356	303	102	201	661	364	719	11
9	199	269	199	298	400	212	79	179	529	327	778	11
10	197	164	308	315	486	272	74	155	437	310	940	11
11	185	258	379	339	637	258	77	134	392	283	1176	11
12	185	289	445	327	550	232	80	117	394	256	1062	153
13	181	317	514	334	342	244	107	112	450	249	825	407
14	166	342	550	324	278	389	129	124	550	226	637	475
15	166	349	520	362	303	317	129	162	453	216	500	597
16	153	354	495	376	344	283	141	160	400	199	402	634
17	141	364	445	394	426	292	149	149	365	195	310	570
18	142	369	426	379	475	272	134	183	329	224	238	509
19	142	374	407	402	495	249	94	168	349	197	98	459
20	132	382	407	349	500	272	98	177	315	172	10	392
21	122	379	400	303	483	256	115	810	298	168	9	336
22	113	382	397	283	407	258	130	1066	415	220	9	303
23	113	372	392	374	397	258	172	852	509	205	10	260
24	107	256	392	312	394	258	173	588	576	185	10	247
25	107	303	392	400	394	258	157	472	745	168	10	244
26	107	448	384	418	382	258	142	394	716	141	10	254
27	110	448	315	362	374	256	148	352	655	130	10	276
28	112	402	369	197	369	254	160	317	591	195	10	315
29	118	392	424	101	-----	254	164	308	573	216	10	365
30	124	387	402	92	-----	251	168	372	631	166	10	376
31	118	-----	392	107	-----	205	-----	289	-----	129	10	-----
Mean	160	307	368	316	369	281	131	298	455	278	277	243
Max.	230	448	550	418	637	389	189	1066	745	562	1176	634
Min.	107	142	98	92	141	205	74	112	260	129	9	10
A.F.	9820	18270	22600	19460	20480	17300	7770	18320	27050	17110	17040	14450
Water diverted	209670 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	786	1166	1056	1054	1233	1156	916	815	728	1018	1519	1296
2	893	1209	1174	1191	1225	1150	887	665	618	1228	1554	1185
3	1077	1198	1080	1197	1170	1060	897	664	638	1192	1442	1164
4	1026	1153	1299	1190	1059	952	931	702	822	1115	1450	1190
5	1086	941	1079	1144	1232	1075	846	677	991	1098	1318	1115
6	1166	1152	1376	1170	1197	987	675	691	991	1204	1567	1165
7	1203	1171	1281	1145	1203	1038	521	677	873	1269	1464	1177
8	1077	1187	1419	1221	1206	1214	574	699	585	1208	1563	1232
9	1115	1192	1716	1327	1196	1253	773	718	712	1288	1605	1004
10	1275	1165	1370	1189	1138	1145	750	708	559	1117	1569	1140
11	1318	1192	1121	1213	890	1079	648	672	518	850	1568	1172
12	1382	1051	1085	1216	1173	1042	686	681	543	905	1432	1111
13	1384	1174	1076	1246	1155	1103	684	668	564	1045	1446	1125
14	1433	1084	1060	1103	1178	1184	690	495	540	1216	1369	1105
15	1244	1134	1126	1288	1173	1136	669	479	639	1101	1525	1131
16	1368	1019	1181	1226	1158	1120	823	419	733	1325	1384	1047
17	1268	934	962	1143	1142	1306	732	502	697	1347	1634	1329
18	1186	177	1237	1135	943	1140	675	392	747	1376	1597	1290
19	1225	0	1057	1253	1142	1181	694	389	769	1320	1385	1346
20	1227	677	1034	1247	1171	1166	672	402	913	1300	1460	1447
21	1216	884	980	1192	1184	1306	671	376	1080	1240	1529	1446
22	1101	995	1025	1285	1177	1241	602	340	679	1205	1557	1397
23	1190	1121	1022	1249	1138	1244	747	222	643	1273	1567	1334
24	1202	1132	910	1253	1157	1188	760	351	660	1305	1465	1439
25	1196	1041	945	1216	1036	1026	745	499	877	1383	1450	1318
26	1226	932	1074	1198	1185	1239	790	532	964	1414	1345	1367
27	1236	1129	1084	1276	1048	1272	540	403	1053	1438	1453	1402
28	1209	982	1109	1021	1141	1302	542	496	1065	1387	1434	1410
29	980	1083	1105	1187	-----	1286	570	510	1187	1207	1428	1406
30	1230	1094	1124	1121	-----	1344	757	459	1249	1317	1397	1355
31	1196	-----	895	1207	-----	1204	771	-----	-----	1366	1432	-----
Mean	1188	1012	1131	1197	1145	1166	716	551	786	1228	1487	1255
Max.	1433	1209	1716	1327	1233	1344	931	815	1249	1438	1634	1447
Min.	786	0	895	1021	890	952	521	222	518	850	1318	1004
A.F.	73050	60240	69540	73570	63570	71680	42620	33870	46880	75490	91450	74670
Water returned	776630 A.F.											

THIRTY MILE CANAL From Platte
River—Measured through rating
flume—Sec. 31-12-26 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	28	3	41	33	146	74
2	35	2	34	38	187	82
3	33	3	39	40	193	75
4	28	2	43	40	202	75
5	14	3	38	35	190	58
6	11	23	35	33	207	52
7	8	88	57	35	221	44
8	7	91	56	35	231	34
9	5	84	39	33	241	26
10	4	82	33	34	265	33
11	2	77	42	43	263	38
12	3	77	44	44	266	42
13	4	74	48	36	261	42
14	0	86	41	39	259	36
15	0	61	35	35	257	38
16	0	12	35	38	259	32
17	0	10	47	47	263	20
18	0	9	53	47	259	27
19	0	9	47	40	239	23
20	0	16	39	44	193	12
21	0	9	35	35	191	7
22	0	9	50	34	154	7
23	0	7	43	34	156	7
24	0	7	31	35	146	7
25	0	7	34	34	142	7
26	0	7	35	54	130	7
27	0	7	40	106	107	7
28	0	24	42	117	97	7
29	0	42	30	96	95	21
30	0	47	35	102	81	21
31	0	68	---	119	78	---
Mean	6	34	40	50	192	32
Max.	35	91	57	119	266	82
Min.	0	2	30	33	78	7
A.F.	360	2070	2400	3040	11820	1910
Water diverted	21600 A.F.					
	Acreage reported					
	A-1853 19254					
	A-1976 3635					
	A-2077 320					
Total	23209					

DAILY DIVERSIONS OF CANALS—1951

TRI-COUNTY CANAL from Platte River 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	1360	1700	1680	1590	160	1780	1730	1830	1820	1850	1960 2030	
2	1550	1800	1760	1750	450	1720	1850	1680	1810	2000	2030 2010	
3	1720	1750	1690	1700	550	1490	1850	1570	1700	2000	2030 2010	
4	1690	1710	1880	1780	750	1660	1880	1450	1630	1960	2020 1980	
5	1670	1540	1100	1690	980	1740	1890	1460	1720	1900	2020 2010	
6	1720	1660	890	1630	1380	1660	1950	1460	1680	1910	2020 2030	
7	1740	1750	840	1580	1470	1620	1820	1580	1940	1980	2000 2010	
8	1680	1740	910	1630	1540	1580	1720	1610	2040	1950	2020 2030	
9	1710	1690	1080	1850	1680	1550	1780	1620	2000	1970	2010 2030	
10	1790	1540	1360	1760	1700	1460	1770	1620	2010	2040	1990 2030	
11	1870	1740	1600	1770	1620	1340	1720	1580	1990	2020	2010 2040	
12	1920	1740	1840	1760	1760	948	1790	1560	2040	1960	1990 2030	
13	1900	1850	1820	1750	1560	1050	1830	1660	1950	1960	1990 2030	
14	1930	1760	1800	1630	1460	1710	1800	2020	1930	1960	2000 2000	
15	1810	1840	1780	1820	1620	1930	1810	1920	1800	1840	2000 1970	
16	1830	1900	1780	1880	1710	1760	1870	1940	1640	1960	2000 1900	
17	1810	1880	1620	1720	1750	1860	1870	1980	1680	1880	1990 1910	
18	1700	1560	1840	1800	1660	1670	1830	2020	1840	2000	2010 1860	
19	1720	1260	1720	1800	1840	1720	1830	1980	1730	2000	2020 1890	
20	1730	1450	1670	1720	1880	1720	1910	1960	1670	2020	2020 1960	
21	1700	1730	1600	1620	1900	1800	1940	1920	1780	1990	2030 2000	
22	1620	1740	1620	1770	1900	1820	1770	1950	1980	1950	2010 1980	
23	1720	1580	1590	1800	1850	1760	1810	1960	1970	1970	2010 1950	
24	1710	1410	1510	1800	1820	1760	1810	1650	1980	1920	2020 1970	
25	1720	1560	1560	1830	1830	1690	1810	1780	1950	1940	2010 1950	
26	1760	1710	1590	1820	1900	1740	1780	1750	1850	1960	1980 1960	
27	1770	1910	1530	1080	1690	1820	1940	1660	1800	1950	2010 1950	
28	1760	1680	1560	150	1730	1830	1880	1800	1740	1980	2030 1950	
29	1510	1730	1720	100	-----	1840	1680	1830	1840	1990	2050 1960	
30	1750	1740	1740	450	-----	1830	1840	1790	1890	2030	2040 2000	
31	1720	-----	1600	450	-----	1730	-----	1840	-----	2000	2030	
Mean	1729	1688	1557	1524	1505	1664	1825	1756	1847	1966	2011 1981	
Max.	1930	1910	1880	1880	1900	1930	1950	2020	2040	2040	2040 2040	
Min.	1360	1260	840	100	160	948	1680	1450	1630	1840	1960 1860	
A.F.	106290	100460	95740	93980	83580	102320	108610	107960	109880	120870	123670 117880	
Water diverted 1271240											Acres reported	
											A-2355-3476	164117
											A-3476 Storage only	37918
											A-3620 Storage only	3119
											A-3823 Storage only	3263
											A-4656 Storage only	12390
											Total	220807

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	0	0	0	0	0	0	0	0	0	0	64 0
2	0	0	0	0	0	0	0	0	0	0	300 0
3	0	0	0	0	0	0	0	0	0	0	370 0
4	0	0	0	0	0	0	0	0	0	0	260 0
5	0	0	0	0	0	0	0	0	0	0	164 0
6	0	0	0	0	0	0	0	0	0	0	276 0
7	0	0	0	0	0	0	0	0	0	0	158 0
8	0	0	0	0	0	0	0	61	0	0	346 0
9	0	0	0	0	0	0	0	107	0	0	470 0
10	0	0	0	0	0	0	0	107	0	0	425 0
11	0	0	0	0	0	0	0	107	0	0	360 0
12	0	0	0	0	0	0	0	107	0	0	205 0
13	0	0	0	0	0	0	0	105	0	0	181 0
14	0	0	0	0	0	0	0	78	0	0	208 0
15	0	0	0	0	0	0	0	0	0	0	250 0
16	0	0	0	0	0	0	0	0	0	0	58 0
17	0	0	0	0	0	0	0	0	0	0	127 0
18	0	0	0	0	0	0	0	0	0	0	132 0
19	0	0	0	0	0	0	0	0	0	0	142 0
20	0	0	0	0	0	0	0	0	0	0	228 0
21	0	0	0	0	0	0	0	0	0	0	295 0
22	0	0	0	0	0	0	0	0	0	0	100 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	42	0 0
27	0	0	0	0	0	0	0	0	0	160	0 0
28	0	0	0	0	0	0	0	0	0	358	0 0
29	0	0	0	0	0	0	0	0	0	136	0 0
30	0	0	0	0	0	0	0	0	0	0	0 0
31	0	0	0	0	0	0	0	0	0	0	0 0
Mean	0	0	0	0	0	0	0	22	0	22	165 0
Max.	0	0	0	0	0	0	0	107	0	358	470 0
Min.	0	0	0	0	0	0	0	0	0	0	0 0
A.F.	0	0	0	0	0	0	0	1330	0	1380	10150 0
Water returned	12860	A.F.									

DAILY DIVERSIONS OF CANALS—1951

649

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	1109	1373	1324	1303	765	1496	1306	1127	969	1088	381	839
2	1355	1408	1397	1402	493	1644	1495	976	998	1162	574	871
3	1336	1368	1342	1342	227	1651	1558	961	1017	1174	955	558
4	1287	1359	1323	1355	0	1687	1542	866	1053	559	495	1136
5	1102	985	1235	1433	312	1655	1613	911	930	932	550	1144
6	1105	1283	1282	1488	501	1523	1566	782	870	1142	803	1208
7	799	1332	1161	1256	612	1494	1538	743	767	1147	705	1219
8	578	1471	903	1369	736	1537	1341	662	733	933	523	1206
9	879	1429	862	1440	891	1563	1482	746	940	1202	381	1207
10	1045	1509	815	1513	948	1525	1611	630	551	1095	427	1277
11	849	1399	996	1499	807	1398	1575	653	1028	1039	365	438
12	1103	1064	1337	1484	1195	976	1623	530	1068	1078	170	274
13	1123	1320	954	1419	1219	1115	1623	442	1111	1205	287	268
14	1245	1222	857	1183	1174	1105	1536	769	1083	1327	455	275
15	795	1184	1298	1335	1333	1115	1321	961	1118	1030	264	213
16	1071	1245	1239	1420	1368	1099	1492	980	1272	1280	305	215
17	1270	1320	1199	1446	1395	832	1298	975	984	1241	430	195
18	1213	1185	1348	1374	1233	1266	1199	1104	1113	1143	411	192
19	1295	952	1286	1306	1442	1397	1066	1129	1012	1192	250	206
20	1345	1360	1489	1462	1398	1630	1275	701	1062	1194	504	315
21	1462	1341	1307	1191	1423	1286	1292	1163	1061	1086	479	70
22	1187	1330	1499	1519	1476	1486	1051	1147	925	911	385	53
23	1309	1323	1421	1541	1500	1456	1276	1305	946	1080	526	304
24	1280	1292	1467	1560	1458	1336	1272	1304	572	1004	330	528
25	1293	1632	1203	1446	1490	1092	955	1171	1097	963	35	1112
26	1240	1243	1328	1457	1554	1383	930	1010	1021	983	147	1215
27	1199	1639	1428	1065	1525	1447	970	615	1104	1078	709	1260
28	1070	1231	1411	1064	1560	1491	958	966	1117	982	757	1332
29	771	1289	1402	1182	-----	1593	776	954	1282	730	814	1273
30	1244	1270	1372	1001	-----	1587	1214	824	1281	878	955	1326
31	1359	-----	1255	969	-----	1623	-----	1000	-----	483	902	-----
Mean	1139	1313	1250	1350	1073	1402	1325	910	1003	1043	493	724
Max.	1462	1638	1499	1560	1560	1687	1623	1305	1282	1327	955	1332
Min.	578	952	815	969	0	832	776	442	551	483	35	53
A.F.	70050	78180	76840	82990	59570	86180	78850	55940	59670	64150	30300	43100
Water returned	785820 A.F.											

TRI-STATE CANAL FOR FARM-
ERS IRRIGATION DISTRICT AND
PREFERRED RIGHTS From North
Platte River and Pathfinder Reser-
voir—Measured through section of
canal—Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	86	700	36	902	900
2	269	700	168	886	900
3	266	500	155	873	538
4	269	467	64	873	546
5	297	431	190	873	594
6	288	417	251	873	594
7	294	386	489	873	542
8	294	326	646	831	554
9	294	519	634	810	560
10	294	574	634	792	566
11	155	594	700	854	568
12	112	590	707	873	570
13	116	570	700	873	550
14	420	417	700	873	530
15	428	333	728	873	519
16	719	303	797	873	511
17	789	622	835	873	403
18	749	692	873	873	350
19	720	634	828	873	403
20	713	614	840	873	530
21	716	449	873	873	566
22	638	438	873	873	598
23	550	496	873	900	600
24	530	436	873	900	600
25	489	0	873	900	600
26	442	0	873	900	578
27	382	0	873	900	500
28	361	0	873	900	445
29	326	0	873	900	275
30	280	0	873	900	288
31	478	-----	878	900	-----
Mean	411	407	664	876	542
Max.	789	700	878	902	900
Min.	86	0	36	792	275
A.F.	25280	24210	40830	53840	32260
Water diverted	176420 A.F.				

TRI-STATE DIVERSIONS
For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet—1951

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River	25280	24210	40830	53840	32260	176420
Optional Diversions (Estimated)	360	120	890	1540	530	3440
Total diversion	25640	24330	41720	55380	32790	179860
					Acreage reported	
					D-918	58151
					A-860	2913
					O.D.	2050
					Total	63114

UNION CANAL From Blue Creek
and Crescent Lake—Measured
through rating flume—Sec. 18-16-42 W.

WESTERN CANAL from South Platte
River—Measured through section of
canal—Sec. 14-12-43 W.

Day	Apr.	May	June	July	Aug.	Sept.	Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	7	6	3	12	0	1	52	0	121	33	10	46	89
2	0	7	3	3	12	0	2	50	0	106	12	6	48	231
3	0	9	3	2	15	0	3	50	0	74	9	2	52	128
4	0	8	4	0	15	0	4	38	84	65	10	0	67	72
5	0	5	7	0	16	8	5	46	97	56	11	0	67	65
6	0	6	7	5	16	12	6	63	94	58	15	21	115	48
7	0	6	0	9	16	8	7	72	86	56	26	48	303	58
8	0	8	4	9	15	1	8	61	82	86	24	54	264	82
9	0	4	1	8	14	0	9	69	84	86	16	63	322	184
10	0	4	1	8	10	0	10	67	92	94	31	22	422	268
11	0	5	1	14	12	0	11	50	109	92	38	15	273	213
12	0	4	1	18	11	0	12	46	148	84	82	12	188	184
13	0	6	1	19	11	0	13	46	156	84	74	9	163	152
14	0	7	1	18	11	0	14	67	159	86	40	6	131	128
15	9	7	1	19	12	0	15	61	159	50	16	6	138	112
16	2	6	1	19	13	0	16	58	188	36	14	19	163	84
17	2	8	1	18	15	0	17	67	200	40	15	40	167	67
18	2	8	1	17	18	0	18	112	188	38	41	43	152	82
19	2	9	0	12	15	0	19	126	180	40	10	40	145	67
20	2	8	2	15	16	0	20	121	175	142	6	31	134	67
21	3	7	3	12	14	0	21	128	213	273	10	30	124	63
22	9	6	3	12	15	0	22	92	240	38	23	46	118	65
23	12	4	3	6	11	0	23	79	209	11	152	45	109	63
24	15	5	2	1	0	0	24	100	159	6	209	28	109	76
25	11	8	2	0	0	0	25	121	118	6	175	28	97	103
26	5	5	0	0	0	0	26	138	109	4	145	30	100	131
27	1	7	2	0	0	0	27	138	121	12	118	30	92	152
28	4	4	2	0	0	0	28	142	109	28	112	30	89	92
29	3	4	8	0	0	0	29	49	112	22	131	28	82	67
30	6	6	7	4	0	0	30	0	121	18	38	36	74	69
31		6		8	0		31	0		23		48	72	
Mean	3	6	3	8	10	1	Mean	75	126	62	55	27	143	109
Max.	15	9	8	19	16	12	Max.	142	240	273	209	63	422	268
Min.	0	4	0	0	0	0	Min.	0	0	4	6	0	46	48
A.F.	170	380	160	510	620	60	A.F.	4580	7520	3840	3240	1630	8760	6470
Water diverted							Water diverted							
1900 A.F.							38060 A.F.							
			Acreage		reported						Acreage		reported	
			D-763		1224						A-393		11457	
											A-1804		764	
											Total		12221	

WINTERS CREEK CANAL From
North Platte River—Measured
through Parshall flume—
Sec. 17-22-55 W.

Day	May	June	July	Aug.	Sept.
1	0	22	0	14	22
2	0	18	0	16	23
3	0	14	0	19	8
4	0	12	0	18	6
5	0	11	0	23	10
6	0	12	0	20	8
7	0	11	5	15	7
8	0	10	17	13	7
9	0	10	15	13	7
10	0	15	18	16	10
11	16	15	22	18	4
12	20	16	25	17	0
13	17	16	20	17	0
14	21	13	21	16	0
15	21	9	20	20	0
16	23	6	19	21	0
17	22	7	20	18	1
18	18	15	21	19	1
19	18	26	17	18	17
20	18	24	21	19	15
21	19	20	24	21	17
22	20	19	23	23	16
23	19	15	20	22	20
24	19	11	20	25	21
25	18	10	19	24	21
26	19	3	20	23	18
27	20	0	19	24	14
28	17	0	20	30	17
29	16	0	15	28	23
30	18	0	16	26	18
31	18	15	15	26	—
Mean	13	12	15	20	11
Max.	23	26	25	30	23
Min.	0	0	0	13	0
A.F.	780	710	940	1240	660
Water diverted	4330	A.F.			

WINTERS CREEK CANAL From
Winters Creek—Measured through
Parshall flume—Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	29	45	0	56	54
2	5	37	0	58	46
3	0	36	0	58	22
4	23	36	0	57	0
5	23	37	0	56	0
6	24	42	0	54	0
7	23	45	14	56	0
8	25	45	45	51	0
9	32	42	44	53	0
10	49	38	43	53	0
11	55	38	45	55	0
12	41	39	50	56	0
13	41	41	51	53	0
14	42	42	50	55	0
15	40	41	46	56	0
16	49	41	46	56	0
17	54	41	47	56	11
18	48	41	46	58	34
19	47	4	46	57	40
20	47	0	49	52	35
21	45	0	54	51	33
22	44	0	52	51	38
23	44	0	49	51	42
24	43	14	54	51	44
25	44	5	58	52	46
26	44	0	56	51	48
27	45	0	56	49	44
28	44	0	56	51	44
29	45	0	57	52	17
30	46	0	56	56	0
31	48	—	55	54	—
Mean	38	25	40	51	20
Max.	55	45	58	58	54
Min.	0	0	0	49	0
A.F.	2360	1490	2430	3160	1190
Water diverted	10630	A.F.			

WINTERS CREEK LATERAL From
Winters Creek—Measured through
Parshall flume—Sec. 19-22-54 W.

Day	May	June	July	Aug.	Sept.
1	7	18	5	12	13
2	1	17	4	12	13
3	0	15	4	12	13
4	6	14	4	12	13
5	6	14	4	12	10
6	6	14	4	13	6
7	6	15	5	13	2
8	6	16	7	13	1
9	8	14	11	14	1
10	12	13	10	13	2
11	14	12	11	13	2
12	12	12	9	12	2
13	12	13	10	13	2
14	12	12	11	13	2
15	12	12	12	13	2
16	12	13	11	11	2
17	12	10	11	11	2
18	12	1	11	11	11
19	12	0	11	11	12
20	12	0	11	11	12
21	12	0	11	11	13
22	12	4	11	12	13
23	12	4	11	12	13
24	12	6	11	12	10
25	12	7	11	12	14
26	12	1	11	10	14
27	12	3	12	10	14
28	12	3	12	4	13
29	14	3	12	0	13
30	15	4	12	0	7
31	16	—	12	16	—
Mean	10	9	9	11	8
Max.	16	18	12	16	14
Min.	0	0	4	0	1
A.F.	640	540	580	680	490
Water diverted	2930	A.F.			

WINTERS CREEK DIVERSIONS
Summary in Acre-feet—1951

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River	780	710	940	1240	660	4330
Winters Creek	3000	2030	3010	3840	1680	13560
Total diversion	3780	2740	3950	5080	2340	17890
Water diverted 17890 A.F.					Acreage reported D-952	5748

DAILY DIVERSIONS OF CANALS—1952

**BELMONT-EMPIRE CANAL From
North Platte River—Measured
through rating flume—Sec. 18-20-51 W.**

Day	Oct.	May	June	July	Aug.	Sept.
1	44	15	49	173	166	112
2	35	18	76	166	166	80
3	48	30	98	160	158	122
4	63	30	98	155	160	148
5	36	30	101	186	163	144
6	0	35	90	173	165	137
7	0	28	111	177	161	131
8	0	32	155	177	166	128
9	0	39	153	158	161	105
10	0	35	120	140	163	117
11	0	34	134	144	156	110
12	0	30	173	145	148	124
13	0	28	161	153	145	128
14	0	36	123	156	137	129
15	0	41	0	158	134	124
16	0	49	0	158	123	104
17	0	50	165	144	136	57
18	0	46	175	142	147	57
19	0	32	94	147	112	59
20	0	76	61	153	89	63
21	0	79	201	166	84	66
22	0	89	160	166	153	70
23	0	91	161	156	163	69
24	0	83	195	165	155	65
25	0	83	186	158	158	63
26	0	87	170	153	161	60
27	0	66	144	158	156	66
28	0	66	147	155	142	76
29	0	69	166	165	139	78
30	0	59	186	170	69	111
31	0	57	.....	172	158	.....
Mean	7	50	128	160	145	96
Max.	63	91	201	186	166	148
Min.	35	15	0	140	69	57
A.F.	450	3060	7620	9820	8910	5760
Water diverted	35620 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	3	2	0
2	0	0	3	2	0
3	0	0	3	2	0
4	0	0	3	2	0
5	0	0	3	2	5
6	0	0	3	2	4
7	0	0	3	2	5
8	0	0	3	2	5
9	0	0	3	2	5
10	0	7	3	2	6
11	0	7	3	2	6
12	0	7	2	2	0
13	0	6	3	1	0
14	0	6	3	1	0
15	0	6	3	1	0
16	0	7	3	1	0
17	0	12	3	1	0
18	0	12	3	1	0
19	0	12	2	1	0
20	0	9	2	1	0
21	0	3	2	1	0
22	0	4	2	1	0
23	0	4	2	2	0
24	0	3	3	2	0
25	0	3	3	2	0
26	0	3	2	2	0
27	0	2	2	2	0
28	0	2	2	2	0
29	0	3	2	2	0
30	0	3	2	2	0
31	0	4	2	2	0
Mean	0	4	3	2	1
Max.	0	12	3	2	6
Min.	0	0	2	0	0
A.F.	0	250	160	100	70
Water diverted	580 A.F.				

**BELMONT CANAL
Summary in Acre-feet—1952**

	Oct.	May	June	July	Aug.	Sept.	Total	
Diverted from:								
North Platte River	450	3060	7620	9820	8910	5760	35620	
Cedar Creek-Belmont	0	0	250	160	100	70	580	
Total diversion	450	3060	7870	9980	9010	5830	36200	
Water diverted							Acreage reported	
36200 A.F.							D-628	14304

DAILY DIVERSIONS OF CANALS—1952

BRADY CANAL From Lodgepole Creek—Measured through section of canal—Sec. 28-15-54 W.

Day	May	June	July	Aug.	Sept.
1	0	1	0	0	0
2	0	1	0	0	0
3	0	1	0	0	0
4	0	1	0	0	0
5	0	1	0	0	0
6	1	1	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	1	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	1	0	0	0	0
14	1	0	0	0	0
15	1	0	0	0	0
16	1	0	0	0	0
17	2	0	0	0	0
18	2	0	0	0	0
19	1	0	0	0	0
20	1	0	0	0	0
21	4	0	0	0	0
22	2	0	0	0	0
23	5	0	0	0	0
24	3	0	0	0	0
25	1	0	0	0	0
26	1	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	1	0	0	0	0
31	1	0	0	0	0
Mean	1	0	0	0	0
Max.	5	1	0	0	0
Min.	0	0	0	0	0
A.F.	60	10	0	0	0
Water diverted					
70 A.F.		Acreeage	reported		
		D-352	50		

CAMBRIDGE CANAL From Republican River—Measured through 15-foot Parshall flume—Sec. 27-4-25 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	0	40	27
2	57	0	21	10	38	24
3	76	10	32	0	38	16
4	71	29	26	0	40	18
5	69	33	9	0	40	19
6	66	51	13	0	40	16
7	63	101	14	16	43	6
8	62	180	13	17	43	0
9	59	193	14	20	42	0
10	76	81	15	26	43	0
11	76	20	12	26	43	0
12	71	0	17	20	44	0
13	70	0	27	19	40	0
14	70	0	23	0	33	0
15	55	0	13	0	19	0
16	0	0	16	0	18	22
17	0	0	20	0	18	39
18	0	0	20	12	19	24
19	0	20	20	18	22	14
20	0	30	24	13	23	14
21	0	30	27	15	23	5
22	0	33	21	18	23	0
23	0	31	21	23	23	0
24	0	33	20	31	23	0
25	0	31	18	37	23	0
26	0	21	6	39	22	0
27	0	0	0	38	22	0
28	0	0	0	37	29	0
29	0	0	0	36	29	0
30	0	0	0	28	27	0
31	0	0	0	22	26	0
Mean	31	31	15	17	31	8
Max.	76	193	32	39	44	39
Min.	0	0	0	0	18	0
A.F.	1890	1840	920	1030	1910	480
Water diverted						
8070 A.F.			Acreeage	reported		
			A-3869e	2292		

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	23	0	40	57	58	58
2	26	0	38	57	58	47
3	28	0	77	57	58	50
4	29	0	77	59	53	54
5	31	0	65	52	57	55
6	18	0	85	42	64	55
7	18	32	85	42	69	57
8	16	0	93	50	73	61
9	17	0	93	40	74	59
10	18	0	71	28	69	56
11	23	0	69	26	67	55
12	28	0	64	34	64	51
13	21	0	70	43	60	47
14	0	0	0	51	71	48
15	0	0	0	52	65	48
16	0	0	0	50	62	44
17	0	0	53	45	61	33
18	0	0	73	44	68	26
19	0	25	63	52	79	25
20	0	16	42	51	82	29
21	0	25	64	52	75	33
22	0	32	59	52	56	35
23	0	9	71	48	57	35
24	0	25	77	49	60	35
25	0	18	72	49	63	36
26	0	19	75	49	64	36
27	0	60	73	49	65	40
28	0	25	65	51	66	40
29	0	19	67	55	59	31
30	0	40	59	58	63	31
31	0	30	58	65	65	43
Mean	9	11	61	48	62	43
Max.	31	60	93	59	82	61
Min.	0	0	0	26	53	25
A.F.	590	680	2980	3980	2600	
Water diverted						
14480 A.F.			Acreeage	reported		
			D-857-1033	6143		

CASTLE ROCK CANAL From North Platte River—Measured through rating flume—Sec. 14-21-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	62	0	59	82	83	81
2	71	0	60	85	81	81
3	88	0	69	72	83	81
4	70	0	76	95	89	70
5	64	0	72	81	98	66
6	62	0	88	77	100	62
7	55	0	93	78	82	62
8	48	0	85	86	33	68
9	42	23	100	86	72	76
10	38	16	117	78	72	72
11	39	15	119	85	74	72
12	38	16	115	91	81	72
13	39	10	105	79	77	74
14	39	12	104	68	78	76
15	39	56	106	62	132	74
16	39	74	104	79	78	66
17	39	74	94	86	81	65
18	40	76	93	83	80	75
19	40	70	102	90	81	71
20	36	60	114	94	81	69
21	5	60	112	93	81	74
22	0	82	76	93	83	72
23	0	56	81	95	80	68
24	0	54	66	87	80	72
25	0	88	48	98	78	72
26	0	14	112	87	78	73
27	0	17	66	89	80	75
28	0	35	74	86	78	68
29	0	36	64	80	68	58
30	0	41	70	78	70	60
31	0	48	82	80	80	71
Mean	31	33	88	84	80	71
Max.	71	88	119	98	132	81
Min.	0	0	48	62	33	60
A.F.	1930	2050	5250	5170	4940	4210
Water diverted						
23550 A.F.			Acreeage	reported		
			D-921	6016		
			A-186R	139		
Total						6155

DAILY DIVERSIONS OF CANALS—1952

657

CENTRAL CANAL From North Platte River and Pathfinder Reservoir—Measured through rating flume—Sec. 36-22-55 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	16	11	4	0	22	15
2	15	11	2	5	20	12
3	16	14	2	5	20	12
4	14	19	2	8	21	11
5	12	22	6	10	21	10
6	9	25	8	19	20	10
7	0	25	17	17	22	8
8	0	13	17	18	27	12
9	0	0	20	2	27	20
10	0	10	21	8	24	21
11	0	17	21	20	25	17
12	0	17	24	23	26	18
13	0	15	24	27	24	21
14	0	16	23	28	20	20
15	0	14	24	27	22	22
16	0	5	23	26	22	21
17	0	6	22	26	22	17
18	0	6	22	22	24	15
19	0	7	21	22	25	13
20	0	9	20	21	25	10
21	0	14	19	25	24	10
22	0	12	1	23	22	7
23	0	10	11	22	23	7
24	0	9	9	22	18	8
25	0	8	1	22	20	8
26	0	5	1	22	20	8
27	0	5	1	21	21	7
28	0	4	0	21	17	7
29	0	6	0	19	16	7
30	0	4	0	19	16	8
31	0	7	0	21	15	13
Mean	3	11	12	21	15	13
Max.	16	25	24	28	27	22
Min.	0	0	0	0	15	6
A.F.	160	690	730	1130	1330	750
Water diverted				Acreage reported		
4790 A.F.				D-926		2077

CHIMNEY ROCK CANAL From North Platte River and Pathfinder Reservoir—Measured through rating flume—Sec. 1-20-53 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	19	0	13	52	58	42
2	17	0	19	54	59	40
3	16	0	23	59	58	42
4	16	0	32	60	65	38
5	15	0	46	57	64	45
6	14	26	45	58	62	44
7	14	19	47	58	59	44
8	14	23	59	60	58	40
9	0	17	74	56	57	44
10	0	12	77	66	56	34
11	0	19	81	60	55	25
12	0	22	85	64	55	34
13	0	16	82	64	55	29
14	0	23	79	67	56	26
15	0	24	86	68	48	31
16	0	24	85	64	42	27
17	0	19	80	65	42	28
18	0	22	88	64	39	31
19	0	16	88	64	45	32
20	0	14	64	63	52	32
21	0	21	69	62	54	31
22	0	28	69	65	57	28
23	0	18	69	64	57	26
24	0	18	54	64	54	32
25	0	17	0	64	56	40
26	0	22	41	61	55	42
27	0	0	44	57	55	36
28	0	20	47	56	52	42
29	0	22	44	56	51	46
30	0	15	60	56	50	42
31	0	12	56	56	49	36
Mean	4	16	58	61	54	46
Max.	19	28	88	68	65	46
Min.	0	0	0	52	39	25
A.F.	250	970	3470	3740	3320	2130
Water diverted				Acreage reported		
13880 A.F.				D-844-1031		5668

CIRCLE ARROW CANAL From Lodgepole Creek—Measured through rating flume—Sec. 30-15-54 W.

Day	May	June	July	Aug.	Sept.
1	0	1	0	0	1
2	3	3	0	0	1
3	1	3	0	0	1
4	1	2	0	0	1
5	1	1	0	1	0
6	1	1	0	0	0
7	1	0	0	0	1
8	1	1	0	1	1
9	2	2	0	0	1
10	2	1	0	0	1
11	2	1	0	0	1
12	3	0	0	0	1
13	1	0	0	0	1
14	1	0	0	0	1
15	1	1	0	1	1
16	1	1	0	0	1
17	3	1	0	0	1
18	2	1	0	0	1
19	2	1	0	0	1
20	2	1	0	0	1
21	1	1	0	0	1
22	1	0	0	0	1
23	1	1	0	0	1
24	0	1	0	0	1
25	1	1	0	0	1
26	1	1	0	0	1
27	1	2	0	1	1
28	1	1	0	1	1
29	1	0	0	1	1
30	0	0	0	1	1
31	1	1	0	1	1
Mean	1	1	0	0	1
Max.	3	3	0	1	1
Min.	0	0	0	0	0
A.F.	80	60	0	20	60
Water diverted				Acreage reported	
220 A.F.				D-346	220

CODY-DILLON CANAL From North Platte River—Measured over weir—Sec. 10-14-31 W.

Day	May	June	July	Aug.	Sept.
1	0	8	26	50	22
2	0	8	28	50	21
3	0	8	28	50	20
4	0	7	29	47	19
5	0	12	33	50	19
6	0	16	37	46	18
7	0	16	37	40	18
8	0	16	35	35	18
9	0	20	37	31	16
10	0	25	35	26	17
11	0	25	38	31	20
12	0	27	38	29	18
13	0	28	34	24	14
14	0	31	33	18	14
15	0	31	31	17	10
16	0	25	28	19	4
17	0	32	26	21	2
18	0	35	24	21	0
19	0	31	24	18	6
20	10	29	22	16	12
21	10	32	22	14	12
22	9	34	24	16	16
23	6	34	21	20	16
24	5	30	22	20	16
25	4	29	29	22	16
26	6	27	29	17	17
27	10	24	47	26	16
28	8	23	40	40	12
29	7	24	40	38	11
30	8	23	49	32	8
31	7	23	50	28	8
Mean	3	24	32	29	14
Max.	10	35	50	50	22
Min.	0	7	21	14	0
A.F.	180	1410	1980	1810	850
Water diverted				Acreage reported	
6230 A.F.				D-649	5048

DAILY DIVERSIONS OF CANALS—1952

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	2105	2672	2248	1311	1885	1370	2347	1330	2292	1580	760	1320
2	2050	1940	2215	1440	1808	920	2548	1570	2017	1440	712	1284
3	2105	856	2303	1360	1690	170	2468	1620	1874	1293	808	1330
4	2347	150	2440	1410	1710	78	2464	1570	1852	1311	792	1330
5	2724	74	2440	1460	1731	37	2428	1550	1775	1185	928	1340
6	2870	712	2237	1440	1690	102	2314	1640	1720	1077	1050	1248
7	2858	1907	2116	1440	1680	155	2138	1786	1830	1590	987	1311
8	2572	1239	370	1500	1680	584	1951	1995	1742	1731	1032	1185
9	2404	1775	70	1570	1720	1041	2017	2325	1650	1440	1239	1131
10	2404	2149	43	1630	1640	1158	1995	2584	1520	1203	1293	1122
11	2347	2270	37	1710	1610	1014	1896	2548	1460	1050	1257	1086
12	2270	2292	493	1680	1650	1370	1962	2428	1400	944	1330	1077
13	2270	2380	64	1700	1630	1440	1918	2259	1350	1032	1266	1086
14	2416	2524	210	1775	1640	1520	1929	2127	1284	1410	1330	1158
15	2584	2476	406	1808	1540	1600	1742	2072	1221	2039	1500	1185
16	2633	1995	358	1830	1380	1630	1590	2404	1059	1896	1490	1212
17	2737	205	310	1852	1212	1742	1710	2810	936	1570	1430	1340
18	2685	86	346	1852	1221	1764	1786	2846	928	1360	1400	1330
19	2620	37	514	1852	1095	2006	1973	2685	904	1230	1590	1311
20	2548	418	752	1786	155	2259	1908	2724	928	1149	1248	1320
21	2596	696	744	1786	138	1973	2171	2634	1032	969	1221	1370
22	2762	472	864	1863	134	90	2325	2786	1158	920	1239	1360
23	2620	225	969	1720	406	262	2259	2737	1221	888	1239	1350
24	2596	114	1023	1550	1140	712	1874	2724	1230	896	1302	1360
25	2464	142	1041	1420	437	728	1600	2750	1212	948	1380	1400
26	2500	292	1095	1302	1239	577	1510	2608	1212	752	1275	1390
27	2737	760	1167	1286	1350	920	1510	2786	1775	744	1167	1400
28	2737	816	1257	1302	1350	1710	1420	2750	1808	672	1230	1360
29	2620	1808	1350	1410	1257	1995	1410	2711	1819	680	1400	1302
30	2596	2182	1400	1550	-----	1962	1380	2633	1797	688	1320	1311
31	2786	-----	1330	1731	-----	2039	-----	2476	-----	736	1320	-----
Mean	2534	1195	1039	1591	1304	1127	1949	2344	1467	1172	1210	1277
Max.	2870	2672	2440	1863	1885	2259	2548	2846	2292	2039	1580	1400
Min.	2050	37	37	1266	134	37	1380	1330	904	672	712	1077
A.F.	155830	71140	63890	97800	75010	69280	115960	144130	87290	72050	74430	75980
Water diverted	1102790 A.F.											

COURT HOUSE ROCK CANAL
From Pumpkinseed Creek—Meas-
ured through rating flume—
Sec. 30-19-50 W.

Day	May	June	July	Aug.	Sept.
1	0	13	17	10	15
2	0	13	17	10	14
3	0	13	16	12	17
4	0	13	15	12	13
5	0	16	17	12	13
6	0	17	16	13	14
7	0	18	17	14	14
8	0	17	11	14	14
9	0	17	14	14	14
10	0	16	15	14	13
11	0	13	15	10	12
12	0	12	16	14	12
13	0	13	16	18	14
14	0	12	16	20	16
15	0	12	16	9	16
16	0	12	16	13	14
17	0	11	14	15	14
18	0	12	13	14	14
19	0	13	12	13	12
20	0	13	11	12	13
21	0	14	11	12	14
22	0	15	11	10	14
23	0	17	11	10	14
24	0	17	13	10	13
25	0	18	12	12	14
26	0	20	12	11	13
27	0	20	14	12	13
28	0	20	10	13	13
29	0	19	11	15	13
30	14	18	11	16	14
31	13	15	10	15	14
Mean	1	18	14	13	14
Max.	14	20	17	20	17
Min.	0	11	10	9	12
A.F.	50	900	840	790	820
Water diverted	3400 A.F.				
	Acreage reported D-840-1028 1462				

COURTLAND CANAL From Re-
publican River—Measured through
orifice—Sec. 18-1-9 W.

Day	May	June	July	Aug.	Sept.
1	0	12	50	52	32
2	0	12	46	52	28
3	0	15	0	52	26
4	0	33	0	52	27
5	0	28	0	52	27
6	0	31	0	52	27
7	0	28	22	52	28
8	0	22	47	52	28
9	0	17	24	52	28
10	0	24	0	54	27
11	0	28	0	56	27
12	0	38	0	54	20
13	0	40	0	54	0
14	0	42	28	54	0
15	0	45	30	52	0
16	0	46	0	48	0
17	0	47	20	48	0
18	0	47	23	44	0
19	0	42	23	40	0
20	0	42	23	39	0
21	0	42	23	44	0
22	0	42	26	45	0
23	0	44	28	44	0
24	0	44	31	46	0
25	0	47	39	40	0
26	11	47	40	32	0
27	23	48	40	34	0
28	23	43	48	34	0
29	12	46	52	34	0
30	12	48	51	32	0
31	12	48	52	32	0
Mean	3	36	25	46	11
Max.	23	48	52	56	32
Min.	0	12	0	32	0
A.F.	180	2160	1520	2830	650
Water diverted	7340 A.F.				
	Acreage reported A-4222 431				

DAILY DIVERSIONS OF CANALS—1952

659

COZAD CANAL From Platte River
—Measured through section of
canal—Sec. 13-11-25 W.

Day	May	June	July	Aug.	Sept.
1	0	27	173	219	74
2	0	29	192	227	62
3	0	32	200	226	47
4	0	31	206	234	51
5	0	28	217	242	44
6	0	23	224	213	46
7	0	23	196	198	44
8	0	28	60	181	44
9	0	26	223	162	49
10	0	34	241	148	54
11	0	38	265	126	52
12	0	63	266	45	50
13	0	65	267	61	44
14	0	62	235	52	41
15	0	38	233	50	38
16	0	43	231	42	8
17	0	101	208	36	8
18	0	116	211	28	7
19	0	141	209	30	7
20	0	149	210	39	7
21	18	126	193	18	7
22	19	117	183	7	4
23	17	140	185	41	0
24	22	153	171	62	0
25	27	135	185	68	0
26	26	132	185	65	0
27	25	145	182	64	0
28	26	146	176	74	0
29	26	156	201	71	3
30	24	161	213	85	16
31	21	207	81	---	---
Mean	8	84	205	103	27
Max.	27	161	267	242	74
Min.	0	23	60	7	0
A.F.	500	4970	12590	6340	1800
Water diverted	26000 A.F.		Acreage reported		
			D-626		25190

CRESCENT LAKE OUTLET
To Blue Creek—
Sec. 21-20-44 W.

Day	June	July	Aug.	Sept.
1	0	1	20	3
2	0	1	20	3
3	0	1	20	3
4	0	1	21	3
5	0	1	21	3
6	0	30	21	2
7	0	30	16	2
8	0	30	12	1
9	0	30	12	1
10	0	30	12	0
11	0	30	12	0
12	0	30	12	0
13	0	30	12	0
14	14	25	12	0
15	14	25	12	0
16	14	25	11	0
17	14	19	11	0
18	14	15	10	0
19	14	15	10	0
20	38	15	9	0
21	38	15	6	0
22	38	15	2	0
23	38	13	2	0
24	37	13	2	0
25	36	12	2	0
26	35	12	5	0
27	34	12	4	0
28	33	15	4	0
29	1	19	4	0
30	1	18	4	0
31	---	20	4	---
Mean	14	18	10	1
Max.	38	30	21	3
Min.	0	1	2	0
A.F.	820	1080	640	40
Water diverted	2580 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	0	49	0	54	104	95	112
2	0	0	0	67	100	98	108
3	0	0	0	65	100	100	113
4	0	0	0	55	100	98	112
5	0	0	0	61	93	102	106
6	0	0	0	82	88	102	100
7	0	0	0	84	90	104	104
8	0	0	0	91	93	110	106
9	34	0	0	94	93	104	102
10	64	0	0	97	92	115	100
11	78	0	0	94	93	115	102
12	78	0	0	94	96	115	110
13	78	0	0	105	97	112	109
14	82	0	0	112	108	110	107
15	82	0	0	111	97	103	111
16	64	0	0	107	100	104	113
17	51	0	0	105	100	110	107
18	37	0	0	102	93	112	104
19	46	0	0	112	85	110	103
20	58	0	0	107	89	102	100
21	68	0	0	110	89	104	99
22	82	0	0	105	83	109	99
23	82	0	0	83	86	105	99
24	84	0	0	104	104	104	103
25	70	0	0	107	104	105	106
26	44	0	23	108	105	100	100
27	72	0	28	109	88	96	100
28	71	0	31	108	87	125	110
29	72	0	40	106	102	126	106
30	66	0	44	104	102	110	98
31	50	0	49	---	100	109	---
Mean	49	2	7	95	95	107	105
Max.	84	49	49	112	108	126	113
Min.	0	0	0	54	83	95	98
A.F.	3000	100	420	5640	5870	6570	6250
Water diverted	27850 A.F.			Acreage reported			
				D-24, 25, 29, 30			9318

ENTERPRISE CANAL From Wet Spotted Tail Creek—Measured in channel of stream—Sec. 22-23-56 W.

Day	May	June	July	Aug.	Sept.
1	7	9	12	15	16
2	7	9	12	15	16
3	7	9	13	15	16
4	7	9	13	15	17
5	7	9	14	15	17
6	7	9	14	15	17
7	8	9	15	15	18
8	9	10	15	15	18
9	9	10	16	15	18
10	9	10	16	15	18
11	9	10	17	15	18
12	9	10	17	15	18
13	9	11	18	15	18
14	9	11	18	15	18
15	9	11	18	15	18
16	10	11	18	15	18
17	10	11	18	15	17
18	10	11	18	15	17
19	10	11	18	15	17
20	10	11	17	14	17
21	10	11	17	14	16
22	10	11	17	14	16
23	10	11	17	14	16
24	10	11	16	14	16
25	10	11	16	14	16
26	10	12	16	14	16
27	10	12	15	14	16
28	9	12	15	14	16
29	9	12	15	15	16
30	9	12	15	15	16
31	9	11	15	15	17
Mean					17
Max.	10	12	18	15	18
Min.	7	9	12	14	16
A.F.	550	630	970	900	1010
Water diverted	4060	A.F.			

ENTERPRISE CANAL From Morrill Drain—Measured in channel of drain—Sec. 14-23-57 W.

Day	May	June	July	Aug.	Sept.
1	1	2	7	5	7
2	1	2	7	5	7
3	1	2	7	5	7
4	1	2	7	5	7
5	1	2	7	5	7
6	1	2	7	5	7
7	2	3	7	5	7
8	2	3	7	5	7
9	2	3	7	5	7
10	2	3	7	5	7
11	2	4	7	5	7
12	2	4	7	5	7
13	2	4	7	6	8
14	2	4	7	6	8
15	2	5	7	6	8
16	3	5	7	6	8
17	3	5	7	6	8
18	3	5	7	7	8
19	3	5	7	7	8
20	3	5	7	7	8
21	3	5	6	7	8
22	3	5	6	7	8
23	3	5	6	7	8
24	3	5	6	7	8
25	3	6	6	7	8
26	3	7	5	7	8
27	3	7	7	7	8
28	2	7	5	7	8
29	2	7	7	7	8
30	2	7	5	7	8
31	2	7	5	7	8
Mean		4	6	6	8
Max.	3	7	7	7	8
Min.	1	2	5	5	7
A.F.	130	260	400	370	450
Water diverted	1610	A.F.			

ENTERPRISE CANAL From Stewart Drain—Measured in channel of drain—Sec. 13-23-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	0	0	0	0	0
Min.	0	0	0	0	0
A.F.	0	0	0	0	0

ENTERPRISE CANAL From Tub Springs—Difference between stations upstream and downstream from canal—Sec. 32-23-55 W.

Day	May	June	July	Aug.	Sept.
1	6	1	0	39	16
2	0	17	0	38	21
3	0	35	0	39	49
4	0	23	8	39	18
5	14	21	1	42	19
6	16	9	9	42	28
7	6	17	6	42	20
8	12	13	27	42	21
9	23	18	23	42	25
10	18	22	33	42	17
11	6	22	35	32	20
12	18	15	35	42	19
13	27	9	21	42	13
14	27	0	32	41	21
15	26	0	22	40	13
16	13	5	23	40	21
17	0	16	33	39	25
18	0	18	35	38	25
19	13	22	32	38	24
20	13	27	6	38	24
21	0	28	41	35	19
22	5	0	46	38	22
23	0	0	39	39	24
24	0	0	39	39	14
25	0	0	39	37	7
26	0	0	38	38	0
27	0	0	32	39	0
28	0	0	37	33	0
29	0	0	35	32	0
30	0	0	35	31	0
31	0	0	38	25	0
Mean	7	12	26	37	17
Max.	27	35	48	42	49
Min.	0	0	0	1	0
A.F.	450	680	1590	2280	1030
Water diverted	6030	A.F.			

ENTERPRISE CANAL
Summary in Acre-feet—1952

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River	2100	3200	2380	2260	1790	11730
Wet Spotted Tail	550	630	970	900	1010	4060
Morrill Drain	130	260	400	370	450	1610
Stewart Drain	0	0	0	0	0	0
Tub Springs	450	680	1590	2260	1030	6030
Total diversion	3230	4770	5340	5810	4280	23430
Water diverted	Acreage reported					
23430 A.F.	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	0	0	2	3	
2	0	0	1	3	3	
3	0	0	1	3	3	
4	0	0	1	3	3	
5	0	0	1	2	2	
6	0	0	4	2	2	
7	0	4	1	2	3	
8	0	3	1	2	2	
9	0	4	1	2	2	
10	3	3	1	2	3	
11	3	3	1	3	3	
12	3	2	1	3	4	
13	3	2	4	3	4	
14	3	1	0	3	3	
15	3	1	0	3	3	
16	3	3	0	3	3	
17	3	3	0	3	3	
18	2	3	0	3	4	
19	2	1	0	3	4	
20	2	1	0	3	4	
21	0	1	0	3	4	
22	0	1	0	3	3	
23	0	1	0	3	3	
24	0	3	0	3	3	
25	0	3	0	2	3	
26	0	3	3	2	4	
27	3	3	3	3	2	
28	3	3	3	2	2	
29	3	1	2	2	1	
30	0	0	2	2	1	
31	0	0	2	3	3	
Mean	1	2	1	3	3	
Max.	3	4	4	3	4	
Min.	0	0	0	2	0	
A.F.	80	110	60	160	170	
Water diverted	Acreage reported					
580 A.F.	D-348					165
	A-718					54
Total						219

FORT LARAMIE CANAL From
North Platte River and Pathfinder
Reservoir—Measured through Par-
shall flume—Sec. 11-26-65 W., Wyo.

Day	May	June	July	Aug.	Sept.	
1	0	711	933	1552	1543	
2	0	711	900	1549	1543	
3	0	715	905	1546	1543	
4	0	751	971	1546	1546	
5	0	860	1025	1546	1527	
6	90	863	1121	1546	1492	
7	519	1042	1200	1549	1495	
8	513	1096	1211	1543	1492	
9	694	1124	1343	1543	1495	
10	693	1385	1492	1549	1496	
11	802	1502	1502	1552	1489	
12	856	1502	1505	1549	1443	
13	922	1502	1502	1546	1448	
14	987	1502	1502	1549	1385	
15	1049	1502	1505	1549	1446	
16	1042	1502	1502	1549	1436	
17	915	1502	1520	1549	1397	
18	846	1505	1543	1549	1394	
19	861	1505	1546	1546	1391	
20	865	1502	1543	1549	1394	
21	864	1505	1540	1552	1394	
22	858	1505	1543	1552	1394	
23	833	1505	1546	1549	1394	
24	776	1505	1546	1546	1394	
25	753	1421	1543	1546	1394	
26	760	1319	1546	1549	1355	
27	762	1249	1546	1552	1281	
28	763	1045	1546	1546	1177	
29	726	1001	1543	1543	1051	
30	711	993	1549	1546	900	
31	711		1549	1543		
Mean	651	1248	1396	1548	1404	
Max.	1049	1505	1549	1552	1546	
Min.	0	711	900	1543	900	
Water diverted	Acreage reported					
378810 A.F.	A-768					54846
	A-768 Wyo.					50210
Total						105056

DAILY DIVERSIONS OF CANALS—1952

663

FRENCH CANAL From North Platte River—Measured through orifice—Sec. 9-23-60 W., Wyoming

Day	May	June	July	Aug.	Sept.
1	0	10	0	29	10
2	0	9	0	28	10
3	0	5	0	29	10
4	0	5	0	30	5
5	0	5	0	30	11
6	0	18	5	28	6
7	0	19	6	26	12
8	0	18	7	26	11
9	0	18	7	26	11
10	0	25	7	26	9
11	8	23	10	27	11
12	5	25	10	26	11
13	13	25	23	25	8
14	16	17	18	24	4
15	16	17	17	24	4
16	16	15	15	22	11
17	16	18	26	23	12
18	15	20	25	27	16
19	15	30	28	26	16
20	17	27	27	28	16
21	14	27	26	30	10
22	17	25	27	30	10
23	17	18	28	27	3
24	10	18	29	26	9
25	14	16	30	27	9
26	18	6	28	20	3
27	16	0	26	17	3
28	16	0	27	18	2
29	16	0	29	19	2
30	18	0	29	15	3
31	17	0	30	15	3
Mean	10	15	17	25	9
Max.	18	30	30	30	16
Min.	0	0	0	15	2
A.F.	610	910	1070	1540	510
Water diverted	Acreage reported				
4640 A.F.	A-1145 Neb. 770				
	A-1433 Neb. 213				
	A-1581 Neb. 32				
	Wyoming 651				
	Total 1666				

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	35	207	160
2	0	23	37	207	174
3	0	25	39	209	168
4	0	0	32	207	164
5	0	12	104	207	164
6	0	91	142	205	113
7	63	88	134	207	105
8	83	86	109	207	104
9	85	88	143	207	106
10	84	86	138	209	105
11	83	111	132	208	102
12	83	144	193	206	100
13	82	138	209	205	99
14	111	189	205	206	98
15	85	194	46	201	92
16	85	189	206	201	90
17	79	193	205	207	86
18	83	200	206	207	86
19	85	201	208	206	96
20	87	201	205	209	102
21	90	200	205	210	102
22	47	201	207	199	104
23	0	188	203	199	100
24	0	183	206	199	99
25	0	111	208	195	88
26	12	90	205	194	87
27	20	81	208	194	0
28	21	44	206	195	0
29	23	44	205	161	0
30	22	44	214	158	0
31	21	21	207	159	0
Mean	46	116	162	200	96
Max.	111	201	214	210	174
Min.	0	0	35	158	0
A.F.	2840	6880	9940	12280	5740
Water diverted	Acreage reported				
37680 A.F.	A-365 14354				

GOTHENBURG CANAL from Platte River for Power and Irrigation Measured through Parshall flume—Sec. 28-12-28 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	137	177	132	0	151	73	118	177	251	398	430	284
2	155	186	123	0	105	93	131	186	265	414	412	244
3	126	143	0	0	118	117	156	196	236	430	412	225
4	151	101	0	0	107	96	155	175	257	414	432	211
5	195	83	0	0	101	97	143	168	261	416	414	172
6	174	80	0	0	125	131	148	174	259	416	409	170
7	168	97	0	0	137	106	124	177	296	412	396	211
8	148	132	0	0	172	92	108	182	305	416	386	223
9	189	126	0	0	138	121	91	186	314	428	384	227
10	167	122	0	0	122	135	75	198	327	400	396	223
11	155	116	0	0	125	135	126	195	349	418	325	228
12	187	121	0	0	142	87	101	168	366	421	300	206
13	175	128	0	0	137	103	146	167	393	432	305	217
14	160	127	0	0	162	80	165	170	355	423	251	223
15	160	114	0	0	155	118	135	198	311	430	219	219
16	150	117	0	0	131	128	160	179	204	432	230	234
17	122	60	0	0	148	132	142	167	340	425	217	206
18	115	70	0	0	121	122	165	140	380	409	191	186
19	110	84	0	0	48	143	158	174	386	409	175	189
20	120	47	0	0	60	146	160	208	398	409	124	175
21	125	118	0	0	50	94	145	204	400	421	89	170
22	145	103	0	0	61	79	177	175	393	400	97	180
23	172	110	0	0	52	62	177	186	400	384	191	217
24	172	91	0	0	47	70	168	184	405	362	210	87
25	146	103	0	0	75	97	148	187	396	384	259	84
26	142	89	0	0	30	129	160	196	369	412	255	115
27	174	129	0	0	67	138	150	228	402	375	261	115
28	175	122	0	0	93	125	146	238	396	407	284	101
29	140	131	0	0	63	75	103	156	340	377	412	282
30	150	134	0	0	138	114	156	366	396	405	249	153
31	160	0	0	0	188	124	257	396	396	396	246	153
Mean	154	112	8	12	105	109	143	195	340	410	285	187
Max.	195	186	132	168	172	146	177	366	405	432	432	284
Min.	110	60	0	0	30	62	75	140	204	362	89	84
A.F.	9450	6670	510	730	6060	6720	8510	11970	20210	25210	17520	11130
Water diverted	124690 A.F.											

DAILY DIVERSIONS OF CANALS—1952

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	113	118	120	0	94	65	126	113	179	102	106	134
2	108	84	113	0	73	70	107	167	165	99	97	133
3	115	38	30	0	92	29	114	152	149	106	87	102
4	118	50	0	0	81	10	141	134	152	105	98	106
5	159	87	0	0	115	13	138	135	148	84	98	34
6	141	89	0	0	145	13	123	145	145	76	109	42
7	141	110	0	0	122	30	99	142	145	75	100	78
8	136	105	0	0	139	112	95	146	145	75	129	91
9	141	122	0	0	99	96	78	148	142	75	122	124
10	142	127	0	0	105	123	81	148	143	68	125	155
11	139	111	0	0	84	140	97	155	144	72	137	140
12	139	124	0	0	115	106	63	159	129	67	134	127
13	144	125	0	0	130	30	112	142	121	70	133	103
14	133	118	0	0	137	49	134	120	128	105	137	112
15	137	126	0	0	150	98	149	151	71	83	113	113
16	136	79	0	0	136	108	111	154	29	103	106	110
17	121	36	0	0	126	131	140	152	57	87	109	108
18	114	55	0	0	154	101	140	123	91	91	92	83
19	90	17	0	0	57	113	138	120	79	87	96	104
20	107	28	0	0	30	125	129	161	98	87	79	116
21	115	94	0	0	37	109	118	185	118	102	42	92
22	120	92	0	0	30	32	127	156	119	99	32	110
23	120	80	0	0	40	12	153	149	120	72	66	151
24	149	44	0	0	33	3	136	153	125	62	78	97
25	110	23	0	0	25	15	132	168	116	65	108	35
26	91	58	0	0	45	50	130	151	90	86	127	71
27	129	102	0	0	25	120	129	157	87	88	128	64
28	129	111	0	0	80	100	126	154	101	102	147	64
29	118	115	0	0	60	90	128	153	95	90	150	44
30	127	113	0	15	—	110	145	157	89	94	150	70
31	135	—	0	63	123	75	—	136	—	85	148	—
Mean	126	86	8	3	87	75	121	148	117	86	109	97
Max.	159	127	120	63	154	131	153	185	179	106	150	155
Min.	90	17	0	0	25	3	63	113	29	62	32	34
A.F.	7770	5120	520	150	5020	4610	7220	9100	6960	5280	6710	5770
Water returned	64230 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	51	283	311	133
2	0	80	302	303	88
3	0	68	311	314	122
4	0	86	296	321	92
5	0	94	321	303	133
6	0	107	331	286	123
7	0	133	328	283	123
8	0	142	332	241	121
9	0	154	344	247	87
10	0	166	326	255	49
11	0	187	337	171	70
12	0	221	346	149	63
13	0	257	353	156	101
14	0	211	305	97	97
15	0	231	336	92	92
16	0	170	316	111	110
17	0	275	327	94	84
18	0	278	307	88	92
19	0	297	311	67	72
20	0	287	311	35	45
21	0	267	306	42	67
22	0	259	288	60	56
23	18	265	303	117	47
24	12	264	292	122	0
25	0	266	311	137	44
26	16	266	315	112	35
27	52	304	276	117	43
28	65	282	292	119	29
29	68	270	311	113	66
30	190	296	299	80	74
31	104	—	300	79	—
Mean	17	208	313	162	79
Max.	190	304	353	321	133
Min.	0	51	276	35	0
A.F.	1040	12370	19270	9960	4680
Water diverted	Acreage reported				
47320 A.F.	D-645a 820				
	D-645b 17000				
	A-3716 4495				
Total	22315				

GRAF CANAL From Blue Creek
and Crescent Lake—Measured
through Parshall flume—
Sec. 19-16-42 W.

Day	May	June	July	Aug.	Sept.
1	0	0	19	16	18
2	0	0	19	21	12
3	0	0	20	22	14
4	0	0	21	18	14
5	0	0	20	13	14
6	0	0	20	13	15
7	0	0	20	18	12
8	0	0	20	17	10
9	0	0	2	17	12
10	0	0	7	16	14
11	0	0	14	11	14
12	0	20	17	9	19
13	0	18	18	8	17
14	0	14	18	7	17
15	0	17	16	14	17
16	0	22	21	25	17
17	0	23	20	23	17
18	0	20	14	19	17
19	0	15	13	19	15
20	0	17	16	15	13
21	0	13	24	17	13
22	0	15	28	18	12
23	0	17	29	19	12
24	0	12	20	23	12
25	0	22	11	23	11
26	0	24	12	21	11
27	0	23	13	17	12
28	0	22	13	20	12
29	0	20	13	19	12
30	0	17	12	22	15
31	0	—	10	21	—
Mean	0	12	17	17	14
Max.	0	24	29	25	19
Min.	0	0	2	7	10
A.F.	0	700	1030	1070	830
Water diverted	Acreage reported				
3630 A.F.	D-763R 85				
	D-781R 15				
	D-788 1989				
Total	2089				

HAIGLER CANAL From Republican River—Measured through section of canal—Section 2-1-43 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	22	0	24	41	41	46
2	26	0	24	38	41	46
3	25	0	30	39	41	45
4	24	24	30	40	41	45
5	24	24	30	39	41	44
6	24	24	30	39	41	44
7	24	24	37	38	41	42
8	23	23	37	37	41	41
9	22	22	37	36	41	40
10	22	22	37	35	41	40
11	22	21	38	36	41	40
12	22	20	38	34	43	40
13	20	20	38	35	43	40
14	20	20	38	44	43	40
15	20	20	38	46	43	40
16	20	20	39	44	43	39
17	20	25	37	41	43	39
18	19	25	46	41	43	39
19	19	25	37	40	43	39
20	19	30	39	39	43	39
21	18	28	39	38	43	39
22	18	26	41	38	43	39
23	17	24	45	38	43	39
24	0	21	44	37	43	39
25	0	19	39	36	53	39
26	0	25	35	36	52	39
27	0	28	43	36	51	39
28	0	26	44	36	50	39
29	0	24	42	41	50	39
30	0	24	41	41	48	39
31	0	24	41	41	48	39
Mean	16	21	37	39	44	41
Max.	26	30	46	46	53	46
Min.	0	0	24	34	41	39
A.F.	970	1310	2220	2380	2700	2420
Water diverted	12000	A.F.	Acreage reported		D-1025 Neb. 2038	
			D-1025 Colo. 1050			
			Total	3088		

HOOPER CANAL from Blue Creek and Crescent Lake—Measured through rating flume—Sec. 6-16-42 W.

Day	May	June	July	Aug.	Sept.	
1	0	6	10	13	13	
2	0	0	10	12	13	
3	0	7	10	12	14	
4	0	0	12	11	14	
5	0	10	13	10	14	
6	0	10	14	10	13	
7	0	7	14	11	13	
8	0	4	16	11	13	
9	0	16	15	10	13	
10	0	15	13	11	13	
11	0	19	16	10	13	
12	0	19	19	10	7	
13	0	13	17	11	0	
14	0	14	16	11	0	
15	0	18	16	12	0	
16	0	19	14	13	0	
17	0	18	13	13	5	
18	0	17	13	12	11	
19	0	15	14	12	12	
20	0	15	14	11	12	
21	0	9	13	11	12	
22	0	9	14	11	7	
23	0	10	14	11	8	
24	3	11	12	11	8	
25	0	12	12	11	8	
26	0	15	12	11	8	
27	0	14	12	11	8	
28	3	11	12	12	13	
29	3	10	12	12	12	
30	3	10	12	12	12	
31	3	10	12	12	12	
Mean	0	12	13	11	10	
Max.	3	19	19	13	14	
Min.	0	0	10	10	0	
A.F.	30	700	830	700	570	
Water diverted	2830	A.F.	Acreage reported		D-781 863	
			D-788R		19	
			Total	862		

HURLEY-LILLY-POLLY CANAL from Lodgepole Creek—Measured through rating flume—Sec. 26-15-56 W.

Day	May	June	July	Aug.	Sept.	
1	4	0	1	1	3	
2	3	0	2	1	3	
3	3	0	2	1	2	
4	3	0	1	3	2	
5	3	0	0	3	2	
6	2	0	0	2	2	
7	2	0	0	2	2	
8	2	3	3	2	1	
9	2	3	3	2	1	
10	2	3	3	2	2	
11	2	2	5	2	2	
12	2	2	5	2	2	
13	2	2	5	2	2	
14	2	2	5	2	2	
15	4	4	6	2	2	
16	3	3	6	2	2	
17	4	3	5	3	1	
18	4	3	5	3	1	
19	2	4	4	4	1	
20	2	2	6	4	1	
21	0	2	3	4	0	
22	0	2	3	3	0	
23	0	2	3	5	0	
24	0	2	4	4	0	
25	0	2	2	3	0	
26	0	2	2	3	0	
27	0	1	1	3	0	
28	0	1	1	3	0	
29	0	1	1	3	0	
30	0	2	1	3	0	
31	0	2	1	3	0	
Mean	2	2	3	3	1	
Max.	4	4	6	5	3	
Min.	0	0	0	1	0	
A.F.	110	110	160	160	70	
Water diverted	610	A.F.	Acreage reported		D-354 180	

INTERSTATE CANAL From North Platte River and Pathfinder Reservoir—Measured through rating flume—Sec. 11-26-65 W., Wyoming

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	456	0	1324	1465	1627	2118	1932
2	448	0	1351	1477	1630	2118	1877
3	446	0	1351	1582	1714	2110	1826
4	430	0	1378	1630	1736	2106	1770
5	434	0	1444	1696	1910	2114	1774
6	360	260	1522	1823	2014	2110	1774
7	0	344	1543	1928	2090	2130	1781
8	0	500	1546	1974	2094	2142	1788
9	0	670	1546	2066	2098	2142	1837
10	0	850	1540	2082	2102	2142	1837
11	0	890	1543	2086	2118	2142	1837
12	0	905	1641	2102	2118	2142	1837
13	0	910	1662	2102	2118	2146	1834
14	0	964	1739	2102	2114	2150	1826
15	0	1081	1854	2102	2114	2134	1826
16	0	1075	1770	2102	2114	2142	1778
17	0	1072	1690	1854	2110	2142	1781
18	0	1078	1634	700	2122	2146	1806
19	0	1075	1588	568	2114	2146	1806
20	0	1078	1596	1312	2118	2138	1802
21	0	1075	1599	1886	2118	2142	1809
22	0	1081	1592	1462	2118	2142	1809
23	0	1075	1585	1669	2118	2110	1865
24	0	1072	1504	1858	2122	2110	1865
25	0	1075	1518	1932	2114	2114	1868
26	0	1108	1504	1882	2110	2110	1830
27	0	1114	1465	1848	2114	2114	1690
28	0	1136	1464	1711	2110	2098	1450
29	0	1162	1468	1630	2114	2046	1204
30	0	1213	1465	1627	2110	1978	1072
31	0	83	1465	—	2114	1963	—
Mean	83	796	1545	1742	2046	2116	1760
Max	456	1213	1854	2102	2122	2150	1932
Min.	0	0	1324	568	1627	1963	1072
A.F.	5110	47340	94990	103650	125830	130090	104700
Water diverted	Acreage reported						
611710 A.F.	A-768 Neb. 111440						
	A-768 Wyo. 16100						
	Total						127540

KEARNEY CANAL from Platte River Measured through section of canal—Sec. 33-9-17 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	271	319	302	160	136	0	109	6	238	230	106	234
2	280	163	271	168	142	0	260	239	233	233	150	325
3	286	175	302	199	166	0	287	239	245	228	162	325
4	274	190	310	197	161	0	319	243	260	209	109	394
5	287	200	304	203	152	0	331	236	177	183	146	377
6	294	310	300	202	188	0	333	236	61	202	159	394
7	297	324	299	201	190	0	319	246	292	206	158	348
8	283	332	116	204	198	0	336	241	293	209	161	164
9	298	343	93	175	204	0	336	235	278	201	289	288
10	295	346	89	183	246	0	327	221	277	176	289	283
11	301	338	71	203	327	0	320	217	254	147	308	321
12	319	336	106	196	358	0	316	218	235	132	351	151
13	354	332	87	196	358	2	310	223	236	124	367	244
14	355	330	59	217	363	41	267	214	261	208	336	241
15	333	327	74	221	358	102	263	223	233	189	331	135
16	352	326	120	201	278	233	273	221	200	179	330	140
17	350	165	199	202	51	321	292	195	181	176	364	163
18	338	217	180	206	22	384	305	210	156	179	318	208
19	344	238	179	225	15	381	313	218	131	192	346	216
20	336	288	185	222	14	381	318	244	132	180	331	276
21	328	282	202	195	15	334	188	248	159	169	326	328
22	320	212	249	87	16	164	62	267	190	180	270	310
23	330	295	248	84	20	2	292	256	198	177	248	368
24	336	116	245	95	21	2	290	253	184	175	309	326
25	336	176	242	120	20	2	283	250	193	158	227	332
26	334	302	233	168	0	2	270	236	193	133	246	352
27	338	314	224	142	0	2	258	253	196	134	241	372
28	332	314	238	145	0	2	186	224	209	90	239	340
29	320	305	254	165	0	2	26	253	206	157	197	306
30	340	309	248	153	—	2	10	252	212	78	231	318
31	324	—	219	149	—	27	—	220	—	105	258	—
Mean	319	274	202	176	139	77	260	227	210	172	255	286
Max.	355	346	310	225	363	384	336	267	293	233	367	394
Min.	271	116	59	87	0	0	10	6	61	78	106	135
A.F.	19610	16310	12390	10850	7970	4730	15470	13960	12520	10590	15670	17020
Water diverted	Acreage reported											
157090 A.F.	D-1023 4210											
	D-1023 Power											
	A-1577 Power											

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	287	287	256	150	122	0	59	0	222	173	25	228
2	264	145	210	180	133	0	198	162	210	194	86	281
3	268	155	236	160	145	0	246	228	231	194	125	248
4	276	165	248	175	161	0	273	237	252	189	55	287
5	267	180	270	185	105	0	286	230	226	157	93	302
6	268	308	267	185	140	0	287	232	55	118	114	329
7	278	305	261	185	156	0	272	236	234	266	94	321
8	261	295	166	160	180	0	284	215	258	210	175	166
9	267	345	80	165	202	0	287	232	256	170	225	243
10	273	377	60	165	209	0	286	215	258	149	248	255
11	267	374	42	185	276	0	282	209	248	129	246	278
12	270	335	56	185	313	98	286	205	230	126	289	72
13	303	287	118	185	305	61	279	206	228	114	303	203
14	305	289	22	205	313	29	244	201	220	219	287	175
15	287	289	14	254	313	40	231	202	202	208	272	170
16	311	289	33	194	268	175	248	213	175	192	272	133
17	311	111	174	188	34	246	252	205	166	189	297	121
18	306	82	194	207	11	289	268	201	138	175	281	191
19	294	209	212	168	3	292	273	208	114	180	289	209
20	303	248	182	178	2	285	290	231	86	177	290	243
21	302	244	204	163	1	284	254	236	101	146	302	274
22	295	180	212	55	1	83	52	260	156	170	215	274
23	297	270	230	80	2	29	262	232	154	135	189	321
24	298	100	225	80	0	0	290	238	133	121	215	327
25	297	145	215	100	5	0	273	231	147	96	177	284
26	292	270	210	145	2	0	256	238	153	86	174	319
27	292	266	205	125	3	0	243	260	146	76	178	340
28	284	276	216	127	0	0	224	198	185	38	163	314
29	266	268	222	171	0	0	49	237	157	161	185	276
30	279	274	215	173	0	0	0	224	173	35	178	287
31	273	203	168	168	—	16	195	—	—	1	220	—
Mean	285	245	176	162	118	62	234	213	184	148	202	249
Max.	311	377	270	254	313	295	290	260	258	266	303	340
Min.	261	82	14	55	0	0	0	0	55	1	25	72
A.F.	17500	14570	10820	9970	6770	3800	13950	13120	10940	9110	12420	14820
Water returned	137790 A.F.											

KEITH-LINCOLN COUNTY CANAL
from North Platte River
Measured through rating flume—
Sec. 18-14-36 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	33	53	69	88	82	76
2	45	66	62	87	84	82
3	56	63	66	89	84	80
4	63	60	90	90	84	82
5	67	58	80	88	80	85
6	69	63	67	87	79	81
7	64	58	79	88	79	77
8	63	57	78	89	74	84
9	30	58	79	90	74	90
10	16	51	79	89	80	88
11	12	47	79	90	80	89
12	10	43	81	88	81	86
13	10	41	86	81	81	78
14	8	55	86	78	86	79
15	7	76	84	81	88	79
16	0	68	99	82	82	76
17	0	59	113	81	89	82
18	0	81	115	82	87	84
19	0	69	111	84	85	82
20	0	54	116	81	84	85
21	0	43	118	82	88	87
22	0	39	121	81	89	82
23	0	27	122	85	89	78
24	0	43	123	84	87	76
25	0	31	116	86	87	76
26	0	46	122	87	88	65
27	0	64	76	85	88	80
28	0	68	88	86	88	88
29	0	68	85	87	87	82
30	0	68	86	86	82	77
31	0	69	86	86	84	—
Mean	18	56	93	85	84	81
Max.	69	81	123	90	89	89
Min.	0	27	62	78	74	65
A.F.	1100	3460	5510	5250	5160	4830
Water diverted	25310 A.F.					
	Acreage reported D-722 5945					

KIMBALL CANAL from Lodgepole
Creek and Oliver Reservoir
Measured through section of canal—
Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	31	37	12
2	0	0	30	39	12
3	0	0	28	39	12
4	0	0	28	36	5
5	0	0	31	35	0
6	0	0	16	40	0
7	0	0	17	39	0
8	0	0	36	39	0
9	0	0	29	39	0
10	0	38	25	8	0
11	0	25	28	35	0
12	0	34	28	40	0
13	0	44	32	40	0
14	0	45	0	40	0
15	0	46	0	36	0
16	0	46	0	36	0
17	0	41	0	34	0
18	0	13	0	34	0
19	0	48	0	33	0
20	0	54	0	32	0
21	0	54	0	32	0
22	0	54	0	34	0
23	0	19	0	32	0
24	0	51	0	32	0
25	0	53	0	31	0
26	0	51	39	32	0
27	0	27	38	32	0
28	0	28	36	32	0
29	0	28	40	22	0
30	0	28	36	24	0
31	0	36	22	—	—
Mean	0	28	19	33	1
Max.	0	54	40	40	12
Min.	0	0	0	8	5
A.F.	0	1640	1160	2050	80
Water diverted	4930 A.F.				
	Acreage reported A-897 4500				

DAILY DIVERSIONS OF CANALS—1952

LAST CHANCE CANAL from
Pumpkinseed Creek—Measured
through rating flume—
Sec. 27-19-50 W.

Day	May	June	July	Aug.	Sept.
1	0	8	9	7	7
2	0	8	9	7	7
3	0	10	9	7	7
4	0	10	9	7	7
5	0	10	9	6	7
6	0	10	9	7	7
7	0	11	10	7	7
8	0	9	10	7	7
9	0	9	13	7	7
10	0	8	11	7	7
11	0	7	9	7	7
12	0	8	9	7	6
13	0	8	9	7	6
14	0	8	10	6	6
15	0	8	10	7	7
16	0	8	8	6	6
17	0	8	7	6	6
18	0	9	7	6	6
19	0	9	8	6	6
20	0	8	11	7	7
21	0	9	9	7	6
22	0	9	7	7	6
23	0	9	7	7	6
24	0	9	6	7	6
25	0	9	6	7	6
26	1	9	6	7	6
27	1	9	7	6	6
28	4	9	7	6	5
29	6	9	7	5	5
30	1	9	7	4	5
31	8	7	6	7	6
Mean	1	9	8	7	7
Max.	8	11	13	7	7
Min.	0	7	6	4	5
A.F.	40	520	400	380	380
Water diverted					
1860 A.F.					
Acreage reported					
D-883					442

LISCO CANAL from North Platte
River—Measured over weir—
Sec. 24-18-47 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	10	0	6	21	39	30
2	11	0	16	24	39	25
3	22	0	34	23	38	21
4	22	0	36	22	33	21
5	16	0	36	27	33	17
6	5	0	29	29	42	17
7	6	0	22	29	46	15
8	7	0	22	27	41	18
9	9	0	23	23	30	30
10	10	0	22	21	34	30
11	11	0	22	25	35	25
12	11	0	36	30	36	24
13	7	0	35	33	36	21
14	6	0	34	30	36	16
15	2	0	34	33	34	16
16	9	0	39	25	33	18
17	11	0	36	19	29	18
18	3	0	27	15	22	19
19	0	6	20	19	21	20
20	0	4	25	23	21	20
21	0	6	46	24	25	18
22	0	6	46	31	27	17
23	0	6	52	31	27	14
24	0	7	55	29	29	8
25	0	17	52	33	30	9
26	0	15	36	38	31	11
27	0	27	42	38	31	14
28	0	16	43	38	33	17
29	0	16	33	42	33	22
30	0	20	22	42	45	22
31	0	6	41	31	31	19
Mean	6	5	33	29	33	30
Max.	22	27	55	42	46	30
Min.	0	0	3	15	21	8
A.F.	350	300	1950	1760	2030	1140
Water diverted						
7530 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
flume—Sec. 29-17-44 W.

Day	May	June	July	Aug.	Sept.
1	3	0	8	8	11
2	3	0	6	10	12
3	3	0	3	10	9
4	3	0	3	10	9
5	5	0	2	10	8
6	5	0	3	11	8
7	5	0	12	13	8
8	6	17	13	14	8
9	5	19	10	17	9
10	5	19	9	19	8
11	5	13	7	21	8
12	5	18	5	21	7
13	5	18	3	16	9
14	6	22	5	17	7
15	5	25	2	15	5
16	6	21	2	11	5
17	6	20	1	12	4
18	5	19	0	13	3
19	5	17	2	14	2
20	5	16	4	14	2
21	5	17	8	15	1
22	5	18	14	13	1
23	5	19	13	11	1
24	5	19	10	12	1
25	3	17	8	14	0
26	0	21	6	13	1
27	0	13	5	13	1
28	0	15	5	11	3
29	0	9	6	12	7
30	0	9	6	14	11
31	0	6	8	10	—
Mean	4	14	6	13	6
Max.	6	25	14	21	12
Min.	0	0	0	8	0
A.F.	240	810	380	820	340
Water diverted					
2590 A.F.					
Acreage reported					
D-803					966

McINTOSH CANAL from Lodgepole
Creek—Measured through rating
flume—Sec. 23-15-55 W.

Day	May	June	July	Aug.	Sept.
1	4	5	0	0	4
2	3	4	0	0	4
3	3	4	0	0	4
4	3	4	0	2	4
5	3	4	0	2	4
6	3	4	0	2	4
7	3	4	0	3	4
8	3	4	0	3	4
9	3	3	0	2	4
10	3	2	0	2	4
11	3	2	0	2	4
12	4	2	0	2	4
13	4	2	0	2	3
14	4	2	0	2	3
15	4	2	0	2	3
16	4	3	0	2	2
17	4	3	0	2	2
18	4	3	0	2	2
19	5	3	0	2	2
20	5	3	0	2	2
21	5	2	0	2	2
22	4	1	0	2	4
23	4	2	0	2	2
24	4	3	0	2	2
25	4	3	0	2	5
26	4	3	0	2	2
27	4	2	0	2	2
28	4	1	0	3	2
29	4	1	0	2	2
30	4	0	0	3	0
31	4	0	0	4	—
Mean	4	3	0	2	3
Max.	5	5	0	4	5
Min.	3	0	0	0	2
A.F.	230	160	0	120	180
Water diverted					
690 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	19	0	31	33	26	33
2	19	0	28	46	26	40
3	19	0	20	36	22	56
4	20	0	16	35	24	52
5	20	0	14	26	40	49
6	21	0	26	25	43	44
7	16	0	27	26	45	40
8	17	14	22	28	43	40
9	17	26	29	33	41	38
10	17	30	41	30	40	37
11	17	29	41	27	43	40
12	17	24	40	32	47	39
13	17	20	43	35	46	41
14	20	17	52	43	34	42
15	17	19	40	35	33	46
16	0	25	33	30	34	47
17	0	21	33	14	33	45
18	0	26	32	23	35	38
19	0	22	31	34	31	36
20	0	17	32	26	26	35
21	0	17	33	25	29	35
22	0	19	31	23	37	35
23	0	11	36	22	38	36
24	0	3	32	24	43	37
25	0	4	27	26	38	37
26	0	2	27	27	35	38
27	0	10	29	26	31	35
28	0	40	28	26	35	33
29	0	35	27	28	51	34
30	0	30	28	30	43	32
31	0	27	...	26	38	...
Mean	9	16	31	29	36	40
Max.	21	40	52	46	51	56
Min.	0	0	14	14	22	32
A.F.	540	970	1840	1790	2240	2360
Water diverted	9740	A.F.	...	...	...	...
Acreage reported	...	...	D-4, 7, 8, 9	...	...	2930

MEREDITH-AMMER CANAL From Pumpkinseed Creek—Measured through rating flume—Sec. 23-19-80 W.

Day	May	June	July	Aug.	Sept.
1	0	12	8	8	5
2	0	12	8	8	5
3	0	7	7	9	5
4	0	7	7	9	6
5	0	7	7	8	6
6	0	8	7	8	6
7	0	9	7	8	5
8	0	8	6	7	4
9	0	8	5	7	4
10	0	8	6	7	5
11	0	8	6	7	4
12	0	7	6	7	3
13	0	7	6	8	3
14	0	11	6	8	3
15	0	7	6	8	4
16	0	7	6	8	4
17	0	7	5	5	3
18	0	8	9	5	3
19	3	8	10	5	3
20	5	8	9	6	2
21	6	8	9	6	2
22	7	7	10	6	2
23	7	7	9	6	2
24	8	7	8	6	2
25	8	8	8	6	2
26	9	9	8	6	2
27	9	9	8	6	3
28	10	8	8	5	3
29	11	8	8	5	4
30	12	8	8	5	4
31	12	...	8	5	...
Mean	3	8	7	7	4
Max.	11	12	10	9	6
Min.	0	7	5	5	2
A.F.	210	480	450	410	220
Water diverted	1770	A.F.	...	...	...
Acreage reported	...	...	D-876	...	568
	...	...	*D-828	...	144
Total	...	...	...	...	712

*Belmont appropriation carried by Meredith-Ammer for lands west of Pumpkinseed Creek.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 1 From Middle Loup River—Measured through rating flume—Sec. 14-19-18 W.

Day	May	June	July	Aug.	Sept.
1	0	18	33	47	38
2	0	19	33	46	38
3	0	18	36	31	36
4	0	21	34	16	33
5	0	22	36	34	34
6	0	26	38	48	35
7	0	29	41	44	36
8	0	30	36	44	35
9	0	27	37	41	30
10	0	26	39	36	33
11	0	32	35	42	37
12	0	36	37	41	40
13	0	37	39	39	40
14	0	37	39	37	40
15	0	36	36	38	27
16	0	35	34	37	43
17	0	35	33	28	33
18	0	34	36	35	36
19	0	36	39	38	34
20	0	42	39	39	32
21	0	42	40	40	33
22	0	40	39	40	32
23	0	38	40	36	24
24	0	39	37	36	24
25	0	40	36	38	23
26	0	38	37	37	22
27	0	39	42	38	22
28	7	37	44	40	21
29	13	33	44	40	21
30	13	36	46	41	21
31	16	...	45	41	...
Mean	2	33	38	38	32
Max.	16	42	46	48	43
Min.	0	18	33	16	21
A.F.	100	1950	2340	2360	1890
Water diverted	8640	A.F.	...	...	...
Acreage reported	...	...	A-2293	...	3124
	...	...	A-2678	...	82
Total	...	...	...	...	3206

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 2 From Middle Loup River—Measured through rating flume—Sec. 14-19-18 W.

Day	May	June	July	Aug.	Sept.
1	0	8	41	64	47
2	0	7	40	63	49
3	0	15	44	64	46
4	0	30	41	59	44
5	0	30	44	58	42
6	0	21	48	58	41
7	0	22	56	56	43
8	0	27	58	58	42
9	0	25	56	56	46
10	0	24	56	45	54
11	0	33	61	52	52
12	0	38	66	54	44
13	0	40	68	46	43
14	0	41	39	40	48
15	0	44	56	40	46
16	0	46	53	39	44
17	0	42	53	38	45
18	0	38	53	37	42
19	0	37	50	42	33
20	0	57	50	44	32
21	0	56	56	46	32
22	24	50	58	48	34
23	14	46	54	47	33
24	12	48	54	46	32
25	14	42	53	48	32
26	18	40	54	47	31
27	16	44	58	46	32
28	15	43	62	46	32
29	20	35	66	46	25
30	11	42	65	48	21
31	14	...	63	48	...
Mean	5	36	54	49	40
Max.	24	57	68	64	54
Min.	0	7	39	37	21
A.F.	340	2120	3320	3030	2350
Water diverted	11180	A.F.	...	...	...
Acreage reported	...	...	A-2293	...	2715
	...	...	A-2678	...	189
Total	...	...	...	...	2904

DAILY DIVERSIONS OF CANALS—1952

MIDDLE LOUP PUBLIC POWER
AND IRRIGATION DISTRICT
CANAL NO. 3 From Middle Loup
River—Measured through rating
flume—Sec. 6-17-16 W.

Day	May	June	July	Aug.	Sept.
1	0	32	74	86	57
2	0	37	73	99	60
3	0	42	84	117	56
4	0	49	54	115	54
5	0	62	52	96	56
6	0	41	58	94	59
7	0	35	64	87	60
8	0	37	52	84	58
9	0	34	49	86	56
10	0	27	42	80	54
11	0	31	44	79	57
12	0	42	47	84	60
13	0	62	44	86	62
14	0	73	64	77	56
15	0	76	60	72	49
16	0	86	40	71	47
17	0	83	37	80	47
18	0	77	34	78	47
19	0	74	33	62	48
20	13	84	34	70	47
21	38	82	51	79	48
22	45	73	67	82	49
23	38	72	68	81	47
24	35	73	63	72	42
25	33	76	60	72	50
26	33	72	66	73	40
27	51	78	79	73	37
28	38	78	89	81	47
29	25	74	94	77	54
30	22	81	90	79	60
31	26	...	82	66	...
Mean	13	61	59	82	52
Max.	51	86	94	117	62
Min.	0	27	33	62	37
A.F.	790	3660	3630	5030	3100
Water diverted					
16210 A.F.					
Acreage reported					
A-2293					6652
A-2678					217
Total					6869

MIDDLE LOUP PUBLIC POWER
AND IRRIGATION DISTRICT
CANAL NO. 4 From Middle Loup
River—Measured through rating
flume—Sec. 31-18-16 W.

Day	May	June	July	Aug.	Sept.
1	0	17	73	95	61
2	0	32	84	97	58
3	0	41	80	103	56
4	0	54	78	106	54
5	0	62	76	91	52
6	0	61	79	92	52
7	0	57	86	90	53
8	0	61	88	80	52
9	0	61	88	79	45
10	0	57	80	77	44
11	0	56	77	79	48
12	0	62	76	80	48
13	0	68	73	72	48
14	0	62	76	68	60
15	0	61	60	63	58
16	0	71	52	57	56
17	0	72	50	59	54
18	0	74	50	58	55
19	0	78	62	58	52
20	0	82	74	56	45
21	0	88	78	58	44
22	0	81	80	62	42
23	0	80	80	73	32
24	0	82	80	76	32
25	0	84	82	75	30
26	0	82	89	73	40
27	0	87	92	67	45
28	0	90	94	66	36
29	0	91	96	65	35
30	0	87	94	66	17
31	0	...	94	66	...
Mean	0	68	78	74	47
Max.	0	91	96	106	61
Min.	0	17	50	56	17
A.F.	0	4050	4800	4580	2780
Water diverted					
16210 A.F.					
Acreage reported					
A-2293					7102
A-2678					188
Total					7290

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1952

	May	June	July	Aug.	Sept.	Total
Diversion:						
Canal No. 1	100	1950	2340	2360	1890	8640
Canal No. 2	340	2120	3320	3030	2350	11160
Canal No. 3	790	3660	3630	5030	3100	16210
Canal No. 4	0	4050	4800	4580	2780	16210
Total diversion	1230	11780	14090	15000	10120	52220

DAILY DIVERSIONS OF CANALS—1952

MIDLAND-OVERLAND CANAL
From North Platte River
Measured through Parshall flume—
Sec. 2-16-44 W.

Day	May	June	July	Aug.	Sept.
1	0	0	22	31	19
2	0	0	19	31	18
3	0	0	17	30	18
4	0	0	24	29	18
5	0	0	22	37	18
6	0	0	18	24	18
7	0	0	14	24	17
8	0	0	15	23	11
9	0	0	12	21	8
10	0	0	14	18	7
11	0	0	14	18	4
12	0	0	19	18	5
13	0	0	17	19	4
14	0	0	17	13	4
15	0	0	14	11	4
16	0	0	8	11	4
17	0	0	8	13	5
18	0	14	6	15	5
19	0	14	14	13	4
20	0	19	14	9	4
21	0	22	14	6	5
22	0	22	7	3	4
23	0	24	8	4	4
24	0	24	7	4	4
25	0	24	7	4	3
26	0	0	6	5	2
27	0	0	6	4	2
28	0	0	6	4	2
29	0	19	12	10	2
30	0	31	30	20	2
31	0	0	29	20	2
Mean	0	8	14	16	8
Max.	0	31	30	37	19
Min.	0	0	6	3	2
A.F.	0	420	870	980	450
Water diverted					
2720 A.F.					
Acreeage reported					
D-789					1000
D-791					951
O.D. A-1742					97
D-800					97
Total					2048

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	100	152	180
2	0	150	100	152	168
3	0	150	100	153	162
4	0	173	100	152	158
5	0	194	100	151	158
6	0	194	100	151	161
7	75	194	100	151	150
8	83	194	194	151	150
9	84	194	194	151	150
10	85	194	194	152	151
11	83	215	194	153	150
12	84	194	194	150	150
13	82	194	197	151	150
14	111	194	195	150	150
15	170	194	194	150	150
16	171	194	194	150	150
17	159	194	194	151	150
18	165	195	196	152	150
19	169	194	196	150	150
20	175	194	194	153	150
21	180	194	195	154	150
22	150	194	195	175	150
23	146	194	194	175	150
24	144	194	194	175	150
25	149	215	196	175	150
26	150	194	185	175	150
27	150	162	196	175	59
28	150	89	194	175	0
29	150	88	194	182	0
30	150	89	156	179	0
31	150	0	151	179	0
Mean	109	179	171	160	135
Max.	180	215	197	182	180
Min.	0	88	100	150	0
A.F.	6670	10640	10490	9810	8030
Water diverted					
45840 A.F.					
Acreeage reported					
D-1052					13601

MINATARE CANAL From North
Platte River—Measured through
rating flume—Sec. 32-22-54 W.

Day	May	June	July	Aug.	Sept.
1	42	48	12	88	70
2	0	47	36	86	86
3	10	44	75	80	68
4	9	38	86	85	61
5	9	34	86	92	66
6	33	50	85	55	66
7	35	65	82	0	65
8	29	61	87	0	68
9	27	58	93	0	68
10	26	86	97	0	70
11	25	100	103	63	70
12	36	104	103	95	70
13	39	89	107	96	72
14	42	91	109	96	61
15	57	84	105	96	50
16	74	89	104	98	48
17	80	101	100	97	47
18	73	113	100	97	47
19	68	113	102	96	44
20	61	122	103	96	44
21	61	135	100	93	41
22	56	99	99	93	41
23	48	110	99	96	45
24	48	97	96	95	47
25	44	89	95	94	48
26	43	65	94	91	50
27	36	11	94	91	54
28	36	8	91	81	56
29	39	9	89	69	63
30	44	10	89	72	66
31	47	0	89	73	0
Mean	41	72	91	76	58
Max.	80	135	109	98	72
Min.	0	8	12	0	41
A.F.	2530	4300	5570	4690	3440
Water diverted					
20530 A.F.					
Acreeage reported					
D-919					7689
*Does not include optional diversion acreage.					

MIRAGE FLATS CANAL From Niobrara River and Box Butte Reservoir
Measured through Parshall flume—
Sec. 28-29-48 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	7	0	0	44	148	125
2	0	0	0	43	143	123
3	0	0	0	42	141	112
4	0	0	0	42	145	111
5	0	0	0	43	145	99
6	0	0	0	44	139	99
7	0	0	0	67	138	99
8	0	34	0	80	137	96
9	0	14	0	99	122	91
10	0	0	0	127	123	87
11	0	0	20	153	123	87
12	0	0	63	160	107	87
13	0	8	67	160	91	77
14	0	25	103	159	80	73
15	0	34	110	159	79	63
16	0	34	176	159	69	61
17	0	23	175	159	70	62
18	0	0	176	158	70	64
19	0	0	175	156	80	72
20	0	0	128	156	95	76
21	0	0	0	159	100	76
22	0	0	0	164	100	75
23	0	0	102	164	100	73
24	0	0	112	167	102	74
25	0	0	113	168	111	75
26	0	0	94	168	117	75
27	0	0	71	168	125	74
28	0	0	64	168	125	74
29	0	0	62	167	124	53
30	0	0	59	164	124	53
31	0	0	0	138	125	0
Mean	0	53	63	129	113	82
Max.	7	34	176	168	148	125
Min.	0	0	0	42	69	53
A.F.	10	330	3720	7940	6940	4890
Water diverted						
23830 A.F.						
Acreeage 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	32	0	68	52	46	83
2	28	0	66	48	47	79
3	27	0	70	61	45	40
4	25	0	73	66	53	26
5	24	0	65	75	69	61
6	7	0	77	88	64	56
7	0	0	85	79	83	56
8	0	0	81	68	88	59
9	0	32	80	61	82	56
10	0	31	80	48	76	55
11	0	22	79	35	74	55
12	0	20	78	34	74	57
13	0	47	82	31	76	62
14	0	34	88	62	71	58
15	0	53	83	72	63	51
16	0	14	76	69	57	48
17	0	55	77	52	58	51
18	0	74	88	37	61	58
19	0	55	81	46	58	57
20	0	46	76	67	53	57
21	0	52	68	65	51	58
22	0	32	55	56	50	58
23	0	37	58	51	61	58
24	0	47	54	42	76	59
25	0	54	53	38	81	61
26	0	58	46	43	81	61
27	0	52	42	55	82	61
28	0	65	64	58	82	62
29	0	75	65	55	89	68
30	0	76	59	51	80	66
31	0	65	—	50	73	—
Mean	5	35	71	55	68	58
Max.	32	76	88	88	89	83
Min.	0	0	42	31	45	26
A.F.	280	2170	4200	3400	4170	3450

Water diverted	Acres reported
17670 A.F.	D-925 5618
	O.D. Petition 71
	262
	Total 5689

NORTH LOUP RIVER PUBLIC
POWER AND IRRIGATION DIS-
TRICT—TAYLOR-ORD CANAL from
North Loup River—Measured through
rating flume—Sec. 20-21-18 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	62	104	204	148
2	0	0	58	117	204	137
3	0	0	61	120	188	141
4	0	0	59	139	180	124
5	0	0	54	144	173	114
6	0	0	67	158	168	114
7	0	0	72	157	145	113
8	0	0	73	173	128	117
9	0	0	71	182	105	114
10	0	0	77	193	105	117
11	0	0	100	200	94	122
12	0	0	96	200	92	111
13	0	0	106	199	74	110
14	8	28	132	180	64	104
15	23	67	133	188	62	99
16	2	65	136	198	70	104
17	0	37	143	200	37	105
18	0	40	157	198	88	105
19	0	39	158	200	96	117
20	0	43	155	202	101	132
21	0	46	135	202	99	146
22	0	39	117	204	94	140
23	0	40	115	203	97	129
24	0	58	108	204	96	130
25	0	60	101	203	97	132
26	0	59	108	205	109	123
27	0	59	78	207	128	128
28	0	57	57	208	138	128
29	0	58	64	209	136	130
30	0	49	87	206	141	131
31	0	58	—	206	152	—
Mean	1	29	98	184	120	122
Max.	23	67	158	209	204	148
Min.	0	0	54	104	62	99
A.F.	70	1790	5830	11320	7370	7270

Water diverted	Acres reported
33650 A.F.	A-2312 14238
	A-2417R 80
	A-3621 32
	A-3839 6
	A-3846 59
	A-4207 62
	A-4400 29
	Total 14506

NORTH LOUP RIVER PUBLIC
POWER AND IRRIGATION DIS-
TRICT BURWELL-SUMTER CAN-
AL from North Loup River—
Measured through rating flume—
Sec. 19-21-15 W.

Day	May	June	July	Aug.	Sept.
1	0	49	45	104	98
2	0	49	46	103	106
3	0	50	48	104	99
4	0	49	57	82	54
5	0	48	62	82	41
6	0	45	67	68	41
7	0	45	72	81	42
8	0	43	71	70	34
9	0	41	90	60	35
10	0	42	107	58	36
11	0	42	77	47	36
12	0	44	89	46	37
13	0	55	88	44	39
14	0	67	76	35	38
15	0	82	90	29	37
16	0	80	89	28	33
17	2	83	93	29	25
18	5	94	99	28	27
19	57	95	107	28	29
20	51	96	108	28	30
21	50	79	114	29	29
22	42	69	110	30	22
23	41	69	106	31	24
24	51	64	107	35	23
25	51	58	103	37	22
26	50	58	101	41	22
27	50	44	102	61	22
28	45	29	105	83	22
29	46	33	108	80	22
30	42	37	105	88	21
31	47	—	103	98	—
Mean	20	58	89	57	38
Max.	57	96	114	104	106
Min.	0	29	45	28	21
A.F.	1250	3450	5450	3500	2270
Water diverted	Acreage reported				
15920 A.F.	A-2312				7131
	A-3772				75
Total					7206

NORTH LOUP RIVER PUBLIC
POWER AND IRRIGATION DIS-
TRICT ORD-NORTH LOUP CAN-
NAL From North Loup River—
Measured through rating flume—
Sec. 36-19-14 W.

Day	May	June	July	Aug.	Sept.
1	0	39	32	93	49
2	0	40	32	95	49
3	0	38	34	84	41
4	0	40	38	86	35
5	0	39	42	87	27
6	0	37	45	83	22
7	0	37	40	84	21
8	0	33	38	77	21
8	0	31	49	74	22
10	0	31	56	67	21
11	0	34	62	65	21
12	0	36	68	61	22
13	0	42	68	56	22
14	0	52	62	55	22
15	0	65	72	53	22
16	34	67	76	54	21
17	42	75	70	53	21
18	34	75	82	53	21
19	32	78	86	52	23
20	34	74	87	54	25
21	34	67	87	61	26
22	29	57	86	62	27
23	31	57	85	62	27
24	38	58	88	62	28
25	38	56	89	64	30
26	38	54	88	68	31
27	38	32	88	71	32
28	38	18	88	69	35
29	38	23	89	59	35
30	35	28	90	56	33
31	38	—	94	48	—
Mean	18	47	68	67	28
Max.	42	78	94	95	49
Min.	0	18	32	52	21
A.F.	1130	2800	4190	4100	1650
Water diverted	Acreage reported				
13870 A.F.	A-2312				6596

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet—1952

	Oct.	May	June	July	Aug.	Sept.	Total
Diversion:							
Taylor-Ord	70	1790	5830	11320	7370	7270	33650
Burwell-Sumter	0	1250	3450	5450	3500	2270	15920
Ord-North Loup	0	1130	2800	4190	4100	1650	13870
Total diversion	70	4170	12080	20960	14970	11190	63440

NORTH PLATTE CANAL From North Platte River—Measured through rating flume—Sec. 18-14-33 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	80	26	0	0	220	234	176
2	99	26	0	20	215	253	180
3	120	26	0	72	215	248	174
4	118	25	0	88	214	242	178
5	110	16	0	159	214	236	171
6	86	0	0	214	217	219	176
7	55	0	0	178	217	195	168
8	64	0	0	188	217	166	163
9	62	0	0	197	210	136	186
10	58	0	0	166	217	143	146
11	54	0	0	210	229	152	141
12	54	0	0	264	255	149	144
13	57	0	0	260	253	131	139
14	57	0	0	265	244	123	125
15	55	0	0	269	231	131	127
16	55	0	0	262	217	136	122
17	52	0	0	269	215	138	111
18	54	0	0	287	208	141	149
19	52	0	0	285	207	161	214
20	44	0	0	253	200	190	174
21	38	0	0	251	193	219	123
22	30	0	0	246	203	241	96
23	26	0	0	239	232	255	109
24	44	0	0	244	229	260	127
25	38	0	0	239	236	258	139
26	39	0	0	217	239	260	146
27	39	0	0	234	229	274	151
28	33	0	0	244	239	255	144
29	23	0	0	241	236	248	136
30	23	0	0	220	237	242	149
31	23	0	0	0	234	200	.....
Mean	56	4	0	208	223	201	149
Max.	120	26	0	269	255	274	214
Min.	23	0	0	0	167	123	96
A.F.	3460	240	0	12370	13730	12370	8890
Water diverted				Acreage reported			
51060 A.F.				D-635 14067			

NORTHPORT CANAL From North Platte River and Pathfinder Reservoir—Measured at Tri-State Head-gate—Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	0	0	11	137	103
2	0	0	44	136	65
3	0	0	41	130	47
4	0	0	126	157	31
5	0	45	90	148	19
6	0	117	94	127	7
7	0	95	122	127	13
8	0	80	110	116	0
9	0	80	70	114	0
10	0	75	161	109	0
11	0	75	163	106	0
12	0	73	161	85	0
13	15	75	168	92	91
14	0	74	167	92	94
15	0	67	158	72	60
16	0	71	158	52	44
17	0	71	158	84	14
18	0	71	155	96	0
19	0	67	162	96	0
20	0	65	188	104	0
21	0	68	189	106	0
22	0	0	168	106	0
23	0	0	141	103	0
24	0	0	139	105	0
25	0	0	135	100	0
26	0	0	134	109	0
27	0	0	137	111	0
28	0	0	142	97	0
29	0	0	137	93	0
30	0	0	142	96	0
31	0	0	138	96	0
Mean	1	42	133	107	20
Max.	15	117	189	157	103
Min.	0	0	11	52	0
A.F.	30	2520	8150	6550	1170
Water diverted	18420 A.F.				

NORTHPORT CANAL From Drains entering Tri-state Canal

Day	May	June	July	Aug.	Sept.
1	31	35	121	218	252
2	20	33	166	219	234
3	21	31	189	225	270
4	21	31	188	198	270
5	21	34	190	207	268
6	21	113	189	228	267
7	21	145	191	228	269
8	22	150	191	239	266
9	22	150	191	241	261
10	22	155	194	246	265
11	23	155	192	249	262
12	23	157	194	270	261
13	40	155	187	263	264
14	100	156	188	256	261
15	127	163	197	251	260
16	85	159	197	255	260
17	36	159	197	253	262
18	123	159	200	249	260
19	128	163	193	246	260
20	121	165	167	246	261
21	34	162	166	249	263
22	30	50	187	249	264
23	34	62	214	252	267
24	34	67	216	250	269
25	34	48	220	255	266
26	34	44	221	246	269
27	35	48	218	244	261
28	36	46	213	256	218
29	36	44	218	262	116
30	37	41	213	257	62
31	34	0	217	259	0
Mean	45	103	195	244	250
Max.	128	165	221	270	270
Min.	20	31	121	198	62
A.F.	2790	6110	11990	15010	14850
Water diverted	50750 A.F.				

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet—1952

	Section Township Range	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	10-23-58	30	2520	8150	6550	1170	18420
*Sheep Creek	17-23-57	860	2840	6840	8260	8360	27160
*Akers Draw	12-23-57	730	830	1020	1240	1050	4870
*Tub Springs	27-23-55	220	1240	2230	2910	2600	9200
*Spotted Tail, Dry	9-23-56	0	0	0	0	0	0
*Spotted Tail, Wet.....	10-23-56	980	1200	1900	2600	2840	9520
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		2820	8630	20140	21560	16020	69170
							Acreage reported
							A-768 16109 A.F.

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	May	June	July	Aug.	Sept.
1	0	5	62	85	32
2	0	5	63	84	33
3	0	5	68	78	29
4	0	5	70	78	27
5	0	7	69	79	27
6	0	10	72	77	26
7	0	15	73	68	25
8	0	11	71	61	23
9	0	12	68	54	22
10	0	17	72	52	20
11	0	28	69	48	17
12	0	32	75	40	16
13	4	32	79	38	16
14	5	33	51	35	15
15	6	32	54	34	14
16	7	24	55	35	14
17	8	21	55	34	13
18	16	20	51	35	12
19	7	30	52	36	11
20	2	37	48	28	8
21	6	35	35	25	7
22	16	35	38	25	7
23	13	35	44	34	7
24	12	33	51	35	8
25	9	32	55	34	9
26	8	33	58	35	13
27	9	37	58	37	14
28	0	40	68	37	15
29	0	41	74	37	15
30	0	51	78	35	0
31	0		79	34	
Mean	4	25	62	47	16
Max.	16	51	79	85	33
Min.	0	5	35	25	0
A.F.	250	1490	3800	2870	980
Water diverted	Acreage reported				
9390 A.F.	D-627		5950		

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	1	15	7
2	10	0	0	1	15	8
3	10	0	0	1	15	9
4	11	0	0	1	14	8
5	5	0	0	1	15	9
6	0	0	0	0	16	11
7	0	0	0	0	21	11
8	0	0	0	0	21	11
9	0	0	0	0	23	11
10	0	0	0	1	23	12
11	0	0	0	0	22	13
12	0	0	0	8	23	14
13	0	0	8	23	17	11
14	0	0	8	20	16	7
15	0	0	8	19	14	5
16	0	0	10	9	14	5
17	0	0	10	9	13	5
18	0	0	9	10	12	5
19	0	0	2	13	11	4
20	0	0	3	14	9	5
21	0	0	10	17	9	4
22	0	0	11	18	10	5
23	0	0	15	18	12	6
24	0	0	34	15	12	6
25	0	0	11	13	13	6
26	0	0	5	14	13	4
27	0	0	1	18	13	4
28	0	0	1	17	14	6
29	0	0	1	18	15	8
30	0	0	1	16	12	8
31	0	0		16	8	
Mean	2	0	5	10	15	8
Max.	11	0	34	23	23	14
Min.	0	0	0	0	8	4
A.F.	90	0	300	620	910	450
Water diverted	Acreage reported					
2370 A.F.	D-797		1728			

DAILY DIVERSIONS OF CANALS—1952

OWASCO CANAL From Lodgepole
Creek—Measured through rating
flume—Sec. 29-15-55 W.

Day	May	June	July	Aug.	Sept.
1	0	8	7	6	4
2	0	8	7	6	4
3	0	8	6	5	3
4	0	6	6	5	3
5	0	3	6	2	2
6	7	3	3	1	1
7	7	3	6	1	2
8	7	1	2	4	3
9	5	1	5	5	3
10	5	2	5	4	3
11	6	2	4	4	4
12	4	3	4	4	4
13	4	2	3	4	6
14	3	1	0	5	6
15	5	2	0	4	6
16	7	3	3	3	6
17	7	3	2	3	4
18	7	3	1	4	4
19	2	3	3	4	4
20	2	3	3	2	4
21	2	3	3	2	6
22	3	4	3	2	5
23	3	4	2	3	6
24	3	3	3	3	6
25	3	3	2	4	5
26	3	8	1	4	5
27	3	8	0	4	5
28	8	7	0	5	4
29	8	8	4	5	4
30	9	7	4	5	0
31	9	4	7	4	0
Mean	4	4	4	4	4
Max.	9	8	7	6	6
Min.	0	1	0	1	1
A.F.	280	250	220	220	240
Water diverted					
1210 A.F.					
Acres reported					
D-347R					83
A-725					689
Total					772

PAXTON-HERSHEY CANAL from
North Platte River—Measured
through Parshall flume—Sec.
18-14-33 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	34	0	0	106	100	72
2	41	0	0	103	98	80
3	42	0	0	104	77	80
4	37	0	0	104	70	75
5	36	0	5	99	59	70
6	31	0	53	101	51	70
7	7	0	27	102	34	70
8	0	0	45	100	21	60
9	0	0	74	97	18	68
10	0	0	95	98	41	69
11	0	0	92	104	35	65
12	0	0	97	105	30	65
13	0	0	74	109	24	60
14	0	0	41	108	24	49
15	0	0	81	102	15	56
16	0	0	103	87	0	51
17	7	0	115	87	46	54
18	16	0	122	87	42	47
19	15	0	121	76	45	42
20	15	0	124	70	49	52
21	16	0	125	53	52	60
22	21	0	124	10	75	61
23	10	0	122	0	93	57
24	0	0	125	59	99	56
25	0	0	119	90	101	56
26	0	0	113	94	100	53
27	0	0	111	107	109	47
28	0	0	112	108	102	41
29	0	0	109	109	97	52
30	0	0	106	109	93	25
31	0	0	107	107	75	25
Mean	11	0	81	90	60	59
Max.	42	0	125	109	109	80
Min.	0	0	0	0	0	25
A.F.	650	0	4830	5540	3720	3500
Water diverted						
18240 A.F.						
Acres reported						
D-653						7358
Total						7358

PAISLEY CANAL From Blue
Creek—Measured through rating
flume—Sec. 6-16-42 W.

Day	May	June	July	Aug.	Sept.
1	0	0	12	0	15
2	0	0	13	4	15
3	0	0	11	6	13
4	0	0	2	5	12
5	0	0	18	13	12
6	0	0	26	13	12
7	0	0	22	13	11
8	0	0	25	13	11
9	0	9	12	0	11
10	0	17	4	17	0
11	0	22	9	20	0
12	0	13	20	20	11
13	0	20	17	19	18
14	0	28	17	18	18
15	0	28	19	13	15
16	0	28	19	0	17
17	0	28	18	0	17
18	0	27	18	12	16
19	0	25	19	12	16
20	0	24	20	10	15
21	0	28	22	10	15
22	0	27	26	9	14
23	0	18	29	8	13
24	0	17	26	6	13
25	0	17	23	5	12
26	0	17	20	5	12
27	0	12	17	4	11
28	0	11	15	8	11
29	0	15	14	8	11
30	0	12	13	12	10
31	0	1	13	10	13
Mean	0	15	17	10	13
Max.	0	29	29	20	19
Min.	0	0	1	0	0
A.F.	0	870	1050	590	750
Water diverted					
3260 A.F.					
Acres reported					
D-800					815
A-515					95
A-1738					190
Total					1100

RAMSHORN CANAL from North
Platte River—Measured through
rating flume—Sec. 19-23-57 W.

Day	May	June	July	Aug.	Sept.
1	0	10	2	22	15
2	0	10	3	20	14
3	0	10	14	22	11
4	0	11	15	23	11
5	0	11	14	23	10
6	0	11	16	21	10
7	0	10	16	19	10
8	0	10	16	19	10
9	0	11	16	15	7
10	0	10	17	13	8
11	0	10	17	12	10
12	0	11	19	11	12
13	0	9	20	12	13
14	0	9	20	12	14
15	0	9	21	13	15
16	5	9	22	13	17
17	5	10	22	14	14
18	15	12	22	14	11
19	17	12	25	14	9
20	16	13	20	14	7
21	16	14	9	14	6
22	10	17	4	17	5
23	7	14	21	18	4
24	9	8	22	17	4
25	9	8	22	17	7
26	9	6	23	17	6
27	9	10	23	16	6
28	9	7	23	15	6
29	9	4	23	15	6
30	9	2	23	15	6
31	10	2	24	15	6
Mean	5	10	18	16	9
Max.	17	17	25	23	17
Min.	0	2	2	11	4
A.F.	330	590	1100	1000	560
Water diverted					
3580 A.F.					
Acres reported					
D-945					1652
D-918R					185
Total					1837

DAILY DIVERSIONS OF CANALS—1952

677

RUTNER CANAL (New) From
Lodgepole Creek—Measured
through rating flume—Sec.
36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	1	0	2	1	0
2	0	0	0	0	0
3	0	0	1	1	0
4	0	3	1	1	0
5	0	3	1	1	2
6	0	3	1	1	2
7	0	3	1	1	1
8	0	3	2	1	1
9	3	3	1	1	1
10	4	3	1	1	2
11	1	3	2	1	1
12	3	3	2	1	2
13	3	3	1	1	3
14	3	3	0	1	3
15	2	3	0	1	3
16	3	2	0	1	3
17	0	2	1	1	2
18	0	2	3	1	2
19	0	2	1	1	2
20	0	2	1	1	3
21	0	2	2	1	3
22	0	1	2	1	3
23	0	1	2	1	3
24	0	2	2	1	3
25	0	2	2	1	3
26	0	2	1	1	3
27	0	1	2	1	0
28	0	2	1	0	0
29	0	2	1	0	0
30	0	2	2	0	0
31	0	2	2	0	0
Mean	1	2	1	1	2
Max.	4	3	3	2	3
Min.	0	0	0	0	0
A.F.	40	120	90	60	100

Water diverted	Acres reported
410 A.F.	D-350R 22
	A-727 39
	A-857 92
	A-869 44
	Total 197

RUTNER-KINNEY CANAL From
Lodgepole Creek—Measured
through rating flume—Sec.
31-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	0	4	2	1
2	0	0	8	1	1
3	0	0	7	1	1
4	0	0	7	1	1
5	0	0	8	1	0
6	4	0	7	1	0
7	3	0	8	1	1
8	3	0	8	1	0
9	2	0	6	1	1
10	2	0	6	1	1
11	2	0	5	1	2
12	1	0	7	1	2
13	2	0	2	1	2
14	2	0	3	1	4
15	2	0	2	1	4
16	3	4	2	1	4
17	6	7	2	1	4
18	6	4	1	1	2
19	2	14	1	0	2
20	2	15	1	0	2
21	7	6	2	0	2
22	8	6	2	0	2
23	8	6	2	2	2
24	8	4	2	2	2
25	6	4	2	3	2
26	6	5	2	3	2
27	0	5	1	2	4
28	0	4	2	2	4
29	0	4	2	1	4
30	0	4	2	1	4
31	0	2	2	1	2
Mean	3	3	4	1	2
Max.	8	15	8	3	4
Min.	0	0	1	0	0
A.F.	170	180	230	70	120

Water diverted	Acres reported
770 A.F.	D-345 140
	D-350 51
	A-718R 48
	A-1828 14
	Total 253

DAILY DIVERSIONS OF CANALS—1952

SHERIDAN-WILSON CANAL From
Sarben Slough—Measured in sec-
tion of Slough—Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	8	8	7	7	9
2	8	8	7	8	9
3	8	8	7	8	8
4	8	7	8	8	8
5	8	7	9	8	8
6	8	7	9	8	8
7	8	7	9	8	8
8	8	7	9	8	8
9	8	7	9	8	8
10	8	7	9	9	8
11	8	7	9	9	8
12	8	7	9	9	8
13	8	7	9	9	8
14	8	7	9	9	8
15	9	8	8	9	8
16	10	8	8	10	8
17	10	8	8	10	8
18	10	8	8	10	8
19	10	8	8	10	8
20	10	8	8	10	8
21	11	8	8	10	8
22	11	8	8	10	8
23	11	8	8	10	8
24	11	8	8	10	8
25	11	8	8	10	8
26	11	8	8	9	8
27	10	7	8	9	8
28	10	7	8	9	8
29	9	7	7	9	8
30	9	7	7	9	8
31	9	7	7	9	8
Mean	9	8	8	9	8
Max.	11	8	9	10	9
Min.	8	7	7	7	8
A.F.	560	450	500	550	480
Water diverted	2540 A.F.				

SHERIDAN-WILSON CANAL From
North Platte River—Measured
through rating flume—
Sec. 20-14-35 W.

Day	May	June	July	Aug.	Sept.
1	0	0	6	2	0
2	0	0	5	2	0
3	0	0	4	2	0
4	0	0	3	3	0
5	0	0	3	3	0
6	0	0	2	3	0
7	0	4	2	2	0
8	0	3	2	2	0
9	0	3	1	0	0
10	0	3	1	0	1
11	0	3	2	2	2
12	0	2	3	0	0
13	0	4	3	0	3
14	0	4	2	0	4
15	0	6	2	0	0
16	0	6	2	0	3
17	0	7	2	0	3
18	0	9	1	0	3
19	0	10	1	0	3
20	0	10	1	0	3
21	0	10	0	0	3
22	0	9	0	1	3
23	0	9	0	2	3
24	0	8	0	2	3
25	0	7	0	2	3
26	0	6	0	2	3
27	0	6	1	2	3
28	0	6	2	2	2
29	0	6	3	2	2
30	0	6	3	2	0
31	0	2	2	1	2
Mean	0	5	2	1	2
Max.	0	10	6	3	4
Min.	0	0	0	0	0
A.F.	0	290	120	80	110
Water diverted	600 A.F.				

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet—1952

	May	June	July	Aug.	Sept.	Total	
Diverted from:							
North Platte River	0	290	120	80	110	600	
Sarben Slough	560	450	500	550	480	2540	
Total diversion	560	740	620	630	590	3140	
Water diverted						Acreage reported	
3140 A.F.						D-710	676

DAILY DIVERSIONS OF CANALS—1952

679

SHORT LINE CANAL From North Platte River—Measured through rating flume—Sec. 25-21-53 W.

Day	May	June	July	Aug.	Sept.
1	0	20	0	26	29
2	0	20	19	30	29
3	0	20	0	28	24
4	0	20	0	26	22
5	0	19	18	28	25
6	0	22	13	17	0
7	0	25	0	11	15
8	0	20	0	10	15
9	0	20	25	9	13
10	0	23	22	7	13
11	0	24	21	9	16
12	0	25	26	11	24
13	0	25	37	15	26
14	0	26	36	15	22
15	0	26	31	14	14
16	0	26	29	7	16
17	0	31	28	11	21
18	0	35	26	10	19
19	0	36	24	17	19
20	0	42	28	16	24
21	0	40	33	18	23
22	0	31	34	20	27
23	0	25	36	20	30
24	0	25	27	21	29
25	0	22	30	25	30
26	0	22	33	29	31
27	8	0	32	24	25
28	26	0	28	23	16
29	26	0	19	18	16
30	20	0	17	17	17
31	17	0	25	25	0
Mean	3	22	23	18	21
Max.	26	42	37	30	31
Min.	0	0	0	7	0
A.F.	190	1330	1380	1090	1250
Water diverted					
5240 A.F.					
Acreage reported					
D-946					2590

SIX MILE CANAL From Platte River—Measured through rating flume—Sec. 18-11-25 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	12	0
2	0	0	0	17	1
3	0	0	0	18	0
4	0	0	0	18	0
5	0	0	0	19	0
6	0	0	1	4	0
7	0	0	4	0	0
8	0	0	4	0	0
9	0	0	2	0	0
10	0	0	8	0	0
11	0	12	9	0	0
12	0	10	20	0	0
13	0	9	19	0	0
14	0	8	21	0	0
15	0	3	18	0	0
16	0	2	17	0	0
17	0	0	17	0	0
18	0	0	10	0	0
19	0	1	8	0	0
20	0	6	7	0	0
21	0	9	7	0	0
22	0	6	6	0	0
23	0	1	5	0	0
24	0	0	7	0	0
25	0	0	8	0	0
26	0	0	10	0	1
27	0	0	9	0	0
28	0	0	13	0	0
29	0	0	13	0	0
30	0	0	8	1	0
31	0	2	4	0	0
Mean	0	2	8	3	0
Max.	0	12	21	19	1
Min.	0	0	0	0	0
A.F.	0	130	510	180	5
Water diverted					
825 A.F.					1173
Acreage reported					
D-680					

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	9	0
2	0	0	0	11	0
3	0	0	0	13	0
4	0	0	0	15	0
5	0	0	0	14	0
6	0	0	0	7	0
7	0	0	0	4	0
8	0	0	0	4	0
9	0	17	3	6	0
10	0	17	1	10	0
11	0	17	0	8	6
12	0	17	0	8	10
13	0	17	0	7	23
14	0	16	0	7	0
15	0	15	0	5	0
16	0	15	0	6	0
17	0	15	0	5	0
18	0	12	0	0	0
19	0	11	1	0	11
20	0	12	4	0	15
21	0	20	4	0	0
22	0	23	5	0	0
23	0	18	7	0	0
24	0	10	9	0	1
25	0	12	9	8	1
26	0	12	9	8	1
27	0	0	9	8	2
28	0	0	8	8	0
29	0	0	8	7	0
30	0	0	8	0	0
31	0	0	8	0	0
Mean	0	92	3	6	2
Max.	0	23	9	15	23
Min.	0	0	0	0	0
A.F.	0	550	170	350	140
Water diverted					
1210 A.F.					
Acreage reported					
D-801					868
D-803R					167
Total					1035

SUBURBAN CANAL From North Platte River—Measured through rating flume—Sec. 8-14-32 W.

Day	May	June	July	Aug.	Sept.
1	33	16	94	108	89
2	29	16	103	138	82
3	23	14	106	97	75
4	29	13	103	94	68
5	25	18	106	89	67
6	14	20	105	84	64
7	38	23	105	83	66
8	20	20	105	83	65
9	15	35	105	86	57
10	14	84	109	83	71
11	14	99	108	87	87
12	14	95	112	87	96
13	14	101	112	85	101
14	15	105	112	77	106
15	14	106	107	76	92
16	16	108	99	74	79
17	17	114	95	71	77
18	0	118	94	68	66
19	16	130	96	75	60
20	19	130	95	76	58
21	19	129	87	78	60
22	17	101	78	78	62
23	14	96	88	90	66
24	11	96	97	89	68
25	9	96	102	92	68
26	6	97	109	103	68
27	7	91	124	104	68
28	8	93	124	107	63
29	14	95	119	106	58
30	14	94	122	100	53
31	14	115	115	95	0
Mean	17	78	104	89	72
Max.	38	130	124	138	106
Min.	6	13	78	68	53
A.F.	1050	4670	6420	5480	4280
Water diverted					
21900 A.F.					
Acreage reported					
D-662					7168

SUTHERLAND CANAL From South Platte River
Measured through 25-foot Marshall flume—Sec. 8-13-36 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	364	429	407	370	603	788	884	664	791	77	24	0
2	332	364	410	375	600	603	838	693	798	77	23	0
3	303	480	407	390	585	570	405	680	794	70	20	0
4	287	445	407	390	556	603	166	664	784	63	19	0
5	272	442	405	400	556	600	44	646	798	63	23	0
6	315	445	405	400	509	794	12	677	808	63	26	0
7	317	450	365	410	500	940	12	808	808	62	21	0
8	332	456	269	410	486	838	12	877	804	57	21	0
9	334	453	201	424	461	894	11	880	818	57	20	0
10	334	453	151	437	488	973	10	791	804	57	20	0
11	359	453	199	440	535	955	10	683	735	52	19	0
12	387	445	322	461	559	966	11	609	588	51	18	0
13	415	445	387	469	588	947	11	517	498	56	18	0
14	424	442	332	492	597	742	10	445	445	69	14	0
15	424	434	172	492	588	811	100	382	394	92	12	0
16	429	413	129	498	588	801	600	426	344	106	11	0
17	429	301	122	492	600	815	758	564	287	96	0	0
18	432	344	144	478	609	838	768	570	216	63	0	0
19	429	400	203	492	579	880	748	346	183	54	0	0
20	429	503	240	512	562	966	709	349	160	51	0	0
21	429	437	234	495	673	838	729	346	146	45	0	0
22	437	410	197	431	655	560	768	352	132	40	0	0
23	434	407	185	349	677	294	784	334	120	38	0	0
24	432	405	185	269	550	125	778	334	115	36	0	0
25	429	405	189	244	402	160	729	334	100	34	0	0
26	418	405	197	256	503	512	703	336	90	32	0	0
27	424	405	201	339	735	784	725	352	92	30	0	0
28	437	405	254	451	838	894	745	346	84	28	0	0
29	437	407	359	559	794	902	696	334	77	26	0	0
30	437	405	369	615	-----	919	658	339	77	25	0	0
31	429	-----	372	609	-----	901	-----	486	-----	25	0	0
Mean	390	423	272	434	585	749	448	521	430	55	10	0
Max.	437	503	410	615	838	973	884	880	818	106	26	0
Min.	272	301	122	244	402	125	10	334	77	25	0	0
A.F.	23980	25170	16700	26660	33670	46040	26650	32060	25570	3360	610	0
Water diverted	260470 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	1461	1579	1493	1226	1681	1667	1012	742	852	1095	1526	1207
2	1429	1570	1434	1401	1644	1565	1183	771	939	1081	1473	1327
3	1456	1501	1455	1427	1559	1667	1189	612	875	1052	1338	1266
4	1445	1431	1482	1478	1682	1667	1188	657	827	1106	1436	1324
5	1413	1482	1527	1529	1697	1650	1595	607	751	1148	1399	1310
6	1486	1465	1597	1436	1670	1626	1321	527	798	917	1367	1329
7	1399	1374	1485	1590	1694	1632	1207	519	710	737	1263	1272
8	1378	1505	1402	1507	1683	1619	980	595	577	473	1136	1263
9	1451	1526	1413	1536	1645	1531	934	598	791	587	1116	1321
10	1429	1485	1518	1583	1547	1628	927	617	763	709	1136	1317
11	1429	1414	1406	1526	1693	1660	921	601	789	862	1123	1234
12	1481	1438	1491	1504	1663	1640	1018	723	705	929	1051	1025
13	1408	1578	1595	1312	1682	1634	1118	592	632	929	1122	779
14	1304	1529	1407	1511	1687	1661	1505	654	663	783	1204	581
15	1455	1097	1525	1490	1689	1625	1574	574	602	773	1152	474
16	1477	1576	1476	1514	1655	1547	1685	638	1202	659	1206	560
17	1473	1610	1457	1523	1673	1622	1594	527	1526	451	1154	487
18	1488	1456	1385	1581	1710	1668	1595	15	1342	496	1184	408
19	1491	1407	1421	1514	1665	1692	1569	71	1207	712	1116	342
20	1540	1346	1251	1430	1722	1661	1350	72	1175	862	1188	366
21	1395	1530	1221	1555	1734	1738	1221	32	1066	930	1271	362
22	1473	1399	1204	1448	1686	1666	1082	29	844	1000	1343	357
23	1472	1503	1110	1506	1623	898	1041	29	717	1047	1359	384
24	1512	1532	1159	1505	1564	1777	834	28	625	1221	1270	399
25	1501	1488	1161	1463	1613	1783	828	24	495	1405	1332	332
26	1545	1539	1217	1466	1663	1775	759	535	677	1511	1347	319
27	1508	1516	1203	1453	1690	1770	704	740	738	1627	1378	331
28	1379	1486	1244	1549	1694	1690	674	916	682	1720	1357	314
29	1502	1455	1214	1623	1693	1654	729	956	995	1631	1323	597
30	1504	1478	1212	1642	-----	1457	732	626	1029	1423	1229	731
31	1459	-----	1223	1637	-----	1578	-----	581	-----	1436	1314	-----
Mean	1459	1476	1367	1499	1665	1627	1136	610	859	1010	1265	777
Max.	1545	1610	1597	1642	1734	1783	1685	981	1526	1720	1526	1329
Min.	1304	1097	1110	1226	1547	898	674	15	495	451	1051	314
A.F.	89690	87820	84080	92160	95780	100060	67570	31350	51120	62110	77780	46260
Water returned	885780 A.F.											

DAILY DIVERSIONS OF CANALS—1952

THIRTY MILE CANAL From Platte River—Measured through rating flume—Sec. 31-12-26 W.						
Day	May	June	July	Aug.	Sept.	
1	0	82	221	297	70	
2	0	80	251	299	60	
3	0	65	255	300	44	
4	0	64	251	295	46	
5	0	44	283	289	47	
6	0	52	296	251	42	
7	0	66	303	220	41	
8	0	75	303	235	46	
9	0	66	311	228	49	
10	0	83	305	229	48	
11	0	112	315	180	48	
12	22	117	316	142	53	
13	80	115	319	98	64	
14	70	105	271	95	66	
15	77	117	299	82	66	
16	91	124	274	71	59	
17	91	196	267	82	126	
18	56	195	215	103	84	
19	33	220	203	80	89	
20	29	232	213	64	88	
21	43	214	199	96	87	
22	44	225	179	122	87	
23	32	217	183	121	96	
24	35	223	198	117	60	
25	37	222	211	94	33	
26	41	227	220	86	59	
27	63	219	218	88	82	
28	64	205	207	81	80	
29	56	208	250	90	94	
30	53	211	275	87	105	
31	58		267	70	.....
Mean	35	146	255	152	67	
Max.	91	232	319	300	126	
Min.	0	44	179	70	33	
A.F.	2130	8690	15670	9350	4000	

Water diverted	Acreage reported	
39840 A.F.	A-1853	19158
	A-1976	3555
	A-2077	320
	Total	23033

TRI-COUNTY CANAL From Platte River
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	1940	1990	1890	1280	2000	1950	1960	1970	2050	2010	2090	1960
2	1960	1930	1960	1470	2020	1710	1990	1980	2060	2070	2070	1920
3	1960	1950	1890	1640	1980	1540	2030	1900	2040	2030	2050	1880
4	1930	1900	1850	1780	1980	1660	1970	1940	2000	2060	2050	1900
5	1920	1880	1930	1750	1990	1960	1950	1940	2020	2080	2040	1930
6	1960	1980	1960	1740	1990	1940	1940	1920	2070	2070	1850	1900
7	1980	1910	1840	1740	1970	1990	1960	1990	2030	2060	2070	1910
8	1950	1860	1760	1740	2010	2000	1860	2000	2060	2040	2020	1880
9	1980	1940	1350	1790	1980	2000	1870	2010	2070	2090	2030	1850
10	1980	1930	1460	1700	2000	2020	1680	2030	2060	2050	2000	1800
11	1960	1930	1670	1740	1990	1900	1930	2020	2080	2040	2050	1860
12	1950	1910	1870	1770	1980	2040	1940	2020	2070	2040	2050	1860
13	1980	1940	1930	1830	1960	1850	2030	2010	2060	2050	2060	1820
14	1960	1910	1500	1870	1960	1960	2060	2040	2040	2010	2050	1930
15	1970	1750	1090	1950	1960	2010	2070	2040	1960	2040	2080	2000
16	1990	1840	970	1980	1990	2000	2040	2090	2020	2080	2080	2050
17	1960	1860	890	1860	1970	1990	2020	2030	1920	2060	2050	2040
18	1950	1870	960	1860	1980	1980	2020	2000	2090	2020	2040	1960
19	1950	1860	630	1870	1970	1970	2040	1920	2070	2020	1980	1740
20	1970	1710	470	1870	1290	1960	2030	2040	2070	2070	1890	1760
21	1940	1860	680	1840	1400	1980	2070	2050	2060	2040	1850	1740
22	1940	1870	790	990	1880	1090	2050	2080	2060	2060	1920	1810
23	1970	1940	880	1130	1980	1260	2030	2030	2050	2010	1990	1850
24	1950	1860	1070	1140	1660	1940	2020	2050	2060	2050	2000	1120
25	1960	1760	1270	1380	1630	1890	2000	2030	2040	2010	2020	1760
26	1960	1890	1310	1710	1810	2020	1980	2040	2050	2050	2000	1780
27	1950	1900	1320	1880	1990	1980	1960	2030	2030	2080	1960	1800
28	1950	1860	1400	1860	2000	2000	1960	2030	2030	2060	2000	1690
29	1940	1880	1520	1930	1990	2020	1930	2060	2030	2080	2040	1680
30	1920	1840	1630	1960	.....	2020	1970	2060	2020	2080	2020	1790
31	1940	.....	1660	1980	.....	1890	.....	2050	.....	2070	2020	.....
Mean	1955	1874	1406	1711	1907	1889	1979	2013	2042	2051	2014	1832
Max.	1990	1990	1960	1980	2020	2040	2070	2090	2090	2090	2090	2050
Min.	1920	1710	470	990	1290	1090	1680	1900	1920	2010	1850	1120
A.F.	120240	111490	86460	105180	109710	116150	117740	123770	121530	126110	123810	109030

Water diverted	Acreage reported	
1371220 A.F.	A-2355, A-3476	164117
	A-3476 Storage only	37918
	A-3620 Storage only	3119
	A-3823 Storage only	3263
	A-4856 Storage only	12390

Total	220807
-------	--------

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	0	0	0	0	0	0	0	0	0	23	412	198
2	0	0	0	0	0	0	0	0	0	104	459	242
3	0	0	0	0	0	0	0	0	0	79	325	248
4	0	0	0	0	0	0	0	0	0	33	357	248
5	0	0	0	0	0	0	0	0	0	124	197	250
6	0	0	0	0	0	0	0	0	0	0	119	252
7	0	0	0	0	0	0	0	0	0	0	0	252
8	0	0	0	0	0	0	0	0	0	0	0	252
9	0	0	0	0	0	0	0	0	0	0	0	250
10	0	0	0	0	0	0	0	0	0	0	88	250
11	0	0	0	198	0	0	0	0	0	161	18	250
12	0	0	0	166	0	0	0	0	0	128	0	250
13	0	0	0	0	0	0	0	0	0	63	0	250
14	0	0	0	206	0	0	0	0	0	0	0	248
15	0	0	0	98	0	0	0	0	0	0	23	244
16	0	0	0	133	0	0	0	0	252	0	47	147
17	0	0	0	130	0	0	0	0	288	0	76	35
18	0	0	0	179	0	0	0	0	85	0	99	145
19	0	0	0	40	0	0	0	0	142	30	43	203
20	0	0	0	22	0	0	0	0	102	75	51	201
21	0	0	0	0	0	0	0	0	0	40	89	203
22	0	0	0	0	0	0	0	0	0	0	214	205
23	0	0	0	0	0	0	0	0	0	103	291	203
24	0	0	0	0	0	0	0	0	0	298	327	201
25	0	0	0	0	0	0	0	0	0	352	391	0
26	0	0	0	0	0	0	0	0	11	417	335	63
27	0	0	0	0	0	0	0	0	0	478	373	97
28	0	0	0	0	0	0	0	0	0	464	402	100
29	0	0	0	0	0	0	0	0	0	311	354	159
30	0	0	0	0	0	0	0	0	34	164	312	207
31	0	0	0	0	0	0	0	0	0	286	203	---
Mean	0	0	0	38	0	0	0	0	30	120	181	195
Max.	0	0	0	206	0	0	0	0	288	478	459	252
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	2320	0	0	0	0	1810	7400	11120	11610

Water returned 34260 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	1619	1755	1368	603	1855	1684	1853	1817	1368	1260	224	356
2	1619	1746	1178	966	1862	1670	1678	1843	1370	1260	211	264
3	1655	1869	1827	1286	1646	1670	1687	1709	1368	1192	141	613
4	1494	1905	1681	1311	1758	1666	1715	1483	1440	848	181	877
5	1540	1830	1658	1503	1839	1829	1730	1708	1390	916	92	627
6	1562	1952	1666	1257	1830	1583	1243	1598	1371	711	86	513
7	1510	1749	1781	1602	1778	1598	1674	1527	1381	862	140	100
8	1489	1762	1897	1551	1829	1556	1792	1478	1296	722	397	497
9	1544	1890	1707	1525	1817	1365	1867	1282	1379	738	300	423
10	1527	1857	1810	1645	1494	1673	1925	1145	1379	702	182	625
11	1590	1470	1666	1600	1795	1893	1774	1063	1146	640	311	298
12	1625	1638	1698	1479	1804	1865	1714	1308	1030	579	584	330
13	1604	1722	1688	1222	1830	1812	1059	1150	931	352	648	309
14	1178	1705	1657	1424	1791	1862	993	1326	717	555	796	90
15	1626	1706	1388	1477	1835	1879	1368	1097	482	631	725	146
16	1654	1678	1289	1530	1745	1414	1495	985	501	870	710	200
17	1609	1802	1086	1541	1750	1796	1601	1260	492	671	213	252
18	1500	1639	998	1543	1899	1774	1564	1035	458	771	835	328
19	1597	1749	949	1541	1857	1744	1595	1274	335	782	603	407
20	1552	1981	785	1230	1826	1947	1392	1331	637	381	519	510
21	1463	1782	789	1627	1816	1952	1606	1333	973	620	339	379
22	1553	1546	845	1220	1813	1898	1647	1241	904	470	395	531
23	1514	1724	814	1568	1797	1102	1791	1414	625	352	567	502
24	1631	1789	785	1555	1628	1857	1806	1373	853	510	260	489
25	1570	1665	610	1563	1696	1956	1787	1178	659	386	324	407
26	1608	1779	759	1557	1925	1959	1723	1349	687	420	325	777
27	1509	1745	766	1372	1786	1809	1690	1306	785	109	274	366
28	1280	1689	693	1521	1861	1806	1747	1376	838	262	290	534
29	1750	1620	879	1534	1799	1701	1747	1418	762	75	228	594
30	1746	1677	668	1755	---	1152	1737	1004	1065	160	351	631
31	1682	---	1024	1820	---	1642	---	1350	---	165	201	---
Mean	1561	1747	1500	1450	1792	1703	1623	1347	953	612	369	419
Max.	1750	1981	1897	1820	1925	1956	1925	1843	1440	1260	835	777
Min.	1178	1470	610	603	1494	1102	993	985	335	75	86	90
A.F.	96000	103980	75790	89190	103060	104750	96620	82830	56750	37630	22720	24940

Water returned 894260 A.F.

TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS From North Platte River and Pathfinder Reservoir—Measured through section of canal—Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	433	789	877	973	927
2	500	821	878	992	925
3	516	877	969	1018	925
4	567	877	900	993	925
5	654	877	900	998	925
6	724	885	900	1019	925
7	775	927	900	1015	925
8	810	986	900	990	925
9	850	1014	900	1000	906
10	876	1063	957	1009	917
11	877	1071	983	984	917
12	877	1077	1005	985	925
13	877	1063	998	970	827
14	828	1076	971	950	805
15	785	1079	956	950	817
16	843	1091	968	950	800
17	872	1091	972	950	800
18	775	1095	1015	950	772
19	765	1103	1036	950	734
20	711	1097	986	950	731
21	503	990	969	968	727
22	705	596	978	1100	727
23	755	463	973	1095	731
24	782	650	963	1073	755
25	758	727	967	1070	748
26	789	744	964	1057	761
27	792	751	961	1031	782
28	785	765	974	1021	731
29	799	796	995	993	705
30	785	854	988	972	625
31	785	.....	980	958	.....
Mean	747	910	958	998	822
Max.	877	1103	1036	1100	925
Min.	433	463	877	950	625
A.F.	45920	54140	58880	61360	48880
Water diverted	269180	A.F.			

TRI-STATE DIVERSIONS For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet—1952

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River	45920	54140	58880	61360	48880	269180
Optional Diversions (estimated)	240	680	1660	1640	1360	5580
Total diversion	46180	54820	60540	63000	50240	274760
				Acreage reported		
				D-918		58437
				A-660		2913
				O.D.		1690
				Total		63040

DAILY DIVERSIONS OF CANALS—1952

685

UNION CANAL From Blue Creek and Crescent Lake—Measured through rating flume—Sec. 18-16-42 W.

Day	May	June	July	Aug.	Sept.
1	0	0	20	15	13
2	0	0	19	16	12
3	0	0	19	15	10
4	0	0	17	14	10
5	0	0	13	14	10
6	0	0	13	15	11
7	0	0	0	18	11
8	0	0	15	17	14
9	0	0	14	15	16
10	0	0	18	14	17
11	0	0	18	15	17
12	0	12	16	18	17
13	0	8	15	18	14
14	0	11	13	17	8
15	0	0	11	19	1
16	0	0	8	20	0
17	0	0	8	14	0
18	0	0	10	12	0
19	0	0	13	12	0
20	0	9	14	22	0
21	0	24	12	16	0
22	0	26	13	17	0
23	0	30	13	17	0
24	0	22	12	19	0
25	0	0	14	19	0
26	0	0	14	17	0
27	0	14	16	16	0
28	0	17	16	16	0
29	0	17	14	14	0
30	0	15	15	11	0
31	0	...	14	13	..
Mean	0	7	14	16	6
Max.	0	30	20	22	17
Min.	0	0	0	11	0
A.F.	0	410	850	980	360
Water diverted	2600	A.F.	Acreege	reported	1224
			D-763		

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	65	14	0	65	677	112	34	86
2	65	14	0	58	667	115	34	76
3	65	0	0	54	612	82	38	79
4	58	0	0	52	557	79	40	74
5	61	0	0	74	467	72	46	69
6	56	0	0	97	318	67	43	67
7	54	0	0	124	259	63	46	69
8	36	0	0	118	200	63	38	67
9	30	0	0	76	131	56	36	26
10	30	0	0	48	118	52	40	46
11	28	0	0	34	121	48	41	45
12	24	0	0	38	128	48	40	48
13	12	0	0	31	156	54	41	69
14	14	0	0	38	196	76	34	82
15	14	0	71	41	163	75	33	89
16	12	0	109	134	171	73	36	79
17	9	0	97	200	159	72	36	76
18	6	0	86	204	121	71	36	74
19	9	0	69	192	97	66	34	79
20	14	0	48	213	89	60	33	76
21	12	0	63	249	89	54	36	69
22	14	0	82	273	89	48	36	74
23	15	0	76	235	97	46	41	69
24	14	0	63	180	97	41	38	74
25	14	0	61	152	97	40	86	72
26	15	0	76	175	100	38	142	72
27	16	0	86	222	92	38	128	69
28	17	0	63	240	89	36	103	69
29	16	0	50	303	121	34	94	72
30	15	0	58	442	148	34	86	69
31	14	...	...	592	...	34	97	...
Mean	27	1	39	160	214	60	53	70
Max.	65	14	109	592	677	115	142	89
Min.	6	0	0	31	89	34	33	26
A.F.	1630	60	2300	9830	12750	3660	3260	4140
Water diverted	37630	A.F.	Acreege	reported				
			A-393					11140
			A-1804					764
			Total					11904

DAILY DIVERSIONS OF CANALS—1952

WINTERS CREEK CANAL From North Platte River—Measured through Parshall flume— Sec. 17-22-55 W.						
Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	13	0	21	20
2	13	0	13	0	21	19
3	13	0	16	0	22	16
4	13	0	20	0	22	16
5	13	0	21	0	22	16
6	5	7	24	3	21	16
7	0	18	22	16	20	15
8	0	15	19	18	19	16
9	0	11	19	18	19	14
10	0	10	18	22	20	14
11	0	17	17	22	20	14
12	0	20	23	21	20	13
13	0	20	23	24	19	13
14	0	20	21	22	20	14
15	0	19	22	23	20	14
16	0	22	30	21	19	14
17	0	25	38	18	19	14
18	0	17	30	19	19	15
19	0	14	25	20	19	15
20	0	13	26	20	18	13
21	0	17	22	17	18	14
22	0	13	10	20	18	14
23	0	16	12	19	22	16
24	0	7	13	19	22	17
25	0	3	9	19	20	19
26	0	5	3	20	21	18
27	0	5	3	21	22	17
28	0	5	3	20	21	15
29	0	5	0	19	20	14
30	0	6	0	20	18	5
31	0	17		21	18	
Mean	2	11	17	16	20	15
Max.	16	25	38	24	22	20
Min.	0	0	0	0	18	5
A.F.	140	690	1020	1000	1230	890
Water diverted			4970	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	41	1	52	47	
2	0	42	4	51	46	
3	0	51	3	51	46	
4	0	56	10	51	46	
5	0	56	17	51	44	
6	0	56	18	51	41	
7	19	58	32	49	40	
8	34	56	43	51	41	
9	32	56	43	50	41	
10	38	56	48	50	41	
11	42	48	52	49	46	
12	36	45	52	48	47	
13	34	45	30	49	48	
14	33	45	28	49	45	
15	35	45	48	51	44	
16	45	52	48	50	45	
17	48	60	49	49	45	
18	42	59	51	48	42	
19	41	59	52	48	44	
20	12	61	51	48	45	
21	22	37	48	48	46	
22	32	0	46	48	46	
23	41	25	49	48	47	
24	40	32	51	49	46	
25	41	12	52	50	49	
26	38	6	52	50	57	
27	32	3	53	50	56	
28	45	0	54	51	59	
29	41	0	52	49	59	
30	44	0	52	48	30	
31	42		52	47		
Mean	29	39	40	49	46	
Max.	48	61	54	52	59	
Min.	0	0	1	47	30	
A.F.	1800	2300	2460	3040	2740	
Water diverted		12340	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	17	6	12	10
2	10	16	15	13	10
3	15	17	6	12	10
4	17	17	10	12	10
5	3	17	17	13	12
6	9	17	17	14	12
7	9	17	18	14	12
8	12	17	19	14	12
9	12	17	19	14	12
10	13	17	4	14	12
11	13	17	10	14	13
12	13	17	7	13	12
13	12	16	18	12	12
14	12	16	16	12	12
15	12	16	16	14	12
16	13	18	16	14	12
17	13	18	15	14	12
18	13	18	15	14	14
19	13	18	16	17	16
20	3	18	16	17	16
21	22	12	15	17	16
22	21	1	15	12	16
23	15	10	15	12	16
24	16	18	13	12	16
25	16	18	12	12	16
26	15	15	13	12	14
27	15	4	12	12	13
28	17	0	12	12	13
29	16	0	12	11	13
30	16	0	12	11	13
31	17		12	11	
Mean	13	14	14	13	13
Max.	22	18	19	17	16
Min.	0	0	6	11	10
A.F.	800	830	830	810	770
Water diverted		4040	A.F.		

WINTERS CREEK DIVERSIONS
Summary in Acre-feet—1952

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	140	690	1020	1000	1230	890	4970
Winters Creek.....	0	2600	3130	3290	3850	3510	16380
Total diversion.....	140	3290	4150	4290	5080	4400	21350
Water diverted 21350 A.F.						Acreage reported D-952	5748

THIS PAGE INTENTIONALLY LEFT BLANK

INDEX

THIS PAGE INTENTIONALLY LEFT BLANK

INDEX

(Also, refer to Hydrographical Index, page 697)

A

Administration of Water	11
Alcova Reservoir (SEE ALSO Reservoirs)	420, 438, 439
Annual Diversions in Acre-feet by Major Projects	615
Appropriations (SEE Claims and Applications)	58
Cancelled and Dismissed	225

B

Bennett Reservoir	10, 493, 568
Bostwick Irrigation District	16
Box Butte Reservoir	9, 511, 587

C

Canals—SEE Hydrographical Index, Page 697	
By Divisions	58
Claims and Applications by Streams in Divisions:	
No. 1-A, Platte Rivers and Tributaries	58
No. 1-B, Republican and Frenchman Rivers and Tributaries	96
No. 1-C, Little Blue River and Tributaries	119
No. 1-D, Big Blue River and Tributaries	124
No. 1-E, Lodgepole Creek	137
No. 1-F, Nemaha River and Tributaries	144
No. 2-A, Loup Rivers and Tributaries	146
No. 2-B, Lower Platte, Elkhorn Rivers and Tributaries	172
No. 2-C, Niobrara River and Tributaries	183
No. 2-D, White River and Tributaries	199
No. 2-E, Hat Creek and Tributaries	211
No. 2-F, Bazille, Bow, Elk Creeks and Tributaries	222
Claims and Applications Cancelled or Dismissed	225
Climatological Data:	
Evaporation:	
Bridgeport	459
Kingsley Dam	459
North Platte	459
Pathfinder Reservoir	459
Whalen Dam	459

Precipitation:	
Bridgeport	460
Culbertson	462
Fort Robinson	462
Genoa	462
Grand Island	461
Holdrege	462
Lexington	461
Mitchell	460
North Platte	460
Ord	461
Oshkosh	460
Sidney	461
State, in General	7
Commissioners:	
List of	6
Map Showing Districts	56
Water Commissioners	6
Contract Award:	
Public Power and Irrigation Districts	19
Court Decisions:	
State of Nebraska v. Birdwood Irrigation District	24
Carl E. Faught, et al v. Platte Valley Public Power and Irrigation District	32
Margaret C. Smith v. Frenchman-Cambridge Irrigation District	47
Creeks (SEE ALSO Hydrographical Index, Page 697)	58
Crescent Lake Reservoir	10, 477, 552

D

Development	14
Discharge and Measurement of Streams—SEE Hydrographical Index, Page 697	
Districts: SEE Claims and Applications	
Drainage Districts	244
Public Power and Irrigation Districts	19, 234
Public Districts Dissolved	242
Public Rural Electrification Districts	237
Water Districts by Divisions, Map of	56
Diversions: (SEE ALSO Hydrographical Index—Canals)	
Annual, by Major Projects	615
Drains, from	457
Platte River Basin Summary, Guernsey to Odessa	458

Drains: SEE Hydrographical Index, Page 697

Contribution from	454, 455, 456
Discharge into North Platte River, Nebraska-Wyoming State Line—Bridgeport	454, 455
Diversions from, Between State Line and Bridgeport	457

E

Electrification Districts, Rural	237
Electrical Energy, Graph of	20
Elmore (Kilpatrick) Reservoir	11, 485, 560
Enders Reservoir	9, 488, 563
Evaporation in Feet	459
Pathfinder Dam	459
Whalen Dam	459
Bridgeport	459
Kingsley Dam	459
North Platte	459
Executives and Employees	6

F

Fees Collected	21
Frenchman-Cambridge Irrigation District	16

G

Gaging Stations, Map Showing Location of	248
Graphs Showing:	
Drains, Contributions from Wyoming-Nebraska State Line to Bridgeport	456
Electrical Energy by Nebraska Power System	20
Organization:	
Department of Roads and Irrigation	4
Guernsey Reservoir	8, 421, 422, 439, 440

H

Harlan County Reservoir	16
Hydrographical Index	697
Hydrography	14

I

Irrigation Districts, Public	19, 234
Award of Contracts	19
SEE ALSO Claims and Applications	58

K

Kilpatrick (Elmore) Reservoir	11, 485, 560
Kingsley Reservoir, Acre-feet Contents	8, 427, 445

L

Lake McConaughy	8, 427, 445
Litigation	24

M

Map of Nebraska Showing:	
Gaging Stations	248
Water Divisions	56
Medicine Creek Dam (Harry Strunk Lake)	8, 16, 504, 580
SEE ALSO Hydrographical Index, Page 697	

N

North Platte River: (SEE ALSO Platte River)	
Annual Diversions by Major Projects	615
Appropriation on North Platte and Tributaries	58
Contribution from Drains, State Line to Bridgeport	454, 455, 456
Discharge from Drains into North Platte River State Line to Bridgeport	454, 455
Diversions from Drains State Line to Bridgeport	457
Graph Showing Contribution from Drains State Line to Bridgeport	456

O

Oliver Reservoir	10, 492, 567
------------------------	--------------

P

Pathfinder Reservoir	8, 420, 438
Permits to Appropriate Water	58

Platte River (SEE ALSO Hydrographical Index) and North Platte River:	
Annual Diversions by Major Projects	615
Power Districts, Public	19, 234
Award of Contracts	19
Precipitation:	
Bridgeport	460
Culbertson	462
Fort Robinson	462
Genoa	462
Grand Island	461
Holdrege	462
Lexington	461
Mitchell	460
North Platte	460
Ord	461
Oshkosh	460
Sidney	461
State, in General	7
Public Power and Irrigation Districts	20, 202

R

Reservoirs:	
Alcova	420, 438
Bennett	10, 493, 568
Box Butte	9, 511, 587
Crescent Lake	10, 477, 552
Elmore (Kilpatrick)	11, 485, 560
Enders	9, 488, 563
Guernsey	8, 421, 422, 439, 440
Harlan County	16
Kingsley (Lake McConaughy)	8, 427, 445
Kortes	419, 437
Medicine Creek (Harry Strunk Lake)	8, 504, 580
Oliver (Kimball Irrigation District)	10, 492, 567
Pathfinder	8, 420, 438
Seminole	419, 437
Strunk Lake	8, 504, 580
Sutherland	9, 428, 446
Whitney	10, 537, 612

Return Flow—SEE Drains (Hydrographical Index)

Rivers—SEE Hydrographical Index, Page 697

Rural Electrification Districts	237
---------------------------------------	-----

S

Seeps, Sloughs and Spillways—SEE Hydrographical Index, Page	697
Seminole Reservoir	419, 437
Statistical Summary	21
Storage—SEE Reservoirs (SEE ALSO Hydrographical Index)	
Sutherland Reservoir	9, 428, 446
Strunk Lake (Medicine Creek Reservoir)	8, 504, 580

U

United States Geological Survey, Cooperation with	14
---	----

W

Water Administration	11
Water, Annual Diversions in Acre-feet by Major Projects	615
Water, Contribution from Drains State Line to Bridgeport	454, 455, 456
Water, Discharge from Drains State Line to Bridgeport	454, 455
Water, Diverted from Drains State Line to Bridgeport	457
Water, Divisions and Commissioners' District, Map Showing	56
Water, Summary of Monthly Diversions between Guernsey and Odessa	458
Water Supply	7
Whitney Reservoir	10, 537, 612

HYDROGRAPHICAL INDEX
BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

	Measure- ments		Daily Discharge	
	1951	1952	1951	1952
A				
Adams Canal—Lodgepole Creek	318	357		
Adams Pump—Mud (Beaver) Creek		357		
Aden Pump—Mud (Beaver) Creek	318	357		
Airdale Canals—Pumpkinseed Creek	318	357		
Akers Draw, Summary in Acre-feet Pages 641, 675				
Alcorn Canal—Hooker Creek		357		
Alcova Reservoir:				
Outflow			421	439
Storage			420	438
Allen-Larned Canal—Buffalo Creek	318	357		
Alliance Canal—Bayard Sugar Factory Drain, Page 457			619	653
Alliance Canal—Red Willow Creek, Page 457			619	653
Alliance Drain—Sec. 20-22-53	249	284		
Amsberry Pumps—Mud (Beaver) Creek		358		
Anderson Canal—Lodgepole Creek	319	358		
Andrews Supply Canal—Sow Belly Creek and Andrews Reservoir	319	358		
Annual Diversions in Acre-feet by Major Pro- jects, Page 615				
Antelope Creek—Various locations	249	284		
Antrim Canal—Hat Creek	249	358		
Applegate Drain—Sec. 31-14-33	249	284		
Arikaree River—Haigler			465	540
Ash Creek:				
Whitney	249	284		
Various locations	249	284		
Ash Creek, East—Sec. 32-32-50, Above Barron Canal	250	284		
Ash Creek, West—Sec. 36-32-51, Below Barron Canal	250	284		
Ash Creek Canal, West—West Ash Creek	319	358		
Ashmore Pump—Stinking Water Creek	319	358		
Atkins-Polly Canal—Lodgepole Creek	319		619	653
Auger Creek—Elba	250	285		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
B				
Babcock Pump—Medicine Creek	319			
Bald Drain—Sec. 32-23-56, Pages 454, 455	250	285		
Ballweg Pump—Cold Spring Creek		358		
Banker Pump—Clear Creek		358		
Barber Canal—Clear Creek	319	358		
Barrett Canal—Lodgepole Creek	319	359		
Barron Canals—East Ash Creek	320	359		
Barstow Pumps—Lodgepole Creek	320	359		
Battles Pumps—Beaver Creek		359		
Bauersachs Canal—Hooker Creek		359		
Bayard Sugar Factory Drain—Bayard Pages 454, 455			465	540
Bazille Creek—Niobrara				541
Beal Canal—South Platte River	320	360		
Bean Creek—Elyria		285		
Bear Creek:				
Eli	251	285	466	541
Merriman	250	285		
Sec. 16-34-37—Bowring Dam	250			
Sec. 14-34-37—Cole Dam	250	285		
Beaver Creek:				
Beaver City			467	543
Boone	251	285		
Genoa			467	542
Loretto			466	542
Ravenna	251	286		
St. Edward	251	285		
Sec. 29-34-46		286		
Beaver Creek, Big—Sec. 32-34-46		286		
Beaver Creek, Little—Various Locations		286		
Beerline Canal—North Platte River and Path- finder Reservoir			619	653
Beiser Canal—Niobrara River	320	360		
Belmont Canal—Cedar Creek			620	654
Belmont-Empire Canal—North Platte River			620	654
Bendix Canal—Sand Creek	320	360		
Bennett Canal—Niobrara River	320	360		
Bennett Canal—Lodgepole Creek	321	360		
Bennett Canal—Lodgepole Creek and Bennett Reservoir			621	655
Bennett Reservoir—Lodgepole Creek,			493	568

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Beranek Pump—Mud (Beaver) Creek		360		
Bernt Pump—Cedar Creek		360		
Bernt Pump—Clear Creek		360		
Bickel-Faden Canal—Lodgepole Creek			621	655
Bigelow-Seymour Canal—Niobrara River	321	361		
Bigelow-Seymour Pump—Niobrara River		361		
Birdwood Canal—Birdwood Creek			621	655
Birdwood Canal, West—Birdwood Creek	321	361		
Birdwood Creek—Hershey			468	543
Blackwood Creek—Culbertson			468	544
Blank and Joy Canal—Center Creek	321	361		
Bloody Run Creek—Hazard	251	286		
Blue Creek—Lewellen			469	544
Blue Creek—Sec. 28-17-42	251	286		
Blue Creek Canal—Blue Creek and Crescent Lake			621	655
Blue River, Big:				
Barnston			470	545
Crete			469	
Blue River, Little:				
Angus			470	545
Endicott			471	546
Bluhm Canal—Lodgepole Creek	321	361		
Boelus Power Canal—Middle Loup River	321			
Boggy Creek—Sec. 31-33-54—Wickersham Dam	251	286		
Booth Canals—Lodgepole Creek	321	361		
Bordeaux Creek, Big:				
Chadron	252	286		
Various locations	251	286		
Bordeaux Creek, Little—Sec. 13-33-48	252	287		
Bordwell Canals—Lodgepole Creek	322	362		
Borquist Canals—Lodgepole Creek	322	362		
Bourett Canals—Niobrara River		362		
Bowman Pump—Beaver Creek		363		
Box Butte Reservoir, Storage—Niobrara River			511	587
Page 12				
Brady Canal—Lodgepole Creek			622	656
Brandt Pump—Medicine Creek	322			
Bratt Canal—White Horse Creek	322			
Brown Creek—Loup City	252	287		
Brown Pump—Beaver Creek		363		
Brown Pump—Deep Creek		363		
Brown Pump—Indian Creek	323	363		
Brown Pump—Medicine Creek	323			

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Browns Creek Canal—North Platte River and Pathfinder Reservoir			622	656
Brushy Creek—Maywood			471	546
Buffalo Creek:				
Darr			472	547
Elm Creek	252	287		
Haigler			472	547
Overton			473	548
Sec. 33-9-18			473	548
Buker, Jay D. Pump—Medicine Creek	323			
Buker, Guy S. Pump—Medicine Creek	323			
Bull Drain—Maxwell	252	287		
Bullock Canals—Lodgepole Creek	323	363		
Burnside Pump—Cedar River			363	
Burton Pump—Clear Creek			364	
Burwell-Sumter Canal—North Loup River			639	672
Bushnell Canal—Lodgepole Creek	323	364		
Butler Pumps—Republican River	323	364		

C

Cache Creek—Ewing	252	287		
Caladonia Canal—Jim Creek and Caladonia Reservoir	323	364		
Calamus River—Burwell			474	549
Cambridge Canal—Republican River			622	656
Campbell Pump—Cedar River			364	
Canyon Creek—Curtis	253			
Capellen Pump—Mud (Beaver) Creek			364	
Capron Canal—Greenwood Creek	324	364		
Carpenter Canal—Turkey Creek			364	
Carstenson Pump—Beaver Creek			364	
Carter Pump—Beaver Creek			365	
Carter Pump—Bogus Creek			365	
Castle Rock-Steamboat Canal—North Platte River			622	656
Casteel Pump—Clear Creek			365	
Cedar Branch Creek—Nevins	253	287		
Cedar Creek:				
Broadwater			474	549
Elba		288		
Taylor		288		
Sec. 35-33-56		287		
Sec. 11-18-48	253	287		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Cedar River:				
Belgrade	253	288	.....	.....
Fullerton .....	.....	.....	475	550
Spalding .....	.....	.....	475	550
Center Creek—Franklin .....	.....	.....	476	551
Central Canal—North Platte River and Pathfinder Reservoir .....	.....	.....	623	657
Chadron Creek:				
City Reservoir, Above	253	288	.....	.....
City Reservoir, Below	253	288	.....	.....
Champion Canal—Frenchman River	324	365	.....	.....
Channer Pump—Cedar River .....	.....	365	.....	.....
Chase County Land and Livestock Canals—				
Stinking Water Creek	324	365	.....	.....
Cherry and Sweet Creeks—Cairo	280	312	.....	.....
Cherry Pump—Clear Creek .....	.....	365	.....	.....
Chesbra Creek—Taylor .....	.....	288	.....	.....
Chladek Canal—Niobrara River .....	.....	365	.....	.....
Chimney Rock Canal—North Platte River and Pathfinder Reservoir .....	.....	.....	623	657
Choat Pump—Beaver Creek .....	.....	365	.....	.....
Christen Pump—Victoria Creek .....	.....	365	.....	.....
Christensen Canals—Lodgepole Creek	324	366	.....	.....
Christensen Pump—Cedar River .....	.....	365	.....	.....
Circle Canal—Niobrara River .....	.....	366	.....	.....
Circle Arrow Canal—Lodgepole Creek .....	.....	.....	623	657
Clark Pump—Muddy Creek	324	.....	.....	.....
Clear Creek:				
Sec. 5-15-41	254	288	.....	.....
Sec. 31-21-10—Below Pibel Lake .....	.....	288	.....	.....
Clear Creek Canal—Clear Creek	324	.....	.....	.....
Clearwater Creek—Clearwater	254	289	.....	.....
Cleveland Drain—Sec. 6-20-52, Pages 454, 455.....	254	289	476	551
Cob Creek—Loup City	254	289	.....	.....
Cody-Dillon Canal—North Platte River .....	.....	.....	623	657
Coffee Canals—Hat Creek	325	366	.....	.....
Cold Water Creek—Sec. 34-18-46	254	289	.....	.....
Cole Creek—Loup City	254	289	.....	.....
Cole Dam No. 1—Bear Creek .....	.....	366	.....	.....
Columbus Power Canal—Loup River .....	.....	.....	624	658
Cook Canals—Niobrara River	325	366	.....	.....
Cooper Canal—Squaw Creek	325	366	.....	.....
Cooper Canal, East—White Clay Creek .....	.....	367	.....	.....
Cooper Supply Canal—White Clay Creek .....	.....	367	.....	.....
Cooper-Sharpless Pump—Mud (Beaver) Creek.....	.....	367	.....	.....

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Coslor Pump—Middle Loup River		367		
Cottonwood Creek—Dunlap	254	289		
Cottonwood Creek, Big—Sec. 22-33-50	255	289		
Cottonwood Creek, Little:				
Bloomington	255	290		
Various locations	255	289		
Court House Rock Canal—Pumpkinseed Creek			624	658
Courtland Canal—Republican River	325	367		658
Cozad Canal—Platte River			624	659
Crescent Canal—Crescent Lake	325			
Crescent Lake Storage—Crescent Lake, Page 10			477	552
Crescent Lake to Blue Creek			625	659
Crews Canals—Republican River	325	367		
Crigler Canal—Lawrence Fork Creek	326	367		
Crooked Creek:				
Red Cloud	255	290		
Spencer	255			
Cross Canals—Willow Creek		367		
Crozier Pump—Republican River		368		
Crystal Lake Canal—Spring Creek and Crystal Lake Reservoir		368		
Culbertson Canal—Frenchman River			625	659

D

Dainton Pump—Middle Loup River		368		
Dane Creek—Ord	255	290		
Daniels Pump—Indian Creek	326			
Dannelly Pump—Beaver Creek		368		
Davis Creek—Cotesfield			477	552
Davis Pump—Lillian Creek		368		
Davis Pump—Cedar River		368		
Davison Canal Pump—Niobrara River		368		
Dawson County Canal—Platte River and Sutherland Reservoir			626	660
Dawson County Drain No. 2—Near Darr	255	290	478	553
Dead Horse Creek—Loup City	256	290		
Dead Horse Creek—Sec. 32-33-49	255	290		
Dean Pump—Clear Creek		368		
Deep Creek:				
Sec. 4-30-53	256	290		
Oxford		290		
Deer Creek—Boelus	256	290		
DeGraw Drain—Sec. 24-20-51, Pages 454, 455	256			
Delarm Pump—Beaver Creek		368		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Delaware-Hickman Canal—Republican River	326			
DeMay Pump—Beaver Creek		368		
Devine Pump—South Loup River		369		
DeWulf Pump—Cedar River		369		
Dickey-Brown Canal—Pumpkinseed Creek		369		
Dickinson Canals—Lodgepole Creek	326	369		
Diessner Pump—Cedar River		369		
Discharge from Drains State Line—Bridgeport, Pages 454, 455				
Dismal River—Dunning			478	553
Diversion, Monthly Summary by Sections— Guernsey to Odessa, Page 458				
Diversions from Drains State Line—Bridgeport, Page 457				
Diversions, Annual, in Acre-feet by Major Pro- jects, Page 615				
Dobson Pump—Cedar River		369		
Dodd Pump—Cedar River		369		
Dopslauf Pump—Cedar River		369		
Dout Brothers Canal—Jim Creek	326	369		
Dout Canals—Dout Reservoir		370		
Drains, Discharge into North Platte River—State Line to Bridgeport, Pages 454, 455				
Drains, Contributions—Graph—Page 451				
Drains, Diversions from, Page 457				
Driftwood Creek—McCook			479	554
Dringman Drain—Sec. 32-14-33	256	290		
Drobny Pump—Middle Loup River		370		
Dry Creek:				
Cairo			480	555
Curtis			479	554
Merriman	256	291		
Ravenna	256	291		
Dugout Creek, Upper—Sec. 20-20-50, Pages 454, 455	256	291	480	555
Dunn Canal—Little Cottonwood Creek	326	370		

E

Eagle Creek—Spencer	257			
Earnest Canals—Niobrara River	326	370		
Eckert Canal—Pumpkinseed Creek	327	370		
Eggleston Pump—South Loup River		370		
Ehrman Pump—Pumpkinseed Creek	327	370		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Elkhorn River:				
Battle Creek	257	291	.....	.....
Ewing .....	.....	.....	481	556
Hooper	257	291	.....	.....
Neligh .....	.....	.....	482	557
Norfolk .....	.....	.....	482	557
Stanton	257	291	.....	.....
Waterloo .....	.....	.....	483	558
Elkhorn River, South Fork—Ewing .....	.....	.....	481	556
Elm Creek:				
Amboy .....	.....	.....	483	558
Elm Creek	257	291	484	559
Ord .....	.....	291	.....	.....
Overton .....	.....	.....	484	559
Elm Creek Canal—Platte River and Sutherland Reservoir				
.....	.....	.....	626	660
Elmer Canal—Indian Creek	327	371	.....	.....
Elmore (Kilpatrick) Reservoir—Snake Creek .....	.....	.....	485	560
Page 11				
Enders Reservoir—Frenchman River .....	.....	.....	488	563
English Creek—Crawford .....	.....	292	.....	.....
English Creek—Sec. 1-31-52 .....	.....	292	.....	.....
Enterprise Canal:				
Morrill Drain .....	.....	.....	627	661
North Platte River .....	.....	.....	626	660
Stewart Drain .....	.....	.....	627	661
Tub Springs .....	.....	.....	627	661
Wet Spotted Tail .....	.....	.....	627	661
Enterprise Canal—Drains, Page 457				
Enterprise Canal Pump—Niobrara River	327	371	.....	.....
Eureka Creek—Naponee	257	292	.....	.....
Excelsior Canal—Niobrara River	327	371	.....	.....

F

Fairfield Seep—Sec. 18-21-53	257	.....	.....	.....
Pages 454, 455	.....	.....	.....	.....
Fanning Seep—Sec. 28-23-56—Mitchell Bridge	258	.....	.....	.....
Pages 454, 455	.....	.....	.....	.....
Farmer Creek—Inavale	258	292	.....	.....
Fendrich Canals—Niobrara River .....	.....	371	.....	.....
Fish Creek—Cotesfield .....	.....	292	.....	.....
Fishbach Pump—Republican River	327	.....	.....	.....
Fisher Pump—Mud (Beaver) Creek .....	.....	371	.....	.....
Flag Creek—Orleans	258	292	.....	.....

BUREAU OF IRRIGATION

705

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Fletcher Pump—Beaver Creek		371		
Foland Pump—Cedar River		371		
Fonda Pump—Beaver Creek		371		
Fort Laramie Canal—North Platte River and Pathfinder Reservoir			628	662
Fort Robinson Canal—Soldier Creek	328	372		
Forsling-Kinney Canal—Lodgepole Creek			628	662
Foster Pump—Mud (Beaver) Creek		371		
Fox Creek—Curtis	258		485	560
Fox Pump—White River		371		
Fremont Slough:				
Near North Platte—Sec. 16-13-30	258		486	561
Into Sutherland Power Return			486	561
Sec. 16-13-30, Below Power Return	258	292		
Sec. 17-13-29			486	561
French Canal—North Platte River			629	663
French Pump—Beaver Creek		372		
Frenchman River:				
Champion			487	562
Culbertson			490	565
Enders			488	563
Hamlet			489	564
Imperial			487	562
Palisade			489	564
Wauneta	259			
Various locations	258	292		
Frey Pump—Elm Creek		327		
Fries Pump—Republican River		328		
Frye Pump—Mud (Beaver) Creek	328	372		
Fuller Pump—Lodgepole Creek	328	372		
Furman Canals—Niobrara River	328	372		

G

Gallatin Pumps—Beaver Creek		372		
Gardner Canal—Little Cottonwood Creek		372		
Gary Reservoir and Canal—Beaver Creek		372		
Genoa Hospital Canal—Beaver Creek		373		
George Canal—Lodgepole Creek	328	373		
Gering Canal—North Platte River			629	663
Gering Drain—Gering, Pages 454, 455			490	565
Giles Pump—Beaver Creek		373		
Gilham Pump—Crooked Creek	328			
Gillespie Pump—Beaver Creek		373		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Givens Pump—Mud (Beaver) Creek		373		
Glaser Pump—Cold Spring Creek		373		
Glaser Pumps—Clear Creek		373		
Glendy Pumps—South Loup River		373		
Gochnauer Canal—Big Bordeaux Creek		373		
Gothenburg Canal—Platte River—Power and Irrigation			629	663
Gothenburg Power Return to Platte River			630	664
Gothenburg Irrigation Canal—Platte River			630	664
Graf Canal—Blue Creek and Crescent Lake			630	664
Gray Pump—Beaver Creek		374		
Gravel Creek—Sec. 9-14-36	259	293		
Greenwood Creek—Various locations	259	293		
Guernsey Reservoir: Page 8				
Inflow			421	439
Outflow			422	440
Storage			422	440
Gunderson Canal—Lodgepole Creek	329	374		
Guthrie Canal—Republican River	329	374		

H

Hageman Canal—White River	329	374		
Haggerty Pump—Cedar River		374		
Haigler Canal—Republican River		374	631	665
Hall Canal No. 2—White River	329	374		
Hall Pump—Beaver Creek		375		
Hall Pump—White River		374		
Hall Spring Canal—Spring Creek		375		
Hamlin Canal—Squaw Creek		375		
Harding Pump—Medicine Creek	329			
Harris Pumps—Beaver Creek		375		
Harris Pump—Republican River	329	375		
Harris Pump—Elm Creek	329	375		
Harris-Cooper Canal—White River	329	375		
Harris-Neece Canal—Niobrara River	330	375		
Harry Canal—Norman Reservoir and Indian Creek	330	375		
Hartzell Canal—Little Bordeaux Creek		376		
Hartzell Canal—South Loup River		376		
Hat Creek Canal, West—Hat Creek	330	376		
Hat Creek—Various locations	260	293		
Hawthorne Creek—Arcadia	260	293		
Hays Creek—Arcadia	260	293		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Hazelton Canal—White Clay Creek	330	376	.....	.....
Heapy Pump—Clear Creek .....	.....	376	.....	.....
Heard Canals—Pumpkinseed Creek	330	376	.....	.....
Heibel Pump—Shell Creek .....	.....	376	.....	.....
Heilman Pump—Medicine Creek	330	.....	.....	.....
Hergott Pump—Republican River .....	.....	376	.....	.....
Hershey Drain—Sec. 33-14-32	260	293	.....	.....
Herzinger Pump—Cedar River .....	.....	376	.....	.....
Hickenbottom Pump—South Loup River .....	.....	377	.....	.....
High Line Canal—Jim Creek	330	377	.....	.....
Hilger Pump—Cedar River .....	.....	377	.....	.....
Hill Canal—West Boggy Creek .....	.....	377	.....	.....
Hitshew Pump—Niobrara River .....	.....	377	.....	.....
Hitshew Canal—Niobrara River	330	377	.....	.....
Hoffmeister Reservoir Canal—Hoffmeister Reservoir	331	377	.....	.....
Holcombe Canal, East—Pawnee Creek	331	377	.....	.....
Hollingsworth Canal—South Platte River	331	378	.....	.....
Homan Pump—Homan Creek .....	.....	378	.....	.....
Homan Pump—Cedar River .....	.....	378	.....	.....
Homrighausen Canal—Niobrara River .....	.....	378	.....	.....
Hooker Creek—Various locations	260	293	.....	.....
Hooper Canal—Blue Creek and Crescent Lake .....	.....	.....	631	665
Hooper Creek—Palmyra	260	294	.....	.....
Hoover Canal—Lodgepole Creek	331	378	.....	.....
Hoover Pump—Niobrara River .....	.....	378	.....	.....
Hopeful Canal—Lawrence Fork Creek	331	378	.....	.....
Horn Pump—South Loup River .....	.....	379	.....	.....
Horse Creek—Lyman, Pages 454, 455 .....	.....	.....	491	566
Horse Creek—Parks	261	294	.....	.....
Horse Creek Canal—Horse Creek	331	379	.....	.....
Howard Canal—Lodgepole Creek .....	.....	379	.....	.....
Howard-Ruttner Canal—Lodgepole Creek	331	379	.....	.....
Hoyt Pumps—Driftwood Creek .....	.....	379	.....	.....
Hughes Canal—Niobrara River	332	379	.....	.....
Hunkins Pump—Middle Loup River .....	.....	379	.....	.....
Hurley-Lilly-Polly Canal—Lodgepole Creek .....	.....	.....	631	665

I

Ickes Canal—Lodgepole Creek	332	379	.....	.....
Imperial Power Canal—Frenchman River .....	.....	380	.....	.....
Imus Pump—Beaver Creek .....	.....	380	.....	.....
Independent Canal—Lodgepole Creek	332	380	.....	.....

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Indian Creek: Pages 454, 455				
Max	261	294	.....	.....
Northport .....	.....	.....	491	566
Red Cloud	261	294	.....	.....
Various locations	261	294	.....	.....
Inman Canal—Frenchman River	332	380	.....	.....
Interstate Canal—North Platte River and Pathfinder Reservoir .....	.....	.....	632	666
Iodence Pump—Niobrara River .....	.....	380	.....	.....

J

James Canal—Soldier Creek	332	380	.....	.....
James Pump—Soldier Creek	332	380	.....	.....
Janssen Canal—Pawnee Creek	332	380	.....	.....
Jasa Pump—Beaver Creek .....	.....	380	.....	.....
Jenkins Canal—Buffalo Creek	332	381	.....	.....
Jim Creek—Various locations	261	294	.....	.....
Johnson Canal—Lodgepole Creek	333	381	.....	.....
Johnson Canal—Niobrara River	333	381	.....	.....
Johnson Pump—Clear Creek .....	.....	381	.....	.....
Jones Canal—Lodgepole Creek	333	381	.....	.....
Jordan (Cornelius) Canal—Monroe Creek and Jordan Reservoir	333	381	.....	.....
Jordan (Richard) Canal—Monroe Creek	333	381	.....	.....
Jungles Pump—Mud (Beaver) Creek	333	382	.....	.....

K

Kearney Canal—Platte River .....	.....	.....	632	666
Kearney Power Return to Platte River .....	.....	.....	633	667
Keith-Lincoln County Drain No. 2—Sec. 24-14-35	261	295	.....	.....
Keith-Lincoln County Canal—North Platte River .....	.....	.....	633	667
Kelly Canal—Pumpkinseed Creek	333	382	.....	.....
Kelso Canal—Big Bordeaux Creek .....	.....	382	.....	.....
Kent-Burke Canal, West—Pawnee Creek	334	382	.....	.....
Kilpatrick Canals No. 1 and 2—Snake Creek	334	382	.....	.....
Kilpatrick Canal, South—Elmore Reservoir	334	382	.....	.....
Kilpatrick Reservoir Canal—Frenchman River	334	.....	.....	.....
Kilpatrick (Elmore) Reservoir, Page 11 .....	.....	.....	485	560
Kimball Canal—Lodgepole Creek and Oliver Reservoir .....	.....	.....	633	667
King Canals—Lawrence Fork Creek	334	382	.....	.....
Kingsley Dam Seepage—Various locations	262	295	.....	.....

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Kingsley Reservoir—North Platte River			427	445
Page 8				
Kinnier Pump—Cedar River		383		
Kite Canal—Monroe Creek and Jordan Reservoir	334	383		
Koeppen Pump—Beaver Creek		383		
Kohls Pump—Clear Creek		383		
Kohls Pump—Mud (Beaver) Creek		383		
Kolouch Pump—Lost Creek		383		
Kortes Reservoir—North Platte River			419	437
Krichau Pump—Mud (Beaver) Creek	334	383		
Krivohlavek Pump—Shell Creek		383		
Krotter Power Plant—Frenchman River	335	383		
Krueger Canals—Lodgepole Creek	335	384		
Kusek Pump—Clear Creek		384		
Kusel-Spearman Canal—Little Cottonwood Creek		384		

L

Labelle Canal—Niobrara River	335	384		
Laing Canal—Lawrence Fork Creek	336	384		
Lakotah Canal—Niobrara River	336	385		
Lamb Pump—Wiggle Creek		385		
Lane Drain—Sec. 30-23-57, Pages 454, 455	263	296		
Lang Pump—Republican River		385		
Larabee Creek—Sec. 6-34-44	263	296		
Larson Pumps—Mud (Beaver) Creek	336	384		
Larson Pump—Muddy Creek	336	385		
Last Chance Canal—Pumpkinseed Creek			634	668
Laughran-Bell Canal—Victoria Creek	336	385		
Lawrence Fork Creek—Various locations	263	296		
Leonard Pump—Middle Loup River		385		
Leui Pumps—Wagner Creek		385		
Libby Canals—Lodgepole Creek	336	386		
Lichte Canals—Niobrara River	337	386		
Lieneman Pump—Beaver Creek		386		
Lincoln County Drain No. 1—Sec. 30-14-30	264	297	491	566
Lincoln County Drain No. 2—Sec. 12-14-33	264	297		
Lisco Canal—North Platte River			634	668
Lockhart Pump—Cedar River		386		
Lodgepole Creek:				
Airport	267	299		
Brownson	267	299		
Bushnell			492	567

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Chappell	270	302	.....	.....
Colorado-Nebraska Line—Ralton Station	270	.....	.....	.....
Dix	266	298	.....	.....
Kimball	265	297	.....	.....
Interstate Station—Sec. 24-12-45	270	.....	.....	.....
Lodgepole	269	301	.....	.....
Potter	266	298	.....	.....
Ralton .....	.....	.....	.....	569
Sidney City Park	268	300	.....	.....
Sunol	269	301	.....	.....
Wyoming-Nebraska Line	264	297	.....	.....
Sec. 32-14-46—East of Lodgepole	269	301	.....	.....
Sec. 36-15-37—Oliver Reservoir, Below	265	297	.....	.....
Sec. 31-15-56—Oliver Reservoir, Below New Ruttner	265	297	493	568
Sec. 29-15-55—Below Owasco Diversion Dam .....	.....	297	.....	.....
Sec. 29-15-55—Bennett Reservoir, Above	265	298	493	568
Sec. 22-15-55—Bennett Reservoir, Below	266	298	.....	.....
Sec. 20-14-50—Runge Canals, Below	267	299	.....	.....
Sec. 33-14-50	267	299	.....	.....
Sec. 32-14-49 .....	.....	300	.....	.....
Sec. 5-13-49—Highway 19	268	300	.....	.....
Sec. 31-14-48—Krueger Canal, Above	268	300	.....	.....
Sec. 29-14-48—Krueger Lake, Below	269	301	.....	.....
Logan Canal—Pumpkinseed Creek	337	387	.....	.....
Logan Pump—White River .....	.....	386	.....	.....
Logan Creek—Uehling .....	.....	.....	494	569
Lone Tree Creek—Sec. 31-49-34	270	.....	.....	.....
Lonergan Creek—Lemoyne	270	302	.....	.....
Long Pine Creek—Riverview .....	.....	.....	494	570
Long Pump—Beaver Creek .....	.....	387	.....	.....
Lord Pump—Beaver Creek .....	.....	387	.....	.....
Lost Creek—Sec. 1-16-44	270	302	.....	.....
Loup River:				
Columbus .....	.....	.....	495	571
Fullerton .....	.....	302	.....	.....
Genoa .....	.....	.....	495	570
Loup River, Middle:				
Arcadia .....	.....	.....	497	573
Dunning .....	.....	.....	496	572
Loup City .....	.....	.....	498	574
Milburn	271	.....	.....	572
St. Paul .....	.....	.....	498	574
Seneca .....	.....	.....	496	571
Walworth .....	.....	.....	497	573

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Loup River, North:				
Brewster			499	....
Burwell	271	302	....	....
Cotesfield			500	576
Ord	271	303	....	....
Scotia			500	575
St. Paul			501	576
Taylor			499	575
Loup River, South:				
Callaway	271	303	....	....
Cumro			501	577
Ravenna			502	577
St. Michael			502	578
Lowery Pump—Cedar River			387	....
Lowry Pump—Clear Creek			387	....
Lunt Reservoir—Valley Home Creek	337	....	....	....
Luther Pump—Mud (Beaver) Creek			387	....
Lyngholm Canal—Lodgepole Creek	337	387	....	....
Lyons Canal—North Platte River			634	668

M

McAuliffe Canals—Lodgepole Creek	337	387	....	....
McCarthy Canal—White Tail Creek	337	388	....	....
McDonald Canal—Republican River	338	....	....	....
McFadden Pumps—Mud (Beaver) Creek			388	....
McFarland Canal—White Clay Creek	338	388	....	....
McGinley-Stover Canals—Niobrara River	338	388	....	....
McGraw Canal—Victoria Creek	338	....	....	....
McGraw Pump—Victoria Creek			388	....
McHatton Pump—Lodgepole Creek	338	389	....	....
McIntosh Canal—Lodgepole Creek			634	668
McKeon Pump—Mud (Beaver) Creek	338	389	....	....
McKinney Pump—Cedar River			389	....
McLain Canal—Stinking Water Creek	338	389	....	....
McLaughlin Canal—Lodgepole Creek	338	389	....	....
McLaughlin Canals—Niobrara River	338	389	....	....
McLernon Pump—Lodgepole Creek	339	....	....	....
McManigal Pump—Cedar River			389	....
McMillan Canal—Middle Loup River	339	....	....	....
McNeil Pump—Mud (Beaver) Creek			389	....
Mace Canal—West Ash Creek			389	....
Malander Pump—Cedar River			389	....
Malone Pump—Stinking Water Creek			390	....
Maltese Cross Canal—Lodgepole Creek	339	390	635	....

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Mansfield Pump—Beaver Creek		390		
Maple Creek—Nickerson				578
Maranville Canal—Frenchman River	340	390		
Martens Pump—Big Bordeaux Creek	339	390		
May Pump—Wiggle Creek		390		
Medicine Creek:				
Cambridge			505	581
Maywood			503	579
Medicine Creek, Above Harry Strunk Lake			503	579
Medicine Creek, Below Harry Strunk Lake			504	580
Medicine Creek Reservoir—See Harry Strunk Lake			504	580
Meeker Canal—Republican River			635	669
Meglemre Canal—Greenwood Creek	339	390		
Melbeta Drain—Sec. 13-21-54, Pages 454, 455	271	303	505	581
Meredith-Ammer Canal—Pumpkinseed Creek			635	669
Messenger Creek—Sumter		303		
Mettlen Canal—Niobrara River	339	390		
Meyer Pump—Republican River	339	390		
Meyers Pump—Republican River		391		
Meyers Pump—Red Willow Creek		391		
Michel Pump—Muddy Creek	339			
Middle Loup Public Power and Irrigation District:				
Canal No. 1—Middle Loup River			635	669
Canal No. 2—Middle Loup River			636	669
Canal No. 3—Middle Loup River			636	670
Canal No. 4—Middle Loup River			636	670
Midland-Overland Canal—North Platte River			637	671
Miller Pump—Beaver Creek		391		
Minatare Canal—North Platte River			637	671
Minnehaduzza Creek—Valentine			506	582
Mirage Flats Canal—Niobrara River and Box Butte Reservoir			638	671
Mitchell Canal—Lodgepole Creek	339	391		
Mitchell Canal—North Platte River			638	671
Mitchell Creek—Above Harry Strunk Lake			506	582
Moffat Drain—Sec. 25-22-52	271			
Moffat Drain, Summary in Acre-feet, Pages 641, 675				
Monroe Canals, Big—Monroe Creek	340	391		
Monroe Creek—Various locations	272	303		
Montague Canal—Niobrara River	340	391		
Montague Pump—Niobrara River		391		
Monter Pump—Muddy Creek		391		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Moon Creek—Loup City	272	304	.....	.....
Moore Canal—Niobrara River	340	392	.....	.....
Morris Pump—Beaver Creek .....	.....	392	.....	.....
Morris Pump—Mud (Beaver) Creek .....	.....	392	.....	.....
Mortensen Pump Mud (Beaver) Creek	340	392	.....	.....
Mousel Canals—Medicine Creek	340	.....	.....	.....
Mozeter Canal—Spring Creek	341	392	.....	.....
Mud (Beaver) Creek:				
Broken Bow	272	.....	507	583
Mud Creek:				
Sweetwater .....	.....	.....	507	583
Muddy Creek—Arapahoe .....	.....	.....	508	584
Muddy Creek—Hazard .....	.....	304	.....	.....
Muhlbach Pump—Mud (Beaver) Creek	341	392	.....	.....
Munson Creek—Elba	272	304	.....	.....
Mutual Canal—Pumpkinseed Creek	341	392	.....	.....
Myers Pump—Beaver Creek .....	.....	392	.....	.....

N

Naslund Canal—Lodgepole Creek	341	392	.....	.....
Nelson Canal—Greenwood Creek	341	393	.....	.....
Nelson Pump—Curtis Creek .....	.....	393	.....	.....
Nelson Pump—Mud (Beaver) Creek .....	.....	393	.....	.....
Nemaha River—Falls City .....	.....	.....	509	585
Nemaha River, Little—Auburn .....	.....	.....	509	585
Nemaha River, Little—Syracuse .....	.....	304	508	584
Nemaha River, Little—(Tributary to) .....	.....	304	.....	.....
Neuman Canals—Lodgepole Creek	342	393	.....	.....
Newton Canal—North Loup River	342	393	.....	.....
New York Creek—Herman .....	.....	.....	510	586
New York Creek—Spiker	272	.....	.....	.....
Nichols Pump—Muddy Creek	342	.....	.....	.....
Niehus Canal—Lawrence Fork Creek	342	393	.....	.....
Nilsen Pump—Mud (Beaver) Creek .....	.....	393	.....	.....
Nine Mile Canal—North Platte River .....	.....	.....	638	672
Nine Mile Drain—McGrew, Pages 454, 455 .....	.....	.....	510	586
Niobrara River:				
Agate	273	304	.....	.....
Box Butte Reservoir, Above .....	.....	.....	511	587
Box Butte Reservoir, Below .....	.....	.....	512	588
Cody .....	.....	.....	513	589
Gordon .....	.....	.....	513	589
Harrison	273	304	.....	.....

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Hay Springs			512	588
Marsland	273	305		
Meadville			514	590
Rushville	273			
Sparks			514	590
Spencer			515	591
Whistle Creek, Below Mouth	273	304		
Wyoming-Nebraska State Line—Sec. 20-31-57	273	304		
Sec. 26-29-48—Below Potmesil Dam	273	305		
Sec. 25-29-56		304		
Sec. 28-49-48		305		
Norman Canal—Indian Creek			393	
Norman Supply Canal—Indian Creek	342	394		
Norris Canal—Bull Drain	342			
North Loup River Public Power and Irrigation District:				
Burwell-Sumter Canal—North Loup River			639	673
Ord-North Loup Canal—North Loup River			638	673
Taylor-Ord Canal—North Loup River			639	672
North Platte Canal—North Platte River			640	674
North Platte Canal Spill—Sec. 25-14-31	342			
Northport Canal—Drains into Tri-State Canal, Pages 641, 675				
Northport Canal—North Platte River and Pathfinder Reservoir			640	674
Northport Canal—Drains, Pages 641, 675			640	674
Nunn Canal—Pumpkinseed Creek	343			

O

Oak Creek—Dannebrog			515	591
Oasis (Kilpatrick) Canal—Snake Creek	334	382		
Oasis (Kilpatrick) Canal—Elmore Reservoir	334	382		
Oberfelder Canals—Lodgepole Creek	343	394		
Oberfelder Canal—Springs	343	394		
Oberg Pump—Lost Creek		394		
O'Donnell Canal—Big Bordeaux Creek	343	394		
Oehlrich Pump—Lost Creek		394		
Ohlson Pump—Beaver Creek		394		
Ohmstead Canal—Ohmstead Reservoir		394		
Ohmstede-Burr Pump—Republican River		395		
Oliver Brothers Canal—Frenchman River		395		
Oliver Reservoir, Storage—Lodgepole Creek,			492	567

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Olson Pump—Beaver Creek		395		
Omaha Creek—Homer			516	592
Omaha Creek, South—Various locations		305		
Omaha Creek—(Tributary to) Various locations		305		
Orchard-Alfalfa Canal—Platte River			641	675
Ord-North Loup Canal—North Loup River			638	673
Oshkosh Canal—North Platte River			641	675
Otter Creek—Lemoynes	274	305		
Owasco Canal—Lodgepole Creek	343		642	676
Owl Creek—Syracuse	274	305		
Ox Yoke Canal—East Ash Creek	343	395		

P

Paalman Pump—Cedar River		395		
Packer Pump—Clear Creek		395		
Paisley Canal—Blue Creek			642	676
Pantenburg Canal—Lodgepole Creek	343	395		
Parks Canal—Republican River	344	395		
Pathfinder Reservoir Storage—North Platte River, Page 8			420	438
Patton Pump—Muddy Creek	344			
Pawnee Creek—Sec. 4-12-27	274	306		
Paxton-Hershey Canal—North Platte River			642	676
Petz Pump—Lodgepole Creek		395		
Perkins Canal—South Loup River		396		
Perry Pump—Mud (Beaver) Creek	344	396		
Persinger Canal—Lodgepole Creek	344	396		
Peters Canal—Pumpkinseed Creek	344	396		
Peterson Canal—Lodgepole Creek	344	396		
Peterson Pumps—Beaver Creek		396		
Phelan Canal—Rock Creek	344	396		
Pine Creek—Colclessers	274	306		
Pioneer Canals—Niobrara River	344	396		
Pioneer Canal—Mud (Beaver) Creek		397		
Platte Rivers:				
Platte River, North:				
Alcova Reservoir				
Outflow			421	439
Storage			420	438
Bridgeport			425	443
Guernsey Reservoir				
Inflow			421	439
Outflow			422	440
Storage			422	440

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Keystone			428	446
Lewellen			426	444
Lisco			425	443
Minatare			424	442
Mitchell			424	442
North Platte			429	447
Oshkosh			426	444
Pathfinder Reservoir, Storage			420	438
Seminole Reservoir, Storage			419	437
Sutherland			429	447
Tri-State Dam, Below			423	441
Wyoming-Nebraska Line			423	441
North Platte—South Platte Confluence			432	449
Platte River, South:				
Julesburg—Year 1950, Page 430			430	448
North Platte			431	449
Paxton			431	448
Platte River:				
Ashland			436	453
Brady			432	450
Cozad			433	450
Duncan			435	452
Grand Island			434	452
North Bend			435	453
Odessa			434	451
Overton			433	451
North Platte Confluence—North Platte			432	449
South Platte Confluence—North Platte			432	449
Plunkett Canal—Plunkett Reservoir		397		
Plunkett Reservoir Canal—Prairie Dog Creek		397		
Plum Creek:				
Farnam	274			
Meadville			516	592
Smithfield			517	593
Ponca Creek—Anoka			517	593
Potmesil Canal—Niobrara River	345	397		
Prairie Creek—Grand Island	274	306		
Prairie Creek—Silver Creek			518	594
Prairie Dog Creek—Woodruff, Kansas			518	
Prairie Dog Creek—Various locations	274	306		
Premier Canal—Lodgepole Creek	345	397		
Private Canal—Springs		397		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Pumpkinseed Creek:				
Bridgeport	275	.....	519	594
Kimball-Gering Highway—Sec. 4-19-55	274	306	.....	.....
Various locations	275	306	.....	.....
Pursell Pump—Medicine Creek .....	.....	397	.....	.....

Q

Quail Pump—Mud (Beaver) Creek .....	.....	397	.....	.....
Quest Canal—South Loup River	345	.....	.....	.....
Quick Pump—Red Willow Creek	345	397	.....	.....
Quinn Canal—Pumpkinseed Creek	345	398	.....	.....

R

Ralton Canal—Lodgepole Creek .....	.....	398	.....	.....
Ralton Pump—Lodgepole Creek	346	398	.....	.....
Ramshorn Canal—North Platte River .....	.....	.....	642	676
Randall Canal—Lawrence Fork Creek	346	398	.....	.....
Rasher-Forbes Canal—White River	346	.....	.....	.....
Rasher Canal—White River	346	398	.....	.....
Rasser Canal—Elm Creek	346	398	.....	.....
Rath Pump—Muddy Creek	346	.....	.....	.....
Ravenna City Pump—Mud (Beaver) Creek .....	.....	398	.....	.....
Red Willow Creek:				
Bayard .....	.....	.....	519	595
McCook	275	307	.....	.....
Red Willow .....	.....	.....	520	595
Red Willow Drain, Pages 454, 455 .....	.....	.....	.....	.....
Red Creek, Little—Sec. 26-33-56 .....	.....	307	.....	.....
Reich Pump—Beaver Creek .....	.....	398	.....	.....
Reinertson Pumps—Mud (Beaver) Creek	346	398	.....	.....
Reisher Pump—Republican River	346	.....	.....	.....
Republican River:				
Benkelman .....	.....	.....	521	597
Bloomington .....	.....	.....	524	600
Cambridge .....	.....	.....	523	599
Guide Rock .....	.....	.....	525	600
Hardy .....	.....	.....	525	601
Max	276	307	.....	.....
Orleans .....	.....	.....	524	599
Stratton .....	.....	.....	522	598
Trenton .....	.....	.....	523	598
Republican River, North Fork—Colorado-Nebraska Line .....	.....	.....	520	596

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Republican River, South Fork:				
Benkelman			522	597
Colorado-Kansas Line			521	596
Reservoirs:				
Alcova, Page 8			420	438
Bennett, Page 10			493	568
Box Butte, Page 9			511	587
Crescent Lake, Page 10			477	552
Elmore (Kilpatrick), Page 11			485	560
Enders, Page 9			488	563
Guernsey, Page 8			421	439
Kingsley, Page 8			427	445
Kortes			419	437
Oliver (Kimball Irrigation District), Page 10			492	567
Pathfinder, Page 8			420	438
Seminole			419	437
Harry Strunk Lake (Medicine Creek), Page 8			504	580
Sutherland, Page 9			428	446
Whitney, Page 10			537	612
Richardson Pump—Medicine Creek	346			
Riverside Canal—Frenchman River	347	399		
Riverside Pump—Republican River		399		
Robinson, Catherine, Pump—Mud (Beaver) Creek	347	399		
Robinson-Wilke Pumps—Mud (Beaver) Creek	347	399		
Rock Creek:				
Parks			526	601
Rockville			308	
Rodgers Canal—Pumpkinseed Creek	347	399		
Rope Creek—Alma	276	308		
Round House Rock Canal—Pumpkinseed Creek	347	399		
Ruggles Pump—Red Willow Creek	347	399		
Rumstick Pump—Beaver Creek		399		
Runck Pump—Republican River		400		
Runge Canals—Lodgepole Creek	347	400		
Runge Pump—Lodgepole Creek	347	400		
Russell Canal—Blackwood Creek	348	400		
Russell Pump—Brushy Creek		400		
Ruttner Canal—Lodgepole Creek	348	400		
Ruttner Canal, New—Lodgepole Creek			643	677
Ruttner-Kinney Canal—Lodgepole Creek			643	677

	Measurements		Daily Discharge	
	1951	1952	1951	1952
S				
Sallach Pump—Beaver Creek	401			
Salt Creek:				
Ashland			527	603
Lincoln			526	602
Roca			527	602
Sand Creek—Various locations	276	308		
Sanders Pump—Mud (Beaver) Creek	402			
Sappa Creek:				
Beaver City			528	603
Stamford			528	604
Sarben Slough—Sec. 20-14-35	276	308		
Schilt-Cedar Creek Canal—Cedar Creek	401			
Schilt-Monroe Canal—Monroe Creek	348	401		
Schilt-Prairie Dog Canal—Prairie Dog Creek	401			
Schmelzer Pump—Medicine Creek	401			
Schmitz Pump—Driftwood Creek	348	401		
Schnell Canal—Pumpkinseed Creek	348	401		
Schulz Pump—Mud (Beaver) Creek	348	401		
Schumacher Pump—White River	401			
Scott Canals—Pumpkinseed Creek and Scott Reservoir	349	402		
Scott Pumps—Cedar River		402		
Scottsbluff Drain No. 1—Sec. 25-22-55, Pages 454, 455	276	308		
Scottsbluff Drain No. 2—Sec. 34-22-54, Pages 454, 455	276	308		
Scout Creek—North Platte	277	309		
Scripter Canal—Clear Creek	349	402		
Sears Canal—Pumpkinseed Creek	402			
Seegrst Canal—Indian Creek and Renfro Reservoir	402			
Self Pump—Beaver Creek	402			
Seminole Reservoir, Storage—North Platte River			419	437
Severns Pump—Frenchman River	349	403		
Shaffer Pump—Beaver Creek	403			
Shaw Pump—South Loup River	403			
Sheep Creek—Morrill			529	604
Sheep Creek Drain, Pages 454, 455				
Sheep Creek, Summary in Acre-feet, Pages 641, 675				
Sheldon Canal—East Ash Creek	349	403		
Sheldon Drain Ditch—Sec. 14-11-26	277	309		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Shell Creek:				
Columbus			530	605
Newman Grove			529	605
Shepherd Canal—Squaw Creek	349	403		
Shepherd Creek—North Loup		309		
Sherbeck Pump—Clear Creek		403		
Sherbeck Pump—Mud (Beaver) Creek		403		
Sheridan-Wilson Canal—North Platte River			643	678
Sheridan-Wilson Canal—Sarben Slough			643	678
Short Line Canal—North Platte River			644	679
Silver Creek:				
Cedar Bluffs	277			
Colon	277	309		
Grand Island	277	309		
Ithaca			530	606
Silvernail Drain—Sec. 6-19-49	277	309		
Simons Canal—Little Cottonwood Creek	349	403		
Sims-Engell Pump—Frenchman River		403		
Six Mile Canal—Platte River			644	679
Skochdopole Pump—Mud (Beaver) Creek	349	403		
Skunk Creek—Sec. 1-14-37	277	310		
Slattery Canal—Jim Creek and Caladonia Reservoir				
Reservoir	349	403		
Slattery Canal—Dead Horse Creek	349	404		
Smith Canal—Boggy Creek		404		
Smith Canal—Lodgepole Creek	350	404		
Smith Pump—Cedar River		404		
Smith Pump—South Loup River		404		
Smith-Wheeler Canals—Pumpkinseed Creek	350	404		
Snake River—Burge			531	606
Snake Creek—Various locations	278	310		
Snow Canal—Niobrara River	350	404		
Soderquist Canals—Lodgepole Creek	350	404		
Soldier Creek—Various locations	278	310		
Sow Belly Supply Canal, Old—Sow Belly Creek	351	405		
Sow Belly Canals, Old—Sow Belly Creek	350	405		
Sow Belly Creek—Various locations	278	310		
Spohn Canal—North Platte River			645	679
Spotted Tail Creek, Dry—Mitchell			531	607
Spotted Tail Creek, Dry, Summary in Acres, Pages 454, 455, 457				
Spotted Tail Creek, Wet—Sec. 6-22-55	279	311		
Spotted Tail Creek, Wet, Summary in Acres, Pages 454, 455, 457				

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Spring Branch Canal—Lawrence Fork Creek	351	405		
Spring Creek:				
Butte	279			
Cushing			532	607
Oxford		311		
Sumter		311		
Various locations	279	311		
Spring Creek Canal—Spring Creek		405		
Spring Creek Canal No. 1—Spring Creek		405		
Springer Pump—Beaver Creek		405		
Squaw Creek Canal—Spring Creek	351	405		
Squaw Creek Canal—Squaw Creek and Reservoir				
Squaw Creek—Various locations	279	311		
Stansbie Pump—Muddy Creek	351			
Stephenson Pump—Republican River		405		
Stevens Pump—Clear Creek		406		
Stevens Pump—Mud Creek		406		
Stinking Water Creek—Palisade			532	608
Stinking Water Creek—Sec. 18-6-35	280			
Stove Creek—Elmwood	280			
Stretter Pump—Beaver Creek		406		
Strever Creek—Sec. 1-8-20	280	312	533	608
Strunk, Harry, Lake (Storage contents)—				
Medicine Creek			504	580
Stuart Brothers Canals—Little Cottonwood Creek	351	406		
Stuart-Maple Canal—Little Cottonwood Creek		406		
Stuht Canal—Lodgepole Creek	351	406		
Stumph Canal—East Ash Creek	351	406		
Stute Pump—Buffalo Creek		406		
Suburban Canal—North Platte River			645	679
Sudman Canal—Lodgepole Creek	351	407		
Superior Canal—Republican River	352		645	680
Sutherland Canal—North Platte River			646	680
Sutherland Canal—South Platte River			646	681
Sutherland Power Return to South Platte River		407	647	681
Sutherland Reservoir Storage System, Page 9			428	446
Sutton Pump—Indian Creek	352			
Swanson Pump—Cedar River		407		
Sweet Creek—Cairo	280	312		
Swenson Pump—Ash Creek		407		
Sylvan Dell Canal—Driftwood Creek	352			

	Measurements		Daily Discharge	
	1951	1952	1951	1952
T				
Taylor Canal—Niobrara River and Pepper Creek		407		
Taylor-Ord Canal—North Loup River			639	672
Tekamah Creek—Tekamah	280	312	533	609
Thirty Mile Canal—Platte River			647	682
Thomas Canal—Big Bordeaux Creek		407		
Thomas Canal—East Ash Creek		407		
Thompson Creek—Riverton			534	609
Thorstensen Pump—Lodgepole Creek	352	407		
Tobin Canal—Lodgepole Creek	352	408		
Todd Canal—East Ash Creek		408		
Towne Pump—Medicine Creek	352	408		
Tracy Canal—Lodgepole Creek	352	408		
Trails End Canal—Pumpkinseed Creek	353	408		
Trails End Canal Pump—Pumpkinseed Creek	353			
Tri-County Canal—Platte River			648	682
Tri-County Canal—Jeffrey Power Return to Platte River			648	683
Tri-County Canal—Johnson Power Return to Platte River			649	683
Tridle Pump—Muddy Creek		408		
Trinnier Canal—Greenwood Creek	353	408		
Tri-State Canal:				
Akers Draw		408		
Alliance Drain, For D-918 lands North Platte River and Pathfinder Reservoir	353	409	649	684
Trognitz Canal—Lodgepole Creek	353	409		
Trunk Butte Creek—Sec. 25-33-50		312		
Tub Springs—Above Enterprise Canal, Sec. 33-32-55	280	312		
Tub Springs—Scottsbluff			534	610
Tub Springs Drain, Pages 454, 455				
Tupper Pump—Indian Creek	353			
Turkey Creek:				
Dannebrog	280	312		
Naponee			535	610
Pawnee City		312		
Turley Pump—South Loup River		409		
Turner Canal, South—Antelope Creek	354	409		
Turner Reservoir Canal No. 2—Antelope Creek	354	409		
Turtle Creek—Elyria		312		

Measurements		Daily Discharge	
1951	1952	1951	1952

U

Uhlig Pump—South Loup River	409		
Umberger Pump—Beaver Creek	409		
Union Canal—Blue Creek and Crescent Lake		650	685
Urbach Canal—Lodgepole Creek	354	409	

V

Valley Reservoir—Bell Creek	354		
Van Ackeran Plant—Cedar River	410		
Van Cleave Pump—South Loup River	410		
Vanderheiden Pump—Cedar River	410		
Vansant and Scott Pump—Clear Creek	410		
Van Treek Canal—East Saw Log Creek	354		
Verdigre River—Verdigre	280		
Victoria Canals—Victoria Creek	354	410	
Victoria Creek—Gates	281	313	
Victoria Creek—Sec. 6-19-20		313	
Vocke Pump—Clear Creek	410		
Vosburgh Pump—Cedar River	410		

W

Wagner Creek—Comstock	281	313	
Wahoo Creek:			
Ithaca			535 611
Prague	281	313	
Weston	281		
Walker Pump—Cedar River	410		
Wall Pump—South Loup River	410		
Wallace Creek—Scotia	313		
Walnut Run Creek—Franklin	281	313	
Warbonnet Canals—Warbonnet Creek	354	411	
Warbonnet Creek—Various locations	281	313	
Warneke Canal—Niobrara River	411		
Wasserburger Canal—Wasserburger Reservoir	411		
Wasserburger Pump—Hat Creek	411		
Watson Pump—Beaver Creek	411		
Wearin Canal—Lodgepole Creek	354	411	
Weaver Pump—South Loup River	411		
Weeping Water Creek—Elmwood	281		
Weeping Water Creek—Union		536	611
Weeping Water Creek—Weeping Water	281	313	

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Wentling Canal—Beaver Creek		411		
Wertz Canal—Lodgepole Creek	355	412		
West and Schumacher Pump—Mud Creek		412		
Western Canal—South Platte River			650	685
Whistle Creek—Sec. 12-28-54	281	313		
White Clay Creek—Crawford	282	314		
White Clay Creek—Various locations	282	314		
White Head Creek—Sec. 13-33-54		314		
White Horse Creek—Gannett	282	314		
White River Canals—White River	355	412		
White River:				
Crawford			536	612
Whitney		314	537	613
Various locations	282	314		
White Tail Creek—Sec. 36-15-38	283	315		
Whiteman Fork—Sec. 26-6-39		308		
Whitney Pipe Line—White River	355			
Whitney Reservoir, General, Page 10			537	612
Whitney Reservoir—White River			537	612
Wickersham Canals—Boggy Creek	355	412		
Wickersham Supply Canal—Boggy Creek	355	412		
Wiedel Pump—Republican River		412		
Wiegand Canals—Lodgepole Creek	355	412		
Wiggle Creek—Loup City	283	315		
Wilds Canals—Lodgepole Creek	356	413		
Williams Pump—Beaver Creek		413		
Williams Pump—Mud (Beaver) Creek		413		
Willow Creek—Guide Rock	283	315		
Willow Springs Canals—Willow Creek		413		
Winters Creek—Scottsbluff			538	613
Winters Creek Canal—North Platte River			651	686
Winters Creek Canal—Winters Creek			651	686
Pages 454, 455				
Winters Creek Lateral—Winters Creek			651	686
Wise Pump—Cedar River		413		
Wolfe Canal—Lodgepole Creek	356	413		
Wolfe Pump—Shell Creek		413		
Wood River:				
Gibbon			538	614
Grand Island	283			
Lomax		315		
Riverdale			539	614
Sec. 9-9-15		315		
Woodruff Canals—Jim Creek	356	414		

	Measurements		Daily Discharge	
	1951	1952	1951	1952
Woodworth Pump—Beaver Creek		414		
Worden Pump—Republican River	356	414		
Wright Canal—Pumpkinseed Creek	356	414		

Y

Yanda Pumps—Mud (Beaver) Creek	356	414		
Young Canal—Brushy Creek		414		

Z

Zabka Pump—Cedar River		414		
Zerbst Canal—Little Red Creek		414		
Ziegler Pump—Thompson Creek		414		
Zimmerman Canal—Sow Belly Creek	356	415		
Zinnel Pumps—Mud (Beaver) Creek		415		
Zurovski Pump—Beaver Creek		415		