

TWENTY-SECOND BIENNIAL REPORT

OF THE

BUREAU OF IRRIGATION,
WATER POWER AND DRAINAGE

OF THE

DEPARTMENT OF ROADS
AND IRRIGATION

TO

HONORABLE R. L. COCHRAN

GOVERNOR OF THE STATE OF NEBRASKA
LINCOLN, NEBRASKA

1937-1938

PART 2

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REPORT OF BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE

DIVISION OF IRRIGATION
DIVISION OF STATISTICS

DIVISION OF WATER POWER AND DRAINAGE
DIVISION OF HYDROGRAPHY AND SURVEYS

EXECUTIVES AND EMPLOYEES

of the

BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

A. C. Tilley, State Engineer.....	Lincoln
Robert H. Willis, Chief.....	Bridgeport
M. S. Dodd, Assitant Chief.....	Bridgeport
A. W. Hall, Senior Hydrographer.....	Bridgeport
Fred Hervert, Office Engineer.....	Bridgeport
K. S. Essex, Junior Hydrographer.....	Bridgeport
John Rasmussen, Superintendent Division No. 2.....	Crawford
K. I. Ward, Statistician.....	Lincoln
Wilma Clay, Clerk-Stenographer.....	Lincoln
Jane Tenk, Clerk-Stenographer.....	Bridgeport
Joe Pokorny, Clerk.....	Lincoln
Genevieve Eubank, Stenographer.....	Lincoln
Wilma Nichoalds, Stenographer.....	Bridgeport
Maxine McKibbon, Stenographer.....	Bridgeport

WATER COMMISSIONERS

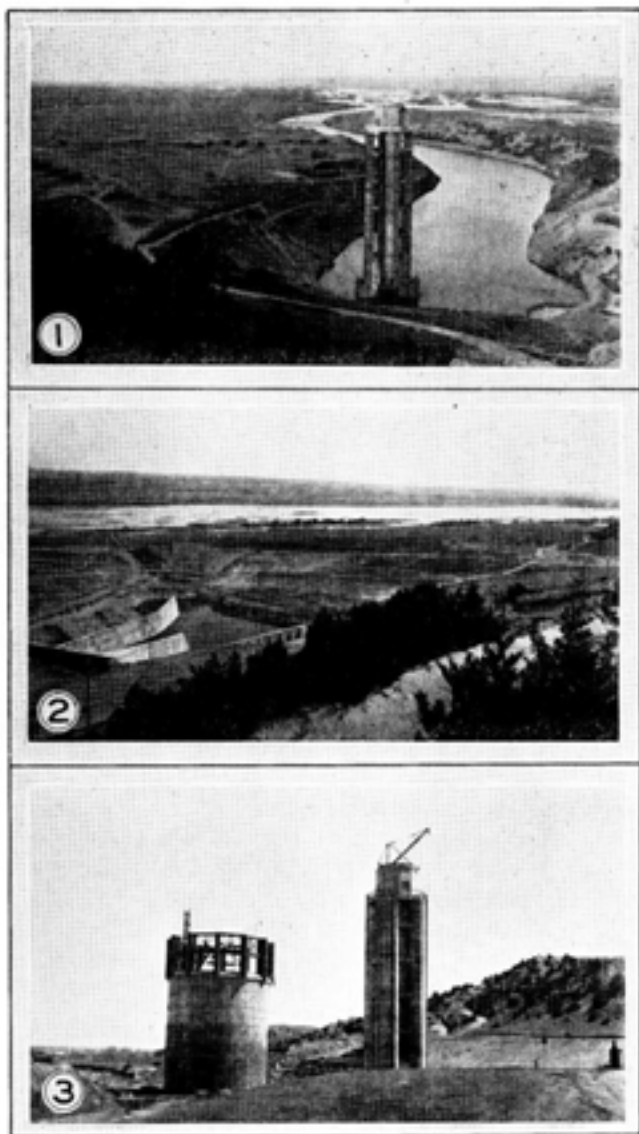
S. B. Hanna.....	Kimball
J. P. Hansen.....	Sidney
Geo. Gerlach	Culbertson

ACTING WATER COMMISSIONERS

Frank Ludden	Scottsbluff
Mark Mallett	Bridgeport
A. H. Hamilton.....	Bridgeport
(Mr. Hamilton succeeded Mr. Mallett)	
Guy Roberts	Lewellen
Albert McDermott	North Platte

OBSERVERS

Arlan Luxa	Julesburg
W. L. Joiner.....	Torrington
Ether Goodlett	Odessa
Robert W. Goodlett.....	Odessa
(Mr. Goodlett succeeded Esther Goodlett)	
E. D. Long.....	Overton
W. D. Sanders.....	Boelus



Views of Kingsley Dam—No. 1, Control tower. No. 2, Outlet of control tunnel and Morning Glory overflow tunnel. No. 3, Control tower and Morning Glory overflow.

Bridgeport, Nebraska,
September 30, 1938.

Hon. A. C. Talley, State Engineer,
Department of Roads and Irrigation,
Lincoln, Nebraska.

Dear Sir:

Pursuant to the usual custom, I have the honor of reporting resultant activities of the Bureau of Irrigation, Water Power, and Drainage, for the biennium ending September 30, 1938.

Water Supply

The annual water supply of the Platte River basin for the 1937-1938 biennium was thirteen per cent greater than the 1935-1936 biennium. The supply for the months of July and August of the 1937-1938 biennium was forty-four per cent greater than the 1935-1936 biennium. However, the supply in July and August of the 1937-1938 biennium was approximately twenty-seven per cent below the ten year mean (1928-1937). The section, Slate Lane to Mitchell, received an excess of approximately seven per cent above the ten year mean during July and August of the 1937-1938 biennium. During the same period the section, North Platte to Overton, had a deficiency of approximately sixty-six per cent.

The snowfall reported by the United States Weather Bureau of Cheyenne, Wyoming) at the higher elevations of the North Platte River basin as of April 30, was 116 per cent of normal in 1937 or twenty-nine per cent greater than 1936. For 1938, it was ninety-seven per cent of normal. The water equivalent was 13.78 inches and 11.75 inches respectively.

The runoff above the Pathfinder dam for the year ending September 30, 1937, was approximately 1,151,000 acre-feet or 99.4 per cent of the twenty-eight year mean (1911-1934), and approximately 1,335,000 acre-feet for the year ending September 30, 1938, or 98.8 per cent. Approximately 653,000 acre-feet of the 1937 runoff were impounded in the Pathfinder Reservoir, and approximately 507,000 acre-feet of the 1938 runoff were impounded in the Pathfinder and Alcoa Reservoirs. In addition to the water impounded in the Pathfinder and Alcoa Reservoirs, there were approximately 53,000 acre-feet of the natural runoff impounded in the Guernsey Reservoir between May 1 and September 30, 1937, and 40,000 acre-feet for a similar period in 1938.

The quantity of storage water reaching the Wyoming-Nebraska line, as reported from the Guernsey office of the U. S. Reclamation

Service, was approximately 61,500 acre-feet in 1937, and 72,100 acre-feet in 1938.

The total natural flow passing the State Line between May 1 and September 30, 1937, was approximately 299,800 acre-feet; 136,001 acre-feet passed the Sutherland Gaging Station, and 68,000 acre-feet passed the Overton Station. In 1938, the natural flow passing the State Line during the months of May to September inclusive, was approximately 249,300 acre-feet; 115,800 acre-feet were flowing in the North Platte River at the Sutherland Station; and approximately 316,000 acre-feet passed the Overton Station.

The total annual diversions of natural flow between the State Line and Oleska were approximately 669,500 acre-feet, and 638,300 acre-feet in 1937 and 1938 respectively.

All the water in the basin between July 1 and September 30, 1937, and between July 15 and August 25, 1938, was consumed before reaching Oleska, Nebraska.

The total flow of the South Platte River at North Platte for the 1935-1936 water years was sixty-seven per cent greater than the total 1937-1938 flow. The former biennium flow was eighty-four per cent, and the latter biennium flow was fifty per cent of the ten year mean (1928-1937).

The total flow of the South Platte River at Julesburg, Colorado, for the 1935-1936 biennium was fifty-six per cent greater than the total flow for the 1937-1938 biennium. The 1935-1936 total flow was ninety-four per cent of the ten year mean (1928-1937), and the total 1937-1938 flow was sixty per cent of the ten year mean.

The Western Irrigation District diverts from the South Platte River just east of the Colorado-Nebraska Line, a distance of about seven miles from the Julesburg Gaging Station. The records show that the Western Irrigation District diverted in the 1937 season, 32,239 acre-feet, and 28,169 acre-feet in 1938, or 2.86 acre-feet and 2.24 acre-feet per acre, respectively. Several farm units of the district received groundwater by pumping during the biennium. This canal was closed ten days during the first half of August 1938, in favor of Kearney irrigation and power.

The total flow of the White River at Crawford for this biennium was twenty per cent less than the 1935-1936 biennium; the Elkhorn River at Waterloo was one per cent more; the Republican River at Harry was forty-one per cent less; the Big Blue at Barnesbut was twenty-eight per cent less; the Little Blue was twenty-six per cent less; the Frenchman River at Culbertson was twenty-six per cent less; Lodgepole Creek was ten per cent less; and the Loup at Columbus was twenty-two per cent less.

Pump Irrigation

Apparently, an increase in groundwater diversions by use of pumps in all parts of the State has taken place during the biennium. The

Department of Roads and Irrigation is not authorized by Statute to exercise jurisdiction over groundwater diversions, therefore no jurisdiction is attempted and no authentic information is available regarding the extent of pump irrigation from groundwater in the State.

Administration

Insufficient precipitation is the chief factor in the problem of water distribution. When the precipitation is below normal, the demand reacts in a reverse ratio. At some point between the east and west ends of the State, there is a north and south line across the State of Nebraska dividing the arid conditions from the humid. This line is not stationary; it moves backward and forward covering a north and south strip perhaps one hundred miles in width. The demand is greatest when the line has reached its eastern limit. There is no one thing with which a farmer contends in the operation of his farm that will cause more anxiety than insufficient moisture for his crops. In the arid and semi-arid sections of the State many millions of dollars have been invested in miles of canals for conveying water to crops and reservoirs for storage of supplemental supply. The fullest advantage of this investment cannot be obtained without some authoritative body to carry on an orderly distribution of the water supply.

The Nebraska Statutes provide for the distribution of water on the basis of priority. However, there is a "fly in the ointment" creating a general resentment among water users under certain closed-in times of water shortage, namely, the requisition of water each year for June 15 on which no water will be applied. It is a recurring subject for argument with water users. This situation is a major complaint coming to the Department of Roads and Irrigation in times of scarcity. It would seem to be a matter that should be "worked out" by the water users and not by the Department.

The administration of the water supply for the 1938 season was conducted with less effort, considering the irrigation season as a whole, than the 1937 season, apparently due to (1) less evaporation, (2) precipitation doubled that of 1937, consequently creating less demand. The projects west of Bridgeport did not avail themselves of the three acre-foot privilege during the 1938 season due, perhaps to related conditions being about or better than normal.

A superficial study of the 1935 to 1938 diversions of the available water in the Platte River basin, as shown by the records of the Bureau of Irrigation, reveals an interesting situation covering the first four years. The Platte River basin in Nebraska is divided into three sections for comparison, namely, (1) Wyoming-Nebraska line to Minutane, (2) Minutane to North Platte, and (3) North Platte to Ogessa. The mean percentage of the total water diverted annually between May 1 and September 30, in the first section is ninety-six per cent, and four per cent during the remaining seven months. The second section

diverted eighty per cent between May 1 and September 30, and twenty per cent during the remainder of the year. The third section diverted forty-eight per cent between May 1 and September 30, and fifty-two per cent between October 1 and April 30. Approximately twenty-two per cent of the water diverted in the first section is storage water.

Appropriations antedating December 25, 1892, were not closed during 1937, but appropriations subsequent to December 25, 1892, were permitted to take natural flow in the order of priority intermittently. From August 13 to 16, 1938, all appropriations subsequent to September 11, 1892, were closed to natural flow.

Water Commissioners

Four acting water commissioners were on duty every day including Sundays and holidays in the Platte River basin from April 20 to September 30, 1937, and from May 1 to September 30, 1938. One water commissioner supervised the distribution of the Lodgepole Creek Water in Kitball County during both seasons and one on Lodgepole Creek in Deuel and Cheyenne Counties for each season. One water superintendent was in charge of distribution for each season on the White River, Nebraska River, and Hat Creek. One water commissioner administered the water of the Republican and Frenchman Rivers during the biennium.

Two hydrographers were occupied during the entire biennium in the Platte River basin. The personnel of the Bureau of Irrigation was not large enough to perform all the duties assigned to it, hence no supervision was attempted on the South Platte River as provided by the Colorado-Nebraska Compact, and for the same reason no administration of the water in streams of the State east of Kearney was provided.

As yet no request has been made to the Bureau of Irrigation for administration of the available water supply of the Loup River basin and the Blue River basins. However, there can be no doubt as to requests being made during the coming biennium. The normal flow in these basins is over appropriated, consequently, requests will be made on the Bureau of Irrigation to divide the water supply in times of scarcity. As now organized, the Bureau cannot take over any more administrative duties.

Hydrography

Section 81-8308, Statutes of Nebraska, 1929, provides that the Department of Roads and Irrigation shall make stream measurements as a basis for administration of the water supply.

Under an annual cooperative agreement between the United States Geological Survey and the State of Nebraska, stream measurements are made by the Geological Survey hydrographers to the same extent that measurements are made by Nebraska hydrographers or its equivalent in equipment used in that work.

In the 1937 water year, Nebraska expended for hydrographical work \$15,885.04, and \$15,367.17 in the 1938 water year. The Geological Survey expended an equivalent amount.

This arrangement is not exactly a matching proposition. It was necessary for Nebraska to invest this amount of money in this work had there been no cooperation, however, twice as much work was accomplished through cooperation. Nebraska has two hydrographers on its payroll and could use four advantageously.

Since the present cooperation was started in 1931, the United States Geological Survey established a majority of the existing gaging stations with substantial shelters and automatic water stage recorders, mostly of the latest type. In addition to equipment, the Survey has paid observers for two daily readings at a number of gaging stations that do not have automatic recorders. The Survey maintains an experienced hydrographer at Bridgeport who makes all the stream and canal measurements in the basin between the Wyoming Nebraska Line and Bridgeport, and also one experienced hydrographer is employed by the Survey to maintain twenty-one stations in the eastern half of the State. The Survey computes the records of all the cooperative stations. The number of cooperative stations in Nebraska on September 30, 1938, was sixty. Of this number twenty-nine are furnished, maintained, and equipped with automatic recorders by the United States Geological Survey, one by the United States Weather Bureau, and five by the State of Nebraska. Fourteen stations are equipped with chain gages and eleven with staff gages. Each of the thirty-five stations is equipped with one automatic recorder with the exception of Julesburg, Colorado and Bridgeport, Nebraska, the former station has three recorders and the latter has two. One of the recorders at Bridgeport is a long distance recorder. The cooperative work of the Geological Survey is of great help to the State under the present agreement arrangements, and is very much appreciated.

Precipitation and Evaporation.

The annual precipitation in the Platte Valley west of Lexington for the 1938 water year was approximately eighteen per cent greater than the 1937 water year. East of Lexington it was approximately fourteen per cent more than 1937. In the northwestern part of the State, the precipitation for the 1938 water year was approximately forty-one per cent greater than the 1937 water year; and around Culbertson, the 1938 water year received ninety-five per cent more precipitation than in 1937.

The evaporation for the months of May to September inclusive was as follows: At Mitchell, 1938 was twelve per cent less than 1937; at Bridgeport, 1938 was five per cent less than 1937, and at North Platte, the 1938 evaporation was three per cent greater than 1937. Evaporation at Bridgeport was 105 per cent of the eight year mean in 1937, and 94 per cent in 1938.

Township Maps

It is very helpful to the Bureau of Irrigation, as well as to the general public, to have available maps showing irrigation works, irrigated areas, streams, reservoirs, and other useful data. The Bureau of Irrigation has attempted, without success, the continuance of the policy adopted about the year 1900, of making new and revising old township maps on tracing cloth. The personnel of the Bureau of Irrigation is not sufficient in number to keep the township maps up-to-date. The maps are approximately ten to fifteen years in Arrear. The Department must necessarily forgo the duty of certifying these township maps when requests are made for blue prints by attorneys and others for use in lawsuits or other purposes.

Through arrangements with the Nebraska State Planning Board, a survey of Lodgepole and Boardman Creeks, and canals diverting therefrom, was made during the spring and summer of 1935. Ultimately the results of this survey will be the basis for revision of only those township maps coming within the limits of the survey. Aerial survey maps, covering more than half of the state, were recently made and are available. The survey of the area between the Missouri river and the west line of Keith County was sponsored by the Agricultural Adjustment Administration and Soil Conservation Service coordinating, and the area in the North Platte Valley from the Wyoming-Nebraska Line to the east boundary of Morrill County was surveyed by the United States Forest Service.

Although these maps may be obtained at a comparatively small cost by the Department of Roads and Irrigation and used for the purpose of revising the township maps, the Bureau of Irrigation does not have a draftsman available for this work.

Reservoirs

The Oliver Reservoir receives its storage supply from Lodgepole Creek runoff above the Bushnell Gaging Station in Kimball County. It has a capacity of 5500 acre-feet. On October 10, 1936, there was a carry-over of 320 acre-feet, and there were 4305 acre-feet impounded prior to September 30, 1937, making a total of 4625 acre-feet of storage water available for the 1937 season. On September 30, there were 490 acre-feet carry-over and 6850 acre-feet impounded prior to September 1938, making available for the 1938 season 7280 acre-feet of storage.

The Whitney Reservoir record for 1937 is not very accurate as too long periods of time have elapsed between observations to give any more than a fair estimate of the contents. On September 1, 1935, there were 400 acre-feet in the reservoir. Between that date and May 3, 1937, there were 9130 acre-feet impounded, making a total of 9530 acre-feet available for the 1937 season. On August 19, 1937, there were in storage 3770 acre-feet. Between August 19, 1937, and September 14, 1938, there were impounded 6825 acre-feet, making a total of 10,595 acre-feet of storage water available for the 1938 season.

The Bennett Reservoir is a channel reservoir on the Lodgepole Creek approximately three miles east of Kimball. The owners of this reservoir have not supplied the Department with weekly information during the 1937-1938 biennium. The Kilpatrick Reservoir is in the same situation, and it is possible that these two reservoirs are inactive.

Crescent Lake is a natural sand hill reservoir located about thirty-five miles north of Oakbrook, Nebraska. The water surface elevation of this lake on November 5, 1936 was 3779.2; September 24, 1937, 3776.5, and August 24, 1938, 3776.0, a drop of 3.2 feet. This drop is charged to evaporation. No water was withdrawn for irrigation during the 1937-1938 biennium.

The Platte Valley Public Power and Irrigation District diverted from the North Platte River, between November 1, 1936 and March 31, 1937, 159,142 acre-feet for storage in the Sutherland Reservoir by virtue of Application 2350. The Sutherland Reservoir had a capacity of approximately 250 acre-feet of live storage on November 4, 1936. By March 31, 91,550 acre-feet were impounded making a total of 91,550 acre-feet storage water in the Sutherland Reservoir. Impounding of natural flow from the North Platte was discontinued on March 31, 1937. The total quantity of water returned to the river through the penstocks for the water year ending September 30, 1937, was 53,210 acre-feet. Diversion from the North Platte River was resumed on March 20, 1938, and continued until June 11, 1938. A total of 96,940 acre-feet was diverted. Between April 3, and June 9, 1938, 49,241 acre-feet were impounded in the Sutherland Reservoir. No water was returned to the river during the 1938 water year. The quantity in the reservoir on September 30, was 17,845 acre-feet.

The Department is not fully informed as to the number of small reservoirs in the State constructed by or under the supervision of several Federal agencies. The capacity of these small reservoirs vary but probably will average around eight-acre feet. These small reservoirs retard, partially, the runoff, thereby reducing erosion. It is also reported that the water impounded will be used for stock purposes. However, only recorded permits will be protected by the Department of Roads and Irrigation.

New Development

The hydro-electric power and storage project of the Platte Valley Public Power and Irrigation District is completed and was operated intermittently during the 1937 and 1938 water years.

The hydro-electric power project of the Loup River Public District near Columbus is completed and has been operating since March 1937.

During the middle summer months of 1938, the North Loup River Public Power and Irrigation District supplied water to an unreported acreage, and approximately 750 acres were irrigated within the Middle Loup Public Power and Irrigation District.

The Phelps Canal of The Central Nebraska Public Power and Irrigation District diverted 24,018 acre-feet of water to 3,825 acres of land in Phelps County north of Holdrege in 1938. Approximately sixty-nine per cent was diverted between October 1 and July 1, fifteen per cent in July, three per cent in August, and thirteen per cent in September.

Litigation

Hearings in the Nebraska vs. Wyoming and Colorado suit, which was initiated in the Supreme Court of the United States in September 1934, were held before Honorable M. J. Doherty, Master in Chancery. Nine sessions comprising one hundred days of hearing were held during the 1937 and 1938 biennium, four of which were at Lincoln, three at North Platte, and two at Scottsbluff. The United States Reclamation Service was permitted by the United States Supreme Court to enter the suit as an intervenor on May 16, 1938. It is expected that Nebraska will rest in the presentation of its case by early spring of 1939.

The suit of United States of America vs. A. C. Tolley, R. H. Wilho, and Farmers Irrigation District was initiated November 20, 1937. This suit was filed in the Federal District Court in North Platte, Nebraska, seeking to enjoin the State officials from permitting the Farmers Irrigation District of Scottsbluff from receiving more water than is set out in the Warren Act Contract schedule, and to enjoin the Farmers Irrigation District from intercepting and using the water enroute to the North Platte River from irrigated area within the boundaries of the Pathfinder Irrigation District. The case affects a situation in which the Federal Government is asserting the ownership of return flow, or in other words, claiming the residue of an appropriation of water diverted from the North Platte River and applied to lands reclaimed by the water users within the Pathfinder Irrigation District. This case was argued before Federal District Judge J. A. Donohoe during June 20 to 28, 1938, inclusive. No decision was rendered at the time of publishing this report.

A suit entitled "State of Nebraska Ex Rel, Horace Cary, et al vs. R. L. Cochran, et al" was started January 29, 1938. The action was a mandamus suit filed in the Buffalo County District Court by the irrigators under the Kearney Canal, and the Central Power Company of Kearney to force the Department of Roads and Irrigation to administer the available water supply of the Platte River Basin on a strictly priority basis. The hearings were held in Kearney August 1 to 5 and August 10 to 13, 1938, inclusive. No decision was rendered at the time of publishing this report.

In the late summer of 1936, injunction proceedings were initiated by the Winters Creek Irrigation Company and the Enterprise Irrigation District to prevent the Department of Roads and Irrigation from limiting the quantity of water diverted by these two projects to three

acre-feet per acre measured at the point of diversion from the stream. The Department's action was prompted by the insistence of several projects diverting between Hedgeport and Singlare. These projects were among the many having rights subsequent to October 17, 1880, and had been closed and denied water for most of the season. The water users under these projects called on the Department and demanded such projects having received three acre-feet be closed as provided by Section 87-6311, Compiled Statutes of Nebraska, 1929, and permit subsequent appropriators to use this water on their best crops in the order of priority. The case is now in the State Supreme Court.

Statistical Summary

The following is a summary of the statistical record for the biennium ending September 30, 1935:

Applications for water appropriations.....	244
Permits issued.....	221
Appropriations canceled.....	56
Applications dismissed.....	4
Total applications pending.....	40
Hearings held.....	10
Relocation permits.....	12
Optional diversion permits.....	7
Water power leases.....	2
Deeds recorded.....	41
Districts organized under Article VII, Laws of Nebraska, 1933, Ch. 86	
Public power and irrigation districts.....	5
Public rural electrification districts.....	12
Public pump districts for underground water.....	4
Field investigations.....	80
Maps and plans filed.....	314
Stream and canal gaging made by Nebraska.....	5485
Stream and canal gaging made by U.S.G.S.....	3570
Gaging stations with automatic recorders.....	38
Gaging stations with observers.....	29
Fees collected covering:	
Applications, plans, water power leases, deeds and petitions.....	\$14,052.60
Copying records.....	895.20
Total fees.....	\$14,948.00

Acknowledgement

It is gratifying to acknowledge an improved situation concerning a closer cooperation now manifest between water users and the Department of Roads and Irrigation; also a most pleasant cooperation with Attorney General H. C. Hunter and his staff; C. F. Gleason, Superin-

tendent of Power, U. S. Reclamation Service, and his assistants; Robert Pollarsbee, District Engineer, U. S. Geological Survey, and assistants; M. H. Hinderlider, State Engineer of Colorado; James B. True, Edwin W. Surrill, and John D. Quinn, State Engineers of Wyoming.

Recommendations

Four hydrographers should be employed to meet the statutory provisions of Section 81-6308. One of the four should be made available in the Loup, Blue, and Elkhorn basins for part time duties of acting water commissioners, two on the Platte River basin, and one at the Republican, White River, Nebraska, Lodgepole, and Pumpkinseed basins. Two office engineers are badly needed to maintain daily routine records of stream and canal discharges. If and when funds are available, a plan should be worked out whereby township maps can be revised and brought up-to-date.

Respectfully submitted,

R. H. WILLIS, Chief

Bureau of Irrigation,
Water Power, and Drainage

DIVISION OF STATISTICS**WATER DIVISIONS AND WATER DISTRICTS**

WATER DIVISIONS. The State of Nebraska is hereby divided into two water divisions designated Water Division No. 1 and Water Division No. 2, respectively. (C. S. 1922, 8416; C. S. 1929, 46-510.)

BOUNDARIES OF DIVISION NO. 1. Water Division No. 1 shall consist of all the lands in the state drained by the Platte River 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 subterranean streams not tributary to the Platte River. (C. S. 1922, 8416; C. S. 1929, 46-511.)

BOUNDARIES OF DIVISION NO. 2. Water Division No. 2 shall consist of all lands that may be watered from the Loup, White, Nebraska and Elkhorn Rivers and their tributaries and other lands of the State not included in any other water division (C. S. 1922, 8417; C. S. 1929, 46-512.)

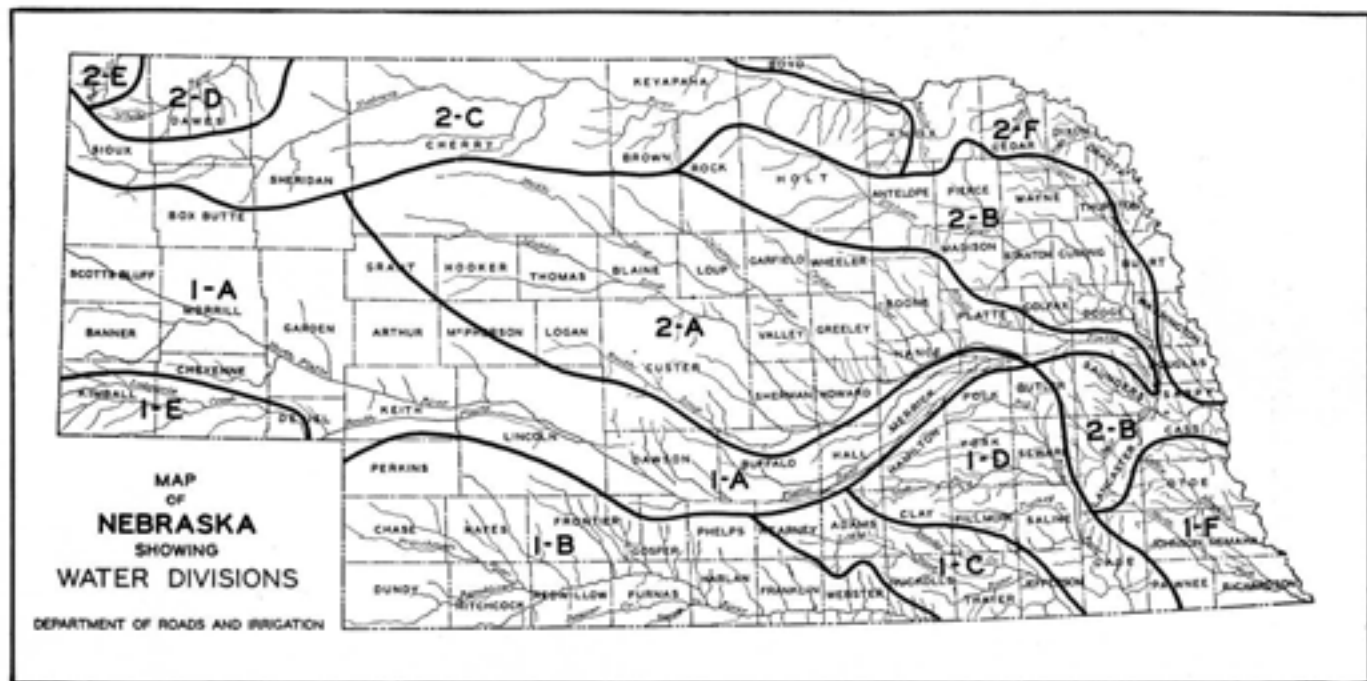
For convenience in the adjudication of claims and in the distribution of water, these divisions have been subdivided into twelve water districts, designated 1-A, 1-B, 1-C, 1-D, 1-E, 1-F, 2-A, 2-B, 2-C, 2-D, 2-E, and 2-F, as shown on the following page.

CLAIMS AND APPLICATIONS

The table on the following pages gives a complete list of all claims and applications of record in the Bureau of Irrigation, Water Power and Drainage of the Department of Roads and Irrigation, which have not been canceled. This list also includes applications which have been filed and not approved. Following this table are the applications and claims which have been canceled and dismissed during the past two years.

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

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



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

Source	Name of Applicant	Post Office	Canal	Use to which applied	Point of Div. in	Location of Div. or County	Date of Priority			Use No.	App. No.
							Mo.	Day	Yr.		
Am. Creek	Costelmann, Mrs. Anna	Lewellen	Gilberg Canal	Irrig.	1-11	2-16-42	Field	Dec.	31	1890	612
Barrow Rd.	Faylor, A. O.	Mustang	Barrow Pitt Canal	Irrig.	2-19	2-22-42	Barrow Field	Apr.	20	1904	751
Hindwood Creek	Hindwood Irrig. Dist.	North Field	Hindwood Canal	Irrig.	6-6	6-23-15	Field	Oct.	22	1898	646
Birdwood Creek	Northouse, Mrs. Ed. et al.	Hershey	West Hindwood Canal	Irrig.	8-23	2-15-18	Field	Jan.	18	1894	662
Hindwood Creek	Nuzzon, Bert	Rutherford	Hogwasp Canal	Irrig.	2-16	2-18-15	Field	Sept.	29	1891	677
Blue Creek	Union Irrig. and Water Power Co.	Lewellen	Union Canal	Irrig.	2-11	12-16-42	Garden	May	15	1890	725
Blue Creek	Mexker Ditch Company	Lewellen	Leaf Canal	Irrig.	1-20	1-16-42	Garden	May	16	1890	726
(Crescent Lake Reservoir)	Lake Water Carrying Company	Lewellen	Union Canal	Supply	1-26	1-18-15	Garden	Jan.	29	1923	1575
Blue Creek	Hogper Irrig. District	Lewellen	Leaf Canal	Irrig.	1-25	6-16-42	Garden	Sept.	7	1892	781
Blue Creek	Mexker Ditch Company	Lewellen	Leaf Canal	Irrig.	2-19	2-26-42	Garden	Sept.	7	1893	783R
(Crescent Lake Reservoir)	Lake Water Carrying Company	Lewellen	Leaf Canal	Supply	1-25	6-16-42	Garden	Jan.	30	1923	1575
Blue Creek	Blue Creek Irrig. Dist.	Lewellen	Blue Creek Canal	Irrig.	1-25	2-12-42	Garden	Jan.	29	1893	785
(Crescent Lake Reservoir)	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Supply	1-25	2-17-42	Garden	Jan.	30	1923	1575
Blue Creek	Mexker Ditch Company	Lewellen	Leaf Canal	Irrig.	3-18	3-16-42	Garden	Apr.	2	1894	788
Blue Creek	Hogper Irrig. District	Lewellen	Hogper Canal	Irrig.	2-29	6-16-42	Garden	Apr.	2	1894	788R
(Crescent Lake Reservoir)	Lake Water Carrying Company	Lewellen	Leaf Canal	Supply	1-26	1-18-15	Garden	Jan.	30	1923	1575
Blue Creek	Blue Creek Irrig. Dist.	Lewellen	Hogper Canal	Irrig.	1-26	6-16-42	Garden	Sept.	27	1894	789
(Crescent Lake Reservoir)	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Supply	1-25	2-17-42	Garden	Jan.	30	1923	1575
Blue Creek	Patley Irrig. Dist.	Geldiah	Patley Canal	Irrig.	2-10	2-17-42	Garden	Nov.	26	1894	800
(No. 17th St.)	Rothman, A. A.	Gering	Midland Overland Canal	Irrig. O. D.	2-9	4-18-45	Garden	Nov.	26	1894	1742

"R" Denotes reclamation. "O. D." Denotes original diversion.

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

Source	Name of Appropriator	Post Office	Canal	Use to which applied	Location of					Date of		App. No.	App. No.
					State	Division or	Dam	County	Mo.	Yr.			
					Sec.	T.	R.	County	Mo.	Yr.			
(Creasant Lake Reservoir)	Lake Water Carrying Company	Lewiston	Parkley Canal	Trunk	10-30	28	17-12	Garden	July	20 1926	1575		
Blue Creek	Parkley Irrig. Dist.	Hicksho	Parkley Canal	Trunk	4-00	33	17-47	Garden	July	14 1929	515		
(Creasant Lake Reservoir)	Lake Water Carrying Company	Lewiston	Parkley Canal	Supply	A-545	23	17-42	Garden	Jan.	30 1926	1575		
Blue Creek	Eastern J. E.	Lewiston	Blue Creek Canal	Trunk	47-43	17-42	Garden	Jan.	4 1922	1554			
(Creasant Lake Reservoir)	Lake Water Carrying Company	Lewiston	Blue Creek Canal	Supply	A-1251	17	17-42	Garden	Jan.	30 1926	1575		
Blue Creek	Parkley Irrig. Dist.	Hicksho	Parkley Canal	Trunk	0-30	25	17-42	Garden	Sept.	20 1926	1738		
(Creasant Lake Reservoir)	Lake Water Carrying Company	Lewiston	Parkley Canal	Supply	A-1738	26	17-42	Garden	Jan.	30 1926	1575		
Blue Creek	Blue Creek Tr. Co.	Lewiston	Blue Creek Reservoir	Trunk	30	17-12	Garden	Aug.	24 1923	2345*			
Broncho Lake	Power & Irrig. Dist. M. Co., Tr. Co.	Albany	Desartine Lake	Trunk	1-15	6	24-45	Box Elder	May	7 1926	184		
Hewitt Creek	Husby, George H.	Bridgport	Husberry Canal	Trunk	43	19	0-45	Madison	July	12 1920	512		
Hickburn Station	Madison, J. P.	Keystone	Madison Canal	Trunk	0-25	9	14-30	Keith	Oct.	3 1925	214		
Buffalo Creek (See A-218)	Capt. Walter W.	Buffalo	Repl. Pump	Trunk	52	21	10-22	Dawson	Mar.	2 1926	1799		
Buffalo Creek	Reed, John L. and Thos. F.	Blue Creek	Repl. Pump	Trunk	1-30	35	9-19	Dawson	Sept.	25 1926	1850		
(Sutherland Res.)	Platte Valley Public Power and Light District	North Platte	Blue Creek Canal (Repl. Pump)	Supply	A-1439	6	19-20	Dawson	Mar.	30 1927	1726*		
Buffalo Creek	Snyder, Abram L. Estate	Dawson	Snyder Pump	Trunk	1-02	15	9-19	Dawson	July	19 1927	1944		
Buffalo Creek	Philip, W. J.	Dawson	Repl. Pump	Trunk	0-03	28	9-19	Dawson	July	26 1927	1945		
Buffalo Creek	Rowden, C. A.	Dawson	Rowden Pump	Trunk	1-65	22	9-20	Dawson	Sept.	10 1927	1938		
Buffalo Creek	Loyd, Bell F.	Blue Creek	Repl. Pump	Trunk	0-16	36	9-19	Dawson	Feb.	20 1928	1946		

(Sutherland Res)	Platte Valley Public Power and Irrig District	North Platte	Kim Creek Canal (Lloyd Pump)	Supply	A-1955	6	8	17	Dawson	Mar	30	1937	2736*	
Buffalo Creek (Sutherland Res)	Platte, Chas. R.	Elm Creek	Edna Pump	Irrig	4	43	1	8	26	Buffalo	Mar	5	1928	1958
Buffalo Creek (Sutherland Res)	Platte Valley Public Power and Irrig. District	North Platte	Edna Creek Canal (Jones Pump)	Supply	A-1954	6	3	19	Dawson	Mar	21	1937	2736*	
Buffalo Creek (Sutherland Res)	Fitzgerald, Edw. J. Platte Valley Public Power and Irrig. District	Elm Creek	Edna Pump	Irrig	94	5	8	15	Buffalo	Apr	26	1928	2612	
Buffalo Creek (Sutherland Res)	Platte Valley Public Power and Irrig. District	North Platte	Edna Creek Canal (Jones Pump)	Supply	A-1952	6	5	29	Dawson	Mar	31	1937	2736*	
Buffalo Creek	Wilson, Harry W.	Overton	Wells, Canal	Irrig	2	29	14	9	19	Dawson	Nov	17	1928	2612
Buffalo Creek (See Main Creek)	Ulrich, Marla	Elm Creek	Ulrich Pump	Irrig.	52	7	5	19	Dawson	Feb	4	1929	2665	
Buffalo Creek (Sutherland Res)	Platte Valley Public Power and Irrig. District	North Platte	Elm Creek Canal (Ulrich Pump)	Supply	A-1958	6	5	29	Dawson	Mar	31	1937	2736*	
Buffalo Creek	Gilbert, Edna A.	Murray	Edna Pump	Irrig	1	6	21	9	19	Dawson	Mar	5	1929	2674
Buffalo Creek	First Trust Company	Lincoln	Appropriating Canal	Irrig.	21	32	9	15	Buffalo	June	15	1929	2687	
Buffalo Creek	Phillips, Helen D.	Omaha	Phillips Pump	Irrig	4	57	12	9	23	Dawson	July	12	1929	2680
Buffalo Creek	Jensen, Peter E.	Wheat	Jensen Pump	Irrig.	1	20	21	11	22	Dawson	July	12	1929	2680
Buffalo Creek (Kopf Reservoir)	Kopf, Walter W.	Buffalo	Kopf Reservoir	Irrig.	1	89	13	21	27	Dawson	Nov	23	1929	2680
Buffalo Creek (Kopf Reservoir)	Kopf, Walter W.	Buffalo	Kopf Pump	Irrig.	21	12	22	22	Dawson	Feb	28	1930	2681	
Buffalo Creek	Kopf, Walter W.	Buffalo	Kopf Pump	Supply	A-1799	21	12	22	Dawson	Nov	28	1929	2681	
Buffalo Creek	Marshall, Geo. E.	Elm Creek	Mitchell Pump	Irrig	36	9	19	Dawson	Mar	30	1932	2687		
Butt Drain	Storer, David, Estate	Maxwell	North Canal	Irrig	91	79	13	23	Lincoln	Feb	04	1917	2753	
Camp Creek	Webb, J. W.	Blitzkreist	Camp Creek Canal	Irrig	1	15	15	18	49	Marshall	Mar	16	1922	2661
Cedar Creek	Gardner, Wm. H., Estate	Hering	Cedar Canal	Irrig.	2	38	27	20	56	Scotts Bluff	Oct	13	1922	2691
Cedar Creek	Heddliffe, Mack	Selby	Nelson, Rediffife Canal	Irrig.	2	17	28	19	18	Marshall	June	4	1882	1636
Cedar Creek	Heddliffe, Mack	Selby	Heddliffe Can. No. 2	Irrig.	1	29	51	26	15	Marshall	July	11	1885	1636
Cedar Creek	Rediffife Canal and Lumber Truck Company	Tabor	Heddliffe Canal No. 2	Irrig	76	27	15	48	Marshall	Sept	24	1899	1604	
Cedar Creek	Hooper, D. C.	Lawrence	Cedar Creek Canal	Irrig.	2	56	32	16	41	Kelch	July	1	1888	738

*Application pending. †Reservoirs reservoir capacity alleged by applicant.
 Note: Buffalo Creek is sometimes referred to locally as "Stover Creek".

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

Source	Name of Applicant	Post Office	Carrier	Priority Class. Applied	Private Grant		Location of Diversion or Dam	Date of Priority	Ex- No.	App No.	
					Sec. 1	Sec. 2					
					Sec. 1	Sec. 2	County	Mo.	Day	Year	
Clear Creek	Clear Creek Irrig. Co	Lewellen	Harper Canal	Irrig.	14	17	29 36 17 Keith	May	30	1933	734
Clear Creek	Clark, Wesley and Butler, John	Lewellen	Williams Canal	Irrig.	2	00	28 36 41 Keith	May	18	1934	747
Clear Creek	Barber, Frank H	Lewellen	Finch Canal	Irrig.	1	43	4 36 41 Keith	June	30	1935	864
Clear Creek	Clear Creek Irrig. Co	Lewellen	Ryder Canal	Irrig.	1	14	29 36 41 Keith	July	5	1911	1311
Clear Creek	Scupper, Henrietta	Lewellen	Scupper Canal	Irrig.	2	43	32 36 41 Keith	Oct.	6	1932	2183
Clear Creek	Harper, R. F. and Barber, F. H.	Lincoln	Harper Canal	Irrig.	2	97	32 36 41 Keith	Apr.	15	1943	2316
Clear Creek	Stafter, Elmer S	Southbluff	Stafter Canal	Irrig.			17 32 55 Scotts Bluff	July	15	1935	2629*
Cold Water Cr	Lewis Irrig. Dist	Lewis	Cold Water Canal	Irrig.	4	29	26 38 46 Garden	Sept	29	1891	796
Cold Water Cr	Cold Water Res. Dist	Lewis	Cold Water Reservoir	Irrig.			27 38 46 Garden	July	20	1936	2521*
Cook Creek	Winterer, Wm. H. State	Key stone	Cook Creek Canal	Irrig.			71 34 15 37 Keith	Feb.	3	1935	89
Cook Creek	Winterer, Wm. H. State	Key stone	Cook Creek Canal	Irrig.			1 42 34 35 37 Keith	Sept	16	1942	1225
Crescent Lake, et al	Lake Water Carrying Company	Lewellen	Crescent Lake Res.	Irrig.	1	00	18 37 21 29 43 45 Garden	Jan	30	1920	1575
Blue Creek	Lake Water Carrying Company	Lewellen	Finch Canal	Suppl.	2	78	28 36 42 Garden	Jan	30	1930	1575
Blue Creek	Lake Water Carrying Company	Lewellen	Grat Canal	Suppl.	2	78	19 36 42 Garden	Jan	30	1930	1575
Blue Creek	Lake Water Carrying Company	Lewellen	Harper Canal	Suppl.	1	78	30 36 42 Garden	Jan	30	1930	1575
Blue Creek	Lake Water Carrying Company	Lewellen	Grat Canal	Suppl.	2	78	19 36 42 Garden	Jan	30	1930	1575
Blue Creek	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Suppl.	2	78	20 36 42 Garden	Jan	30	1930	1575
Blue Creek	Lake Water Carrying Company	Lewellen	Grat Canal	Suppl.	2	78	19 36 42 Garden	Jan	30	1930	1575

Blue Creek	Lake Water Carrying Company	Lewellen	Buaper Canal	Supply	D 1888	8 16 42	Garden	Jan 30 1920	1575	
Blue Creek	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Supply	D 795	21 17 42	Garden	Jan 30 1920	1575	
Blue Creek	Lake Water Carrying Company	Lewellen	Brookley Canal	Supply	D 240	26 17 42	Garden	Jan 30 1920	1575	
Blue Creek	Lake Water Carrying Company	Lewellen	Burley Canal	Supply	A 515	20 17 42	Garden	Jan 30 1920	1575	
Blue Creek	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Supply	A 1134	30 17 47	Garden	Jan 30 1920	1575	
Blue Creek	Lake Water Carrying Company	Lewellen	Daleley Canal	Supply	A 1734	25 17 42	Garden	Jan 30 1920	1575	
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Crescent Lake Project	Imp.		2 66 23	30 48	Garden	Feb 28 1934	2360
Deep Holes Cr	Kun, F. L.	Broadwater	Elm Canal	Imp.		50 78	18 45	Moerli	July 1 1880	830
Deep Holes Cr	Harway, P. E.	Broadwater	Fanna Canal	Imp.		1 43	3 18 49	Moerli	Mar. 17 1924	1740
Dry Ravine	Harvey Henry M.	Walthenburg	Harvey Reservoir	Imp.	185A	28 9	17	Buffalo	Sept. 25 1837	2701
Dugout Creek, Lower	Hecht, Tifford M.	Broadwater	Cooper Canal	Imp.		60	4 10 44	Moerli	Aug. 15 1892	872
Dugout Creek, Lower	Mulloy Francis J.	Broadwater	Mulloy Canal	Imp.		2 60 37	20 44	Moerli	July 18 1907	868
Dugout Creek, Lower	Hecht, Tifford M.	Broadwater	Haggerty Canal	Imp.		1 95	4 19 45	Moerli	Oct 26 1912	1208
Dugout Creek, Lower	Hecht, Tifford M.	Broadwater	Khanlyke Reservoir	Supply A-173A		2 35 22	4 19 44	Moerli	July 11 1919	1547
Elm Creek	Scott, Natoma	Elm Creek	Scott Pump	Imp.		1 14 20	9 18	Buffalo	Jan. 25 1925	2066
Sutherland Res	Halle Valley Public Power and Irrig District	North Platte	Elm Creek Canal (Scott Pump)	Supply	A 2060	6 18 19	Dowson	Mar 31 1927	2726*	
Pawnee Springs	Oliver, John E.	Bridgeport	Oliver Canal	Imp.		2 72 21	25 52	Moerli	Apr. 17 1920	2117

*Application pending.

†Repayments reservoir capacity alleged by applicant.

*M. denotes reclamation.

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

Source	Name of Applicant	Post Office	Current	Type of Application	Location of		Date of Priority	Div. No.	App. No.
					Diverted From	Location of Dam			
					Section	T. R.	County		
Bellevue Deep Lake	G. Bauer, F. H. G.	Northport	Bellevue Canal	Imp.	10	25	W. McCall	Apr. 25 1900	2138
Blenda Springs	John, E. R.	Henry	Blenda Canal	Imp.	10	25	W. McCall Bluff	May 20 1900	2324
Golden Creek	Thos. M. J.	Spokane	Black Canal	Imp.	2	12	W. McCall	Sept. 12 1899	190
Gravel Creek (Sand Creek)	Madison, B. T. and Silas, S. J.	Weyburn	Gravel Creek Canal	Imp.	12	11	W. McCall	Jan. 1 1899	924
Greenwood Cr. Greenwood Cr. Greenwood Cr. Greenwood Cr. Greenwood Cr.	Keenan, Mary R.	Dalton	Trueman Canal	Imp.	4	25	W. McCall	Apr. 4 1891	440
	Keenan, Mary R.	Dalton	Netzer Canal	Imp.	8	22	W. McCall	Apr. 1 1892	455
	Johnson, B. J.	Bridgeport	Capra Canal	Imp.	6	15	W. McCall	Apr. 1 1892	456
	McGinnis, C. E.	Bridgeport	McGinnis Canal	Imp.	5	2	W. McCall	Dec. 3 1890	394
	McGinnis, C. E.	Bridgeport	McGinnis Canal	Imp.	14	2	W. McCall	Mar. 21 1897	858
Keenan, Mary R.	Dalton	Trueman Canal	Imp.	2	25	W. McCall	Aug. 10 1900	251	
Horse Creek	McInt, John, Estate	Lorman	State Line Canal	Imp.	1	30	W. McCall Bluff	Apr. 30 1897	47
Horse Creek	Brudel, Marsh	Marion	Marsh, Brudel Canal	Imp.	7	15	W. McCall	Nov. 24 1898	821
Horse Creek	James, Edith, Assn.	Marion	State Line Canal, James, Edith, Assn.	Imp.	7	15	W. McCall Bluff	Nov. 21 1898	825
Horse Creek	McInt, John, Estate	Marion	State Line Canal	Imp.	3	30	W. McCall Bluff	Apr. 21 1897	49
Horse Creek	Carroll and Jackson	Henry	State Line Canal, Jackson, Carroll	Imp.	1	30	W. McCall Bluff	May 15 1890	1000
Horse Creek	Heazel and Marsh	Marion	Marsh, Brudel Canal	Imp.	11	15	W. McCall	Sept. 18 1901	1126
Horse Creek	Great Western Sugar Company	Spokane	Wagon, Steady	Imp.	15	28	W. McCall Bluff	Jan. 16 1900	1210
Horse Creek	Marshall Trust, Trust	Marion	McInt, Canal	Imp.	25	25	W. McCall Bluff	Jan. 9 1901	2205*
Hoth Draw	Great Western Sugar Company	Spokane	Bygard, Eilers	Imp.	15	21	W. McCall	Oct. 4 1899	1539
Hoth Draw	G. McCallan, Assn.	Mayard	41 Hubbard Pump	Power	1	25	W. McCall	July 26 1899	1214*

Huntington Spg. Caud, Fred		Herrnburg	Cord Canal	Irrig.	1 43	8 26	25 Scotts Bluff	Dec	23 1894	775
Kiowa Creek	Clarke, Edw. A.	Mitchell	Clarke Canal	Irrig.	9 14	12 21	La. Anita Bluff	Mar	23 1895	828
Kiowa Creek	Kellhaus, John H.	Morrist	Kellhaus Canal	Irrig.	1 43	11 22	58 Scotts Bluff	Oct	27 1901	641
Kiowa Creek	Kellhaus, John H.	Morrist	Kellhaus Canal No. 2	Irrig.	1 43	1 17	58 Scotts Bluff	Nov	29 1901	580
Lawrence Fork	Hanstall, Wm. H.	Herrnburg	Loring Canal	Irrig.	50 28	15 22	Morrist	Dec	11 1886	525
Lawrence Fork	Hilman, Myron and Crighter, E. S.	Herrnburg	Herrnburg Canal	Irrig.	57 76	19 22	Morrist	Nov	9 1887	427
Lawrence Fork	Lyndberg, Fred H.	Herrnburg	Charles Canal	Irrig.	17	1 28	52 Morrist	Sept	11 1892	361
Lawrence Fork	Nichols, Joseph W.	Herrnburg	Spring Branch Canal	Irrig.	1 14	17 28	52 Morrist	Nov	28 1891	302
Lawrence Fork	Nichols, Joseph W.	Herrnburg	Spring Branch Canal	Irrig.	50 21	15 22	Morrist	May	11 1903	491
Lawrence Fork	Lindberg, Fred H.	Herrnburg	Charles Canal	Irrig.	1 43	1 18	52 Morrist	Nov	27 1894	456
Lawrence Fork	Wilcox, Mrs. Anna	Herrnburg	Wabash Canal	Irrig.	86 11	15 22	Morrist	May	22 1886	550
Lawrence Fork	Nichols, Joseph W.	Herrnburg	Spring Branch Canal	Irrig.	1 13	17 28	52 Morrist	May	27 1902	169
Lawrence Fork	Raymond, Wm. H.	Herrnburg	Charles Canal	Irrig.	2 40	22 18	52 Morrist	May	25 1917	1190
Lawrence Fork	King, Wm. G.	Kearney	King Canal	Irrig.	1 39	25 18	52 Morrist	Dec	8 1911	1440
Lawrence Fork	King, Wm. G.	Kearney	King Canal	Irrig.	1 39	15 18	52 Morrist	July	13 1907	1567
Lawrence Fork	Nichols, J. W.	Herrnburg	Wabash Canal	Irrig.	1 43	1 18	52 Morrist	Apr	19 1909	2125
Lawrence Fork	Nichols, J. W.	Herrnburg	Wabash Canal	Irrig.	28 11	18 52	Morrist	Sept	26 1907	2540
Lansberg Cr.	Schell, Herman H.	Lansberg	Schell Canal	Irrig.	1 06	12 16	39 Keith	May	19 1887	692
Lansberg Cr.	Lawson, Lee, Estate	Lansberg	Lawson's Canal	Irrig.	9 13	17 11	39 Keith	May	22 1886	699
Lansberg Cr.	Schell, Herman H.	Lansberg	Schell Canal	Irrig.	86 17	16 39	Keith	Apr	27 1894	4976
Lead Creek	Campbell, Wm. N.	Lansberg	Campbell Pump	Irrig.	1 69	11 17	41 Garden	Dec	23 1929	714
Mathews Creek	Mathews, Henry H.	Scotts Bluff	Mathews Canal	Irrig.	1 11	25 16	32 Keith	Apr	1 1895	750
Middle Creek	Metcalf, T. L.	Herrnburg	Metcalf Upper Canal	Irrig.	56 31	18 52	Morrist	Oct	20 1902	2646
			Metcalf Lower Canal	Irrig.	80 26	18 52				
Mud Creek (See Buffalo Creek)	Clark, Martha	Elm Creek	Clark's Pump	Irrig.	1 25	1 18	31 Dawson	Feb	4 1929	2068
(See Grand River District)	Platte Valley Dist. Power and Irrig. District	North Platte	Elm Creek Canal (Clark's Pump)	Irrig.	3 29	6 8	19 Dawson	Mar	21 1907	2728*
Neely Springs	Chambers, Paul H.	Morrist	Chambers' Pipe Line	Irrig.	107 21	22 18	Scotts Bluff	Mar	22 1928	2015
Neely Springs	Neely, Edw.	Henry	Neely Canal	Irrig.	28 11	23 28	Scotts Bluff	Apr	1 1914	2454

*Application pending.

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

Source	Name of Appropriator	Post office	Canal	Map to which applied	Prize		Location of Diversion or Dam	Date of Priority		Per. No.	App. No.
					Amount	or		Mo.	Lo. Yr.		
North Platte R.	Platte Valley Irrig. District	Hershey	North Platte Canal	11-12	2000	12 11 11	Lincoln	May	31 1884	630	
Lincoln County Drainage District No. 1 (Ditch No. 2)	Boyers, Oscar	Grand Island	Boyers Pump	9-10	2000	8 14 11	Lincoln	May	31 1884		2458
Lincoln County Drainage District No. 1 (Ditch No. 1)	Boyers, Rolland	Hershey	Boyers Pump	9-10	1000	21 14 11	Lincoln	May	31 1884		2694
Lincoln County Drainage District No. 1 (Ditch No. 1)	Brownfield, Geo. V.	Hershey	Brownfield Pump	9-10	1000	27 11 11	Lincoln	May	31 1884		P221*
North Platte R.	Farmers Land Dist.	Scottsbluff	The State (Farmers) Canal	10-8	2000	8 28 15	Scotts Bluff	Sept.	16 1887		918
North Platte R.	Farmers Land Dist. (Palmsider Div.)	Marshall	Boyers Canal	10-8	1000	7 12 15	Scotts Bluff	Sept.	16 1887		910
North Platte R.	Farmers Land Dist.	Scottsbluff	The State Canal	10-8	1000	8 27 15	Scotts Bluff	Sept.	16 1887		912
Willmore Drain (Dry Spotted Tall)	Frank and Warner, Violet A.	Marshall	Boyers Canal	9-10	1000	16 23 16	Scotts Bluff	Sept.	16 1887		1541
Willmore Drain (Dry Spotted Tall)	Farmers Irrig. Dist.	Scottsbluff	The State Canal	9-10	1000	4 24 16	Scotts Bluff	Sept.	16 1887		P158*
Willmore Drain (Farmers Canal)	Warner, Frank	Marshall	Warner Pump	9-10	1000	16 23 16	Scotts Bluff	Sept.	16 1887		P195
Willmore Drain (Sheep Creek)	O'Hara, Jas.	Hays	O'Hara Canal	9-10	1000	28 21 16	Marshall	Sept.	16 1887		1473
Willmore Drain (Sheep Creek)	Sheep Creek Lateral Company	Marshall	Sheep Creek Lateral	9-10	1000	8 23 17	Scotts Bluff	Sept.	16 1887		1476

Sheep Creek	Sheep Creek Lateral Company	Morrell	Sheep Creek Lateral	G. D.	D. 315	5 23 37	Scotts Bluff	Sept. 16, 1887	1385
Sheep Creek (Tub Springs Ponds)	Farmers Irrig. Dist	Scottsbluff	Tub State Canal	G. D.	D. 313	8 23 17	Scotts Bluff	Sept. 16, 1887	1386*
Sheep Creek (Tub Springs Ponds)	Farmers Irrig. Dist	Scottsbluff	Tub State Canal	G. D.	D. 314	17 21 35	Scotts Bluff	Sept. 16, 1887	1387*
Wet Spotted Tail Creek	Stewart, E. G.	Mitchell	Stewart Canal	G. D.	D. 315	10 21 36	Scotts Bluff	Sept. 16, 1887	443
Wet Spotted Tail Creek	Farmers Irrig. Dist	Scottsbluff	Wet State Canal	G. D.	D. 315	10 29 26	Scotts Bluff	Sept. 16, 1887	1390*
North Platte R.	Mingus Mutual Canal and Irrig. Co.	Morrell	Mingus Canal	Irrig.	188 42 32	21 54	Scotts Bluff	Jan. 14, 1888	913
Taylor Drain	Shelton, T. C.	Litchell	Oberley Canal	G. D.	D. 319	3 21 53	Scotts Bluff	Jan. 14, 1888	2502
North Platte R.	Waters' Creek Irrig. Company	Scottsbluff	Waters' Creek Canal	Irrig.	124 29 17	25 53	Scotts Bluff	Oct. 18, 1888	952
Waters' Creek	Waters' Creek Irrig. Company	Scottsbluff	Waters' Creek Canal	G. D.	10 25	19 22 53	Scotts Bluff	Oct. 18, 1888	1446
North Platte R. (Nelson's)	Enterprise Irrig. Dist	Scottsbluff	Enterprise Canal	Irrig.	128 10 27	27 37	Scotts Bluff	Mar. 28, 1889	820
North Platte R. (Nelson's)	Enterprise Irrig. Dist	Scottsbluff	Nelson's Low Canal	G. D.	10 30	11 28 57	Scotts Bluff	Mar. 28, 1889	1090
Timber Draw	Enterprise Irrig. Dist	Scottsbluff	Enterprise Pump	G. D.	10 30	20 28 56	Scotts Bluff	Mar. 28, 1889	2813
Wagon Creek	Enterprise Irrig. Dist	Scottsbluff	Enterprise Lateral	G. D.	D. 320	3 22 50	Scotts Bluff	Mar. 28, 1889	2402
North Platte R.	Castle Rock Irrig. Dist	Mitchell	Castle Rock Canal	Irrig.	52 51	4 22 54	Scotts Bluff	Apr. 28, 1889	921
North Platte R.	Lawson Irrig. Dist	Bridgeport	Lawson Canal	Irrig.	5 77 14	20 51	Morrell	Oct. 17, 1889	821
North Platte R. (Arkona Drain)	Bridgeport Irrig. Dist	Bridgeport	Belmont Canal	Irrig.	270 68 18	25 31	Morrell	Dec. 19, 1889	828
Cedar Creek	Arkona, A. W., Estate	Bridgeport	Arkona Canal	G. D.	10 42 23	19 49	Morrell	Dec. 19, 1889	1450
North Platte R.	Bridgeport Irrig. Dist	Bridgeport	Cedar Creek Branch	G. D.	10 32 23	18 48	Morrell	Dec. 19, 1889	1387
North Platte R.	Mitchell Irrig. Dist	Mitchell	Mitchell Canal	Irrig.	154 29 10	25 60	Wagoning	June 25, 1890	
North Platte R.	Central Irrig. Dist	Central	Central Canal	Irrig.	34 60	27 22 15	Scotts Bluff	June 25, 1890	956
Pathfinder Bend	Central Irrig. Dist	Central	Central Canal	Suppl.	10 35	27 22 53	Scotts Bluff		
North Platte R.	Shelton, J. W., Estate	Jaxson	Shelton-Wilson Canal	Irrig.	30 60	19 14 35	Ke-Oh	Oct. 3, 1890	710
North Platte R.	Chimney Rock Irrig. Dist.	Bayard	Chimney Rock Canal	Irrig.	60 9-	1 20 52	Scotts Bluff	Dec. 3, 1890	844
North Platte R.	Chimney Rock Irrig. Dist.	Bayard	Chimney Rock Canal	Irrig.		1 20 53	Scotts Bluff	Dec. 3, 1890	1081

*Under pending.

Mitchell Irrigation District's appropriation authorized in Wyoming

"R" denotes reclamation. "G. D." denotes optional diversion.

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

Source	Name of Applicant	Dist. Office	Character	Use to which applied	Priority Claim No.	Location of Diversion or Dam			Date of Priority		Dist. No.	App. No.
						Sec.	T.	R.	Mo.	Yr.		
(Patrolman's Draw)	Chimney Rock Irrig. Dist.	Rayport	Chimney Rock Canal	Supple	17-51	15	30	Bluff	Nov.	1891	788	
North Platte R.	Empire Canal Co.	Bridgeport	Empire Canal	Irrig.	28-37	20	31	Marion	Aug.	1891	638	
(Anderson Sheep)	Clark, M. G.	Okemuhne, Okla.	Golden Canal	Ch. D.	10-33	20	29	Marion	June	1891	248	
North Platte R.	Kah. D. Reute	Structure	Kah Canal	Irrig.	4-37	13	24	Bluff	Nov.	1891	544	
North Platte R.	Brown Cr. Irrig. Dist.	Bridgeport	Brown Creek Canal	Irrig.	18-71	20	30	Marion	Jan.	1892	557	
North Platte R.	Brown Cr. Irrig. Dist.	Bridgeport	Brown Creek Canal	Irrig.	29-70	30	Marion	Jan.	1892	1035		
(Patrolman's Draw)	Brown Cr. Irrig. Dist.	Bridgeport	Brown Creek Canal	Supple	10-37	20	30	Marion	Ch. D.			36
North Platte R.	Allamore Irrig. Dist.	Bridgeport	Allamore Canal	Irrig.	10-00	1	20	Marion	Dec.	1892	574	
North Platte R.	Allamore Irrig. Dist.	Bridgeport	Allamore Canal	Irrig.		5	20	Marion	Jan.	1892	1035	
City and Sugar Factory Drain	Allamore Irrig. Dist.	Bridgeport	Allamore Canal	Ch. D.	10-34	5	20	Marion	Dec.	1892	1274	
Patrolman's Draw	Allamore Irrig. Dist.	Bridgeport	Allamore Canal	Ch. D.	10-34	6	20	Marion	Jan.	1892	1429	
North Platte R.	Ramsd. R. Irrig. Dist.	Marion	Ramsd. Canal	Irrig.	45-71	12	21	Bluff	Mar.	1892	945	
North Platte R.	St. John's Irrig. Dist.	Rayport	St. John's Canal	Irrig.	45-37	21	23	Bluff	May	1892	946	
North Platte R.	Lido Irrig. Dist.	Lawson	Lido Canal	Irrig.	10-30	24	15	Marion	July	1893	856	
North Platte R.	State Mill Irrig. Dist.	Rayport	State Mill Canal	Irrig.	20-10	15	23	Bluff	Dec.	1893	925	
(Name Mill Draw)	State Mill Irrig. Dist.	Rayport	State Mill Canal	Ch. D.	10-25	10	21	Bluff	Dec.	1893	1031	
North Platte R.	Only Land and Cattle Co.	North Platte	Only Land Canal	Irrig.	175-30	0	11	Lincoln	Dec.	1894	649	
North Platte R.	McLaney W. R.	North Platte	McLaney Pump	Irrig.	1-15	29	14	Lincoln	Feb.	1895	649A	
North Platte R.	North Platte County Irrig. Dist.	Suburban, I.	North Platte Canal	Irrig.	106-00	15	14	Lincoln	Feb.	1894	922	
North Platte R.	Parton-Hershey Water Co.	Hershey	Parton-Hershey Canal	Irrig.	130-00	18	14	Lincoln	Feb.	1894	654	
North Platte R.	Lido Irrig. Dist.	Lawson	Lido Canal	Irrig.	5-31	14	15	Marion	Mar.	1894	787A	
North Platte R.	North River Irrig. Dist.	Lawson	North River Canal	Irrig.	26-00	18	15	Marion	Mar.	1891	787B	
North Platte R.	Suburban Irrig. Dist.	North Platte	Suburban Canal	Irrig.	102-00	12	14	Lincoln	May	1894	662	

Lincoln County	Evans, R. V.	Wadner	Evans Pump	C. D.	19-562 26, 14 31 Lincoln.	May	22, 1894	2628
Drainage Dist.								
Tract No. 1.								
Dist. No. 10								
Lincoln County	Suburban Irrig. Dist.	North Platte	Suburban Canal	C. D.	19-562 29, 14 31 Lincoln	May	22, 1894	2645
Drainage Dist.								
Tract No. 1								
Dist. No. 21								
Lincoln County	Evans, R. V.	Wadner	Evans Pump	C. D.	19-562 26, 14 31 Lincoln	May	22, 1894	2791
Drainage Dist.								
Tract No. 1.								
Dist. No. 23								
North Platte R.	Holmes, C. W.	Lawson	Midland-Oberland Canal	Tring	12-56 4 16 34 Garden	June	9, 1894	759
North Platte R.	Countryman, Chas. G. H.	Oshkosh	Midland-Oberland Canal	Tring	20-940 4 16 34 Garden	Nov.	14, 1894	791
North Platte R.	Hornum Irrig. Co.	Lisbon	Hornum Canal	Tring	5-71 24 15 47 Morrill	Sept.	21, 1894	854
North Platte R.	Oshkosh Irrig. Dist.	Oshkosh	Oshkosh Canal	Tring	40-06 13, 17 44 Garden	Nov.	5, 1894	757
North Platte R.	Beehive Canal Co.	Broadwater	Beehive Canal	Tring	10-06 24, 19 49 Morrill	Oct.	23, 1894	887
(Postfinder Res.)	Beehive Canal Co.	Broadwater	Beehive Canal	Suppl.	10-657 24 19 49 Morrill			764
North Platte R.	Spokane Wildlife	Oshkosh	Spokane Canal	Tring	11-59 20 12 35 Garden	Dec.	6, 1894	801
North Platte R.	Horn Creek Irrig. Co.	Lisbon	Horn Creek Canal	Tring	9-64 2 12 46 Garden	Nov.	10, 1894	802
North Platte R.	Evans Irrig. Dist.	Oshkosh	Evans Canal	Tring	40-85 36 17 44 Garden	Nov.	12, 1894	801
North Platte R.	Spokane Wild.	Oshkosh	Spokane Canal	Tring	1-25 24, 17 46 Garden	Nov.	22, 1894	808R
North Platte R.	Western Land and Cattle Company	Oshkosh	Signal Bluff Canal	Tring	20-73 16 16 13 Garden	Jan.	10, 1895	817
North Platte R.	Albion Irrig. Dist.	Opabila	Albion Canal	Tring	10-94 1 15 42 Garden	Mar.	25, 1895	73-
North Platte R.	Standard Irrig. Dist.	Midvale	Standard Canal	Tring	15-04 4 11 21 Signal Bluff	Nov.	22, 1895	76-
North Platte R.	North River Irrig. Dist.	Oshkosh	North River Canal	Tring	157-04 14 15 45 Morrill	Nov.	24, 1896	247
North Platte R.	North River Irrig. Dist.	Oshkosh	Holbrook Canal	Tring	2-29 23 12 48 Garden	Feb.	24, 1896	242B
North Platte R.	Lisbon Irrig. Dist.	Lisbon	Lisbon Canal	Tring	9-56 14 16 47 Morrill	Feb.	21, 1896	1243B
North Platte R.	Horn Creek Mutual Irrig. Company	Broadwater	Holbrook Canal	Tring	20-04 34 19 15 Morrill	July	18, 1896	327
North Platte R.	Standard Irrig. Dist.	Midvale	Standard Canal	Tring	86 4 21 54 Signal Bluff	July	12, 1896	250
North Platte R.	Hornum Irrig. Dist.	Lawson	Hornum Canal	Tring	205-57 4 23 58 Signal Bluff	Mar.	25, 1897	245

R. = Double registration. C. D. = Certificate of title to diversion.

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

Source	Name of Appropriator	Trust Office	Canal	Use to which applied	Project			Date of Priority		App No.
					Local Grant No.	Location of Diversion or Dam	County	Mo.	Yr.	
North Platte R. Camp Creek Sage and Red Willow Creeks	Schermersohn Irrig. Co.	Bridgeport	Schermersohn Canal	Supple.	A-365	4 22 58	Scotts Bluff	Oct	25 1897	764
				IRRIG.	29 11 16	20 52	Scotts Bluff	Oct	25 1897	418
				G. D.	A-418	9 20 51	Scotts Bluff	Oct	25 1897	398
North Platte R.	Farmers Irrig. Dist.	Scottsbluff	Tri-State (Columbia) Canal	Irrig.	60 00	1 23 58	Scotts Bluff	Apr	14 1902	650
Washfinder Res.	Farmers Irrig. Dist.	Scottsbluff	Tri-State (Columbia) Canal	Supple.	A-660	3 12 58	Scotts Bluff			763
North Platte R.	Dept. of the Interior U. S. R. S.	Mitchell	Washfinder Reservoir	Irrig.	10 000	11 25 54	Wyoming	Sept	12 1904	765
North Platte R.	Washfinder Irrig. Dist.	Mitchell	Inter-State Canal	Irrig.	1572 00	11 26 55	Wyoming	Sept	19 1904	766
Washfinder Res.	Washfinder Irrig. Dist.	Mitchell	Inter-State Canal	Supple.	A-768	11 26 55	Wyoming			766
North Platte R.	Northport Irrig. Dist.	Bridgeport	Tri-State Canal	Irrig.	232 00	11 26 55	Wyoming	Sept	19 1904	768
Washfinder Res.	Northport Irrig. Dist.	Bridgeport	Tri-State Canal	Supple.	A-768	11 26 55	Wyoming			768
North Platte R.	Gering and Fort Laramie Irrig. Dist.	Mitchell	Gering and Fort Laramie Canal	Irrig.	754 00	11 26 55	Wyoming	Sept	19 1904	769
Washfinder Res.	Gering and Fort Laramie Irrig. Dist.	Mitchell	Gering and Fort Laramie Canal	Supple.	A-768	11 26 55	Wyoming			768
North Platte R.	Liebhards Brothers	Denver, Col.	Empire Canal	Irrig.	3 00	18 20 50	Montell	July	5 1902	668
North Platte R.	Loop Irrig. Dist. et al.	Idaho	Loop Canal	Irrig.	3 00	14 18 07	Montell	Apr	6 1907	301
North Platte R.	French Dutch Co.	Stampan, Cal.	French Canal	Irrig.	2 00	9 23 50	Wyoming	Dec	21 1911	1149
North Platte R.	Deane & Mary E. Palmer	Montevia, Cal.	Deane Canal	Irrig.	3 14	8 21 51	Montell	Feb	28 1912	1391
Red Willow Creek	Deane & Mary E. Palmer	Montevia, Cal.	Deane Canal	G. D.	A-1151	11 20 51	Montell	Sept	10 1915	1432
South Platte R.	Stone, Myers & H. C. Co.	San Diego, Cal.	Stone Canal	Irrig.	3 00	2 18 16	Montell	Jan	19 1915	1401
North Platte R.	French Dutch Co.	Stampan, Cal.	French Canal	Irrig.	2 00	9 23 50	Wyoming	Sept	11 1915	1433
South Platte R. and Red Willow Creeks	Deane & Mary E. Palmer	Montevia, Cal.	Deane Lateral	Irrig.	57 17	7 51	Montell	Nov	8 1915	1436

North Platte R.	Liebhafdt, Harry G.	Denver, Colo.	Liebhafdt Lateral	Irrig.	2.92	6 20 37	Monte.	Mar.	1 1916	1448
North Platte R.	McChie, Albert F.	Geering	Castle Rock Canal	Irrig.		4 23 54	Scotts Bluff	Mar.	1 1916	1448R
North Platte R.	Intermountain Ry. Light and Power Co.	Colo. Springs, Colo.	Geering Hydroelectric Plant	Power	250.00	10 23 00	Wyoming	Apr.	15 1914	1452
North Platte R.	N. P. Railway Company	Omaha	Locomotive Water Supply	Dom.	1.00	29 34 20	Lincoln	Jan.	19 1917	1472
North Platte R.	French Drain Co.	Hampden	French Canal	Irrig.	.60	5 23 01	Wyoming	Mar.	20 1920	1581
North Platte R.	North Platte Water Department	North Platte	Water Supply	Stream	125.29	24 49	Lincoln	Mar.	10 1927	1912
North Platte R.	Great Western Sugar Company	Scottsbluff	Geering Factory	Mfg.	15.00	36 22 05	Scotts Bluff	Nov.	15 1924	2054
North Platte R.	Great Western Sugar Company	Scottsbluff	Geering Factory	U. S.	A-2054	26 22 54	Scotts Bluff	Nov.	15 1925	2250
North Platte R.	Stoddard, P. F., et al	Keyeline	Pannee Canal	Irrig.		35 24 00	Lincoln	Nov.	24 1924	2405*
North Platte R.	Chimney Rock Irrig. Dist.	Bayard	Chimney Rock Canal	Irrig.	.67	1 20 53	Scotts Bluff	Feb.	2 1932	2190
North Platte River and Tributaries	Farmers Irrig. Dist.	Scottsbluff	Farmers Irrig. Dist. Plant	Power		30 23 55	Scotts Bluff	Nov.	27 1925	2291*
North Platte R.	Glasgow, Anna	Geering	Geering-Kort Lateral Canal	Irrig.	2.11	11 20 55	Wyoming	July	19 1923	2326
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Supply Canal	E. & P.	144,000	2 14 38	Keith	Jan.	18 1934	2350
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Supply Canal	E. & P.	10,990.47	16 12 39	Lincoln	Jan.	15 1934	2352
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Supply Canal	Power	975.00	2 14 38	Keith	Jan.	20 1934	2353
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Supply Canal	Trans. Hd. A-2353		2 14 38	Keith			2354
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Head Race	Supply	A-2353	16 13 33	Lincoln	Mar.	6 1937	2710

*Application pending.

R represents reservoir capacity alleged by applicant.

"R" Denotes reclamation. "O. D." Denotes optional direction.

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

Source	Name of Appropriator	Dist. office	Character	Date to which applied	Amount		Date of Priority	Use. No.	App. No.
					Original Grant in	Location of Dam			
North Platte R.	Platte Valley Public Power and Trng. District	North Platte	Shepherd Supply Canal	1 & P.	150,000 AP	2 14 36 Keith County	Feb. 11 1934		2361
North Platte R.	The Central Nebraska Public Power and Trng. District	Hastings	Mindeley (Keyston) Reservoir	1 & P.	2,000,000 AP	11 18 Keith	Apr. 27 1934		2374
South Platte R.	Clapper Wm. Miller	Gering	Gering-Fort Laramie Canal	Trng.	1 46 11	26 62 Wyoming	May 5 1924		2378
Ogler Creek	Edw. Elmer et al.	Laramie	Ogler Creek (Laramie) Canal	Trng.	2 25	5 35 4 Keith	Apr. 1 1903	1903	
Ogler Creek	The Ogler Creek Mutual Trng. Co.	Laramie	Ogler Creek Canal	Trng.	10 71	3 15 40 Keith	Nov. 24 1911		1188
Ogler Creek	The Ogler Creek Mutual Trng. Co.	Laramie	Ogler Creek (Peterson) Canal	Trng.	1 31	5 15 40 Keith	Nov. 6 1911		1240
Ogler Creek	The Ogler Creek Mutual Trng. Co.	Laramie	Ogler Creek (Hudson) Canal	Trng.	15 43	5 15 40 Keith	Nov. 1 1912		1
Owl Creek	Kellams, John H.	Morril	Southwest Canal	Trng.	75 12 27 58	Scotts Bluff	Sept. 12 1897		451
Owl Creek	Kellams, John H.	Morril	Southwest Canal	Trng.	1 10 12 22 28	Scotts Bluff	Nov. 10 1904		770
Owl Creek	Kellams, John H.	Morril	Southwest Canal No. 2	Trng.	1 11 12 22 28	Scotts Bluff	Nov. 25 1907		573
Owl Creek	Kellams, John H.	Morril	Southwest Canal No. 1	Trng.	57 12 22 58	Scotts Bluff	Nov. 29 1907		651
Paradee Creek	Burke, Edw. C. Jr.	Germantown	Hedcombe Canal	Trng.	5 00 12 12 78	Laramie	Nov. 18 1905	635	
Paradee Creek	Burke, Edw. C. Jr.	Germantown	Kenil Burke Canal	Trng.	5 51 14 13 27	Laramie	Nov. 15 1927		1594
Paradee Creek	Jahssen, H. Nelson	Germantown	Jahssen Canal	Trng.	8 42 21 13 27	Laramie	Aug. 21 1911		2231
Platte River	Central Power Co.	Gardiner	Kearney Canal	Comp. Power	22 20 140 00	3 8 18 Buffalo	Sept. 10 1932	1023	
(Kearney Tail Race)	Peaker, Howard	Kearney	Peaker Pump	J. R.	101 03 31	3 16 Buffalo	Sept. 10 1932		1744
Shepherd Res.	Platte Valley Public Power and Trng. District	North Platte	Kearney Canal	Supply	10-1023	3 8 18 Buffalo	Mar. 31 1937		2326

Platte River	Gothenburg Light and Power Company	Gothenburg	Gothenburg Canal	Irrig. Power	24 00 29 12 26 Lincoln	July	5 1890	645a	
Sutherland Res.	Platte Valley Public Power and Irrig District	North Platte	Gothenburg Canal	Supply	10 65a 05 12 26 Lincoln	Mar	21 1907		2726*
Platte River (Dawson County Drainage District No. 1)	K. W. Hays Co. et al Murray, J. E.	Lexington London	Dawson County Canal Murray Pump	Irrig. C. D.	7 00 18 10 23 Dawson 20 62 1 5 22 Dawson	June June	14 1894 11 1894	621 P 501	
Sutherland Res.	Platte Valley Public Power and Irrig District	North Platte	Dawson County Canal	Supply	10 51 28 10 23 Dawson	Mar.	21 1907		2726*
Platte River	Dawson County Irrig Company	Lexington	Dawson County Canal	Irrig.	112 30 28 10 23 Dawson	June	26 1894	622	
Buffalo Creek	Seymour, Richard T.	Lexington	Seymour Pump	C. D.	10 52 22 10 21 Dawson	June	26 1894		1482
Buffalo Creek	Daughity, Mrs. Ida	Lexington	Daughity Pump	C. D.	10 62 27 10 21 Dawson	June	26 1894		1843
Buffalo Creek	Hodgson, Martha	Lexington	Hodgson Pump	C. D.	10 62 30 10 21 Dawson	June	26 1894		1863
Sutherland Res.	Platte Valley Public Power and Irrig District	North Platte	Dawson County Canal	Supply	10 62 18 10 21 Dawson	Mar.	31 1907		2726*
Platte River	Beatty, H. T.	Lexington	Dawson County Canal	Irrig.	1 21 18 10 23 Dawson	Sept.	15 1894	624	
Platte River	Milner, T. H.	Lexington	Dawson County Canal	Irrig.	3 14 18 10 23 Dawson	Sept.	15 1894	624	
Platte River	Feilner, R. C.	Lexington	Dawson County Canal	Irrig.	57 18 10 23 Dawson	Sept.	15 1894	624	
Platte River	Boyles, Carl J., et al	Lexington	Dawson County Canal	Irrig.	1 14 18 10 23 Dawson	Sept.	15 1894	624	
Platte River	Stevenson, Elizabeth	Lexington	Dawson County Canal	Irrig.	2 30 18 10 23 Dawson	Sept.	15 1894	624	
Platte River	Dawson County Irrig Company	Lexington	Dawson County Canal	Irrig.	25 21 18 10 23 Dawson	Sept.	15 1894	624	
Dawson County Drainage District No. 1)	Rosenberg Bros.	Lexington	Orthman Pump	C. D.	10 62 14 10 21 Dawson	Sept.	15 1894		7129
Ground Water	Healy, Henry M.	Lexington	Healy Well	C. D.	10 624 39 9 20 Dawson	Sept.	15 1894		2581
Ground Water	Boady, H. T.	Ourlin	Boady Well	C. D.	10 624 19 9 20 Dawson	Sept.	15 1894		2513
Stevens Creek	Jungerson, John	Ourlin	Jungerson Pump	C. D.	10 624 25 9 20 Dawson	Sept.	15 1894		2648

*Application pending * Represents maximum capacity allowed by applicant

"(C. D.)" Denotes optional diversion

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

Source	Name of Applicant	Post Office	Canal	Use to which applied	Point of Grant		Location of Diversion or Dam	Date of Priority		Div. No.	App. No.
					Sec.	T.		Mo.	D. Yr.		
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Dixson County Canal	Supple.	18-628	13 12 28	Dawson	Mar.	11, 1937		2225*
Platte River	Gothenburg Light and Power Company	Gothenburg	Gothenburg Canal	Irrig.	24-06	29 12 26	Dawson	Sept.	22, 1894	6450	
(Hudson Lake)	Beas. Smith and Good	Grand	Grand Canal	U. S.	10-6456	12 11 28	Dawson	Sept.	22, 1894		1580
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Hatchburg Canal	Supple.	10-6450	29 12 26	Dawson	Mar.	31, 1937		2746*
Platte River	Six Mile Ditch Co.	Gothenburg	Thirty Mile Canal	Irrig.	40-07	30 12 26	Dawson	Oct.	21, 1904	6000	
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Six Mile Canal	Supple.	10-6808	13 11 28	Dawson	Mar.	25, 1937		2728*
Platte River	Grand Ditch Company	Grand	Grand Canal	Irrig.	228-68	16 11 25	Dawson	Dec.	28, 1894	620	
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Grand Canal	Supple.	10-6216	11 25	Dawson	Mar.	10, 1937		2725*
Platte River	South Side Irrig. Co.	Grand	Orchard-Alfalfa Canal	Irrig.	25-06	9 10 24	Dawson	Jan.	23, 1905	627	
(Ground Water)	Neil, Lee	Grand	Neil Well	U. S.	10-627	33 10 23	Dawson	Jan.	23, 1894	1204*	
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Orchard-Alfalfa Canal	Supple.	10-627	9 10 24	Dawson	Mar.	21, 1937		2720*
Platte River	Central Power Co.	Grand Island	Searney Canal	Power	45-04	8 8 19	Hall	Feb.	12, 1900		1517
Platte River	Central Power Co.	Grand Island	Central Canal	Power	25-09	29 10 8	Merrick	Aug.	12, 1920		1520
Platte River	Beas. Ohio	Kim Creek	Cottonwood Canal	Irrig.	5-31	7 8 15	Perkins	Dec.	15, 1921		1679
Platte River	Wright, Carl E. et al.	Grand	Wright Pump	Irrig.	9	9 10 24	Dawson	Oct.	20, 1925		1754
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Thirty Mile Wrought Pump Canal	Supple.	A-1788	9 10 24	Dawson	Mar.	11, 1937		2228*
Platte River	Johnson, T. L.	Hastings	Johnson Pump	Irrig.	0-56	3 8 13	Buffalo	Feb.	18, 1925		1796
Platte River	Hagge, Frank, et al.	Grand Island	Hagge Pump	Irrig.	4-55	25 11 9	Hall	Aug.	24, 1920		1840

Platte River (Sutherland Res.)	Thirty Mile Canal On Platte Valley Public Power and Irrig. District	Gettensburg North Platte	Thirty Mile Canal Thirty Mile Canal	Irrig. Supply	215 06 20 12 26 Lincoln A-1823 20 12 26 Lincoln	Sept. Mar.	7 1926 31 1927	1858 2726*
Platte River (Sutherland Res.)	Robertson, Nona Platte Valley Public Power and Irrig. District	Cozart North Platte	Robertson Pump Thirty Mile Canal (Robertson Pump)	Irrig. Supply	55 5 19 21 Dawson A-1975 9 19 24 Dawson	Nov. Mar.	5 1926 31 1927	2670 2726*
Platte River Platte River Platte River (Sutherland Res.)	Frank, Maria Prof. W. M. Thirty Mile Canal On Platte Valley Public Power and Irrig. District	Ovation Ovation Gettensburg North Platte	Frank Canal Frank Canal Thirty Mile Canal Thirty Mile Canal	Irrig. Irrig. Irrig. Supply	1 43 16 8 26 Dawson 2 27 23 9 26 Dawson 56 75 9 12 26 Lincoln A-1976 10 12 26 Lincoln	Sept. Sept. Dec. Mar.	3 1927 5 1927 15 1927 31 1927	1957 1958 1974 2726*
Platte River Platte River (Spearer Creek) (Spearer Creek) (Sutherland Res.)	Scott, Louis F. Robert, J. T. and Wenzler, J. F. Platte Valley Public Power and Irrig. District	Stacy Lexington Ovation North Platte	Scott Pump Dawson County Canal Wenzler Pump Dawson County Canal	Irrig. Irrig. O. P. Supply	2 30 26 10 27 Lincoln 35 31 18 19 21 Dawson A-2025 21 9 26 Dawson A-2029 18 19 21 Dawson	Oct. Oct. Oct. Mar.	1 1928 5 1928 8 1928 31 1927	2035 2039 2151 2726*
Platte River (Sutherland Res.)	Thirty Mile Canal On Platte Valley Public Power and Irrig. District	Gettensburg North Platte	Thirty Mile Canal Thirty Mile Canal	Irrig. Supply	4 57 39 10 26 Lincoln A-2065 20 12 26 Lincoln	Apr. Mar.	5 1929 31 1927	2067 2726*
Platte River (Sutherland Res.)	Robert, J. and Platte Valley Public Power and Irrig. District	Elm Creek North Platte	Dawson County Canal Dawson County Canal	Irrig. Supply	5 36 18 10 25 Dawson A-2068 18 10 25 Dawson	Aug. Mar.	1 1929 31 1927	2083 2726*
Platte River (Sutherland Res.)	Elm Creek District Platte Valley Public Power and Irrig. District	Elm Creek North Platte	Elm Creek Canal Elm Creek Canal	Irrig. Supply	227 80 6 8 19 Dawson A-2104 6 8 19 Dawson	Sept. Mar.	17 1929 31 1927	2104 2726*
Platte River (Sutherland Res.)	Dawson County Irrig. Company Platte Valley Public Power and Irrig. District	Lexington North Platte	Dawson County Canal Dawson County Canal	Irrig. Supply	294 21 15 19 21 Dawson A-2110 15 19 21 Dawson	Nov. Mar.	21 1929 31 1927	2110 2726*

*Devotion or application points.

* R' Denotes reclamation. * O. D. * Denotes optional diversion.

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

Source	Name of Applicant	Use Office	Character	Date to which applied	Estimated Cost		Location of Diversion or Dam	Date of Priority		P. S. No.	App. No.
					Sec. 17	Sec. 18		Mo.	Yr.		
Platte River	Dawson County Irrig. Company	Lexington	Dawson County Canal (Grassy Lateral)	1918	18,415	11,231	Dawson	June	11, 1936		2245
Dawson County Drainage District No. 11	Shelton, A. B.	Lexington	Shelton Pump	1918	2,285	11,921	Dawson	June	14, 1936		19-197
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Dawson County Canal	1926	3,714	15,103	Dawson	Mar.	31, 1937		2726*
Platte River	Zurco, W. J.	Hastings	Energy Pump	Irrig.	1,711	2,127	Lincoln	Feb.	20, 1931		2191
Platte River	Dawson County Irrig. Company	Lexington	Dawson County Canal	Irrig.	2,712	2,122	Dawson	Mar.	1, 1932		2202
Sutherland Res.	Platte Valley Public Power and Irrig. District	North Platte	Dawson County Canal	Supply	2,252	15,103	Dawson	Mar.	31, 1935		2726*
Platte River	The Central Nebraska Public Power and Irrig. District	Hastings	The Central Nebraska Supply Canal	Irrig.	1171.00	8,122	Lincoln	Jan.	11, 1934		2335
Platte River	The Central Nebraska Public Power and Irrig. District	Hastings	The Central Nebraska Supply Canal	L. & P.	269,000	8,232	Lincoln	Apr.	27, 1934		2351
Platte River	The Central Nebraska Public Power and Irrig. District	Hastings	The Central Nebraska Supply Canal	Power	166,000	8,122	Lincoln	Apr.	27, 1934		2354
Plum Creek	Dolan, Alfred E.	Lawson	Plum Creek Reservoir	Drain.	71,281	16,424	Lawson	Jan.	12, 1914		1344
Plum Creek	Dolan, Alfred E.	Lawson	Plum Creek Reservoir	Drain.	40,241	16,424	Lawson	Jan.	17, 1914		1344R
Plum Creek	Browning, R. S. et al.	North Platte	Browning Pump	Drain.	33,500	7,771	Casper	Mar.	14, 1935		2127
Fruit Creek	MacQueen, Glen H.	Silver Creek	Brande Pump	Drain.	7,852	16,388	Meridian	Sept.	8, 1935		2135
Pumpkinseed Cr.	Kelley, Wm. J.	Harrisonburg	Kelley Canal	Drain.	1,475	3,315	Harrison	May	28, 1936		2151
Pumpkinseed Cr.	Zupp, Henry S.	Platte Center	Howard Canals Nos. 1-2	Drain.	1,292	15,541	Dwinn	June	1, 1937		2161
Pumpkinseed Cr.	Osborn, Albert H.	Harrisonburg	Logan Canal	Drain.	4,000	7,185	Harrison	July	16, 1936		2162

Pumpkinseed Cr	Court House Rock Co	Stoughton	Court House Rock Canal	Tring	30 50 30 10 30	Moore	Feb	1 1890	540
Pumpkinseed Cr	Court House Rock Co	Stoughton	Court House Rock Canal	Tring	30 70 30	Moore	Feb	1 1890	1,020
Pumpkinseed Cr	Stetson, Elmer S. and Helen G.	Brookport	South-Wheeler South Canal	Tring	1 17 24 19 30	Moore	Oct	10 1890	2420
Pumpkinseed Cr	Atwood, Frank Co	Brookport	Water Canal	Tring	5 57 33 19 30	Moore	Nov	1 1890	843
Pumpkinseed Cr	Swain, W. B.	Brookport	Round-the-Kammer Canal	Tring	14 00 20 15 30	Moore	Nov	20 1890	576
Pumpkinseed Cr	Firth and Trout	Brookport	East Channel Canal	Tring	6 41 27 15 30	Moore	Apr	17 1891	653
Pumpkinseed Cr	Method, Max, Geo. and	Brookport	Round House Rock Canal	Tring	2 72 28 15 30	Moore	May	25 1891	851
Pumpkinseed Cr	Math, Rose	Brookport	North Canal	Tring	21 27 19 30	Moore	May	20 1891	846
Pumpkinseed Cr	Thompson, W. F. et al	Brookport	East Side Canal	Tring	1 00 20 15 30	Moore	June	1 1893	502
Pumpkinseed Cr	Nelson, Elmer S. and Helen G.	Brookport	South-Wheeler North Canal	Tring	71 26 15 21	Moore	June	1 1895	5420
Pumpkinseed Cr	Clark, Michael	Harrisburg	U. S. Canal	Tring	2 57 2 15 30	Butler	July	1 1897	913
Pumpkinseed Cr	Atwood, Frank and Cattle Company	Scottsbluff	Arsenal Canal No. 1	Tring	3 32 2 15 30	Butler	Jan	24 1897	639
Pumpkinseed Cr	Atwood, Frank and Cattle Company	Scottsbluff	Arsenal Canal No. 2	Tring	3 27 2 15 30	Butler	Jan	24 1897	609
Pumpkinseed Cr	Hoffard, Elmer	Corning	State Reservoir	Tring	45 7 15 25	Butler	Jan	24 1897	714
Pumpkinseed Cr	Hoffard, Elmer	Corning	State Reservoir	Tring	1 31 7 13 25	Butler	June	21 1898	711
Pumpkinseed Cr	Sevick Investment Co	Brookport	Swinger Canal	Tring	45 30 15 30	Moore	Nov	25 1897	851
Pumpkinseed Cr	Arsenal, Frank and Cattle Company	Scottsbluff	Arsenal Canal No. 2	Tring	1 18 4 15 30	Butler	Oct	25 1897	1101
Pumpkinseed Cr	Arsenal, Frank and Cattle Company	Scottsbluff	Arsenal Canal No. 1	Tring	31 2 15 30	Butler	Sept	4 1897	1190
Pumpkinseed Cr	Arsenal, Frank and Cattle Company	Scottsbluff	Arsenal Canal No. 2	Tring	4 31 2 15 30	Butler	Sept	15 1897	150
Pumpkinseed Cr	Quinn, T. E.	Brookport	Water Canal	Tring	25 20 15 30	Moore	Oct	15 1897	1566
Pumpkinseed Cr	Swain, Willie G.	Omaha	Swain Pump	Tring	1 64 25 15 30	Butler	Nov	23 1897	2517
Pumpkinseed Cr	Swain, Willie G.	Omaha	Swain Pump	Tring	75 15 28 30	Butler	July	2 1897	7272*
Pumpkinseed Cr	Reiter, Leonard	Brookport	Court House Rock Canal	Tring	05 30 15 30	Moore	Apr	11 1898	2415
Red Willow Cr near North Platte River	Dobson, Mary E.	Montroy Co	Dobson Lateral	Tring	2 00 22 25 30	Ortiz	April	10 1913	1432

*Application pending. *Represents reservoir capacity allowed by applicant.
 "R" Denotes reclamation. "O. D." Denotes optional diversion.

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

Source	Name of Appropriator	Post Office	Character	Use to which applied	Priority		Date of Priority	Dist. No.	App. No.	
					Sec. 1	Sec. 2				
Red Willow Cr. (See North Platte River)	Dobson, Mary E.	Morrison, Cal.	Dobson Lateral	Irrig.	27	27	27 27 02 Morrill	Nov.	5 1915	1486
Sand Creek	Dobson, W. H.	Lewistown	Patrick Canal	Irrig.	24	30	15 40 Morrill	May	31 1911	725
Sand Creek	Nissen, Peter	Lewistown	Nissen Canal	Irrig.	30	37	15 40 Keith	Mar.	15 1911	606
Schurtz Springs	Schurtz, Louis	Dallas	Schurtz Canal	Irrig.	21	28	15 20 Morrill	May	10 1912	851
Sheep Creek Lake	Huffman, M. J., et al.	Genoa	Huffman Canal	Irrig.	16	28	21 54 Nevada Bluff	Mar.	19 1909	817
Sheep Creek	Nash, Charles A.	Henry	Little Man Canal	Irrig.	10	11	24 54 Stock	Mar.	28 1904	745
Sheep Creek	Coyne, Eric	Cheyenne, Wyo.	Nichols Reservoir Canal	Irrig.	3	51	26 27 54 Stock	May	15 1907	829
Sheep Creek	Carpenter and Brodyent	Morrill	West Fork Canal	Irrig.	5	11	1 26 54 Stock	Sept.	21 1907	871
Sheep Creek	Crumpton, H. J.	Exeter	Lower Canal	Irrig.	37	11	25 54 Stock	Nov.	2 1907	875
Sheep Creek	Carpenter and Brodyent	Morrill	Huan Camp Reservoir	Irrig.	43	36	27 54 Stock	Jan.	20 1908	885
Sheep Creek (See North Platte River)	Sheep Creek Lateral Company	Morrill	Sheep Creek Lateral	Canal	1	4	23 57 Nevada Bluff	Feb.	26 1912	1176
Sheep Creek Draw Tiffin Lateral	Sheep Creek Lateral Company	Morrill	Sheep Creek Lateral	Irrig.	25	3	23 57 Nevada Bluff	Feb.	2 1913	1491
Sheep Creek Draw	Morrill and Sons	Southbluff	Morrill and Sons Power Canal	Power	21	23	57 Nevada Bluff	Jan.	29 1913	2290
Shunk Creek	Ruppel, H. H.	Keystone	Miller Canal	Irrig.	2	25	1 34 37 Keith	Apr.	1 1905	740
Shunk Creek	Mudley, P. P.	Keystone	Shunk Creek Canal	Irrig.	5	00	6 24 35 Keith	Nov.	5 1905	864

South, Warren	Calvert, Albert M.	Gibson	Schwan Pump	Tring	50.70	8.10	Buttala	Feb	20 1923	1507
Snake Creek	Kilpatrick Brothers	Rebecca	Quinn Canal	Tring	54.56	6.24	Box Bluff	June	6 1926	567
Snake Creek	Kilpatrick Brothers	Rebecca	Elmore River Canal	Tring	129.64	1.21	Box Bluff	June	2 1924	1104
Snake Creek	Kilpatrick Brothers	Rebecca	Kilpatrick North and South Canals	Tring	1	6.21	Box Bluff	June	7 1917	1153
South Platte R.	H. Longworth Clark	Loggins	Holbrook North Canal	Tring	20.01	7.12	Keith	June	5 1924	733
South Platte R.	Beck, Wm. J.	Big Springs	M-Fair Warren Canal	Tring	1.57	7.12	Keith	Jan	5 1925	505
South Platte R.	Meyer, Henry, George	Beck	Meyer Canal	Tring	1	46.77	Keith	Apr	14 1925	783
South Platte R.	Western Irrig. Dist.	Big Springs	Western Canal	Tring	11.20	19.18	Keith	June	14 1927	791
					129.33	41				
South Platte R.	Beal, Orval	Beale	Beal River Plant	Tring	17.40	24.12	Keith	Sept	24 1921	1619
South Platte R.	Beal, Orval	Beale	Beal Canal	Tring	5	56.29	Keith	Sept	24 1921	1625
South Platte R.	Geisler, R. M., et al	Loggins		Tring			Keith	Dec	17 1921	1530*
South Platte R.	Western Irrig. Dist.	Big Springs	Western Canal	Tring	21.43	29.13	Keith	Apr	13 1926	1504
South Platte R.	Lang, M. F.	Big Springs	Lang Canal	Tring	1.00	37.13	Keith	Sept	12 1926	1457
South Platte R.	Plattin Irrig. Dist.	Plattin	Plattin Canal	Tring	74.38	1.13	Keith	Nov	22 1924	1474
South Platte R.	Countryman, C. J.	Loggins	McCaughey North Canal	Tring		12.10	Keith	Mar	16 1924	1485*
Spotted Tail Dry	Great Western Sugar Company	Scotts Bluff	Matched Factory	Mfg.	13.00	20.75	Scotts Bluff	Mar	24 1927	1552
Spotted Tail, Wet	Scotts Bluff	Loggins	Stewart-Dryden Canal	Tring	1	53.26	Scotts Bluff	Mar	2 1924	763
Spotted Tail, Wet	Scotts Bluff	Loggins	Stewart-Dryden Canal	Tring	2	24.06	Scotts Bluff	Mar	17 1921	1572
Spotted Tail, Wet	Young, Thos. H.	Mitchel	Spring Creek Reservoir	Tring	126.67	27.28	Scotts Bluff	Feb	6 1922	1642
Springs, Tributary to North Platte River	Math, Chas.	McBeth	Math Canal	Tring	58.25	21.54	Scotts Bluff	Aug.	21 1913	1219
Spring Branch	Hinkle, Bro. & Co.	Keystone	Branch Canal	Tring	67.35	15.37	Keith	Sept	24 1927	416
Spring Creek	Harber, Wm. E.	Redinger	Branch Canal	Tring	59.13	13.52	Keith	June	17 1929	246

*Application pending.

†Represented reservoir capacity alleged by applicant.

**Money shown feet stipulated under Colorado-Nebraska South Platte River Compact.

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

Source	Name of Applicant	Post Office	Owner	Type, which applied	Priority		Date of Priority	App. No.
					State	County		
Spring Creek	Great Creek Milling Truss Company	Lemoyne	Spring Creek Canal	Irrig.	Pa.	12 25 1876	1876	120
Spring Creek	T. P. Railway Co.	Meriden	Western Lake	Do.	Pa.	14 30 1876	1876	50
Spring Creek Little	Key Stone Pump Co.	Key Stone	Little Spring Canal	Irrig.	Pa.	15 27 1877	1877	69
Spring Creek, Little	Beatty, W. H. & D.	South Bluff	Streamek Canal	Irrig.	Pa.	12 22 1877	1877	136
Spring Creek, Little	Graves, Johnson H.	South Bluff	Richford Canal	Irrig.	Pa.	12 22 1877	1877	110
Spring Creek, Little	McClendon, E.	South Bluff	Streamek Canal	Irrig.	Pa.	12 22 1877	1877	142
Spring Creek, Little	Marion, D. H.	South Bluff	Streamek Canal	Irrig.	Pa.	12 22 1877	1877	151
Steever Creek	Townson, Arthur	Downs	Downs Canal	Irrig.	Pa.	12 12 1878	1878	172
Steever Creek	Andrew, H. M.	Downs	Andrew Canal	Irrig.	Pa.	12 21 1878	1878	177
Steever Creek	Granger, H. L.	Downs	Granger Canal	Irrig.	Pa.	12 21 1878	1878	184
Steever Creek	Webbender, Nat.	Downs	Webbender Canal	Irrig.	Pa.	12 18 1878	1878	169
Steever Creek	Beatty, Harry T.	Downs	Beatty Canal	Irrig.	Pa.	12 18 1878	1878	208
Steever Creek Drainage Dist. Tract No. 31	Beatty, Harry T.	Downs	Beatty Canal	Irrig.	Pa.	12 18 1878	1878	217
Steever Creek	Peterson, D. H.	Levittown	Peterson Canal	Irrig.	Pa.	12 15 1878	1878	194
Steever Creek	Bent, John T.	Levittown	Bent Canal	Irrig.	Pa.	12 15 1878	1878	199
Steever Creek	Jungensen, Henry	Levittown	Jungensen Canal	Irrig.	Pa.	12 15 1878	1878	202
Southland Res.	Peterson, T. B.	Levittown	Downs County Canal	Supply	Pa.	12 15 1878	1878	204
Southland Res.	Plate Valley Public Power and Light District	North Plate	Southland Head Race	Supply A-2553	Pa.	12 15 1878	1878	270

Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Cazad Canal	Supple	D-626 15 11 25 Dawson	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Cazad Canal	Irri. g.	16 12 25 Dawson	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Dawson County Canal	Supple	D-625 18 3 28 Dawson et al	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Dawson County Canal	Irri. g.	18 10 21 Dawson	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Elm Creek Canal	Supple	A-2104 5 8 15 Dawson et al	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Gothenburg Canal	Supple	D-645 15 12 20 Dawson D-645*	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Heartley Canal	Supple	D-1623 1 5 15 Buffalo	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Kearney Canal	Irri. g.	2 5 15 Buffalo	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Lincoln & Buffalo Canal	Supple	D-627 9 10 24 Dawson	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Six Mile Canal	Supple	D-680 11 11 25 Lincoln	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Twenty Mile Canal	Supple	A-1644 10 14 26 Lincoln et al	Mar.	31 1937	2726*
Southland Dist.	Platte Valley Public Power and Irri. District	North Platte	Twenty Mile Canal	Irri. g.	20 12 26 Lincoln	Mar.	31 1937	2726*
Taylor Creek	Porter J. R.	Elm Creek	Porter's Ditch	Irri. g.	21 9 15 Buffalo	Jan.	15 1938	2425

*Appropriation pending. *Represents reserve capacity. Irri. g. = Irri. g. and
 S. = Southland Creek or water supply system. D. = Ditch. S. = Spaulding Water Ditch or Creek.

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

Stream	Name of Applicant	Township	County	Type of Application	Mileage		Date of Priority	Date of Issue	No. App.
					to Point of Diversion	to Mouth of Stream			
White Horse Cr.	John W. C. and Bernard C. Adams	North Platte	Lumpkin Lake	1700	2.58	14.30	June 27, 1883	928	
White Horse Cr.	Edith John Estate	North Platte	Edith Canal	1700	6.4	14.4	Feb. 27, 1893	1336	
White Horse Cr.	McNamee, S. H.	North Platte	McNamee Ditch	1700	1.71	10.34	Eschsch.	Mar. 12, 1893	2127
White Tail Cr.	McCarthy, J. M.	Keystone	McCarthy Canal	1700	3.08	15.28	Keith	Feb. 25, 1893	749
White Tail Cr.	M. Gurley, Geo. S. J.	Keystone	Hillaway-Thompson Canal	1700	3.08	15.28	Keith	June 1, 1893	757
White Tail Cr.	M. Gurley, Geo. S. J.	Keystone	Keystone Canal	1700	4.0	15.28	Keith	Feb. 25, 1893	730
White Tail Cr.	Martin, Charles	Keystone	John Canal	1700	37	15.28	Keith	May 15, 1893	751
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	1700	29.09	15.28	Keith	Apr. 26, 1893	6626
White Tail Cr.	Overton, E. C.	Keystone	Overton Canal	1700	3.62	11.17	Keith	Apr. 26, 1893	6183
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	1700	4.30	15.28	Keith	Nov. 30, 1893	849
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	1700	7.51	15.28	Keith	May 27, 1893	1042
Willow Creek	Hunter County Bank	Eastwood	Willow Springs Canal No. 1	1700	37	19.56	Hunter	Jan. 21, 1893	653
Willow Creek	Hunter County Bank	Eastwood	Willow Springs Canal No. 2	1700	36	19.56	Hunter	Jan. 21, 1893	651
Willow Creek	Stacy, Fred W.	Eastwood	Stacy Canal	1700	1.70	16.10	Hunter	May 2, 1893	229
Willow Creek	M. F. Ford, Manager	Salmon	Stallard Canal	1700	30	11.53	Keith	Nov. 2, 1893	2134
Willow Creek	M. F. Ford, M. J.	Salmon	Stallard Canal	1700	29	11.53	Keith	Nov. 20, 1893	2142
Willow Creek	Kanold, W. E.	Salmon	Willow Creek Canal	1700	27	14.45	Keith	Oct. 15, 1893	2858
Winters Creek	Hunter, Chas. A.	Garrett	Hunter Canal	1700	1.67	10.75	Scott	Aug. 17, 1893	924
Winters Creek	Great Western Sugar Company	Scottsbluff	Scottsbluff Factory	1700	15.00	22.78	Scott	Oct. 4, 1893	3393
Wood River	Ashton, J. N.	Salmon	Ashton Canal	1700	10.00	24.24	Boffalo	Nov. 1, 1893	2931
Wood River	Boyer, Guy S.	Garrett	Boyer Canal	1700	21	30.11	Boffalo	May 1, 1893	8934
Wood River	Ashton, J. N.	Garrett	White Bridge Park	1700	10	38	Boffalo	Mar. 14, 1893	3458
Wood River	Kennel, J. J.	Nez Perce	White Bridge Park	1700	10	38	Boffalo	Mar. 14, 1893	3459
Wood River	Landerson, C. A.	Garrett	Landerson Canal	1700	15.31	30.76	Boffalo	Nov. 9, 1893	3038

(See A. 1350)

Wood River	Kimball, J. C. Co.	Shelton	Kimball High Canal	Tring	1 00 70 5 12 Buffalo	Sept	21 1922	1227
Wood River	Lindgren, C. A.	Shelton	Joe Joseph Rose Pump	Tring	2000 21 30 16 Buffalo	Feb	2 1920	1272
Wood River	Hall, James	Shelton	Haug Pump	Tring	54 3 0 11 Buffalo	Sept	7 1920	1380
Wood River	Peterson, Christian	Shelton	Edvard Pump	Tring	1 17 16 0 11 Buffalo	July	11 1921	1412
Wood River	Nelson, M. D.	Shelton	Nelson Pump	Tring	2 28 8 0 12 Buffalo	Nov	25 1921	1414
Wood River	Rogers, L. H., Estate	Shelton	Rogers Pump	Tring	3 14 0 14 Buffalo	Sept	4 1922	1415
Wood River	North, O. H., North of Seven Day Plant	Shelton	Shelton Academy Pump	Tring	2 25 32 0 12 Buffalo	Feb	18 1922	1418
Wood River	Haug, James	Shelton	Haug Pump No. 2	Tring	37 0 0 13 Buffalo	Nov	26 1922	1444
Wood River	Hallen, Edvard	Shelton	Hallen Pumps No. 1 & 2	Tring	1 27 5 0 16 Buffalo	Apr	4 1922	1454
Wood River	Hallen, Edvard	Shelton	Hallen Unit	Tring	47 0 0 16 Buffalo	Apr	17 1922	1455
Wood River	Hansen, Rudolph	Wood River	Hansen Pump	Tring	1 17 18 0 11 Hall	May	22 1922	1468
Wood River	Hove, Lloyd M.	Wood River	Hove Pump	Tring	54 17 20 12 Hall	July	14 1922	1479
Wood River	Wilson, H. C.	Shelton	Wilson Pump	Tring	1 21 14 0 12 Buffalo	Nov	15 1922	1493
Wood River	Smith, Ryan P.	Shelton	Smith Pump	Tring	1 31 1 0 13 Buffalo	Feb	12 1923	1702
Wood River	Ross, W. M.	Shelton	Ross Pump	Tring	26 21 0 14 Buffalo	Apr	28 1924	1743
Wood River	Travelers Insurance Co.	Shelton	Traveler Pump	Tring	1 36 30 0 12 Buffalo	Nov	2 1924	1752
Wood River	Hutchinson, Frank	Shelton	Hutchinson Pump	Tring	49 18 0 11 Buffalo	Sept	8 1925	1759
Wood River	Walker, Eva C.	Shelton	Walker Pump	Tring	29 8 0 13 Buffalo	Nov	27 1925	1794
Wood River	Nelson, John N.	Shelton	Nelson Pump	Tring	71 8 0 13 Buffalo	Feb	10 1926	1794
Wood River	Kirk, T. A.	Shelton	Kirk Pump	Tring	2 57 24 0 14 Buffalo	Feb	23 1927	1797
					16 5 14			
Wood River	Lungren, Theo	Wood River	Lungren Pump	Tring	1 24 11 10 11 Hall	Mar	15 1926	1800
Wood River	McCormick, M. C.	Shelton	McCormick Pump	Tring	8 42 7 0 13 Buffalo	Nov	21 1926	1802
Wood River	Morris, Edward H.	Shelton	Morris Pump	Tring	8 0 0 14 Buffalo	May	25 1926	1814
Wood River	Olson, Edvard	Shelton	Olson Pump	Tring	1 57 2 0 13 Buffalo	June	15 1926	1814
Wood River	Carlson, Carl E.	Shelton	Carlson Pump	Tring	1 11 15 0 13 Buffalo	July	19 1926	1820
Wood River	Hyslop, H. O.	Shelton	Hyslop Pump	Tring	1 7 4 0 13 Buffalo	July	20 1926	1821
Wood River	Flower and Son	Shelton	Flower Pump	Tring	41 13 0 11 Buffalo	July	24 1926	1821
Wood River	Johnson, Jacob	Shelton	Johnson Pump	Tring	8 26 0 17 Buffalo	Nov	18 1926	1827
Wood River	Olson, Edvard E., Jr.	Shelton	Olson Pump	Tring	8 0 0 13 Buffalo	Feb	20 1927	1867
Wood River	Nickel, Knut	Shelton	Nickel Pump	Tring	1 57 25 0 16 Buffalo	July	16 1928	2105
Wood River	Abels, Carl H.	Shelton	Abels Pump	Tring	1 21 0 16 17 Buffalo	Nov	11 1928	2156
Wood River	Crackin, George L.	Shelton	Crackin Power Plant	Power	19 50 1 13 8 Moorock	Mar	18 1927	2171
Wood River	Crackin, George L.	Shelton	Crackin Pump	Tring	3 09 0 11 8 Moorock	May	18 1927	2175
Wood River	Ng, Kate E.	Shelton	Ng Pump	Tring	18 10 0 16 Buffalo	Sept	11 1928	2265

*Application pending. † Represents reservoir capacity allowed by applicant.
 ‡ At 20' discharge, upstream.

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

Source	Name of Applicant	Post Office	Carrier	Type of Work Applied	Provisional Grant			Date of Priority	Dec. App. No.	App. No.
					Sec. 16	S. T. R.	County			
Arkifer R.	Jenkins, Chas. T.	Halgler	Halgler Beaver Dam Canal	Irreg.	17.00	15	18.42	Colombia	Jan. 21 1910	978
Assey Lake	Price, Walter J.	Oxford	Price Pump	Irreg.	2.31	5	8.21	Furnas	Jan. 4 1930	2120
Beaver Creek	Newton, Thos. F.	Beaver City	Newton Pump	Irreg.	.57	16	2.21	Furnas	Apr. 21 1917	1923
Beaver Creek	Versaw, Paul H.	Beaver City	Versaw Pump	Irreg.	1.22	22	2.23	Furnas	Feb. 11 1927	1937
Beaver Creek	Wilder, John, Estate	Lebanon	Wilder Pump	Irreg.	1.49	12	1.26	Red Willow	Aug. 8 1925	2156
Beaver Creek	Fletcher, H. W.	Beaver City	Fletcher Pump	Irreg.	.48	21	2.21	Furnas	Aug. 8 1932	2142
Beaver Creek	Beaver Paper Mills	Stanford	South Beaver Canal	Irreg.	.75	23	2.23	Furnas	Dec. 14 1936	2671*
Beaver Creek (See Subj. Cr.)	Beaver Paper Mills	Stanford	North Beaver Canal	Irreg.	.51	24	2.23	Furnas	Dec. 14 1936	2672*
Beaver Creek (See Subj. Cr.)	Beaver Paper Mills	Stanford	Lake Beaver Branch	Irreg.	.25	23	2.23	Furnas	Dec. 14 1936	2673*
Beaver Creek	Wood, A. B.	Harley	Wood Pump	Irreg.	.51	24	1.25	Red Willow	Oct. 8 1907	2796
Beaver Creek	Philo, Robert A. and Lena D. V.	Stanbury	Philo Pump	Irreg.	.51	24	1.25	Red Willow	Apr. 1 1928	2557
Bell Creek	Bell, J. K.	Superior	Valley Reservoir	Irreg.	12.48	29	1.6	Nebraska	Apr. 3 1924	2013
Bergers Creek (See Subj. Cr.)	Brighton, Edward I.	Indianola	Brighton Pump	Irreg.	.54	12	3.25	Red Willow	Aug. 16 1932	2280
Buffalo Creek	Larned, Wm. H. et al.	Halgler	Adm.-Larned Canal	Irreg.	8.00	1	1.0	Dundy	Oct. 16 1890	317
Buffalo Creek	Patton and Son, J. E.	Halgler	Patton Canal	Irreg.	2.80	3	1.1	Dundy	Nov. 26 1890	171
Buffalo Creek	Jenkins, Chas. T.	Halgler	Jenkins Canal No. 1	Irreg.	4.57	18	1.40	Dundy	Nov. 12 1918	804
Buffalo Creek	Patton, John and Incorporated Co.	Halgler	Patton Canal	Irreg.	3.32	1	1.4	Dundy	June 22 1912	1295
Bushy Creek	Lyman, Frank S.	McCook	Bushy Creek Reservoir	Irreg.	1250.00	3	2.22	Red Willow	Jan. 1 1911	1201
Bushy Creek	Young, Leo	Maywood	Young Canal	Irreg.	.26	27	5.25	Furnas	Apr. 5 1925	1921
Cedar Creek	Gregory, A. B. and P. J.	Franklin	Gregory Canal	Irreg.	2.50	3	1.15	Franklin	Apr. 11 1924	182
Center Creek	Long, C. W. et al.	Franklin	Black Vol. Can. Canal	Irreg.	2.52	3	1.15	Franklin	Nov. 17 1924	2023

Cook Creek	Harrell, W. C.	Owner	Alamy	Cook Creek Canal	Irrig.	1-28-33	2-18 Franklin	July	21 1917	1491
Cook Creek	Shaffer, Frank		Alamy	Shaffer Canal	Irrig.	1-28-33	2-18 Franklin	July	21 1918	1497
Cook Creek	Shaffer, Frank		Alamy	Shaffer Tower Off	Irrig.	4-21-33	2-18 Franklin	Aug	21 1918	1502
Cottonwood, Big	McLean, Henry	Owner	21 contractor	Blackington Canal	Irrig.	5-2-25	2-18 Franklin	Dec	31 1897	1385
Cottonwood-2, Big	McLean, Henry		21 contractor	Blackington Mill	Power	6-2-25	2-18 Franklin	Nov	23 1898	1403
					Irrig.	1-9-				
Cottonwood, 1st	Gardner, C. D.		21 contractor	Garland Canal	Irrig.	1-14-0	2-18 Franklin	Mar	20 1902	1543
Cottonwood, 2nd	McIntosh, Geo. F.		21 contractor	Harvey Irrig. Plant	Irrig.	2-20-0	2-18 Franklin	Apr	27 1902	1562
Craig Creek	Higman, M. B.		21 contractor	Blackfoot Canal	Irrig.	1-25-11	1-17 Harv. 2	Aug	1 1907	1518
Crooked Creek	Kisley, C. H.		21 contractor	East Canal	Fish	1-28-1	1-11 Webster	May	7 1907	685
Crooked Creek	Shaw, E. R.		21 contractor	Weston Canal	Fish	3-28-1	1-11 Webster	Aug	8 1910	1213
Crooked Creek	Henry, Geo. B.		21 contractor	Weston Canal	Irrig.	3-28-1	1-11 Webster	June	23 1909	1256
Crystal Springs	Behr, J. H.		21 contractor	Crystal Springs Canal	Irrig.	2-28-25	2-18 Franklin	Aug	17 1923	1611
Curtis Creek	Selmon, D. O. and H. L.		21 contractor	Selmon Pump	Irrig.	2-28-26	2-28 Franklin	Apr	19 1927	1627
Deep Creek	Brink, Edward		21 contractor	Brink Pump No. 2	Irrig.	2-28-26	2-28 Franklin	Sept	18 1928	1630
Deep Creek	Fate, Ed		21 contractor	Fate Pump	Irrig.	2-28-26	2-28 Franklin	Feb	5 1910	1533
Driftwood Creek	Schmidt, Mrs. J. A.		21 contractor	Schmidt Canal	Irrig.	1-28-12	2-28 Franklin	May	8 1914	1284
Driftwood Creek	Heisterworth, John T. F. J. J.		21 contractor	Heisterworth Canal	Irrig.	1-28-12	2-28 Franklin	Nov	27 1913	1342
Driftwood Creek	Knepper, Mattie J. et al		21 contractor	System Land Canal	Irrig.	2-8-12	2-28 Franklin	Dec	6 1913	134
Driftwood Creek	Hoys, Frank		21 contractor	Hoys Pump	Irrig.	2-8-25	2-28 Franklin	Sept	7 1927	1589
Elk Creek	Murray, Esther		21 contractor	Murray Canal	Irrig.	2-8-11	1-28 Franklin	Apr	16 1911	1319
Elm Creek	Rasser, Wm. and Water		21 contractor	Rasser Canal	Irrig.	1-28-2	1-28 Webster	Jan	24 1901	1357
Eschscholtz R.	Atkes, H. E.		21 contractor	Wagners Tower Plant	Power	3-28-11	1-28 Franklin	July	11 1911	1374

*Application pending.

†Represents reservoirs or projects created by applicant.

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

Source	Name of Appropriation	Post Office	Character	Usage which applied	Priority		Date of Priority	Discharge	App. No.
					Serial No.	Location of Diversion or Dam			
Frenchman R.	Wanda Lake and Power Co.	Wadena	Wanda Power Plant	Regulation 10-17	200	1	1925	203	
Frenchman R.	Dawson City Co.	Wadena	Dawson Hydro Plant	Power	100	18	1911	101	
Frenchman R.	Kaibwa Falls Co.	Champion	Champion Mills	Power	28	21	1881	179	
Frenchman R.	Shurstar, Elton T.	Moose Lake	Aberdeen Canal	Trag.	2	3	1888	56	
Frenchman R.	Grosvonts, H. H. and Rose	Wadena	Wanda Canal	Trag.	2	4	1888	57	
Frenchman R. and Shilking Water Creek	Frenchman Valley Irrig. District	Culbertson	Culbertson Canal	Trag.	215	31	1888	24-25 29-30	
Frenchman R. (See A-110)	Kaplan's Brothers	Beauregard	Champion Canal	Trag.	124	25	1888	45	
Frenchman R.	Shurstar, Elton T.	Moose Lake	Aberdeen Canal	Trag.	2	3	1888	56	
Frenchman R.	Farmers' Union Co.	Culbertson	Farmers' Canal	Trag.	100	11	1881	70	
Champion No. 1	Wagner, Geo., Estate	Culbertson	Wagner Canal	Trag.	181	17	1881	132	
Champion No. 1	Cross, Chas.	Culbertson	Farmers' Canal	Trag.	12	14	1881	123	
Frenchman R.	Puffer, G. D.	Culbertson	Puffer Canal	Trag.	25	4	1881	62	
Frenchman R.	Frenchman Valley Co.	Culbertson	Frenchman Canal	Trag.	12	12	1881	18	
Frenchman R.	Deamons, Geo. A.	Deamons, Iowa	Frenchman Valley Canal	Trag.	108	31	1881	38	
Frenchman R.	Grosvonts, H. H. and Rose	Wadena	Wanda Canal	Trag.	200	1	1881	47	
Frenchman R.	Marsanyi, E. and J.	Champion	Marsanyi Canal	Trag.	6	42	1881	71	
Frenchman R.	Woods, John and Elmer	Wadena	North's Guestery Canal	Trag.	1	2	1881	74	
Frenchman R.	Woods, John and Elmer	Wadena	South's Guestery Canal	Trag.	22	1	1881	75	
Frenchman R.	Imeson, Nathan	Champion	Imeson Canal	Trag.	1	17	1881	78	
Frenchman R.	Knapf, D. K. Brothers	Beauregard	North Side Canal	Trag.	75	21	1881	146	
Frenchman R.	Sundtberger, Emma	Imperial	Sundtberger Canal	Trag.	1	22	1881	42	
Frenchman R.	Imeson, Frank C.	Imperial	Imeson Canal	Trag.	6	17	1881	48	
Frenchman R.	Hoff, J. A. Estate	Champion	Hoff's Power Plant	Power	24	23	1881	51	

Frenchman H.	Fallett-Kratter	Palslade	Fallett-Kratter Pump	Irrig.	4 29 35	5 31 Hayes	Apr.	10 1902	755
Frenchman H.	Fallett-Kratter	Palslade	Fallett-Kratter Pump	Irrig.	5 27 35	5 31 Hayes	Apr.	11 1902	770
Frenchman R.	Hagerman, Wm.	Hendel	Hagerman Canal	Irrig.	54 19	5 31 Hayes	Mar.	11 1909	1 935
Frenchman U.	Kratter, P. C., Estate	Waneta	Fallett-Kratter Canal	Irrig.	5 20 38	5 31 Hayes	Jan.	15 1916	973
Frenchman R.	Kratter, P. C., Estate	Palslade	Kratter Power Plant	Power	30 00 35	5 31 Hayes	Aug.	17 1910	1021
Frenchman R.	Kratter, P. C., Estate	Palslade	Kratter Canal	Irrig.	2 42 35	5 31 Hayes	Dec.	15 1910	1047
Frenchman U.	Hoke, J. A., Estate	Chambers	Hoke Canal	Irrig.	1 25 21	6 10 Chase	May	1 1911	1099
Frenchman R.	Kilpatrick Brothers	Boydine	Chambers Supply Canal	Irrig.	1000 AF 20	6 10 Chase	June	22 1911	1159
Kilpatrick R. C.	Kilpatrick Brothers	Boydine	Kilpatrick Reservoir Canal	Irrig.	10 47 20	6 10 Chase	June	22 1911	1160
Frenchman U.	Shofield, E. M., T., et al.	M. Cook	Albertson Canal	Irrig.	1 57 8	6 25 Chase	July	24 1911	1177
Frenchman R.	Theiland and Ashby	Waneta	Waneta Power Plant	Power	75 00 41	6 30 Chase	Nov.	10 1911	1182
Frenchman R.	Arpshorn, E. M.	Yulee	Arpshorn Reservoir	Irrig.	1000 AF 11	6 30 Chase	Nov.	28 1911	1142
Frenchman R.	Bishop, Stephen S., Estate	Yulee	Imrie Reservoir	Irrig.	1000 AF 17	6 30 Chase	Dec.	4 1911	1145
Frenchman H.	Oliver Brothers	Waneta	Oliver Power Plant	Power	51 00 7	6 35 Hayes	Apr.	25 1912	1251
Frenchman H.	Oliver Brothers	Waneta	Oliver Power Plant	Re. date	7	6 35 Hayes	Jan.	16 1929	2961
Frenchman R.	Oliver Brothers	Waneta	Oliver Canal	Irrig.	2 20 7	6 35 Hayes	Apr.	25 1912	1255
Frenchman R.	Kratter, P. C., Estate	Palslade	Kratter Power Plant	Power	65 00 35	6 31 Hayes	Dec.	8 1912	1329
Frenchman R.	Village of Imperial	Imperial	Imperial Power Plant	Power	35 00 25	6 35 Chase	Feb.	7 1917	1471
Frenchman R.	Smallenberg, Mrs. O. B.	Imperial	Lowry Canal	Irrig.	4 57 25	6 35 Chase	May	14 1917	1487
Frenchman R.	Marquette Dutch Co.	Waneta	Riverside Canal	Irrig.	7 30 35	6 31 Hitchcock	July	5 1912	1674
Frer, James R.	Seaman, Fred	Palslade	Seaman Pump	Irrig.	2 14 8	6 31 Hitchcock	Sept.	11 1916	1846
Frenchman R.	Kratter, P. C., Estate	Palslade	Kratter-Imperial Reservoir	Irrig.	1000 AF 8	6 35 Chase	Feb.	19 1926	1979
Frenchman R.	Kratter, P. C., Estate	Palslade	Kratter-Imperial Power Plant	Power	30 00 2	6 35 Chase	June	10 1926	1990
Frenchman R.	Kratter, P. C., Estate	Palslade	Fallett-Kratter Ext.	Irrig.	2 31 35	6 31 Hayes	Jan.	6 1933	2294
Frenchman R.	Greenbark, H. H. and Rose	Waneta	Horton Canal	Irrig.	1 26 32	6 31 Chase	July	11 1932	2381
Frenchman R.	Greenbark & Williams	Waneta	Greenbark Williams Power Plant	Power	75 00 5	6 31 Chase	July	27 1933	2391
Frenchman R.	Grimm, Fred H.	Waneta	Grimm Pump	Irrig.	4 79 15	6 35 Hayes	Apr.	25 1935	2542
					16 5 35				
					12 5 25				

(Represents acres of capacity allotted by applicant.)

(This should affirm by Supreme Court. C. D. denotes optional diversion.)

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

Name	Name of Applicant	Part of Use	Character	Character of Use Applied	Flow		Location of		Date of		Total App. No.
					Actual	Legal	Diverted	Flow	Mo.	Da. Yr.	
Frenchman Cr. and Springs (B. M. after Reopen-ment)	H. Hoelder, Geo.	Imperial	H. Hoelder Reservoir	Offag	100 WF	11	4.35	Chico	Mar.	15 1938	2570
	H. Hoelder, Geo.	Imperial	H. Hoelder Reservoir (Cont.)	Offag		40	4.35	Chico	Mar.	18 1938	2570
Frenchman Cr.	Kearney E. Fred W.	Wasatch	Kingston Pump	Trick	56	2	3.35	Chico	Mar.	12 1937	2568
Frenchman Cr.	Ward, Emma J.	Wasatch	Ward Pump	Trick	138	22	6.65	Hayes	Aug.	10 1937	2772
Frenchman Cr.	Ward, Emma J.	Wasatch	Ward Well Pump	Trick	46	35	5.81	Hayes	Nov.	25 1937	2808
Frenchman Cr.	Hoffmeister, Chas.	Wasatch	Hoffmeister Reservoir	Trick	21	6	4.0	Chico	Jan.	21 1938	2429
Frenchman Cr.	Sevens, T. S.	Wasatch	Sevens Pump	Trick	9	4	3.5	Hatchcock	Mar.	10 1938	2847
Frenchman Cr.	Oliver Brothers	Wasatch	Oliver Pump	Trick	18	5	3.75	Hayes	Apr.	2 1938	2858
Ground Water	Kramer, P. C. Estate	Wasatch	Kramer Well No. 1	Trick		75	3.34	Hayes	May	1 1938	2872
	Kramer, P. C. Estate	Wasatch	Kramer Well No. 2	Trick		1	4.34				
Horse Creek	Pringle, Geo. S.	Parks	Horse Creek Canal	Trick	186	38	1.00	Timberly	Aug.	21 1935	170
Horse Creek, Tributary to	Pringle, Geo. S.	Parks	Pringle Canal	Trick	125	10	1.00	Timberly	May	31 1906	324
Indian Creek	Thompson, R. P. et al.	Paykelman	Thompson's War Spring Canal	Trick	95	8	2.17	Timberly	June	20 1935	237
Indian Creek	Cymbertson, J. C.	Mc. Sterling Johnson	Cymbertson Canal	Trick	106	18	1.70	Timberly	Oct.	4 1885	240
Indian Creek	Walter, Chas.	Max	Walter Canal	Trick	143	28	2.85	Timberly	June	27 1935	268
Indian Creek	Ward, E. E.	Max	Ward's Canal	Trick	92	13	1.26	Timberly	Sept.	9 1935	2554
16 Mile Creek	Gardner, W. A.	Max	Gardner Pump	Trick		48	1.26	Timberly	Apr.	2 1938	2458
Indian Creek	Pringle, Geo. S.	Mc. Sterling Johnson	Pringle Pump	Trick	223	21	2.11	Webster	Jan.	9 1906	1791
Indian Creek	Harvey, G. E.	Red Cloud	Harvey Pump	Trick	287	29	2.11	Webster	Jan.	09 1906	1792
Markle Creek	By. Co., Charles F.	Trouden	Byrd's Pump	Trick	36	11	2.94	Hatchcock	Mar.	17 1938	1989
Markle Creek	Coon, L. A.	Trouden	Coon Pump	Trick	69	36	2.55	Hatchcock	Mar.	25 1938	1992
Maize Springs	C. H. & G. H. Co.	Timberly	Maize Pump	Trick	148	28	2.11	Webster	Nov.	25 1931	1548

Medicine Creek	Old City Mills	Cambridge	Cambridge Mill	Power	68 00 28	4 25	Purnas	Dec	1912	24-30	
Medicine Creek	Cambridge-Arapahoe Irrig. and Improvement Co.	Arapahoe	Cambridge-Arapahoe Canal	Irrig.	173 00 28	4 25	Purnas	Aug	20 1931		39
Medicine Creek	Reed, Martha	Stockdale	Sanders Canal	Irrig.	1 43 27	7 27	Frontier	Feb.	5 1935		53
Medicine Creek	Crest Mills	Curry	Curds Lake	Power		32	Frontier				264*
Medicine Creek	Maywood Mill Co.	Maywood	Maywood Mills	Power	11 54 10	5 29	Frontier	May	4 1907		55
Medicine Creek	Nelson, Elmer E.	Holdrege	Nelson Pump	Irrig.	0: 21	5 29	Frontier	Oct	2 1926		166
Medicine Creek	Gann, Frederick and Parks Commission	Lincoln	Westfall Dam	Resort	1944 10	0 30	Lincoln	June	15 1921		270
Medicine Creek	United Public Power and Irrigation District	Cambridge	Medicine Creek Canal	Irrig.		30	4 25 Purnas	Jan	27 1933		266*
Medicine Creek	United Public Power and Irrigation District	Cambridge	Medicine Creek Reservoir	I & I.		25	3 28 Frontier	Jan	27 1935		267*
Mitchell Creek	Trills, Ralph H.	Freedom	Trille Pump	Irrig.		57	6 26 Frontier	Apr.	26 1937		278*
Muddy Creek	Larson, Gust P.	Arapahoe	Larson Pump	Dep. g. Irrig.	3 52 17	4 23	Purnas	Nov	9 1927		163
Muddy Creek	Michel, Gus. N.	Arapahoe	Michel Pump	Irrig.	23 15	4 23	Purnas	Oct	12 1925		242
Deadle Is & C	Swan, C. A.	Alton	Swan Pump No. 1	Irrig.	65 24	1 15	Harlan	Aug	2 1937		259
Deadle Is & C	Swan, C. A.	Alton	Swan Pump No. 2	Irrig.	44 25	1 15					
Deadle Is & C	Saylor, Law	Alton	Saylor Pump	Irrig.	50 39	1 38	Harlan	Sept.	13 1937		256
Red Willow Cr	Cooper, Jas	Wallace	Red Willow Canal	Irrig.	2 00 30	0 32	Long Is.	Dec	20 1893		647
Red Willow Cr	Helen, John P.	Metook	Helen Canal	Irrig.	23 4	2 09	Red Willow	Dec	5 1910		100
Red Willow Cr	Holley, Elmer R.	Metook	Holley Canal	Irrig.	5 43 16	1 25	Red Willow	Oct	22 1925		265
Red Willow Cr	Hayes, George	Metook	Hayes Canal Pump	Irrig.	57 21	5 32	Hayes	July	27 1934		247
Republican R	Southern Nebraska Power Company	Superior	Galbreath Canal	Power	49 0 34	1 7	Stockdale	Sept	1 1877		306
Republican R	Western Public Service Company	Stockdale	Arapahoe Star Mills	Power	195 00 27	4 25	Fort St.	July	24 1927		302
Republican R	Kirkland, E. S.	Orleans	Orleans Mill and Electric	Power		27	2 19 Harlan				1043*
Republican R	Larson, A.	Metook	Curran Canal No. 1	Irrig.	1 43 75	0 00	Red Willow	July	11 1955		163

*Application pending or claim not substantiated.

*Represented reservoir capacity alleged by applicant.

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

Source	Name of Applicant	District	City or Town	Character of Claim	Date when applied	Flow			Location of Diversion or Dam	Date of Priority		Loc. No.	App. No.
						Cu. Ft. per Sec.	ft. Head	ft. Fall		Mo.	Yr.		
Republican R	Pepper Irrig. District	Hager	Hager Canal	Irrig.	12-09-21	2	1.11	Yuma, Ark.	Apr.	4-1889	3025		
Republican R	Brown, W. A.	Hager	South Fork Canal	Irrig.	11-00-21	1	.42	Dundy	Sept.	25-1891	115		
Republican R	Dundy County Irrig. Co.	Benkelman	Dundy County Canal	Irrig.	4-10-24	1	.76	Dundy	Nov.	22-1891	218		
Republican R	Trigg, W. H., et al.	Chickerson	Tate Diversion Canal	Irrig.	7-20-25	3	.31	Hitchcock	Dec.	10-1891	3		
Republican R	M. Cook Irrig. and Water Power Co.	McCook	Mesa Canal	Irrig.	143-06-25	3	.11	Hitchcock	Jan.	22-1891	491	87	
Republican R	Traction Farmers' Irrig. Association	Traction	Traction Canal	Irrig.	12-06-26	1	.24	Hitchcock	Dec.	21-1891	2		
Republican R	Carroll, A.	McCook	Carroll Canal No. 2	Irrig.	15-06-27	1	.30	Red Willow	May	5-1891	110		
Republican R	Neighbors, E. G.	Benkelman	Neighbors Canal	Irrig.	2-26-27	1	.26	Dundy	Mar.	18-1891	131		
Republican R	Republican Irrig. Co.	Benkelman	Republican Canal	Irrig.	2-00-29	1	.30	Dundy	May	2-1891	247	348	
Republican R	Larned, W. H., et al.	Hager	White Larch Canal	Irrig.	3-20-22	1	.10	Dundy	Apr.	25-1891	150		
Republican R	Matt, Lawrence	Chickerson	Matt Canal	Irrig.	1-20-16	3	.31	Hitchcock	Jan.	25-1891	11		
Republican R	Anderson Brothers	Wray	Anderson Canal	Irrig.	1-30-17	1	.37	Dundy	Jan.	26-1891	251		
Republican R	Thompson, A. J.	Hager	Tanning Canal	Irrig.	2-20-23	1	.40	Dundy	June	5-1891	154		
Republican R	Ballard, Henry E.	McCook	Kaltrap Canal	Irrig.	3-00-28	2	.21	Furnas	June	5-1891	91		
Republican R	Wilson, F. S.	McCook	Wilson Canal	Irrig.	4-2-22	3	.29	Red Willow	Oct.	1-1891	109		
Republican R	Iskware-Markman Litch Co.	Benkelman	Bellevue-Hickman Canal	Irrig.	20-03-27	3	.37	Dundy	Jan.	2-1891	157		
Republican R	Allen, E. M., et al.	Alvaston	Allen Canal	Irrig.	14-01-27	2	.28	Red Willow	Jan.	26-1891	110		
Republican R	Sisson, J. A.	Park	Trinity Canal	Irrig.	1-05-25	1	.40	Dundy	Nov.	7-1897		423	
Republican R	Hamilton, Henry C.	McCook	Hamilton Canal	Irrig.	10-05-22	3	.20	Red Willow	Jan.	22-1890	205		
Republican R	Walsh, Patrick	McCook	Walsh Canal	Irrig.	11-00-25	3	.10	Red Willow	Jan.	31-1890	537		
Republican R	Logan, W. W.	McCook	Abundant Park Canal	Irrig.	25-00-26	2	.29	Red Willow	Jan.	3-1911	1049		
Republican R	McGinnel Brothers	Traction	McGinnel Canal	Irrig.	15-07-30	1	.34	Hitchcock	Jan.	23-1912	1365		
Republican R	Hurst, J. C., et al.	Traction	Hurst-Haley Canal	Irrig.	7-14-25	2	.51	Hitchcock	Mar.	2-1911	1068		
Republican R	Coppel, Geo.	McCook	Coppel Canal	Irrig.	1-25-29	2	.40	Red Willow	May	1-1912	1090		
Republican R	Logan, W. W.	McCook	Abundant Park Canal	Irrig.	7-00-25	1	.29	Red Willow	Sept.	28-1911	1129		
Republican R	Anderson, C., et al.	Benkelman	Putnamwood Canal	Irrig.	2-25-26	1	.56	Dundy	Feb.	10-1912	1172		
Republican R	Robert Ditch Co.	Chickerson	Robert Canal	Irrig.	20-06-22	1	.32	Hitchcock	Apr.	19-1912	1192		

Republican R	Pringle, Geo. N.	Parks	Parks Canal	1876	18 26 25	1 39 Dur. by	June	18 1912	1202
Republican R	Burdett, Wm. C.	Alma	Lake Des Moines	1876	20 33 32	1 18 Harton	Dec.	28 1915	1442
Republican D	Koons, O. M. and Michael, J. C.	Alma	Koons Canal	1876	1 07 18	2 18 Harton	Dec.	28 1915	1442
Republican R	Pringle, Geo. N.	Parks	Parks Canal	1876	2 01 24	1 28 Harton	Dec.	31 1915	1444
Republican R	Pringle, Geo. N.	Parks	Parks Extension	1876	1 15 2	1 39 Dur. by	Sept.	5 1915	1555
Republican R	Hart, Roy O.	Beckwith	Hart Canal	1876	3 42 9	2 37 Harton	Sept.	14 1915	1675
Republican R	Campbell, W. E.	Trenton	Campbell Canal	1876	9 32 9	1 44 Harton	Nov.	26 1915	1827
Republican R	Crown, L. E.	Hanger	Crown Canal No. 2	1876	2 54 26	1 41 Harton	Mar.	29 1915	1749
Republican R	Leitch, Walter	Carthage	Dunlop Pump	1876	3 10 26	2 15 Harton	July	8 1915	1704
Republican R	Frederick, Geo.	Orleans	Frederick Pump	1876	1 28 31	2 19 Harton	Aug.	27 1915	1774
Republican R	Stevenson, L. E. State	Alma	Stevenson Pump	1876	6 31 3	1 28 Harton	Sept.	10 1915	1781
Republican R	Deming, Oscar	Republican City	Deming Pump	1876	1 37 11	1 17 Harton	Oct.	31 1915	1782
Republican R	Scott, C. E.	Alma	Scott Pump	1876	1 57 24	2 19 Harton	Nov.	22 1915	1789
Republican R	Hawes, N. G.	Alma	Hawes Pump	1876	1 40 35	2 18 Harton	Mar.	2 1916	1795
Republican R	Johnson, Elmer	Orleans	Republican Valley Pump	1876	2 56 24	3 28 Harton	June	18 1916	1823
Republican R	Olson, E.	Orleans	Lake View Project	1876	1 15 27	3 29 Harton	June	29 1916	1824
Republican R	Cross, L. E.	Hyde	Cross North Side Canal No. 3	1876	1 06 25	1 41 Harton	June	30 1916	1828
Republican R	Worsham, Harvey	Superior	Worsham Pump	1876	1 44 32	1 18 Nuckolls	Apr.	23 1916	1882
Republican R	Worsham, Bert	Republican City	Worsham Pump	1876	1 10 16	1 17 Harton	Jan.	29 1917	1946
Republican R	Shaffrey, C. E.	DuPont	Shaffrey Pump	1876	1 53 15	3 29 Harton	Feb.	28 1917	1996
Republican R	Wilderstein, V. J.	Republican City	Wilderstein Pump	1876	1 15 12	1 28 Harton	Mar.	17 1917	1914
Republican R	Best, John E.	Orford	Best Pump	1876	1 11 27	3 29 Harton	June	30 1917	1995
Republican R	Watson, J. P. Jr.	Carthage No. 2	Watson Pump	1876	1 27 10	1 9 Webster	July	5 1917	1917
Republican R	Bohmer, Carl M.	Keosauqua	Bohmer Pump	1876	2 09 12	1 11 Webster	Apr.	16 1918	2005
Republican R	Carver, Wm.	Superior	Jensen Pump	1876	1 40 35	1 13 Nuckolls	May	14 1918	2017
Republican R	Runk, John J.	Orleans	Runk Pumps	1876	2 13 22	3 29 Harton	Sept.	19 1918	2128
Republican R	Keller, J. Warren, Jr.	Keosauqua	Keller Canal No. 1	1876	9 23 21	1 13 Nuckolls	Sept.	19 1918	2187
Republican R	Ferry, Amos, Jr.	Keosauqua	Ferry Pumps	1876	2 26 12	1 15 Webster	Nov.	19 1918	2171

Amount allotted by U. S. Supreme Court, 15¢ per acre feet for Nebraska, 15¢ per acre-foot for Colorado. (Represents reservoir capacity allotted by applicant.)

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO. 1-34 Continued

Party	Name of Applicant	Post Office	Character	Type to which applied	Power and Grant in		Location of Diversion of Dam	Date of Priority		App. No.
					Sq. Ft.	S. T. D.		Mo.	Yr.	
Republican R	Keller, J. William, Jr.	Roskuck	Keller Canal No. 2	Drain.	9 15 26	1 4	Northville	Nov.	17 1930	2175
Republican R	Meyer, Clyde W. Kears	Franklin	Hoxner Pump	Drain.	4 06 0	1 11	Franklin	Aug.	3 1931	2324
Republican R	Merrill, H. C.	Superior	Merrill Canal	Drain.	2 61 25	2 1	Northville	Sept.	7 1922	2250
Republican R	The Frank Group	Franklin	Blackhawk Pump Dist	Drain.	20	7 19	Franklin	Feb.	25 1932	2391
Republican R	Hill, Roy E.	Edison	Hill Pump	Drain.	1 85 12	1 22	Edison	Mar.	29 1933	2314
Republican R	Arnold, F. L.	Franklin	Valley Grove Pump	Drain.	87 7	1 12	Webster	Apr.	17 1933	2315
Republican R	Brooker, A. F.	Edison	Brooker Pump	Drain.	52 28	1 22	Edison	July	12 1931	2322
Republican R	Hill, Isidore A.	Hastings	Stevens Pump	Drain.	57 12	3 21	Edison	July	19 1933	2323
Republican R	Fraser, G. E.	Edison	Fraser Pump	Drain.	1 29 22	4 22	Edison	Aug.	3 1932	2340
Republican R	Majfeld, L. L.	Edison	Majfeld Pump	Drain.	1 17 25	1 22	Edison	Aug.	8 1934	2408
Republican R	Boyd, John	Edison	Boyd Pump	Drain.	2 59 26	1 22	Edison	Nov.	9 1934	2452
Republican R	Warner, George	Edison	Warner Pump	Drain.	57 1	2 12	Edison	Nov.	28 1935	2510
Republican R	Liden, N. E.	Edison	Liden Pump	Drain.	25 18	2 18	Edison	Nov.	20 1935	2514
Republican R	Williams, Joe P.	Franklin	Williams Canal	Drain.	19	2 24	Franklin	May	11 1935	2547
Republican R	Fisher, Marshall	Edison	Fisher Pump	Drain.	3 76	4 22	Edison	June	21 1937	2692
Republican R	Public Power Co. Franklin	Roskuck	Republican R Canal No. 1	Drain.	13	1 12	Franklin	Feb.	11 1937	2693
			Republican R Canal No. 2	Drain.	5	1 12	Franklin			
			Republican R Canal No. 3	Drain.	8	1 9	Webster			
Republican R	Republican River Public Power and Irrig. Dist.	Roskuck	Republican River Reservoir	Drain.	14	1 17	Edison	Feb.	11 1937	2692
Republican R	Lang, Alfred E.	Edison	Beaverdam Pump	Drain.	33 14	3 22	Edison	Feb.	16 1937	2699
Republican R	Sevick, J. A.	Edison	French Pump	Drain.	26 6	3 22	Edison	Feb.	27 1937	2701
Republican R	Land, C. Elmer C.	Edison	Land Pump	Drain.	18	1 29	Edison	Mar.	18 1938	2849
Republican R	Clark, Daniel B.	Cambridge	Clark Pump	Drain.	20	1 25	Edison	Mar.	25 1938	2858
Republican R	Andrews, Donald	Cambridge	Andrews Pump	Drain.	56 29	4 24	Edison	Apr.	29 1938	2867

Republican R. South Park	Karr, J. W.	Benckman	Karr Canal	irrig.	2 00 00	100 Damsy	July	26 1894	155
Republican R. South Park	Riverside Ditch Co.	Benckman	Republican D.	irrig.	13 00 00	1 20 Damsy	Aug.	5 1894	156
Republican R. South Park	McDonald, J. A.	Benckman	McDonald Canal	irrig.	70 35	1 00 Damsy	Nov.	23 1901	641
Republican R. Springs, Terr. atory Co.	Francis, Father J.	Parks	Triangle Canal	irrig.	57 11	1 10 Damsy	Jan.	31 1897	364
Rock Creek	Kara Cattle Co.	Denver, Colo.	Phelan Canal	irrig.	4 20 00	1 20 Damsy	Nov.	21 1898	518
Rock Creek	Owens, J. S. et al	Parks	Owens Canal	irrig.	26 00	2 20 Damsy	June	29 1895	1 705
Rock Creek	Chicago E. R. Co.	Parks	Rock Creek Canal	irrig.	25 30	2 10 Damsy	Dec.	18 1899	1 520
Rock Creek	McIntosh & Light Assessors	Benckman	Benckman Power Plant	power	20 00	1 20 Damsy	Nov.	30 1912	1245
Rock Creek	Francis, Geo. N.	Parks	Parks Canal No.	irrig.	10	1 20 Damsy	June	25 1921	1698
Rock Creek	Kara Cattle Company	Parks	Kara Lake Reservoir	irrig.	2058 17	1 20 Damsy	Oct.	3 1911	2341
Rock Lake Reservoir	Kara Cattle Company	Parks	Kara Supply Canal	irrig.	2	1 20 Damsy	Oct.	5 1921	2480
Rock Creek	Hager, W. et al et al Parks Company	Lamar	Rock Creek Lake	power	21 800	1 10 Damsy	Feb.	25 1921	2361
Rock Canyon Cr.	Stehle, Sam'l. et al	Max	Stamberg Canal	irrig.	1 00 00	2 20 Damsy	Mar.	13 1911	1071
Rock Canyon Cr.	Stehle, L. C.	Benckman	Stehle Dam	irrig.	1541 25	2 50 Damsy	Nov.	24 1917	1950
Sacramento Cr.	Hayden, Marion E.	Hollinger	Hayden Dam	irrig.	90 10	2 15 Damsy	June	27 1917	2703
Sappa Creek	Zehrf, Geo. W.	Standford	Standford Mill	power	21	1 20 Damsy			2974
Sappa Creek	Hayden, A. L.	Standford	Hayden Dam	irrig.	1 55 10	1 20 Damsy	Sept.	9 1926	1515
Sappa Creek	Fuller, T. F.	Beaver City	Fuller Dam	irrig.	1 45 10	1 20 Damsy	Apr.	5 1927	1820
Sappa Creek	Willsow, Orin E.	Beaver City	Willsow Dam	irrig.	86 10	2 20 Damsy	Feb.	16 1927	2532
Sappa Creek	Johnson, E. L. E.	Beavans	Sappa Valley Dam	irrig.	1 19 24	1 20 Damsy	May	23 1934	2845
Sappa Creek	Beaver-Sappa Ditch	Cambridge	South Sappa Canal	irrig.	28	1 20 Damsy	Dec.	11 1936	26714
Big Beaver Cr.	Flower and Irwin Ditch		South Sappa Canal	irrig.	18	1 20 Damsy			
Sappa Creek	Beaver-Sappa Ditch	Cambridge	Spring Grove Lake	power	15	1 20 Damsy	Dec.	11 1936	26714
Big Beaver Cr.	Flower and Irwin Ditch		Beavans						

*Application pending or claim not adjudicated.

†Reservoirs reserved capacity alleged by applicant.

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

Name	Name of Applicant	Post Office	Carrier	Year to which applied	Amount		Location of Government or Land	Date of Priority		Law No.	App No.
					Sec. 11	S. F. R.		County	Mo.			D. Yr.
School Creek (See Benson Cr.)	Sugrue, Edward	Indianola	Sugrue Pump	1896	32 1/2	3.27	Foot Willow	Aug.	16 1896		2590
Spring Creek	Carlson, J. C.	Berkelman	Berkelman Canal	1896	1.29	1.37	Trandy	Dec.	31 1896		313
Spring Creek	Twin Lakes Company	Berkelman	Twin Lakes Reservoir	1896	7.84	7.38	Trandy	Apr.	16 1900		2543
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal	1896	2.46	1.28	Chase	Mar.	10 1891		57
Stinking Water Creek	Granblatt and Taylor	Beatrice	McLean Canal	1896	2.30	2.37	Chase	Jan.	13 1891		65
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 1	1896	4.57	2.67	Chase	Dec.	31 1891		12
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 6	1896	2.60	1.1	Chase	Jan.	28 1895		76
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 3	1896	1.56	1.4	Chase	Jan.	29 1895		77
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 4	1896	1.71	1.18	Chase	Jan.	29 1895		78
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 1	1896	21.14	7.38	Chase	June	27 1895		58
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 2	1896	1.79	1.4	Chase	June	27 1895		57
Stinking Water Creek	Krueger, J. C. Estate	Palisade	Krueger Canal	1896	3.04	2.1	Hager	Dec.	15 1910		1044
Thompson Cr.	Ziegler, J. and O.	Beatrice	Ziegler Pump	1896	78.27	2.23	Franklin	Jan.	10 1895		2505

Thompson Cr.	Edmondson, C. J.	Riverston	Edwards Pump	Irreg.	1970	2 12 Franklin	July	6 1935	2550
Thompson Cr. North Springs Tributary to	Edmondson, C. J.	Riverston	North Spring Canal	Irreg.	1970	2 20 Franklin	July	27 1937	2775
Turkey Cr.	Wall and Pully	Superior	Wall and Pully Canal	Irreg.	4	2 16 Franklin	July	31 1974	187
Turkey Cr.	Leising, Carl	Oxford	Empson Canal	Irreg.	27 30	4 20 Purcell	Sept	18 1926	1861
Turkey Cr.	Watson, John W. E. Katie	Oxford	Watson Pump	Irreg.	2 20 11	4 21 Purcell	Nov	30 1926	1875
Turkey Cr.	Post, Walter A.	Superior	Post Pump	Irreg.	1 20	8 1 10 Franklin	May	27 1927	1930
Turkey Cr.	The Imperial Chapter of the Ancient Order of the Mystical Order of the Nobles of the Mystic Shrine for North America	Kennett City, Missouri	26th St. Pump	Irreg.	1 18	3 1 21 Purcell	May	20 1927	1934
Turkey Cr.	Wingard, J. H.	Oxford	Wingard Pump	Irreg.	94	6 2 21 Purcell	July	5 1927	1928
Turkey Cr.	Post, Walter A.	Superior	Post Pump	Irreg.	1 20	8 1 26 Franklin	Aug	24 1928	1933
Turkey Cr.	Leitch, Joseph A. et al.	Franklin	Post Pump	Irreg.	1 17	8 1 26 Franklin	Aug	27 1928	1932
Turkey Cr., Stream Tributary to	Scott, Henry	Superior	Scott Pump	Irreg.	1 00 17	1 10 Franklin 18 2 16	July	30 1928	1935
Valley Home Creek	Lamb, W. A.	Superior	Lamb Reservoir	Irreg.	100 AF 28	1 6 Nickolls	Nov	15 1929	2176
Valley Home	Lamb, W. A.	Superior	Lamb Reservoir Canal	Irreg.	28	2 6 Nickolls	Nov	15 1929	2201
Vining Creek	James, C. E. and Samuelson, Leon	Blountsville, Franklin	James Canal	Irreg.	20 28	1 15 Franklin	July	28 1935	2321
Vining Creek	James, C. E. and Samuelson, Leon	Blountsville, Franklin	James Reservoir	Irreg.	22 AF 28	2 15 Franklin	Sept	28 1935	2353
James Creek	James, C. E.	Blountsville	James Canal	Irreg.	28	2 15 Franklin	Sept	28 1935	2379

*Represents reservoir capacity alleged by applicant.

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

Name	Name of Applicant	Post Office	Character	Use to which applied	Power		Location of Diversion or Dam	Date of Priority		App. No.
					Foot Cms.	H.P.		Mo.	Da.	
White Oak Creek	U. S. F. America	Washington	Rail Road Station	Tram	34.00	2.26	Jefferson Co.	Apr.	18, 1921	2466
Blue R., Little	Southwestern Lumber & Paper Company	Washington	State Mill Race	Power	10.00	5.00	Nuckolls Co.			961
Blue R., Little	Howard, O. B.	Ayr	City of Ayr	Tram	12.47	6.10	Adams	Aug.	15, 1921	1218
Crystal Lake	Burhard, O. S.	Ayr	City of Ayr	Tram	75.00	6.10	Adams	Aug.	17, 1922	1523
Blue R., Little	Lyon, Geo., Jr.	Nebraska	Lyon Power Plant	Power	150.00	29.00	Nuckolls Co.	Apr.	29, 1921	1110
Blue R., Little	Lyon, Geo., Jr.	Nebraska	Lyon Street	Tram	1.00	18.00	Nuckolls Co.	Apr.	29, 1921	1111
Blue R., Little	Southwestern Nebraska Power Company	Emporia	Meyer Power Plant	Power	150.00	16.00	Nuckolls Co.	July	27, 1920	1477
Blue R., Little	Boonville Center	Missouri	Boonville Power Plant	Power	210.00	9.00	Jefferson	Mar.	21, 1920	1158
Blue R., Little	Champion, J. T.	Houston	Blue Valley Plant	Power	2,000.00	3.00	Jefferson	May	28, 1920	1142
Blue R., Little	Wassard, O. S.	Ayr	Watkins Canal	Power	1.00	25.00	Adams	Nov.	19, 1920	1194
Blue R., Little	Hartman, Elias	Kennett	Hartman Canal	Tram	2.00	22.00	Jefferson	Aug.	7, 1921	1683
Blue R., Little	June, H. J.	Hastings	June Valley Water Club	Recreation	1.00	5.00	Adams	May	23, 1921	1745
Blue R., Little	Stow, R. B.	Hastings	Stow Sand and Gravel Plant	Mfg.	22.00	1.20	Jefferson	Aug.	10, 1920	1447
Blue R., Little	Kelton, Geo. S.	Keosauqua	Kelton Turbine	Tram	30.00	5.10	Adams	Nov.	1, 1920	1614
Blue R., Little	Vap, Alex.	Keosauqua	Vap Turbine	Tram	8.00	5.10	Adams	Dec.	8, 1920	1678
Blue R., Little	Gandrud, J. S.	Hastings	Gandrud Pump	Tram	39.00	6.10	Adams	Feb.	22, 1921	1501
Blue R., Little	Anderson, Nelson G.	Ayr	Profit Pump	Tram	1.00	28.00	Adams	Feb.	23, 1921	1501
Blue R., Little	Richard, C. I.	Keosauqua	Leitch Canal	Tram	1.88	31.00	Adams	Mar.	7, 1921	1507
Blue R., Little	Richard, C. I.	Keosauqua	Keopf Pump	Tram	1.00	25.00	Adams	Mar.	8, 1921	1509
Blue R., Little	Grady, Harry	Ayr	Grady Pump	Tram	86.15	5.10	Adams	Mar.	5, 1922	1580
Blue R., Little	City of Emporia	Emporia	Emporia Pump	Mfg.	16.50	15.00	Jefferson	Apr.	27, 1921	1601
Blue R., Little	Hoenberger, Tom	Ayr	Hoenberger Pump	Tram	2.00	11.00	Adams	Apr.	24, 1921	1578
Blue R., Little	Grant, Wm.	Emporia	Plant No. 1	Power	9.00	2.20	Jefferson	Apr.	18, 1920	1438
Blue R., Little	Grant, Wm.	Emporia	Plant No. 2	Power	26.00	2.20	Jefferson	Apr.	18, 1920	1441

Blue R. Little	Bergt, Theodore	Lynchburg	High Pump	Irreg.	1 30 22	3	4	Thayer	July	11 1930	2184
Blue R. Little	Dunbar, K. M. J. and Schmidt, Harry H.	Hastings	Blue Horse Pump	Irreg.	5 24 29	3	3	Thayer	Aug.	4 1931	2182
Blue R. Little	Dunn, E. M.	Karlsruhe	Midwest Garden Pump	Irreg.	1 71 26	2	13	Jefferson	Sept.	4 1879	2265
Blue R. Little	Hefner, C. W.	Lynchburg	Reverend Pump	Irreg.	2 22 26	2	4	Thayer	Feb.	26 1931	2192
Blue R. Little	Nelson, Henry H.	Lynchburg	Noble Pump	Irreg.	5 00 26	3	4	Thayer	Mar.	6 1931	2194
Blue R. Little	Snider, Harry K.	Ayr	Snider Pump	Irreg.	25	4	5	Adams	Sept.	27 1931	2278
Blue R. Little	Holler, H. H.	Hastings	Heise Pump	Irreg.	6 27	6	10	Adams	Sept.	26 1931	2281
Blue R. Little	Weyenberg, John T.	Hastings	Weyenberg Pump	Irreg.	1 26 23	5	8	Clay	Oct.	9 1931	2282
Blue R. Little	Zwiesel, Albert	Karlsruhe	Zwiesel Pump	Irreg.	1 25	2	2	Jefferson	July	25 1932	2277
Blue R. Little	Plant, Geo. H.	Spring Brook	Plant Pump	Irreg.	2 18	5	8	Clay	May	15 1934	2321
Blue R. Little	Peters, Charles R.	Arks	Peters Pump	Irreg.	7 12	1	6	Stoddard	May	31 1934	2349
Blue R. Little	Meyer, John H.	Clark	Meyer Pump	Irreg.	1 31	2	3	Stoddard	June	2 1934	2394
Blue R. Little	Davis, John H.	Parham	Davis Pump	Irreg.	6 15	5	8	Clay	June	5 1931	2399
Blue R. Little	Stokobrand, William	De Witt	Stokobrand Pump	Irreg.	34	3	2	Thayer	Aug.	3 1934	2451
Blue R. Little	Johnson, Mrs. Hester	Clark	Johnson Pump	Irreg.	1 14	3	3	Stoddard	Aug.	12 1934	2460
Blue R. Little	Karpovek, J.	Karlsruhe	Karpovek Pump	Irreg.	58	8	1	SE Jefferson	July	1 1934	2491
Blue R. Little	Keo, Charles E.	Osage	Keo Pump	Irreg.	46	22	2	Jefferson	Nov.	1 1935	2511
Blue R. Little	Keo, C. E.	Osage	Keo Pump	Irreg.	54	21	3	JE Jefferson	Nov.	26 1935	2537
Blue R. Little	Perkins, Franklin R. Karlott, Charles	Yugar Nelson	Perkins-Karlott Pump	Irreg.	2 11 9	4	5	Stoddard	Aug.	7 1935	2561
Blue R. Little	Carlson, Albert N.	Jefferson	Carlson Pump	Irreg.	91	9	2	Thayer	Jan.	25 1937	2642
Blue R. Little	Hubbell, C. J.	Jefferson	Hubbell Pump No. 1	Irreg.	16 22	5	7	Clay	Jan.	26 1937	2689
Blue R. Little	Hill, James W.	Jefferson	Hill Pump	Irreg.	31 32	5	7	Clay	Mar.	26 1937	2721
Blue R. Little	Hughes, C. J.	Dewey	Hughes Pump No. 1	Irreg.	21 32	6	5	Adams	May	28 1937	2741
Blue R. Little	McKenzie, F. W.	Holston	McKenzie Pump	Irreg.	38	36	3	Thayer	Nov.	7 1937	2779
Liberty Creek	Hubbell, C. J.	Dewey	Hubbell Pump	Irreg.	67	32	5	Clay	Jan.	30 1937	2890
Hawnee Creek	Mason, D. B.	Clay Center	Mason Lake	Admstr.	65	46	5	Clay	Mar.	10 1938	2967
Rowe Creek	Wilson, Clyde	Jefferson	Wilson Pump	Irreg.	1 01	31	1	SE Jefferson	July	14 1934	2495
Sandy Creek, WV	Bronger, M. A.	Alexandria	Bronger Pump	Irreg.	43	6	3	Thayer	Apr.	11 1935	2437

*Application pending or claim not indicated

- Represents acreage actually irrigated by applicant

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

Source	Name of Applicant	Township	County	Type, which applied	Power		Date of Priority	Exp. App. No. 1917
					Total Gross H.P.	Percentage of Development of 1910 County		
Bear Creek	Mulford, J. H. T.	Beatrice	Mulford's Pump	Turbine	50.21	1.00 Stage	Jan. 24 1921	1887
Bear Creek	State Board of Control	Beatrice	Electric Mould Institute Pump	Turbine	50.86	1.00 Stage	Apr. 22 1921	2016
Beaver Creek	Wright, G. F.	York	Wright Mill	Water	100.00	1.00 " York	Nov. 1 1878	963
Blue River, Big	Black Brothers Flour Mills	Beatrice	Black Brothers Plant (Beatrice)	Water	300.00	1.00 Stage	Jan. 21 1892	1015
Blue River, Big	Town Nebraska Light and Power Co.	Lincoln	Mills of Mills	Water	750.00	2.00 2nd Stage	1896	1044
Blue River, Big	Stage County Electric Company	Beatrice	Black Brothers Plant No. 2 (Electric Station)	Water	450.00	1.75 Stage	1905	1047
Blue River, Big	Stage County Electric Company	Beatrice	Power Plant No. 1	Turbine	17	1.75 Stage	Nov. 7 1912	1691
Blue River, Big	Stage County Electric Company	Beatrice	Power Plant No. 2	Turbine	17	1.75 Stage	Dec. 15 1921	1694
Blue River, Big	Black Brothers Flour Mills	Beatrice	Power Plant No. 2	Hy. Dam	15	1.75 Stage	Dec. 15 1921	1582*
Blue River, Big	Kawinschek & Axtell	Wilcox	DeWitt Mill	Water	250.00	1.50 Stage	Jan. 1 1885	1046
Blue River, Big	Kawinschek & Axtell	Wilcox	DeWitt Mill	Hy. Dam	15	1.50 Stage	Jan. 1 1885	1046
Blue River, Big	Town Nebraska Light and Power Co.	Lincoln	Hammersley Plant	Water	500.00	2.75 Stage	Apr. 1887	1020
Blue River, Big	Town Nebraska Light and Power Co.	Lincoln	Hammersley Plant	Hy. Dam	20	1.75 Stage	May 8 1911	1695
Blue River, Big	Town Nebraska Light and Power Co.	Lincoln	Plant No. 1	Water	100.00	1.00 2nd Stage	July 8 1921	1664
Blue River, Big	Jacobs, E.	Staphedon	Jacobs Power Plant	Water	4,000.00	12.25 2nd Stage	Nov. 12 1911	1135
Blue River, Big	Beatrice Power Co.	Beatrice	Beatrice Power Plant	Water	500.00	1.75 Stage	Nov. 15 1921	1262
Blue River, Big	Beatrice Power Co.	Beatrice	Waterwheel Power Plant A 1912	Hy. Dam	15	1.75 Stage	May 25 1912	1263
Blue River, Big	Beatrice Power Co.	Beatrice	Beatrice Power Plant A 1922	Turbine	15	1.75 Stage	Dec. 15 1921	1754
Blue River, Big	Mans, Frank	Wilcox	Mans' Canal	Turbine	200.00	1.84 2nd Stage	Aug. 12 1913	1231*

Blue River, Big Blue Div., Big	C. B. & Q. H. R. Co.	Lanshin	C. B. & Q. Pipe Line	Iron	50	3	0.8E Seward	Apr	5, 1914	1366
Blue River, Big	C. B. & Q. H. R. Co.	Lanshin	Wyandot Pipe Line	Iron	50	21	1.0E Gage	Dec	24, 1914	1394
Blue River, Big	C. B. & Q. H. R. Co.	Lanshin	Beaumont Pipe Line	Iron	50	21	1.1E Seward	Nov	24, 1914	1395
Blue River, Big	Lewis-Nichols Light and Power Co.	Lanshin	Plant No. 4	Power	100	61	2.5 E Seward	Nov	14, 1916	1463
Blue River, Big	Lewis-Nichols Light and Power Co.	Lanshin	Plant No. 4	Power	12	9	4E Seward	Nov	25, 1914	1462
Blue River, Big	Lewis-Nichols Light and Power Co.	Lanshin	Shedak Power Plant	Power	20	0	3V Seward	Feb	4, 1918	1508
Blue River, Big	Lewis-Nichols Light and Power Co.	Lanshin	Shedak Power Plant	Dredge	20	7	1E Seward	Mar	9, 1925	1761
Blue River, Big	Lewis-Nichols Light and Power Co.	Lanshin	Water Power Plant	Power	20	0	1E Seward	Dec	17, 1925	1887
Blue River, Big	Gea County Electric Company	Beatrice	Power Plant No. 3	Power	40	0	7.0E Gage	Oct	1, 1922	1620
Blue River, Big	Black Brothers Power Plant	Beatrice	Power Plant No. 3	Dredge	2	1	0E Gage	Nov	16, 1923	1731*
Blue River, Big	Gea County Electric Company	Beatrice	Plant No. 5	Power	10	0	1.5E Gage	Oct	17, 1925	1964*
Blue River, Big	Johnson, Carter & F.	Beatrice	Lynch Pump	Iron	12	0	1.5E Gage	Mar	26, 1920	1130
Blue River, Big	Soft Springs Structures and Steel House	Beatrice	Soft Springs Pump	Iron	43	0	3.0E Gage	Aug	25, 1920	1164
Blue River, Big	Burdick, Geo. E. & S.	Beatrice	Hayes Pump	Iron	52	0	1.0E Gage	May	19, 1914	1204
Blue River, Big	Dukat, Edward J.	Beatrice	Clark Pump	Iron	45	24	3.0E Gage	May	19, 1914	1205
Blue River, Big	Morris, J. C.	Beatrice	Morris Pump	Iron	64	29	1.3E Seward	May	21, 1914	1240
Blue River, Big	Qua-Kambush & F.	Beatrice	Qua-Kambush Pump	Iron	67	0	3.6E Gage	July	25, 1924	1643
Blue River, Big	Olsen, Orlaf	Beatrice	Olsen Pump	Iron	64	22	1.3E Seward	Aug	7, 1914	1281
Blue River, Big	Therzma, P. J.	Beatrice	Therzma Pump	Iron	50	28	1.0E Seward	Sept	1, 1914	1301
Blue River, Big	Jorgensen, J.	Beatrice	Jorgensen Pump No. 1	Iron	15	20	1.2E Butler	Sept	11, 1914	1372
Blue River, Big	Jorgensen, J.	Beatrice	Jorgensen Pump No. 2	Iron	74	24	1.0E Butler	Sept	18, 1914	1470
Blue River, Big	Karpovik, Frank P.	Beatrice	Karpovik Pump	Iron	61	26	1.5E Butler	Nov	2, 1914	1495
Blue River, Big	Weston, Marshall	Beatrice	Weston Pump	Iron	139	11	4.3E Gage	Apr	18, 1923	1564
Blue River, Big	Stokelund, Edwin	Beatrice	Stokelund Pump	Iron	25	20	2.5E Gage	Oct	18, 1917	1563
Blue River, Big	Soft Springs Structures and Steel House	Beatrice	Soft Springs Pump	Iron	50	0	3.6E Gage	Oct	21, 1922	1583
Blue River, Big	Muller, A. W.	Beatrice	Muller Pump	Iron	17	2	0.5E Gage	July	29, 1920	1597

*Application pending.

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

Source	Name of Applicant	Post Office	Character	Type	Use to which applied	Amount			Date of Priority		App. No.
						Total Grant	Location of Dam	Priority	Year		
						\$	ft.	ft.			
Blue River, Big	Morris, Arthur A.	Stoughton	Morris Pump	Turb.	Irrig.	47,127.00	1.00	100	Aug. 28, 1936	2829	
						7,127.00					
						5,127.00					
						14,853.00					
Blue River, Big	Morris, Ed. J. et al	Water	Morris Pump	Turb.	Irrig.	2,127.00	1.00	100	Sept. 9, 1936	2836	
						12,127.00					
Blue River, Big	Sheppard, Percy S.	Water	Sheppard Pump	Turb.	Irrig.	92,712.00	1.00	100	Nov. 29, 1936	2867	
Blue River, Big	Heaslip, James	Water	Heaslip Pump	Turb.	Irrig.	30,427.00	1.00	100	Dec. 26, 1936	2877	
Blue River, Big	DeWitt, C. W.	DeWitt	Cleverside Pump	Turb.	Irrig.	49,207.00	1.00	100	Mar. 27, 1937	2925	
Blue River, Big	Robbins, Henry C.	DeWitt	Baldwin Pump	Turb.	Irrig.	10,427.00	1.00	100	Apr. 29, 1937	2937	
Blue River, Big	Butler, C. W.	Mutual	Berky Pump	Turb.	Irrig.	34,127.00	1.00	100	July 7, 1937	2979	
Blue River, Big	Long, Edw. B. et al	Seward	Tracy Pump No. 2	Turb.	Irrig.	31,227.00	1.00	100	July 27, 1937	2986	
Blue River, Big	Nelson, Lee M.	Hastings	Oak Park Pump	Turb.	Irrig.	32,227.00	1.00	100	Aug. 14, 1937	2976	
Blue River, Big	Novak, Henry G.	Crete	Novak Pump	Turb.	Irrig.	28,727.00	1.00	100	Sept. 28, 1937	2988	
Blue River, Big	Grandford, L. H. et al	Seward	Grandford Pump	Turb.	Irrig.	31,227.00	1.00	100	Dec. 20, 1937	2996	
Blue River, Big	Dunkley, J. H. C.	Dunkley City	Dunkley Pump	Turb.	Irrig.	5,227.00	1.00	100	Jan. 6, 1938	2922	
Blue River, Big	Anderson, Geo. F.	Stoughton	Anderson Pump	Turb.	Irrig.	99,127.00	1.00	100	Apr. 18, 1938	2887	
Blue River, Big	Anderson, W. E.	Crete	Andersons Pump	Turb.	Irrig.	20,127.00	1.00	100	Apr. 8, 1938	2991	
Blue River, Big	Lower Nelsons Light and Power Co.	Crete	Plant No. 2	Hydro.	Power	100,000.00	5.00	100	Oct. 1, 1937	3158	
Blue River, Big	Lower Nelsons Light and Power Co.	Crete	Plant No. 2	Hydro.	Power	80,000.00	5.00	100	Aug. 27, 1937	3159	
Blue River, Big	Lower Nelsons Light and Power Co.	Crete	Plant No. 3	Hydro.	Power	100,000.00	5.00	100	Mar. 12, 1938	3265	
Blue River, Big	Lower Nelsons Light and Power Co.	Crete	Plant No. 3	Hydro.	Power	80,000.00	5.00	100	Nov. 21, 1937	3151	
Blue River, Big	Lower Nelsons Light and Power Co.	Crete	Plant No. 3	Hydro.	Power	80,000.00	5.00	100	Nov. 25, 1937	3152	
Blue River, Big	Lower Nelsons Light and Power Co.	Crete	Plant No. 3	Hydro.	Power	80,000.00	5.00	100	Jan. 30, 1938	3238	

Blue River, Big West Fork	Low, Nebraska Light and Power Co.	Harison	Plant No. 2	Electric Power	10-30-11	W. H. Kiefer	Nov. 21 1921	1759
Blue River, Big West Fork	Low, Nebraska Light and Power Co.	Harison	Plant No. 3	Electric Power	10-30-11	W. H. Kiefer	Feb. 11 1922	1476
Blue River, Big West Fork and Sand Creek	Nelson, Louis E.	Irland	Blue Rock Dam	Electric Power	66-7-1	W. H. Kiefer	Aug. 4 1915	1494
Blue River, Big West Fork	Low, Nebraska Light and Power Co.	Lundin	How Span Plant	Electric Power	10-07-16	W. H. Kiefer	Dec. 17 1920	1505
Blue River, Big West Fork	Low, Nebraska Light and Power Co.	Lundin	Big Bend Plant	Electric Power	10-08-11	W. H. Kiefer	Dec. 17 1920	1506
Blue River, Big West Fork	Nelson, Louis E.	Irland	Nelson Dam	Electric Power	15-77-2	W. H. Kiefer	Feb. 11 1927	1520
Blue River, Big West Fork	Warren, Herbert F.	Yamont	Warren Pump	Trag	16-23-4	W. H. Kiefer	Nov. 26 1925	1571
Blue River, Big West Fork	Shaw, Frank	Method	Sh. W. Pump	Trag	47-18-3	W. H. Kiefer	Oct. 15 1928	1583
Blue River, Big West Fork	Swenson, W. A.	Histand	Swenson Pump	Trag	1-59-1	W. H. Kiefer	Nov. 4 1929	1576
Blue River, Big West Fork	Hunter, J. W.	Stanley	Knoxhead Canal	Trag	38-36-0	W. H. Kiefer	Sept. 12 1929	1561
Blue River, Big West Fork	Shaw, Frank	Method	Snow Pump	Trag	52-18-0	W. H. Kiefer	Mar. 19 1931	1565
Blue River, Big West Fork	Schmidt, Geo.	Parment	Schmidt Pump	Trag	12-7-8	W. H. Kiefer	July 11 1933	1424
Blue River, Big West Fork	Castel, Louis E.	Crete	Castel Pump	Trag	1-42-2	W. H. Kiefer	July 18 1934	1425
Blue River, Big West Fork	Nave, C. B.	Crete	Nave Pump	Trag	20-5-8	W. H. Kiefer	July 18 1931	1430
Blue River, Big West Fork	Johnson, Arthur P.	Leicester	Johnson Pump	Trag	35-12-0	W. H. Kiefer	July 21 1931	1483
Blue River, Big West Fork	Mohman, Elmo	Hustler	Mohman Pump	Trag	56-20-5	W. H. Kiefer	Aug. 9 1931	1484
Blue River, Big West Fork	Belton, Chas. W.	Belton	Belton Pump	Trag	41-3-0	W. H. Kiefer	Apr. 9 1932	1541
Blue River, Big West Fork	Stoffgen, Mrs. M. J.	Clifton	Buller Pump	Trag	68-3-8	W. H. Kiefer	June 19 1936	1581

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

Source	Name of Appropriator	Post Office	Character	Use to which applied	Priority Claim			Date of Priority		Law No.	App No.
					Sec.	T.	R.	Mo.	Yr.		
Blue River, 162 West Fork	Morford, J. C.	Reiser Crossing	Morford Pump	Irrig.	29	14	Seward	July	23 1936	2583	
Blue River, 162 West Fork	Gilmore, S.	York	Gilmore Pump	Irrig.	43	7	York	July	25 1936	2584	
Blue River, 162 West Fork	Kault, H. L.	York	Kault Pump	Irrig.	1	26	York	Aug.	15 1936	2614	
Blue River, 162 West Fork	Seuler, Ernst C.	Dunbar	Seuler Pump	Irrig.	35	31	Seward	Aug.	27 1936	2616	
Blue River, 162 West Fork	Frank, George G.	Henderson	Frank Pump	Irrig.	12	15	York	Oct.	24 1936	2649	
Blue River, 162 West Fork	Swamy, Dorothy L.	Hexter, Iowa	Swamy Pump	Irrig.	11	15	York	Nov.	2 1936	2650	
Blue River, 162 West Fork	City Trust Company	York	City Trust Company Pump	Irrig.	22	19	York	Nov.	6 1937	2655	
Blue River, 162 West Fork	M. L., Clifford E.	Onawa	M. L. Pump	Irrig.	55	27	York	Apr.	27 1937	2712	
Blue River, 162 West Fork	Miller, Sam	Dunbar	Miller Pump	Irrig.	32	8	Saline	July	6 1937	2758	
Blue River, 162 West Fork	Gard, Adam J.	Reiser Crossing	Gard Pump	Irrig.	86	1	York	Aug.	29 1937	2773	
Blue River, 162 West Fork	United Insurance Co.	London	United Insurance Co. Pump	Irrig.	37	21	Seward	Sept.	30 1937	2788	
Blue River, 162 West Fork	Spencer, and Martin	London	Spencer's Motor Pump	Irrig.	32	16	Seward	Sept.	11 1937	2784	
Indian Creek, See Spring Branch	Frank, Adam M.	Wynona	Frank Pump	Irrig.	1	2	Clare	Feb.	20 1935	2615	
Little Creek	Butterbush, Fred	Seward	Butterbush Pumps No. 1 and No. 2	Irrig.	57	52	Seward	Nov.	22 1940	2456	
Little Creek	Laughlin, Bruce	Spaulding	Butterbush Pump	Irrig.	35	30	Seward	July	22 1937	2744	

Lincoln Creek	Wheeler, J. W.	Seward	Long Pump No. 7	Trip	31 20 21 38 Seward	July 27 1937	2765
	Nelson, Lee M.	Butte	Nelson Pumps	Trip	34 13 13 24 Seward	Aug 16 1937	2773
					32 24 11 28		
Lincoln Creek	Osby, J. R.	Seward	Curry Pump	Trip	34 19 11 32 Seward	Apr 12 1938	2861
Lincoln Creek	Rosen, Herman W. and Henry H.	Seward	Kelso Pump	Trip	19 11 32 Seward	Sept 11 1938	2893*
Spring Branch (See Indian Cr.)	Flak, Albert M.	Wynote	Pink Pump	Trip	07 23 2 43 Hager	Feb 23 1938	2918
Swan Creek	Smith, Arthur H.	De Witt	Boyer Pump	Trip	08 29 5 42 Saker	Apr 6 1937	2929
Turkey Creek	Hirshbe, Chas	Plowman Hill		Power	4 7 32 Saker		390*
Turkey Creek	Osby, J. R.	Plowman Hill	Lane Model Canal	Trip	09 4 7 32 Saker	July 16 1936	81
Turkey Creek	Osby, J. R.	Plowman Hill	Lane Model Canal	Trip		July 18 1936	84
Turkey Creek	Pecka, Frank Jr.	Plowman	Pecka Pump	Trip	1 28 4 7 32 Saker	May 3 1934	2170
Turkey Creek	Dixey, Ruth Lgh	Plowman	Dixey Pump	Trip	1 33 24 5 31 Saker	May 27 1934	2286
Turkey Creek	Judge, Edward A.	Plowman	Judge Pump	Trip	2 11 24 5 28 Saker	June 30 1934	2414
Turkey Creek	Walker, John	Plowman	Walker Pump	Trip	15 4 7 28 Saker	July 13 1934	2424
Turkey Creek	Engel, H. H.	Plowman	Engel Pump	Trip	71 8 7 08 Saker	July 19 1934	2432
Turkey Creek	Hatch, Mr. Fred	De Witt	Hatchable Pump	Trip	13 21 5 18 Saker	May 2 1935	2546
Turkey Creek	Stokohm, E. W.	De Witt	Stokohm Pump	Trip	43 25 5 52 Saker	Nov 18 1935	2567
Turkey Creek	Elke, Henry	De Witt	Elke Pump	Trip	46 24 5 48 Saker	Nov 16 1936	2647
Turkey Creek	Hansen, Lew	Miligan	Hansen Pump	Trip	04 25 7 1 P. Hansen	Nov 8 1936	2651
Turkey Creek	Yates, J. C.	Yates	Yates Pump	Trip	06 17 7 32 Saker	Mar 24 1936	2663

*Application pending or claim not adjudicated.

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

Source	Name of Appropriator	Post Office	Carrier	Date to which applied	Acres to which Claimed	Location of Diversion or Use	Date of Priority		Date App. No.
							Mo.	Yr.	
Flood Water	Estlin, C. M.	Rumult	Estlin Canal	1890	21 1/2	2 1/2, Rumult	Apr	21 1897	599
Ground Water	S. A. Foster Lumber Company	Lincoln	Foster Well	1894	26 3/4	12 1/2, Cheyenne	Apr	29 1901	279
Ground Water	Bohman, Robert V.	Bohman, Idaho	Bohman Well No. 1	1894	25 1/2	2 1/2, Rumult	Aug	7 1917	2779
Ground Water	Bohman, Joe S.	Rudgersport	Bohman Well	1894	25 1/2	2 1/2, Cheyenne	May	1 1928	2829
Lodge Pole Cr.	Chickering, Herman	Alameda Bl	Chick Canal	1898	30 19 1/2	25 Rumult	Dec	21 1926	307
Lodge Pole Cr.	Fordane, Mrs. Alfred	Rumult	Fordane Canal	1898	12 25 1/2	25, Rumult	Dec	31 1877	3474
Lodge Pole Cr.	Chanderson, A., Estate	Dutton	Chanderson Canal	1898	142	104 1/2, Cheyenne	Jan	1 1879	304
Lodge Pole Cr.	Fuller, Mrs. Jesse L.	Sudney	Keuge Canal No. 1	1898	177	20 1/2, Cheyenne	Apr	12 1898	329
Lodge Pole Cr.	Fuller, Mrs. Jesse L.	Sudney	Keuge Canal No. 2	1898	24 2 1/2	20 1/2, Cheyenne	Apr	12 1898	328
Lodge Pole Cr.	Page, Edith Connelly	Sudney	Anderson Canal No. 1	1898	256	8 1/2, Cheyenne	June	30 1892	273
Lodge Pole Cr.	Redman, Walter M.	Rumult	Big Arrow Canal	1898	277	20 1/2, Rumult	July	1 1892	346
Lodge Pole Cr.	Fuller, Clark H. and May 1	Sudney	Urban Canal	1898	86 1/2	25 1/2, Cheyenne	Sept	1 1892	378
Lodge Pole Cr.	Thomas, Elmer O.	Lincoln	Elmer Canal No. 3	1898	77 26 1/2	25 Cheyenne	Apr	20 1888	325
Lodge Pole Cr.	Thomas, Elmer O.	Lincoln	Elmer Canal No. 4	1898	77 26 1/2	25 Cheyenne	Apr	20 1888	324
Lodge Pole Cr.	Thomas, Elmer O.	Lincoln	Elmer Canal No. 5	1898	77 26 1/2	25 Cheyenne	Apr	20 1888	323
Lodge Pole Cr.	Thomas, Elmer O.	Lincoln	Leaver Whitney Canal	1898	29 20 1/2	14 1/2 Cheyenne	May	1 1888	327
Lodge Pole Cr.	Boach, Mrs. Esther	Boach	Boach Canal	1898	4 25	25 1/2 Cheyenne	May	20 1882	289
Lodge Pole Cr.	McAuliffe, John R.	Clampett	McAuliffe Canal	1898	2 29	21 1/2, Cheyenne	Dec	31 1884	304
Lodge Pole Cr.	Bohman, Walter M.	Rumult	Keuge Canal No. 2	1898	277	20 1/2, Rumult	Dec	31 1884	303
Lodge Pole Cr.	Lobby, Mary A.	Arvin, Montana	Lobby Canal	1898	2 27	26 1/2, Cheyenne	Dec	31 1884	302
Lodge Pole Cr.	Chickerson, Chris C.	Lodgepole	Chickerson Canal	1898	1 14	25 1/2, Cheyenne	Jan	1 1883	285
Lodge Pole Cr.	Burner, Edward A.	Lodgepole	Burner Canal	1898	40 21	25 1/2, Cheyenne	Apr	20 1885	316
Lodge Pole Cr.	Keuge, R. and P. W.	Keuge	Keuge Canal No. 3	1898	1 14	22 1/2, Cheyenne	May	1 1885	313
Lodge Pole Cr.	Wolf, Mrs. H. D.	Chappell	Wolf Canal	1898	1 06	18 1/2, Cheyenne	Dec	31 1885	323
Lodge Pole Cr.	Bohman, Walter M. and Will, David	Rumult	McIntosh Canal	1898	3 01	24 1/2, Rumult	Apr	16 1886	321

Lodge Pole Cr.	McGee, Peter	Sidney	Kreager Canal No. 2	Irreg.	2 29 25 14 43	Cheyenne	Oct	10 1886	224
Lodge Pole Cr.	McGee, Peter	Sidney	Herquist Canal	Irreg.	71 34 14 49	Cheyenne	Apr	27 1887	391
Lodge Pole Cr.	Thomas, Elmer O.	Omaha	Herquist Canal	Irreg.	1 29 24 14 49	Cheyenne	Apr	3 1887	301
Lodge Pole Cr.	McClellan, Wilson	Sum. I	Upper Whittier Canal	Irreg.	2 28 28 14 19	Cheyenne	May	1 1887	218
Lodge Pole Cr.	Thomas, Elmer O.	Omaha	McLaughlin Canal	Irreg.	1 00 24 14 48	Cheyenne	May	1 1887	560
Lodge Pole Cr.	Keefe, D. S.	Sidney	Hale Canal No. 1	Irreg.	1 11 26 14 49	Cheyenne	July	1 1887	318
Lodge Pole Cr.	Stam, H. Henry	Lehighville	Mitchell Canal	Irreg.	86 30 14 41	Cheyenne	Sept.	1 1887	294
Lodge Pole Cr.	Beets, John	Sidney	Table Canal	Irreg.	2 26 24 14 47	Cheyenne	July	21 1888	331
Lodge Pole Cr.	Werner, Wm. H.	Can. Cr.	Hardwell Canal	Irreg.	1 43 26 14 49	Cheyenne	Aug	1 1888	303
Lodge Pole Cr.	Beets, John	Sidney	Estimate Canal	Irreg.	2 43 3 14 48	Kimball	Apr	12 1888	340
Lodge Pole Cr.	Aikins, A. E., et al.	Kimball	Hardwell Canal	Irreg.	86 23 14 49	Cheyenne	Apr	27 1888	302
Lodge Pole Cr.	Werner, Wm. H.	Can. Cr.	Arkona-Poly Canal	Irreg.	79 30 15 35	Kimball	May	6 1889	313
Lodge Pole Cr.	Aikins, D. E.	Kimball	Independent Canal	Irreg.	3 14 7 14 56	Kimball	May	7 1889	347
Lodge Pole Cr.	Rothman, Walter M.	Kimball	Arkona-Poly Canal	Irreg.	42 24 15 35	Kimball	May	6 1889	344
Lodge Pole Cr.	Haberstroch, W. A.	Omaha	Kimberly Canal	Irreg.	2 50 31 12 56	Kimball	May	11 1889	315
Lodge Pole Cr.	Linn, Kenneth	Kimball	Young Canal	Irreg.	50 21 15 57	Kimball	May	28 1889	319
Lodge Pole Cr.	Linn, Kenneth	Kimball	Butterfield Canal	Irreg.	31 11 15 56	Kimball	June	1 1889	320
Lodge Pole Cr.	Linn, Kenneth	Kimball	Butterfield Canal	Irreg.	33 16 15 57	Kimball	June	4 1889	320 1/2
Lodge Pole Cr.	Overholser, R. S.	Sidney	Overholser Canal	Irreg.	48 31 11 46	Cheyenne	June	1 1889	332
Lodge Pole Cr.	Carter, Thos. B., et al.	Chappell	Black Canal	Irreg.	1 43 3 14 50	Kimball	June	27 1889	296
Lodge Pole Cr.	Stacy, Mrs. Geo. H.	Thompson	Overholser Canal	Irreg.	4 57 33 14 46	Kimball	June	25 1889	297
Lodge Pole Cr.	Kreager, H. and F. W.	Sidney	Kreager Canal No. 1	Irreg.	3 00 29 14 45	Cheyenne	June	26 1889	325
Lodge Pole Cr.	Thomas, Elmer O.	Omaha	Hale Canal No. 2	Irreg.	45 36 14 49	Cheyenne	June	26 1889	318
Lodge Pole Cr.	Western Trust Company	Omaha	Brady Canal	Irreg.	71 28 16 54	Kimball	Aug	16 1889	332
Lodge Pole Cr.	Hess, Wm. A. and Cook C.	Pine Bluff	Hoover Canal	Irreg.	1 49 12 14 59	Kimball	Sept	1 1889	253
Lodge Pole Cr.	Equitable Life Insur- ance Company	Los Moines	Jacks Canal	Irreg.	2 50 25 14 59	Cheyenne	Mar	25 1890	329
Lodge Pole Cr.	Linn, Chas. W.	Butter	Adams Canal	Irreg.	1 43 3 14 50	Cheyenne	July	1 1890	321
Lodge Pole Cr.	Aikins, Gerrard, and Slybia	Kimball	Henry-Jelly Poly Canal	Irreg.	2 57 26 15 56	Kimball	July	1 1890	354
Lodge Pole Cr.	Ph. Andersen, Nels	Butter	Christensen Canal	Irreg.	55 7 11 51	Cheyenne	Apr	15 1890	266
Lodge Pole Cr.	Ph. Andersen, Nels	Butter	Christensen Canal	Irreg.	45 7 10 51	Cheyenne	Apr	15 1890	267
Lodge Pole Cr.	Can. Kestryn, Norman	Sidney	Tregulla Canal	Irreg.	1 09 36 14 56	Cheyenne	June	1 1890	355
Lodge Pole Cr.	Overholser, R. S.	Sidney	Overholser Canal	Irreg.	2 09 31 14 46	Cheyenne	June	21 1890	346
Lodge Pole Cr.	Christensen, Henry F.	Lehighville	Kimball Canal	Irreg.	57 14 46	Cheyenne			354*

*Application pending or claim not adjudicated.

"R" denotes reclamation.

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

Source	Name of Applicant	Post Office	Canal	Use to which applied	Priority			Date of Priority	Doc. No.	A.C. No.	
					Sec.	T.	R.				
Lodge Pole Cr.	Kraeger, W. S.	Adams	Kemper Canal	Irrig.	11	29	14 38	Chesapeake	May	11 1894	988
Lodge Pole Cr.	Lynchholm, B. and G.	Adams	Lynchholm Canal	Irrig.	16	14	14 51	Chesapeake	Nov.	1 1891	377
Lodge Pole Cr.	Dickerson, Geo. W.	Lodgepole	Dickerson Canal	Irrig.	7	23	14 47	Chesapeake	May	16 1896	967
Lodge Pole Cr.	Sentry, Mrs. Geo. H.	Thamesville	Bulluck Canal	Irrig.	57	4	11 46	Desert	Feb.	16 1898	437
Lodge Pole Cr.	Evans, Mrs. A.	Kimbull	Maltose Creek Canal	Irrig.	21	36	15 57	Kimbull	May	26 1895	494
Lodge Pole Cr.	Wearin, Wm. D.	Carleton	Shadwell Canal	Irrig.	2	36	15 58	Kimbull	Apr.	13 1899	596
Lodge Pole Cr.	Wiegand, Lyle H.	Chappell	Wiegand Canal	Irrig.	2	46	17 11	Desert	May	31 1899	563
Lodge Pole Cr.	Owens, G. H.	Chappell	Newman Canal No. 1	Irrig.	1	58	17 07	Desert	June	22 1899	565
Lodge Pole Cr.	McHatten, Joe W.	Chappell	Wright Canal	Irrig.	3	84	12 31	Desert	Feb.	14 1901	600
Lodge Pole Cr.	Newsham, Guy C.	Chappell	Newman Canal	Irrig.	1	29	17 05	Desert	Apr.	17 1901	611
Lodge Pole Cr.	Johnson, L. C.	Chappell	Johnson Canal	Irrig.	2	03	17 48	Desert	Apr.	17 1901	612
Lodge Pole Cr. (See A 3974)	Hodman, Walter M.	Kimbull	Bennett Reservoir Canal	Irrig.	2	04	17 55	Kimbull	Mar.	18 1902	637
Lodge Pole Cr.	Naslund, Henry	Chappell	Naslund Canal	Irrig.	20	1	12 45	Desert	Apr.	16 1902	641
Lodge Pole Cr.	Hodman, Walter M.	Kimbull	Bennett Reservoir Canal	Irrig.	1	22	22 55	Kimbull	Nov.	7 1902	681
(Bennett Res.)	Hodman, Walter M.	Kimbull	Bennett Reservoir Canal	Supply	A	61	22 55 55	Kimbull	Nov.	2 1902	691
Lodge Pole Cr.	Langing, Alfred	Kimbull	Langing Canal	Irrig.	1	56	11 15 57	Kimbull	Apr.	24 1903	703
Lodge Pole Cr.	Hodman, Roland V.	Denver, Colo.	Kemp-Palmer Canal	Irrig.	1	06	13 15 26	Kimbull	July	25 1903	714
Lodge Pole Cr.	Hodman, Roland V.	Denver, Colo.	Rivers-Kimsey Canal	Irrig.	75	11	15 56	Kimbull	July	25 1903	715B
Lodge Pole Cr.	Langing, Hannah	Windsor	Wood Canal	Irrig.	92	14	15 55	Kimbull	Aug.	3 1903	719
Lodge Pole Cr.	Fuller, Clark H. and Mary	Stoney	Fuller Canal No. 1	Irrig.	57	13	14 51	Chesapeake	Aug.	26 1903	723
Lodge Pole Cr.	Adkins, D. K.	Kimbull	Fuller Canal	Irrig.	11	10	15 55	Kimbull	Sept.	9 1903	724
Lodge Pole Cr.	Hodman, Walter M.	Kimbull	Swain Canal	Irrig.	9	51	29 15 55	Kimbull	Sept.	12 1903	725
Lodge Pole Cr.	Lang, Kenneth	Kimbull	Hodman (New) Canal	Irrig.	23	36	15 57	Kimbull	Sept.	26 1903	727

Lodge Pole Cr	Redman, Walter M and Mrs. Elvett	Kimbali Dam	McIntosh Canal Box	Irrig	1 75 21 18 55	Kimbali	Dec	15 1903	294
Lodge Pole Cr	Redmond, Peter Estate	Chappel	South Canal	Irrig.	3 86 22 12 45	Denet	Aug	15 1906	310
Lodge Pole Cr	Redonquist, Peter Estate	Chappel	Rodden System	Irrig	2 58 12 12 45	Denet	Jan	4 1907	347
Lodge Pole Cr	Redman, Roland V.	Denet Falls	Rutter (Yoder) Canal	Irrig	2 71 26 15 57	Kimbali	Apr	5 1907	357
Lodge Pole Cr	Walker, E. S.	Kimbali	Rutter (Snow) Canal	Irrig	69 26 15 57	Kimbali	Sept	16 1907	369
Lodge Pole Cr	Ross, Wm. and Chas	Fine Staff, Wash	Fracy Canal	Irrig	3 17 11 59	Kimbali	Sept	21 1907	370
Lodge Pole Cr	Redonquist, Peter Estate	Chappel	Galton Canal	Irrig	12 46 36 17 45	Denet	Dec	4 1907	382
Lodge Pole Cr	Kimbali Irrig. Dist	Kimbali	Hayes Reservoir	Irrig.	2 00 00 28 18 57	Kimbali	Apr	15 1908	387
Hayes Res	Kimbali Irrig. Dist	Kimbali	Kimbali Canal	Supply	4 47 36 15 57	Kimbali	Apr	17 1908	397
Lodge Pole Cr	Kimbali Irrig. Dist	Kimbali	Kimbali Canal	Irrig.	36 25 27 20 57	Kimbali	Apr	15 1909	399
Lodge Pole Cr	Akins, D. K. and Minnie	Kimbali	Mears Holly Canal	Irrig	11 30 25 35	Kimbali	Apr	15 1909	1979
Lodge Pole Cr	White, Turner	Chappel	White Canal	Irrig	27 12 12 45	Denet	June	2 1908	364
Lodge Pole Cr	Rutner, Joseph H.	Rand	Rutner Canal	Irrig.	57 21 24 47	Chryssone	June	27 1909	366
Lodge Pole Cr	Redman, Walter M.	Kimbali	Berrett Canal No 2	Irrig	1 08 29 15 54	Kimbali	Feb	17 1909	314
Lodge Pole Cr	McGinnis, P.	Kimbali	McGinnis Ice Pond	Irrig	22 48 25 15 56	Kimbali	Sept	15 1911	1127
Lodge Pole Cr	Brown, Cyrus D. et al	Chappel	Redonquist Canal	Irrig.	1 44 30 23 45	Denet	Oct	27 1912	1237
Lodge Pole Cr	Herring, Howard C.	Chappel	Wingard Canal No 2	Irrig	1 21 16 13 45	Denet	Sept	15 1913	1322
Lodge Pole Cr	Herring, Howard C.	Chappel	Wingard Canal No 2	Irrig	43 16 13 45	Denet	Sept	15 1913	1323
Lodge Pole Cr	Brown, Cyrus D. et al	Chappel	Redonquist Canal	Irrig.	2 03 26 12 45	Denet	June	29 1913	1420
Lodge Pole Cr	Newman, A. C.	Chappel	Newman Canal	Irrig.	1 02 24 12 45	Denet	Jan	2 1916	1445
Lodge Pole Cr	Bentley, Bertha M.	Chryssone	Bentley Reservoir	Dam	5 08 24 14 57	Chryssone	Feb	14 1917	1428
Lodge Pole Cr	Redman, Mrs. Minnie	Chappel	Redman Canal	Irrig.	79 27 13 15	Denet	Apr	5 1917	1453
Lodge Pole Cr	McAuliffe, Rudolph	Denet	McAuliffe Canal	Irrig.	1 27 21 13 45	Denet	Oct	2 1919	1559
Lodge Pole Cr	Rutner, Joseph H.	Denet	Howard-Rutner Canal	Irrig	20 31 14 13	Chryssone	Mar	1 1922	1645
Lodge Pole Cr	Smith, Fred W.	Chryssone	Smith Canal	Irrig	46 32 14 15	Chryssone	Apr	25 1922	1659
Lodge Pole Cr	McIntosh, J. L. and Mary, et al	Chryssone	Marble Pump	Irrig	1 23 15 14 50	Chryssone	Nov	22 1922	1690
Lodge Pole Cr	Greenland, C. F.	Albion	Greenland Canal	Irrig	1 57 21 15 55	Kimbali	Mar	31 1926	1891
Lodge Pole Cr	McIntosh, Grace	Silvey	Rubin Canal	Irrig	1 50 36 14 45	Chryssone	May	24 1926	1931

† Represents reservoir capacity alleged by applicant.
 †† † Data for reference.

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

Source	Name of Appropriator	Post Office	Character	Use to which applied	Location of			Date of		App. No.	
					Total Grant in	Division of	County	Priority	Year		
					Ac.	S.	T.	Mo.	Day		
Lodge Pole Cr.	Stahli, Philip	Kimbol	Kimbol Canal	Irrig.	57	12	36	Kimbol	May	11 1928	1828
Lodge Pole Cr.	Weiran, Wm. H.	Carleton	Weiran Canal	Irrig.	17	8	14	Kimbol	Sept	2 1926	1868
Lodge Pole Cr. (See A 1821)	Redman, Walter M.	Kimbol	Redman Irrigation Enlargement	Irrig.	129	48	77	Kimbol	Jan.	13 1928	1974
(Revised 1927)	Redman, Walter M.	Kimbol	Redman Reservoir Canal	Irrig.	22	13	55	Kimbol	Jan.	13 1928	1975
Lodge Pole Cr.	Torgerson, Geo. H.	Chappell	Torgerson Canal	Irrig.	66	20	43	Chappell	Apr.	17 1928	2011
Lodge Pole Cr.	McLerron, Mrs. Elnora	Sidney	M. Leaton Canal	Irrig.	24	31	11	Cheyenne	Sept.	2 1928	2027
Lodge Pole Cr.	Paunhofer, Wm. F.	Sidney	Paunhofer Canal	Irrig.	100	34	11	Cheyenne	Nov.	16 1928	2173
Lodge Pole Cr.	Thorenson, Nels	Older	Thorenson Dump	Irrig.	25	7	11	Cheyenne	Mar.	16 1928	2569
Lodge Pole Cr.	Anderson, Harry	Sidney	Anderson Dump	Irrig.	20	7	14	Cheyenne	Feb.	11 1928	2828
Spring	Oberfelder, B. S.	Sidney	Oberfelder Canal	Irrig.	17	31	34	Cheyenne	May	29 1928	3071
Spring	Chamberlain, Chas. P. Estate	Sidney	Private Canal	Irrig.	4	14	14	Cheyenne	Mar.	19 1928	325
Spring	Lobby, H. H.	Lodgepole	Spring Branch Canal	Irrig.	19	16	11	Cheyenne	July	1 1928	328

† Represents acreage capacity allowed by applicant.

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

Stream	Name of Appropriator	Tribal Office	Character	Cases which applied	Project	Location of		Date of		App No.	
					Start	Duration or Dam	Priority	Year			
					Sec. 4.	Twp. & R.	County	Mo.	Day		
Nemaha River	City of Fairbury	Fairbury	City Supply	Dom.	18420	1 18E	Fairbury	Aug	15 1928	265	
Nemaha River, North Fork	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Water Supply	Dom.	19033	2 12E	Dawson	Aug	8 1922	167	
Nemaha River, North Fork	Estes, E. H.	De Smet	Estes Pumps	Irrig.	14839	2 21E	De Smet	Aug	13 1928	259	
Nemaha River, North Fork Drainage Channel	Geracke, Roy C.	De Smet	Geracke Pumps	Irrig.	43032	2 10E	De Smet	May	1 1924	157	
Nemaha River, North Fork Drainage Channel	Geracke, Raymond A.	De Smet	Geracke Pump	Irrig.	5514	2 15E	De Smet	July	16 1921	212	
Nemaha River, North Fork Drainage Channel	Geracke, Joe	St. Mary	Geracke Pump	Irrig.	11211	2 10E	De Smet	Sept	16 1924	245	
Nemaha River, North Fork	City of Humboldt	Humboldt	Humboldt Lake Supply	Resort	2254E	1 2 18E	De Smet	June	29 1927	223	
Nemaha River, North Fork	City of De Smet	De Smet	City Supply	Dom.	25032	2 14E	De Smet	Sept	1 1926	204	
Nemaha River, North Fork	Elk Creek Recreation Club	Elk Creek	Elk Lake Recreation	Club	25	4 10E	De Smet	Apr	26 1925	264	
Nemaha R., lat	Clarke, J. E.	De Smet	Clarke Press & Co. PUMP Works	Irrig.	12327	6 13E	De Smet	Nov	2 1927	246	
Nemaha R., lat	Missouri Pacific Railroad Corporation	St. Louis, Mo.	Mo. Pac. R. R. Water supply	Dom.	85015	2 10E	De Smet	May	11 1925	262	

*Represents maximum capacity allowed by applicant.

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

Source	Name of Appropriator	Post Office	Office	Case to which applied	Priority	Location of Divergence of Date.	Date of Priority	Dis. No.	App. No.
					Sec. 1-8, P. B. County				
Hick Creek	Stevenson, Julian B.	Nebraska City	Stevenson's Pump	Irreg.	70.00	7.10E Cass	Dec. 5 1928		2604
Wheat Creek	Kennel, E. D.	Nebraska City	Kennel's Pump	Irreg.	46.35	9.15E Cass	Aug. 27 1928		2623
Weeping Water Creek	Gilmore, Chas.	Weeping Water	Gilmore's P. 1	Reg.	9.00	7.1.10E Cass	Aug. 1 1940		815
Weeping Water Creek	University of Nebraska	Lincoln	University's Pump	Irreg.	17.35	1.10E Cass	Nov. 27 1935		2603
Weeping Water Creek	Dept. of Roads and Irrigation	Lincoln	Nebraska State Pump	Irreg.	71.25	10.10E Cass	Jan. 18 1947		2651

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO 2-A

Source	Name of Appropriator	Post Office	Canal	Use to which applied	Reservoir				Date of Priority	Dec. No.	App. No.
					Acres	Feet	Capacity	Location of Diversion or Dam			
Ash Creek	Swanson, John E.	Edgelyote	Thermy Pump	Irrig.	2.85	7.14	2.0	Center	May 17 1922		2273
Beaver Creek	Quackenbush, J. W.	Abbeon	Pioneer Canal	Irrig.	3.57	22.29	5.0	Boone	Dec. 5 1934	287	
Beaver Creek	Long, Wm. M.	Genoa	Wardwell Project	Irrig.	14.24	12.4	4	Nance	Mar. 31 1926		275
Beaver Creek	Central Electric and Telephone Co.	Sioux City, Iowa	Abbeon Power Plant	Power	67.09	26.27	6	Boone	Oct. 10 1921		679
Beaver Creek	Waco-Nehrska Light and Power Co.	Linsdale	St. Edward Plant	Power	139.6	27.19	5	Boone	Feb. 11 1911		1066
Beaver Creek	Central Electric and Telephone Co.	Sioux City, Iowa	Abbeon Power Plant	Power	70.0	26.29	6	Boone	Feb. 20 1917		1480
Beaver Creek	Long River Electric Power District	Columbus	Beaver Cr. Reservoir	Power	119.99	24.12	4	Nance	Feb. 13 1925		2160
Beaver Creek	Umbarger, Arthur	Genoa	Umbarger Pump	Irrig.	.99	20.11	4	Nance	July 25 1923		2029
Beaver Creek	Peterson, Homer S.	St. Edward	Peterson Pump	Irrig.	.84	15.15	4	Platte	Sept. 10 1924		2471
Beaver Creek	Peterson, Henry M.	St. Edward	Peterson Pump	Irrig.	.68	21.9	5	Boone	Aug. 7 1925		2558
Beaver Creek	Self, Irene	Omaha	Self Pump	Irrig.	.38	20.19	5	Boone	June 19 1936		2552
Beaver Creek	Kellner, Stuart H.	Genoa	Kellner Pump	Irrig.	.19	14.17	4	Nance	Oct. 20 1920		2647
Beaver Creek	Kellner, Maurice H.	Wagon, Ark.	Kellner Pump	Irrig.	.57	20.21	7	Boone	Dec. 1 1926		2665
Beaver Creek	Delam, Ara V.	Abbeon	Delam Pump	Irrig.	.27	2.71	7	Boone	Mar. 25 1931		2723
Beaver Creek	State Board of Control	Linsdale	Green State Reservoir	Irrig.	1.28	29.15	4	Nance	Apr. 23 1931		2733
Beaver Creek	Myers, A. A.	Abbeon	Myers Pump	Irrig.	.71	1.20	7	Boone	Sept. 1 1922		2759
Beaver Creek	Quaslett, Olaf	Petersburg	Quaslett Pump	Irrig.	29.26	22	7	Boone	Nov. 10 1927		2803
Beaver Creek	Watson, W. B.	Abbeon	Watson Pump	Irrig.	14.16	19	5	Boone	Dec. 2 1927		2811
Beaver Creek	Kent and Burke Co.	Genoa	Genoa Ranch Canal	Irrig.	19.74	17	4	Nance	Dec. 6 1931		2812
Beaver Creek	Olson, John A.	Genoa	Olson Pump	Irrig.	47.15	17	4	Nance	Feb. 8 1932		2825
Beaver Creek	Manfield, P. E.	Abbeon	Manfield Pump	Irrig.	58.36	20	6	Boone	Feb. 11 1934		2830
Beaver Creek	Harris, Thomas	St. Edward	Harris Pump	Irrig.	.20	27.19	5	Boone	Mar. 8 1934		2843
Beaver Creek	Gillette, H. H.	Boone	Gillette Pump	Irrig.	.59	8.19	5	Boone	Mar. 15 1935		2846
Beaver Creek	Hunter, Irwin	Abbeon	Hunter Pump	Irrig.	52.19	21	7	Boone	Mar. 24 1935		2856

1) Represents reservoir capacity alleged by applicant.

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Priority Grant In	Location of		Date of		Disc No	App No
						Sec. 40.	T. R. County	Mo.	D. Yr.		
Honey Creek Beaver Creek	Streeter, S. W. Williams, P. J.	Detroitburg Alton	Streeter Pump Williams Pump	Irrig.	See 40.	32 22	7 Boone	Apr	24 1923		2566
				Irrig.		28 26	6 Boone	Sept	30 1923		2567
Bogus Creek	Huber, Fred	Gr. Edward	Huber Pump	Irrig.		1 07 14 18	3 Boone	May	11 1927		2741
Calamus R.	Calamus Irrig. Dist.	Harpis	Calamus Canal	Irrig.		12 18	2 21 Boone	Oct	21 1925		2785
Calamus R.	Calamus Irrig. Dist.	Harpis	Calamus Canal	Irrig.		1 26	3 24 Boone	Nov	12 1927		2813
Calamus R.	Calamus Irrig. Dist.	Harpis	Calamus Reservoir	Irrig.		12 00 10	7 Boone	June	8 1926		2816
Calamus R.	Phillips, J. C., et al.	Harpis	Phillips Pump	Irrig.		13 25 25 21	Boone	June	18 1925		2873
Cedar River	Central Power Co.	Grant Island	Van Arkenon Plant	Power		29 00	1 18 Boone	Aug	1 1927	1940	
Cedar River	Iowa Nebraska Light and Power Company	Litwin	Fullerton Power Plant	Power		2 00 11 10	6 Boone	Sept	9 1925		336
Cedar River	Western Public Service Company	Scottsbluff	Erwin Power Plant	Power		15 00 23 21 22	Waver	May	31 1925		1451
Cedar River	Western Public Service Company	Scottsbluff	Erwin Power Plant	Res. dist.			7 21 12 Waver	May	17 1929		2051
Cedar River	Iowa Nebraska Light and Power Company	Litwin	Fullerton Power Plant	Res. dist.		25 00 13 16	6 Boone	Aug	8 1925		156
Cedar River	Iowa Nebraska Light and Power Company	Litwin	Fullerton Power Plant	Res. dist.			11 36 6 Boone	Jan	22 1925		1753
Cedar River	Christensen, Chas. Maxwell, David Edw.	Fullerton, Olathe	Christensen Pump Maxwell Pump	Irrig.		2 27 31 17	6 Boone	Sept	25 1921		2240
				Irrig.		4 01 23 19	6 Boone	Feb	14 1921		2261
Cedar River	Haggerty, J. Nat'l	Spalding	Haggerty Pump	Irrig.		30 34 20	3 Greeley	May	27 1924		2383
Cedar River	Haggerty, J. Nat'l	Spalding	Haggerty Pump	Irrig.		26 31 20	3 Greeley	July	26 1926		2392
Cedar River	Kramer, George et al.	Spalding	Kramer Pump	Irrig.		57 28 25	3 Greeley	June	17 1926		2617
Cedar River	Jordan, W. H., et al.	Cedar Rapids	Leeson Pump	Irrig.		2 06 23 19	8 Boone	Feb	24 1927		2802
Cedar River	Yost, John M.	Franklin	Yost Pump	Irrig.		05 17 19	8 Boone	Nov	22 1927		2867
Cedar River	Halsford, Mar. Ann.	Cedar Rapids	Statehurst Pump	Irrig.		2 09 23 18	7 Boone	Dec	25 1927		2879
Cedar River	Bevans, C. F.	Cedar Rapids	Bevans Pump	Irrig.		1 09 9 15	7 Boone	Feb	15 1928		2920
Cedar River	Hobbs, John M.	Cedar Rapids	Herman Pump	Irrig.		21 9 18	7 Boone	Feb	7 1928		2924

Clear Creek	Starbuck, Albert L. Estate	Westerville	Starbuck Pump	Irrig.	123 5 16 12 Chester 4 18 12	Nov.	7 1927	1501
Clear Creek	Dean, Paul H.	Broken Bow	Smith Pump	Irrig.	243 26 16 17 Chester	Oct.	15 1927	1362
Clear Creek	Leary, Maurice T.	Wagon City	Leary Pump	Irrig.	1 11 1 15 17 Chester	Aug.	27 1924	1275
Clear Creek	Dean, Paul H.	Broken Bow	Dean Pump	Irrig.	202 2 16 17 Chester	Oct.	9 1928	2045
Clear Creek	Harker, Louis Jr.	Lincoln	Harker Pump	Irrig.	113 26 14 16 Sherman	Mar.	9 1931	2075
Clear Creek	Vanzant and Bond	Ansley	Vanzant-Scott Pump	Irrig.	17 12 18 Chester	Mar.	22 1928	2014
Coal Creek	Hanna, Don E.	Brownlee	Honestead Canal	Irrig.	229 7 28 27 Cherry	July	14 1931	191
Dale Creek	Kempel, Frank	Orl.	Kempel Canal	Irrig.	14 20 15 11 Valley	July	5 1942	1787
Davis Creek	Christensen, Martha	Sidwng, Cal	Christensen Pump	Irrig.	25 7 14 12 10 toward	Aug.	4 1937	2769
Desert River	Van Alstwyk, A. J., et al	Broken Bow	Desert Canal	Irrig.	20 27 26 Thomas	Aug.	29 1938	2565
Elm Creek	Rogers, Walter A.	Orl.	Rogers Pump	Irrig.	168 20 19 19 Valley	Sept.	26 1929	1167
Green Creek	Erickson, P. C. and S. M.	Westerville	Erickson Canal	Irrig.	809 18 25 24 Brown	Apr.	8 1927	249
Grass Creek	Giles, B. W., et al	Wesmore	Grass Creek	Irrig.	15 20 7 15 25 Cherry	June	1 1965	142
Grass Creek	Giles, B.	Giles	Creek Canal	Irrig.	5 80 25 25 25 Brown	June	3 1926	245
Grass Creek	Pa. K. Arnold P.	Wesmore	Empire Ranch Canal	Irrig.	1 62 15 26 25 Cherry	June	11 1935	2465
Grass Creek	Giles, Richard et al	Wesmore	Giles Canal	Irrig.	25 26 25 Cherry	Aug.	14 1934	2465 1/2
Grass Creek	Shoemaker, A. E.	Warrick	Grass High Line Canal	Irrig.	29 29 28 17 25 up	July	8 1927	397
Human Creek	Homan, Matt	Cedar Rapids	Homan Pump	Irrig.	1 40 31 19 7 Brown	Jan.	6 1935	1850
Lake Creek	Tamm, Joseph C.	St. Paul	Tamam Lake Reservoir	Reserv.	115.5 F 36 15 10 31 toward	Nov.	11 1926	2528
Lillian Creek	Davis, Frank J.	Broken Bow	Davis Pump	Irrig.	4 96 1 19 20 Chester	Feb.	7 1927	1895
Lillian Creek	Myers, W. D.	Broken Bow	Myers Canal	Irrig.	1 1 15 19 20 Chester	Aug.	14 1927	1956
Looking Glass Creek	Garland, E. A. and P. H.	Wesmore	Murray Canal	Irrig.	1 86 1 17, 8 P 316	June	12 1926	291

*Application pending.

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Applicant	Post Office	Carrier	Use to which applied	Project			Date of Priority	Date App. No.		
					Annual Grant In	Location of Diversion or Dam					
					Sec-ft.	S. T. ft.	County	Mo.	Day	Yr.	
Looking Glass Creek	Loop River Public Power District	Columbus	Looking Glass Reservoir	Power	10,000	22 1/2	St. Francois	Feb	11	1933	262
Lost Creek (Warm Spring)	Travelers Insurance Company	Ormska	Dwornak Pump	Irrig.	1 30	26 17 30	St. Francois	Oct.	13	1929	261
Lost Creek (Slough)	Hallen, James	Schuyler	Ballou Reservoir	Reserv.	1446	29 17 30	St. Francois	June	14	1934	266
Lost Creek	Hallen, James	Schuyler	Ballou Pump	Irrig.	50 29	17 30	St. Francois	Aug.	29	1934	263
Lost Creek	City of Schuyler	Schuyler	Community Park Reservoir	Reserv.	11247	71 17 30	St. Francois	May	15	1937	2742
Lost Creek	Rensch, Mary	Springfield Ill.	Brisk Pump	Irrig.	51 21	17 25	St. Francois	Jan	7	1934	264
Loop River	Loop River Public Power District	Columbus	Columbus Genoa Project	Power	208,000	4 16	St. Francois	Sept	11	1932	256
Loop River	Loop River Public Power District	Columbus	Columbus-Genoa Project	Power	4 16	4	St. Francois	Apr	4	1926	253
Loop River	Grant, William	Lanshin	Nebraska Utilities Hydroelectric Plant	Power	26 17	4	St. Francois	Jan	10	1934	259
Loop R., Mid.	Western Public Service Company	Scottsbluff	Lundy Mill and Power Plant	Power	200 00	4 15	St. Francis	Aug.	1	1896	194
Loop R., Mid.	Mulhback, Fred	Mullen	Mullen Grant and Lundy Plant	Power	121 00	5 24	St. Francis	Mar	12	1912	115
Loop R., Mid.	St. Paul Electric Light Works	St. Paul	St. Paul Power Plant	Power	200 00	2 24	St. Howard	Aug.	13	1912	126
Loop R., Mid.	Western Public Service Company	Scottsbluff	Lundy Mill and Power Plant	Power	400 00	4 15	St. Francis	Sept.	16	1912	124
Loop R., Mid.	United States of America	Hedley	Hedley Nursery Canal	Irrig.	1 00	3 25	St. Thomas	Apr	16	1912	125
Loop R., Mid.	Midwest Life Insurance Company	Edinburg	Loop Valley Canal	Irrig.	58 30	20 21	St. Francis	May	31	1913	128

Loup R. No.	Lundy, Laura E.	Lynch	Lundy Lake Dam	Irrig.	28 37	4 19	10 Chester	June	27 1913	1360
Loup R. Mid.	Lundy, Laura E.	Lynch	Lundy Pump	Irrig.	4 24	4 19	10 Chester	July	15 1913	1367
Loup R. Mid.	Central Power Co.	Grand Island	Boulus Power Plant	Power	1000 70	40 13	10 Howard	July	14 1914	1373
Loup R. Mid.	C. B. & Q. R. R. Co.	Lynch	Sevans Pipe Line	Drain	50	16 24	30 The 1915	Dec	28 1914	1386
Loup R. Mid.	Stamuff, R. L.	St. Joseph, Mo.	Arnold Power Plant	Power	35 28	15	15 Chester	Apr	4 1917	1315*
Loup R. Mid.	Knapp, Harry R.	Broken Bow	Knapp Pump	Irrig.	6 49	32 15	16 Sherman	July	13 1927	1943
Loup R. Mid.	Kilgus, Paul	Haskell	Kilgus Canal	Irrig.	2 17	16 14	14 Sherman	Aug	14 1919	2055
Loup R. Mid.	John, Vincent L.	Loup City	John Canal	Irrig.	39 15	26 14	30 Omaha	Sept	15 1929	2163
Loup R. Mid.	Queszeller, John	Pharwell	Queszeller Pump	Irrig.	37 28	13	12 10 Ward	May	7 1930	2139
Loup R. Mid.	Hwyler, John	Loup City	Hwyler Pump	Irrig.	1 53	18 25	15 Sherman	July	29 1930	2221
Loup R. Mid.	C. S. Forest Service	Holsey	Holsey Nursery Canal	Irrig.	30	3 22	26 The 1915	July	30 1931	2227
Loup R. Mid.	Middle Loup Public Power & Irrig. Dist	Arnold	Middle Loup Hydroelectric Plant	Power	35 15	15	15 Chester	Dec	25 1932	2262*
Loup R. Mid.	Middle Loup Public Power & Irrig. Dist	Arnold	Canal No. 1 (South)	Canal	77 3	10 18	25 Chester	Dec	25 1932	2262**
			Canal No. 2 (South)	Irrig.	61 60	17 15				
			Canal No. 3	Irrig.	192 60	1 27 17				
			Canal No. 4	Irrig.	33 61	26 18 17				
Loup R. Mid.	Hooks, Wilford J.	Broken Bow	Hooks Pump	Irrig.	1 36	36 20 21	Chester	July	8 1933	2320
Loup R. Mid.	Lehninger, John T.	Loup City	Lehninger Pump	Irrig.	95 12	15 15	Sherman	June	2 1931	2291
Loup R. Mid.	Hankle, Mary L.	Broken Bow	Hankle Canal	Irrig.	21 56	4 21 13	18 Sherman	Sept	22 1931	2477
Loup R. Mid.	Middle Loup Public Power & Irrig. Dist	Arnold	Canal No. 1 (South)	Irrig.	3 01	10 15	15 Chester	Jan	4 1937	2675
			Canal No. 2 (South)	Irrig.	76 25	36 20 20				
			Canal No. 3	Irrig.	4 01	1 17 17				
			Canal No. 4	Irrig.	14 30	37 18 17				
Loup R. Mid.	McMillan, J. M., et al.	Theford	McMillan Canal	Irrig.	15 21	72	Blair	Oct	22 1917	1079
Loup R. No.	North Loup Power Co.	North Loup	Scott Power Plant	Power	21 17	10	Cheyre	Mar.	3 1925	1965*
Loup R. No.	Steinboyer, Geo. W.	Beatrice	North Loup Plant	Power	25 15	12	Valley	Apr	26 1925	2015*
Loup R. No.	Naab, J. Peter	Beatrice	Naab Pump	Irrig.	1 40	25 21 17	Loup	Oct.	3 1929	2091
Loup R. No.	Anderson Brothers Irrig. Company	Hastings	Anderson Pump	Irrig.	5 47	7 15	9 Howard	Apr	5 1930	2131

*Application pending.

**Represents maximum capacity alleged by applicant.

**By stipulation entered into by each of the following between the Loup River Public Power District, a subsequent in priority to Application 2290 filed by the Middle Loup Public Power and Irrigation District, and Application 2322 filed by the North Loup River Public Power and Irrigation District:

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

Source	Name of Appropriator	Post Office	Caster	Type of Application	Power- Plant In	Location of Diversion or Dam	Date of Delivery		Dist. App. No.
							Mo.	Day	
Loop R. No. 1	Smith, Daniel B.	Ord.	Smith Pump	Tring	2 25	9 19 11 Valley	Aug.	6 1936	2151
Loop R. No. 2	Mortenson, Charles J.	Ord.	Mortenson Pump	Tring	1 24	5 19 14 Valley	Aug.	8 1936	2152
Loop R. No. 3	Stewart, Wm. J.	Ord.	Stewart Pump	Tring	5 4	9 19 11 Valley	Aug.	11 1936	2153
Loop R. No. 4	Bloomquist, C. V.	Walla Walla Wash.	Bloomquist Pump	Tring	8 16	15 12 15 Valley	Nov.	26 1936	2154
Loop R. No. 5	Saunders, Ira L.	Cassburg	Saunders Pump	Tring	8 1	7 17 9 Blaine	Jan.	24 1937	2155
Loop R. No. 6	Cox, H. K.	Dufur	Cox Pump	Tring	4 27	5 24 25 Blaine	Feb.	25 1937	2156
Loop R. No. 7	Newton Irrig. Dist.	Mt. Hood	Newton Canal	Tring	19 15	25 23 25 Blaine	Mar.	18 1937	2157
Loop R. No. 8	South Loop River Public Power and Irrig. District	Ord.	Taylor Ord Canal	Tring	19 15	11 21 25 Loop	Mar.	28 1937	2158
Loop R. No. 9	North Loop River Public Power and Irrig. District	Ord.	Ord-N. Loop Canal	Tring	19 15	27 19 34 Valley			
			Barnard-Sunder Canal	Tring	6 17	15 21 36 Gardiner			
Loop R. No. 10			Snake Creek Canal	Power		26 21 17 Loop	Mar.	28 1938	2159
			Ord Plant	Power		26 19 12 Valley			
			Fort Harriett Plant	Power		19 26 11 Valley			
Loop R. No. 11	Trotter, Frank	Burwell	Trotter Pump	Tring	11 11	21 17 Gardiner	May	21 1938	2160
Loop R. No. 12	City of Ord	Ord.	Manager's Pipe Line	Tring	1 29	27 19 14 Valley	June	7 1938	2161
Loop R. No. 13	Cole, J. H. and W. B.	Taylor	Cole Pump	Tring	1 25	29 21 18 Loop	July	6 1938	2162
Loop R. No. 14	Bates, Henry A.	Burwell	Bates Pump	Tring	5 11	21 18 Gardiner	July	14 1938	2163
Loop R. No. 15	Wells, Lee	Taylor	Wells Pump	Tring	7 29	21 18 Loop	Aug.	6 1938	2164
Loop R. No. 16	Harrison, Jack	Burwell	Harrison Pump	Tring	1 16	26 21 18 Loop	Aug.	29 1938	2165
Loop R. No. 17	Alameda Public Power and Irrig. District	Alameda	Alameda Canal	Tring	12 02	1 27 21 Loop	Aug.	28 1938	2166
Loop R. No. 18 (See A 2574)	Cable, W. C.	Whitman	Cable Canal	Tring		18 26 25 Blaine	Oct.	19 1938	2167
Loop R. No. 19 (Cable Lots 1)	Cable, W. C.	Whitman	Cable Reservoir	Tring		11 24 25 Cherry	Oct.	19 1938	2168
			High Line Canal	Tring	A 2185	26 28 25 Cherry	Oct.	17 1938	2169
			High Line Canal	Tring	A 2523				
Loop R. No. 20	Walker, Glenn	Burwell	Walker Pump	Tring	7 1	22 21 12 Loop	Nov.	2 1938	2170
Loop R. No. 21	Krebs, M. E., Estate	Whitman	Krebs Canal	Tring	1 22	27 17 12 Cherry	Nov.	26 1938	2171
Loop R. No. 22 (See A 2574)	Edley, W. A.	Whitman	High Line Canal	Tring	1 30	2 25 25 Cherry	Nov.	22 1938	2172
Loop R. No. 23	Kavanaugh, Richard W.	Burwell	Kavanaugh Pump	Tring	1 30	26 29 21 Blaine	Sept.	8 1939	2173

Loop R, No.	William K. Ruppert	W. K. Ruppert	W. K. Ruppert Pump	1910	11 22 16 22 Howard	Nov	14 2526*	760
Loop R, No.	Huber, J. S. et	Huber	Huber Pump	1910	11 20 17 20 Loop	Apr	5 1807	2729
Loop R, No.	Boehrer, J. J. et	Boehrer	Boehrer Pump	1911	10 7 10 12 Howard	Sept	27 1930	3790
Loop R, No.	Boehrer, C. V.	W. W. W. W.	Boehrer Pump	1911	11 16 15 18 Howard	Nov	17 2027	2618
Loop R, No.	Van Dusen, A. P.	Albion	Newton Canal Syst	1912	10 28 21 28	June	26 1938	2453
Loop R, No.	Albion Public Power	Albion	Albion Canal Syst	1912	10 28 21 28	June	26 1938	2468
Loop R, No.	Van Dusen, A. P.	Taylor	Albion Canal Syst	1912	10 28 21 28	June	26 1938	2989
Loop R, No.	Van Dusen, A. P.	Albion	Van Dusen Pump	1912	11 21 17 21	June	12 1958	1874
Loop R, No.	Ken, J. C.	Kenwood	Ken Pump	1912	12 11 17 22	March	5 1920	1044*
Stream	Tr. Co.							
Loop R, No.	Callaway Milling and	Callaway	Callaway Mill	1912	11 00 2 1923	October	1 1985	988
	Electric Company							
Loop R, No.	T. J. W. Z.	Huber	T. J. W. Z. Pump	1912	11 17 25 12 11	October	15 1990	258
Loop R, No.	B. S. H. et	Huber	B. S. H. Canal	1912	10 29 14 27	October	17 1993	279
Loop R, No.	Huber, K. J.	Huber	Huber Canal	1912	10 00 10 11 21	October	17 1993	2106
Loop R, No.	Brown, A. L.	Huber	Brown Canal	1912	10 30 15 21	October	17 1997	161
Loop R, No.	Hartford, R. F.	Huber	Hartford Canal	1912	11 7 18 21	October	18 1997	87
Loop R, No.	C. B. & Q. R. R. Co.	Huber	Kenwood Pipe Line	1912	10 12 12 14 1927	June	21 2011	1200
Loop R, No.	Central Power Co.	Grand Island	Grand Island Canal	1912	11 00 35 18 12	Howard	18 1910	14 *
Loop R, No.	Dickens, Mrs. Fred	Huber	Dickens Canal	1912	11 27 17 27	October	20 2028	2048
Loop R, No.	Huber, J. W.	Callaway	Huber Pump	1912	11 00 16 24	October	17 2028	2017
Loop R, No.	Quinn, C. M.	Huber	Quinn Canal	1912	11 25 18 11	Howard	18 1928	1148
Loop R, No.	Huber, Fred	Huber	Huber Pump	1912	11 12 12 13	Huber	7 1930	1040
Loop R, No.	Walt, R. A.	Huber	Walt Pump	1912	12 25 18 26	Howard	18 1934	1476
Loop R, No.	May, J. W. S.	Callaway	May Pump	1912	10 15 15 22	October	8 1934	108
Loop R, No.	Turley, F. E.	Albion	Turley Pump	1912	12 14 16 21	October	7 1934	2740
Loop R, No.	Trotter, H. E.	Albion	Trotter Pump No. 2	1912	10 17 14 21	October	18 1934	1811

*Application pending.

†Reservoirs reserved capacity allotted by applicant.

**By stipulation entered into by each of the following districts, the Loop River Public Power District is a lien in priority to Application 2202 filed by the North Loop Public Power and Irrigation District, and Application 2312 filed by the North Loop River Public Power and Irrigation District.

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

Source	Name of Applicant	Post Office	Carrier	Use to which applied	Point of Diversion or Dam	Location of Diversion or Dam		Date of Priority		Doc. No.	App. No.
						Sec. 20	S. T. R. County	Mo.	Yr.		
Mesinger's Cr.	Hartz, Paul	North Loop	Hartz Pump	Irrig.	144P	26 18 13 Valley	Dec.	3, 1914		201	
Mira Creek	McClellan, C. W.	North Loop	Mira Reservoir	Irrig.	144P	26 18 13 Valley	Mar.	5, 1912		1182	
Mira Res.	McClellan, C. W.	South Loop	Mira Reservoir Canal	Irrig.		26 15 13 Valley	Mar.	6, 1912		1239	
Miza Creek	Hutchins, W. T.	South Loop	Hutchins Dam	Gen'l.		03 26 15 13 Valley	Apr.	10, 1916		1458	
Monroe Creek	Loup River Public Power District	Columbus	Monroe Reservoir	Power	138A&P	31 14 23 Platte	Feb.	27, 1933		2305	
Muhlen Creek	Loup River Public Power District	Columbus	Muhlen Creek Plant	Power	5 06	31 19 2 Platte 36 15 3	June	9, 1903		2325	
Mud (Beaver) Creek	Ravenna Mills	Ravenna	Ravenna Mills	Power		8 12 14 Buffalo				2087*	
Mud (Beaver) Creek	Branson, C. W.	Litchfield	Litchfield Mills	Power		23 14 16 Chester				995*	
Mud (Beaver) Creek	Mason City Mill and Light Plant	Mason City	Mason City Mill and Light Plant	Power		31 15 17 Chester				1042*	
Mud (Beaver) Creek	Trum, Chas.	Broken Bow	Perin Canal	Irrig.		30 23 17 20 Chester	Aug.	14, 1924		215	
Mud (Beaver) Creek	C. B. & Q. R. R. Co.	Maple In	C. B. & Q. Water Supply	Gen'l.	1 00	9 12 14 Buffalo	July	26, 1919		1350	
Mud (Beaver) Creek	Loug, Geo. W.	Litchfield	Loug Pump	Irrig.		1 21 13 14 17 Chester	Aug.	20, 1926		1846	
Mud (Beaver) Creek	Skochdepfe, Ernest	Ravenna	Skochdepfe Pump	Irrig.	2 10	1 12 15 Buffalo	Nov.	4, 1926		1871	
Mud (Beaver) Creek	Wilson, Gus S.	Litchfield	Wilson Pump	Irrig.		23 14 14 17 Chester	Dec.	10, 1923		1779	
Mud (Beaver) Creek	Vandell, J. A.	Broken Bow	Vandell Pump	Irrig.		27 23 17 20 Chester	Dec.	13, 1920		1690	
Mud (Beaver) Creek	Schmann, C.	Benway	Schmann Pump	Irrig.		1 06 21 16 16 Chester	Jan.	14, 1927		1934	
Mud (Beaver) Creek	Willoughby, C. D.	Mason City	Willoughby Pump	Irrig.		1 10 34 17 17 Chester	Feb.	9, 1927		1936	

Mud (Beaver) Creek	Yanda, Geo. J.	Rayona	Yanda Pump	Trag.	90 8 13 14 Buffalo	Apr.	4 1927	1920
Mud (Beaver) Creek	Duke, R. H., et al.	Mason City	Duke's Duke-Amberry Pump	Trag.	2 41 31 15 17 Custer	Nov.	10 1928	2053
Mud (Beaver) Creek	Leal, Harry C.	Broken Bow	Yeaman Pump	Trag.	47 28 10 12 Custer	Jan.	8 1929	2058
Mud (Beaver) Creek	Tracy, H. N.	Mason City	Tracy Pump	Trag.	11 32 15 17 Custer	Apr.	29 1929	2079
Mud (Beaver) Creek	Slatt, L. A.	Litchfield	Slatt Pump	Trag.	64 28 24 16 Sherman	May	31 1934	2293
Mud (Beaver) Creek	Haller, H. F.	Litchfield	Haller Pump	Trag.	71 19 24 16 Sherman	July	10 1934	2429
Mud (Beaver) Creek	Lane, J. R., Jr.	Litchfield	Lane Pump	Trag.	1 25 13 14 15 Custer	July	27 1934	2445
Mud (Beaver) Creek	Dietrich, Catherine, et al.	Rayona	Dietrich Pump	Trag.	1 05 4 12 15 Buffalo	Aug.	16 1934	2464
Mud (Beaver) Creek	Berry, John J.	Sweet Water	Berry Pump	Trag.	42 9 11 13 Buffalo	Aug.	21 1936	2563
Mud (Beaver) Creek	Amberry, Willie	Mason City	Amberry Pump	Trag.	22 27 20 18 Custer	Jan.	26 1937	2584
Mud (Beaver) Creek	Amberry, Elmer	Mason City	Amberry Pump	Trag.	76 23 15 18 Custer	Sept.	18 1937	2789
Mud (Beaver) Creek	Hall, John	Ansley	Hall Pump	Trag.	54 25 11 18 Custer	Oct.	1 1937	2791
Mud (Beaver) Creek	Lane, C. E.	Litchfield	Lane Pump	Trag.	1 15 13 14 16 Sherman	Oct.	4 1937	2793
Mud (Beaver) Creek	Luther, Videl R.	Mason City	Luther Pump	Trag.	89 25 10 18 Custer	Oct.	4 1937	2791
Mud (Beaver) Creek	Banning, Roy J.	Mason City	Banning Pump	Trag.	40 28 14 17 Custer	Nov.	2 1937	2840
Mud (Beaver) Creek	West, Charles	Mason City	West Pump	Trag.	84 28 15 18 Custer	Nov.	16 1937	2842
Mud (Beaver) Creek	Shellock, Melvin H.	Ansley	Shellock Pump	Trag.	5 20 18 Custer	Sept.	14 1938	2884*
Mason Creek	Lassen, Nels T.	Elba	Lassen Pump	Trag.	57 1 15 12 Howard	Oct.	31 1929	2058

*Application pending on claim not indicated.

*Represents reservoir capacity altered by applicant.

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

Stream	Name of Applicant	Post Office	Carrier	The To which applicant	Furnish- ment Grand			Date of Priority	D.S. No.	App. No.
					S. U. S.	T. U. S.	County			
Oak Creek	Larson, L. E.	Dumas Creek	Dumasberg Water Co.	1876	27	11	Howard	Mar	11 1927	1786
Oak Creek	Krohn, Peter, et al.	Okonina	Rocky Pump	1876	34	21	Howard	Mar	11 1927	2126
Oak Creek	Village of Dumasberg	Dumasberg	Dumasberg Water Reservoir	1876	35	31	Howard	Nov	25 1927	2849
Oak Creek	Hart, Russ N.	Dumasberg	Hart Canal	1876	3	11	Howard	Mar	4 1928	2842
Platte River	Fremont Canal and Power Company	Fremont	Fremont Canal	1876	25	10	Butler	June	21 1928	4
Platte River	City of Omaha	Omaha	Power and Heating Co.	1876	69	29	Butler	Mar	25 1928	894
Platte River	Grant, William	Lundin	Power	1876	1	36	Butler	Nov	18 1928	2146
Quail Creek	Quail Creek	Fremontberg	Quail Creek Pump	1876	26	34	Butler	Apr	19 1927	2728
Sand Creek	Nelson, John	Callaway	Trooper Pump	1876	24	6	Butler	Feb	21 1927	1447
Shell Creek	Schwartz T. Estate	Camden	Shell Creek Canal	1876	2	29	Butler	Dec	17 1927	2824
Shell Creek	Schwartz J. Estate	Camden	Shell Creek Canal	1876	30	3	Butler	Dec	17 1927	2826
Shell Creek	Guthrie, Max	Camden	Southberg Canal	1876	1	36	Butler	June	8 1928	7
Shell Creek	Arnold, Edward	Platte Creek	Apple Pump	1876	2	21	Butler	July	31 1926	2603
Shell Creek	Herde, Philip	Schuyler	Herde Pump	1876	39	24	Butler	Sept	25 1926	2642
Shell Creek	Wells, John H.	Schuyler	Wells Pump	1876	46	28	Butler	Aug	2 1927	2771
Shell Creek	Herde, Philip	Schuyler	Herde Pump	1876	55	34	Butler	Sept	10 1927	2781
Shell Creek	George, C. J.	Camden	George Pump	1876	2	36	Butler	Sept	14 1927	2782
Shell Creek	Kasun, Kenneth	Schuyler	Kasun Pump	1876	45	29	Butler	Nov	1 1927	2799
Shell Creek	Mason, Herman	Schuyler	Mason Pump	1876	64	28	Butler	Dec	9 1927	2811
Shell Creek	Kluck, John	Irish Lake	Kluck Pump	1876	18	13	Butler	Nov	18 1927	2812
Shell Creek	Boley, John C.	Schuyler	Boley Pump	1876	1	69	Butler	May	8 1928	2871
Spring Branch	Multiple Farmers and Live Stock Dept. Co.	Camden	Rocked Canal	1876	7	6	Butler	Feb	2 1924	1357
Spring Creek	Hollys, H. J.	Meroux	Hollys Canal	1876	1	35	Butler	June	27 1926	274

Tucker Creek	Drethey, H. E.	Owens	Maple Canal	Irrig.	99	9 24 21 Cluster	Sept. 11, 1934	2473
Turkey Creek	Markensen, M. P.	Hamilton	Markensen Reservoir	Irrig.	5 25 AF	21 24 17 Howard	Aug. 20, 1931	2591
Wardensburg Res.	Markensen, M. P.	Hamilton	Markensen Canal	Irrig.		21 14 21 Howard	Aug. 31, 1931	2597
Turkey Creek	Miller, Andrew S.	Hamilton	Miller Reservoir	Irrig.	1966 AF	21 14 11 Howard	Jan. 20, 1934	2426
Miller Res. S.	Miller, Andrew S.	Hamilton	Miller Reservoir Canal	Irrig.		21 14 11 Howard	Jan. 20, 1934	2476
Turkey Creek	McKisicki, Joe	Hamilton	McKisicki Pump	Irrig.		21 25 11 21 Howard	Aug. 26, 1935	2574
Victoria Creek	Myers, Perry A.	Asheville	Victoria Canal No. 1	Irrig.	77	1 19 21 Cluster	Mar. 17, 1931	2167
Victoria Cross	Victoria Ditch Ass'n	Gates	Victoria Canal No. 2	Irrig.	655	1 29 22 Cluster	July 17, 1934	2181
Victoria Cross	Langhman, Thomas	Asheville	Langhman and Bell Canal	Irrig.	211	2 19 21 Cluster	Sept. 22, 1931	217
Victoria Cross	Myers, Perry A.	Asheville	Myers Canal	Irrig.	1 54	1 9 21 Cluster	Aug. 3, 1926	1913
Victoria Cross	Victoria Ditch Ass'n	Asheville Res.	Victoria Canal No. 2	Irrig.	1 21	1 29 22 Cluster	Aug. 12, 1936	1915
Victoria Cross	McGraw, Chas.	Birdon B. S.	McGraw Canal	Irrig.	2 95	4 19 20 Cluster	July 11, 1935	1940
Victoria Cross	McGraw, Chas.	Birdon B. S.	McGraw Canal	Irrig.	1 83	6 19 20 Cluster	Aug. 9, 1935	1978
Victoria Cross	McGraw, Chas. M.	Birdon B. S.	McGraw Pump	Irrig.	180	6 19 20 Cluster	June 4, 1937	219*
Waple Creek	Martinson, F. W.	Clyde	Martinson Pump	Irrig.	3	3 17 28 Cluster	Oct. 17, 1935	1595

*Applicant on pending.

† Represents present capacity alleged by applicant.

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Provisional Grant		Location of Diversion or Dam		Date of Priority		Dist. No.	App. No.
					Sec.	ft.	S	T	R	County			Mo.	Yr.
Battle Creek	H. H. Hensholt, Emma and Tompugh, Okla.	Battle Creek	Battle Creek Mill	Power	10.67	36.24	3	Madison	Nov.	1, 1938		454
Battle Creek	H. H. Hensholt, Emma and Tompugh, Okla.	Battle Creek	Battle Creek Mill	Power	20.00	36.24	3	Madison	Apr.	20, 1900		838
Buffalo Creek	Lewis, Sylvester	Meadow Grove	Lewis Pump	Irrig.	1.29	29.24	4	Madison	Nov.	9, 1936		2655
Cedar Creek	Carlson, Herman	Elgin	Carlson Pump	Irrig.	15	3.00	6	Antelope	Mar.	17, 1925		2716
Clear Creek	Lynx Drainage Dist.	Lynx	Main Ditch No. 1	Drain		14.23		SE Burn	Mar.	9, 1911		1959
Clear Creek	Gilmore, E. L. C.	Ashtand	Gilmore Canal	Irrig.	36.95	19		SE Saunders	Apr.	16, 1927		1853
Dee Creek	Hill, Peter, Jr.	Waverly	Hill Pump	Irrig.	1.72	7.31		SE Cass	June	12, 1933		2326
Dog (Dog Town) Creek	Beckman, John	Wayne	Beckman Pump	Irrig.	.88	6.26	40	Wayne	Aug.	16, 1936		2611
Dry Gully (Scott) Creek	Scott, H. D.	Lancola	Scott Reservoir	Irrig.	172A ²	22, 12		NE Lancaster	Dec.	7, 1936		2605
	Scott, H. D.	Lancola	Scott Pump	Irrig.		22, 12		SE Lancaster	Dec.	7, 1936		2762
Elkhorn River	Interstate Power Co.	Dubuque, Ia.	Elkhorn Mill	Power	25.40	30.21	14	Holt	Nov.	1, 1863	271	
Elkhorn River	Elkhorn Irrig. Co.	O'Neill	Elkhorn Canal	Irrig.	103.48	22.29	13	Holt	Feb.	3, 1894	259	263
Elkhorn River	David, Joe	O'Neill	David Canal	Irrig.	3.42	31.22	11	Holt	Feb.	8, 1894		260
Elkhorn River	Carlson, Frank	O'Neill	Carlson Canal No. 1	Irrig.	3.09	32.29	11	Holt	Feb.	5, 1904		261
Elkhorn River	Carlson, Frank	O'Neill	Carlson Canal No. 2	Irrig.	5.00	30.29	11	Holt	Feb.	5, 1904		262
Elkhorn River	Cain, N. K. et al.	O'Neill	Cain Canal	Irrig.	5.00	32.29	11	Holt	Feb.	29, 1905		263
Elkhorn River	Boas, Chas. J.	Omaha	Boas River Plant	Power	500.00	14.15	10E	Dawson	Nov.	24, 1909		971
Elkhorn River	Neligh, W. T. S.	West Point	West Point Plant	Power	400.00	28.25	6R	Clayton	Nov.	25, 1910		1250
Elkhorn River	Sibbersau, Brothers	Omaha	Sibbersau Canal	Irrig.	2.00	30.29	14	Holt	Sept.	5, 1923		1779
Elkhorn River	Eubank, C. W.	Lancola	Eubank Pump	Irrig.	.70	10.25	7	Antelope	July	5, 1934		2416

Elkhorn River	Holtzman, Herman	West Point	Holtzman Pump	Irrig.	31 21 22	63	Cumling	Mar	16 1935	2528
Elkhorn River	McGulre, K. V.	Waver	McGulre Pump	Irrig.	2 21 32 24	425	Cumling	Aug.	14 1936	2612
Elkhorn River	Collins, John M.	West Point	Collins Pump	Irrig.	50 22 22	61	Cumling	Aug	21 1936	2630
Elkhorn River	Dwyer, Geo. K.	Waterloo	Dwyer Pump	Irrig.	60 19 15	142	Dougherty	Sept	21 1936	2641
Elkhorn River	J. C. Robinson Real Estate Company	Waterloo	Evergreen Pump	Irrig.	1 20 2 15 16 20	1032	Dougherty	Nov	3 1936	2650
Elkhorn River	Yostner, H. E.	Norfolk	Tarbert Pump	Irrig.	60 36 24	1	Madsen	Dec	21 1936	2674
Elkhorn River	Reynolds, Joe, Jr.	Stanton	Reynolds Pump	Irrig.	60 13 27	122	Stanton	Mar	1 1937	2704
Elkhorn River	Baldt, Malcolm	Stanton	Baldt Pump	Irrig.	27 29 23	230	Stanton	Apr	21 1937	2734
Elkhorn River	Brink, Greta	Oakdale	Brink Pump	Irrig.	37 5 24	5	Anderson	June	4 1937	2750
Elkhorn River	Feldhahn, Albert	Norfolk	Feldhahn Pump	Irrig.	53 6 29	12	Stanton	July	30 1937	2767
Elkhorn River	Steward, J. B.	Tilden	Steward Pump	Irrig.	63 18 24	4	Madsen	Mar	15 1938	2850
Elkhorn River	Sunderland, John E.	Onaka	Sunderland Pump	Irrig.	1 24 24 15 10 2	10 2	Dougherty	Apr	4 1938	2850
Elkhorn River, North Fork	Norfolk Central Flour Mills	Norfolk	Norfolk Central Flour Mill	Power	10 09 21 24	1	Madsen	Mar	1 1937	956
Elkhorn River, North Fork	Norfolk Packing Co.	Norfolk	Waverford Pump	Irrig.	1 03 15 24	1	Madsen	June	15 1937	2055
Elkhorn River, North Fork	Stahl, Carl C.	Norfolk	Stahl Pump	Irrig.	42 10 24	1	Madsen	Aug	17 1938	2843
Elkhorn River, North Fork	Hagel, Robert A.	Norfolk	Hagel Pump	Irrig.	50 15 24	1	Madsen	Sept	22 1934	2424
Elkhorn River, North Fork	Bathke, Robert	Norfolk	Bathke Pump	Irrig.	62 23 21	1	Madsen	Apr	4 1935	2730
Elkhorn River, North Fork	Norfolk Packing Co.	Norfolk	Waverford Pump	Irrig.	33 15 24	1	Madsen	May	2 1936	2527
Elkhorn River, North Fork and Dry Creek	Chivers, C. H.	Waver	Chivers Pumps	Irrig.	5 01 10 26 15 26	2 2	Dougherty	July	24 1936	2588
Elkhorn River, North Fork	Werner, John	Norfolk	Werner Pump	Irrig.	55 26 24	1	Madsen	July	20 1936	2537
Elkhorn River, North Fork	Koelmann, Edwin	Waver	Koelmann Pump	Irrig.	1 29 15 26	2	Dougherty	July	27 1936	2560
Elkhorn River, North Fork	Koehler, Walter	Onaka	Koehler Pump	Irrig.	51 19 27	2	Dougherty	Aug	23 1936	2613
Elkhorn River, North Fork	Dougherty, L. J.	Norfolk	Dougherty Pump	Irrig.	24 26 24	1	Madsen	Nov	18 1936	2661

1. Represents acreage capacity alleged by applicant.

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

Source	Name of Appropriator	Post Office	Character	Class of Water Right	Priority			Date of Priority	App. No.
					From Grant	From Discovery	From Other		
Edison River, North Fork	Kaplan, J. C. Clatsop Co.	Prine	Kenmore Pump	1907	01 26 25	1	Prine	Dec 31 1906	2670
Edison River, North Fork	Stewart, S. M.	Northfork	Stewart Pump	1907	21 22 21	1	Madras	May 25 1907	2717
Edison River, North Fork	R. Miller, Herman	Northfork	Kenmore Pump	1906	41 26 21	1	Madras	Apr 27 1905	2825
Edison River, North Fork	U. S. Forest Service	Lawton	North's Nursery Pump	1906	44 26 24	1	Madras	May 16 1908	2875
Edison River, South Fork	Reichle, A. J.	Madras	Flouring Mill	1906	03 04 20	0	Prine	Aug 21 1906	454
Edison Creek	Young, Russell	Prine	Village Pump	1906	02 17 23	0	Antelope	Nov 24 1905	2563
Logan Creek (Madras Drain)	Johnson, Harry C.	Madras	Johnson Pump	1906	12 18 27	0	Prine	Feb 29 1907	2792
Logan Creek	Hayslett, H. W.	Hesper	Haystack Pump	1906	27 33 21	0	Prine	July 16 1906	2590
Logan Creek	Mayer, George H.	Hesper	Mayer Pump	1906	14 26 24	0	Prine	July 21 1906	2595
Logan Creek	Schick, George H.	Hesper	Schick Pump	1906	28 32 23	0	Prine	July 24 1906	2596
Logan Creek	Willing, George V.	Prine	Willing Pump	1906	28 32 23	0	Prine	July 25 1906	2597
Logan Creek	Mayer, Wm. J.	Prine	Mayer Pump	1906	1 27 24	0	Prine	July 27 1906	2598
Logan Creek (Madras Drain)	Kubler, J. J., J. J. and V. E. Kubler	Prine	Village Pump	1906	30 11 21	0	Prine	Aug 1 1906	2601
Logan Creek	Hayslett, Wm. J.	Hesper	Hayslett Pump	1906	07 33 25	0	Prine	Aug 17 1906	2610
Logan Creek	Kubler, J. J.	Prine	Kubler Pump	1906	14 32 23	0	Prine	Aug 26 1906	2624
Logan Creek (Prine Drain)	Nease, V. E.	Prine	Nease Pump	1906	28 35 23	0	Prine	Sept 2 1906	2632
Logan Creek	Hayslett, Wm. J.	Hesper	Hayslett Pump	1906	41 29 21	0	Prine	Nov 12 1906	2668
Logan Creek (Prine Drain)	Robertson, William	Prine	Robertson Pump	1906	28 36 24	0	Prine	Dec 26 1906	2675

Logan Creek	Hall, D.	Wayne	Hall Pump	Truck	10-13-26	385 Wayne	July	29 1937	2688
Logan Creek	Burkhardt, Charles	West Point	Burkhardt Pump	Truck	30-8-26	185 Columbia	July	15 1937	2937
Logan Creek (Lyon's Drain)	Burkhardt, H. H.	Boulder	Burkhardt Pump	Truck	10-25	62 Thurston	Mar.	2 1937	2707
Logan Creek	McCook, Ernest	Denver	McCook Boulder Pump	Truck	1-17-27	720 Columbia	Mar.	9 1937	2732
Logan Creek	DeYoung, Ernest	Oakland	DeYoung Pump	Truck	26-3-27	335 Dealey	Mar.	10 1937	2734
Logan Creek	Boys, Albert T.	Denver	Boys Pump	Truck	28-15-27	185 Columbia	May	4 1937	2739
Logan Creek (Lyon's Drain)	Boys, E. Irving G.	Lyon	Boys Pump	Truck	1-74-27-28	575 East	Oct.	5 1937	2788
Maple Creek	Leather, Howard J.	Niagara	Leather Pump	Truck	2-7-29-31	56 Lyabo	Dec.	19 1934	2541
Middle Creek	Malone, Robert	Lamona	Malone Double End Leather Pump	Truck	30-6-36-37	62 Lancaster	Dec.	26 1937	282
Middle Creek	Lyons, Charles H.	Lamona	Lyons Pump	Truck	28-25-36	62 Lancaster	Jan.	7 1937	2821
Oak Creek	Kirby, Herman	Lamona	Kirby Pump	Truck	7-17-37	62 Lancaster	Jan.	21 1937	289
Oak Creek	Cheney, E. J.	Lamona	Cheney Pump	Truck	15-8-37	62 Lancaster	Feb.	6 1937	299
Oak Creek	Flanck, Edward	Lamona	Flanck Pump	Truck	15-8-37	62 Lancaster	Nov.	21 1937	2918
Oak Creek	Clark, Arthur	Lamona	Clark Pump	Truck	14-17-37	62 Lancaster	Apr.	21 1937	2922
Oak Creek	Cheney, E. M.	St. George	Cheney Pump	Truck	26-4-37	62 Lancaster	Sept.	22 1937	2926
Oak Creek	Wittner, J. L.	Lamona	Wittner Pump	Truck	24-12-37	62 Lancaster	Feb.	8 1937	2981
Oak Creek	Burcham, W. F.	Lamona	Burcham Pump	Truck	1-75-29-37	62 Lancaster	July	28 1934	2922
Oak Creek	Wright, John W.	Lamona	Wright Pump	Truck	1-49-29-37	62 Lancaster	Sept.	14 1936	2929
Oak Creek	Logan, S. C.	Windsor	Logan Horsepower	Truck	27-17	52 Saunders	Aug.	19 1935	2947
Oakdale Drain (Lyon's Cr.)	Johnson, F. A.	Oakdale	Johnson Pump	Truck	32-30-37	52 Stuart	Sept.	26 1934	2982
Pauline (Dentons Drain)	Berman, Herman	Dentons	Berman Horse Pump	Truck	32-12-37	134 Perry	July	24 1935	2984
Peblee Creek	Hall, John W.	West Point	Hall Pump	Truck	30-5-39	25 Dodge	July	17 1936	3081
Peblee Creek	Valmer Brothers	West Point	Valmer Pump	Truck	1-23-39-40	25 Dodge	Sept.	9 1936	3087
Platte River Platte River	Boys, Charles	Omaha	Platte River Pump	Truck	22-7-36	1-21 131 Douglas	Nov.	24 1936	310
Platte River	Parsons and Haute	Blacksmith	Parsons and Haute Pump	Truck	26-9-36	37 130 Douglas	Sept.	4 1934	3179
Rowley Cr.	Cowles, S. J.	Gr. Reg. Kan.	Cowles Pump	Truck	18-17-35-36	102 Douglas	Aug.	7 1936	3264
Map page 12	Application page 16								

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

Source	Name of Applicant	Post Office	Carrier	Use to which applied	Provisional Grant In		Location of Diversion or Dam		Date of Priority		Der. No.	App. No.	
					Sec. 21	S. T. B.	County	Mo.	D. Yr.				
Rawhide Cr.	Hollingsworth, R. E.	Omaha	Hollingsworth Pump	Trick	41	16 16	10E	Deauche	June	9, 1927		2751	
Rock Creek	Stock, Chas.	Cenexco	Stock Pump	Trick	1	26 31	13	7E Saunders	Aug.	6, 1931		3225	
Rock Creek	Jeffrey, Lloyd	Waverly	Jeffrey Pump	Trick	45	34	12	8E Lancaster	May	12, 1934		3259	
Ryan's Creek	Nikhorn River Drainage District	Frederic	Cutoff '87	Drain		4	17	9E Dodge	Oct.	16, 1905		266	
Salt Creek	C. B. & G. W. Co.	Lincoln	C. B. & G. Water Supply	Trick	1	00	3	6E Lancaster	Sept.	20, 1923		3220	
Salt Creek	Rutherford, Frank	Hartings	Rutherford Pump	Trick	9	51	24	4E Lancaster	July	1, 1925		3266	
Salt Creek	State Board of Control	Lincoln	Penitentiary Canal	Trick	1	00	13	8E Lancaster	June	15, 1926		3417	
Salt Creek	Repar, C. H.	Lincoln	University Shooting Club	Resort		35	11	2E Lancaster	July	29, 1926		3437	
Salt Creek	Splais, William F.	Lincoln	Splais-Ragan Pump	Trick	11	25	9	6E Lancaster	June	15, 1934		3412	
Sand Creek	Hader, Joe	Waverly	Wanhok Park Brewery	Fish	12	24E	3	14	7E Saunders	July	25, 1934		3442
Sand Creek	Dobosal, Edward	Waverly	Dobosal Brewery	Fish	12	24E	22	15	7E Saunders	Aug.	1, 1934		3452
Silver Creek	Gann, Forestation and Parks Commission	Lincoln	Arbaum and Company Reservoir	Trick	15	00	2	13	9E Saunders	Oct.	16, 1893		415
Silver Creek	Switford Company	Chicago, Ill.	Swit & Co. Ice Plant	Ice Trick	10	00	2	13	9E Saunders	Dec.	16, 1899		324
Silver Creek	Hanks, William	Omaha	Hanks Pump	Trick	59	35	14	5E Saunders	July	28, 1934		3434	
Spring	Newell, L. and Co.	Omaha	Spring Grass Canal	Trick	37	12	14	13E Sarpy	June	15, 1885		29	
Springfield Creek	Trumble, Floyd D.	Wapahon	Trumble Pump	Trick	55	36	13	11E Sarpy	July	8, 1937		3760	
Stevens Creek	Moore, R. E.	Lincoln	Stevens Creek Canal	Trick	1	00	2	10	7E Lancaster	Nov.	19, 1913		3335

Taylor Creek	Lew, John	Madison	Lew Pump	Trig.	45 25 22	2 Madison	Aug. 19, 1936	2879
Union and Taylor Creeks	Breider and Neesley	Madison	Colton Valley Roller Mills	Power	32 32	1 Madison	995*	
Union Creek	Krueger, Helen B.	Humphrey	Krueger Pump	Trig.	43 24 21	2 Madison	May 9, 1934	2379
Union Creek	Streckelberg, Carl Fredert	Lincoln	Streckelberg Pump	Trig.	2 32 31 22	1E Stanton	Aug. 13, 1934	2461
Union Creek	Forke, John	Stanton	Forke Pump	Trig.	35 31 23 24	2E Stanton	May 22, 1936	2149
Union Creek	Christian, Ben	Madison	Christian Pump	Trig.	1 65 27 12	1 Madison	Nov. 4, 1936	2814
Union Creek	Mastey, Frank	Stanton	Mastey Pump	Trig.	1 45 1 22 1E	1E Stanton	Nov. 9, 1936	2656
Union Creek	Jacobson, Chas. H.	Madison	Jacobson Pump	Trig.	49 13 21	1 Madison	Mar. 10, 1937	2570
Union Creek	Long, Fred and Sons	Madison	Long Pump	Trig.	72 29 22 14	1 Stanton	July 10, 1937	2262
Union Creek	Lutz, Lonnie	Stanton	Lonnie Pump	Trig.	1 22 1E	1 Stanton	May 20, 1938	2654
Wahoo Creek	Wahoo Hunting Club	Lincoln	Ayr Lake	Power	126 43 25 13 3E	3 Saunders	Dec. 3, 1939	2764
Wahoo Creek	Thiptow, Herman	Idaho	Thiptow Pump	Trig.	1 42 21 14 4E	4E Saunders	July 25, 1934	2414
Wahoo Creek	Breyer, William F.	Idaho	Breyer Pump	Trig.	96 29 14 5E	5E Saunders	Aug. 11, 1934	2463
Wah Lake	Wah, Dorothy H.	Battle Creek	Wah Pump	Trig.	17 22 24	1 Madison	Mar. 3, 1937	2508
Willow Creek	Hitelek, Geo. J.	Idaho	Hitelek Pump	Trig.	66 25 26	4 Idaho	May 14, 1937	2743

*Claim not substantiated

†Represents reservoir capacity alleged by applicant.

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

Name	Name of Applicant	Post Office	Character	Place to which Applied	Location of			Date of Priority	Disc. No.	App. No.	
					Section	Township	County				
Albion Creek	Fullerton, J. B.	Arkansas	Fullerton Canal Co.	Trunk	36	22	13	Cherokee	Mar.	21 1896	278
Antelope Creek	Fullerton, A. H. et al.	Garden	Antelope Canal	Trunk	36	22	13	Cherokee	June	20 1905	708
Antelope Creek	Leake, W. A.	Garden	Leake Pump	Trunk	32	23	13	Cherokee	May	20 1903	207
Antelope Creek	Green, M. K.	Garden	Green Pump	Trunk	32	23	13	Cherokee	May	20 1903	207
Ashburn Creek	Zimmer, W. H.	Valentine	Ashburn Canal	Trunk	13	25	24	Cherokee	June	17 1892	626
Bear Creek	Skinner, Thomas	Spradling	Skinner Canal	Trunk	14	15	21	Cherokee	June	20 1888	66
Bear Creek	Chelton, F.	Spradling	Chelton Canal	Trunk	14	15	21	Cherokee	July	2 1898	479
Bear Creek	Woods Brothers	Laneville	Woods Brothers Canal	Trunk	11	28	20	Cherokee	Sept.	21 1928	2645
Bear Creek	Reedy Co.										
Bear Creek	Osler, H. et al.	McIntosh	Bear Project	Trunk	8	19	17	Cherokee	Feb.	21 1932	2750
							14 20 31				
							7 20 30				
							5 20 30				
							10 20 30				
Bear Creek	Kates, Harold S.	McIntosh	Kates Project	Trunk	8	19	17	Cherokee	July	12 1932	2771
							2 20 30				
							12 20 30				
Bear Creek	Bowling, Arthur	McIntosh	Bowling Canal	Trunk	8	17	11	Cherokee	June	21 1932	2742
Bear Creek	St. George, Arthur	McIntosh	St. George Canal	Trunk	11	18	21	Cherokee	July	9 1937	2996
Beeman Creek	Barnard, C. O.	Spradling	Barnard Canal	Trunk	13	21	22	Cherokee	June	1 1897	603
Beeman Creek	Carroll, David	McIntosh	Carroll Canal	Trunk	10	18	22	Cherokee	May	20 1922	629
Big Sandy Cr.	Fullerton, W. S.	Goody	Big Sandy Canal	Trunk	1	14	21	Cherokee	May	20 1902	467
Big Sandy Cr.	Johnson, C. A.	Putte	Johnson Mill	Trunk	26	08	12	Cherokee	Aug.	28 1897	185
Black Horse Cr.	Reeder, A. P.	O'Neil	Reeder Canal	Trunk	1	08	21	Cherokee	Aug.	28 1891	257
Blue Hill Cr.	Murphy, F.	O'Neil	Murphy Canal	Trunk	1	08	26	Cherokee	Sept.	7 1894	273

Boardman Cr.	Bachelor, J. H.	Valentine	Barber's Canal	Irrig.	27,29	13,30	22,00	Cheery	Jan	17 1885	298
Box Butte Cr.	Sublet, Wm.	Murdock	Wells Canal	Irrig.	27,79	13,45	22,00	Sheepskin	Jan	18 1885	513
Brush Creek	Nebraska Traction Company	Jerry	Brush Creek Canal	Power	18,60	23,21	13,24-31		Sept	28 1899	474
Brush Creek, East Branch	McCarthy, M. H.	O'Neil	McCarthy Canal No. 1	Irrig.	5, 14	27, 14	21, 31		July	1 1896	264
Brush Creek, West Branch	McCarthy, M. H., et al.	O'Neil	McCarthy Canal No. 2	Power	64,26	72, 11	19, 31		Aug	13 1901	266
Burns Creek	Mills, Otto	Springtown	Burns Creek Canal	Irrig.	37, 15	53, 17	Keya Falls	July	16 1895	663	
Burns Creek	Mills, Otto	Springtown	Keya Falls Canal	Irrig.	35, 2	34, 2	Keya Falls	Sept.	2 1895	1,113	
Canyon	Gilmore, Henry	South Fork	Gilmore Canal	Irrig.	14, 29	36, 21	34, 8-10		July	2 1907	861
Cedar Creek	McNittie, Leonard P.	Johnston	Cedar Creek Canal	Irrig.	40, 1	50, 24	70, 30		Sept	18 1905	1,627
Coffee Lake, et al.	Coffee Lake Drainage District	Valentine	Coffee Lake Dist.	Drain		21, 00	Cheery	Nov.	22 1893	1,729	
Crow Creek (See Lakington Water Co.)	Leonard, J. B.	Hazell	Leonard Pump	Power	1, 20	24, 32	19, 10	Beck	Aug	17 1905	1,944
Cullowesson Cr.	Merrill, Geo.	Pittsburg	Merrill's Canal	Irrig.	7, 17	25, 18	Thayer	Dec	16 1895	491	
Cullowesson Cr.	Fendrich and Little	Pittsburg	Fendrich Little Canal	Power	61, 22	25, 18	Thayer	Nov	9 1898	1,026	
Cullowesson Cr.	Little, Hugo	Chickasha	Little's Canal	Power	36, 22	27, 18	Thayer	July	14 1901	1,113	
Coyote Springs	Whitson, Claude B.	Mitchell	Wagon Canal	Irrig.	1, 43	26, 27	14, 00	Keya	July	2 1871	214
Coyote Springs	Whitson, Claude B.	Mitchell	Coyote Springs Fe.	Irrig.	15, 87	16, 27	23, 40	Keya	Apr	1 1896	1,512
Coyote Springs (Barnston)	Whitson, Claude B.	Mitchell	Coyote Springs Canal	Irrig.		16, 27	54, 26	Keya	Apr	1 1897	1,459
Cracked Creek	Mills, Otto	Springtown	Mills Canal	Power	3, 06	3, 02	29, 30	Keya Falls	Dec	21 1895	664
Cracked Creek	Mills, Otto	Springtown	Mills Canal	Irrig.	100, 0	11, 11	Keya Falls	June	2 1895	6, 56	

(Represents treatment capacity allotted by applicant)

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

Source	Name of Applicant	Post Office	Canal	Use for which applied	Total Acres	Location of Diversion or Dam			Date of Priority		Div. No.	App. No.		
						Section	Twp.	County	Mo.	Day			Year	
Cross Creek	Mathison, W. H.	Sorden	Mathison Canal	Irrig.	21	3	23	Keya Paha	Sept.	1	1888	673		
Cub Creek	Tosue and Patterson DeLash, S.	Springview	Tosue-Patterson Canal	Irrig.	63	36	23	Keya Paha	June	30	1894	618		
Cub Creek		Menobite	McConber Canal	Irrig.	10	26	31	Keya Paha	Aug.	15	1894	543		
Dry Creek	Christensen, Chas.	Merriman	Dry Creek Canal	Irrig.	41	29	34	Cherry	July	2	1915	232		
Dry Creek	Morsland, Chas. E.	Merriman	Morsland Canal	Irrig.	95	36	24	Cherry	May	22	1917	274		
Eagle Creek	Bokhof, Wm.	Atkinson	Bokhof Canal	Irrig.	2	64	6	31	Hall	Sept.	18	1891	271	
Eagle Creek	Robertson, J. A.	Atkinson	Eagle Valley Canal	Irrig.	2	29	1	3	Hall	Mar.	15	1895	290	
Eagle Creek, South Branch	Becker, Samuel	Atkinson	Becker Canal	Irrig.	1	14	6	30	Hall	Nov.	3	1894	274	
Eik Creek	Lamb Brothers	Baswell	Lamb Canal	Irrig.	6	6	31	15	Hook	Feb.	2	1884	2115	
Eik Creek	Lamb Brothers	Baswell	Lamb Power Plant	Power	3	69	6	31	15	Hook	Feb.	2	1884	2169
Eik Creek	Keong, Joe	Baswell	Pine Grove Reservoir	Fish.	1	64	8	31	15	Hook	Apr.	3	1884	2175
Farfield Creek	Kuhre, Wm. M.	Johnstown	Kuhre Pond	Power	25	60	31	32	21	Brown	Sept.	1	1893	612
Farfield Creek	Kuhre, Wm. M.	Johnstown	Kuhre Canal	Irrig.	14	3	33	21	Brown	June	1	1891	612b	
Glencove Springs	Baker, Geo. C.	Johnstown	Glencove Canal	Irrig.	86	26	37	21	Brown	Mar.	1	1891	596	
Gordon Creek	Welfenden, C. H.	Kennedy	Lee Canal	Irrig.	6	86	6	25	17	Cherry	Apr.	25	1895	373
Gordon Creek (Hackberry Lake, et al)	Gamm, Ernest and Parks County Dist.	Liberal	Hackberry Lake Supply Canal	Fish.	5	50	33	7	23	Cherry	Oct.	18	1892	2289
Hay Springs Creek	Barnes, Walter J. and Phillips, Dwight	Hay Springs	Barnes and Phillips Reservoir	Irrig.	11	24	4	31	18	Stanley	Apr.	1	1895	333
Hay Springs Creek	Gamm, Ernest and Parks County Dist.	Liberal	Walton Lake Reservoir	Fish.	11	54	1	27	31	Cherry	May	2	1891	2510

Holt Creek	Schmittgen, J. J.	Burton	Schmittgen Canal	Irrig.	24 30 25 25 Keya Paha	Feb	23 1895	505
Holt Creek East	Akers, J. W.	Springview	Akers Canal	Irrig.	24 1 34 21 Keya Paha	Aug	1 1921	613
Horse Head Cr.	Bruce, A.	Norton	Bruce Canal	Irrig.	17 16 13 24 Keya Paha	Sept	7 1885	110
Horse Shoe Lake et c.	Horse Shoe Lake Drainage District	Irwin	Horse Shoe Ditch	Drain	13 34 46 Cherry	June	27 1916	1481
Huggins Creek	Soper, H. K.	Irwin	Soper Canal	Irrig.	14 11 37 30 Keya Paha	Nov	6 1894	502
Heckel Creek	Metzger, M. O.	Merriman	Metzger Canal No. 1	Irrig.	21 26 35 38 Cherry	Mar.	21 1908	2631
Heckel Creek	Metzger, M. O.	Merriman	Metzger Canal No. 2	Irrig.	14 18 25 38 Cherry	Mar	21 1908	2652
Jewett Creek	Jewett, C. P.	Meadville	J. J. Canal	Irrig.	22 1 22 21 Keya Paha	Oct.	23 1891	509
Keyapaha R.	Yarum, C. C.	Hutte	Yarum Canal	Irrig.	14 13 24 15 46-54	Sept	7 1904	572
Keyapaha R.	Prince, Angus & Son	Naper	Prince Boiler Mills	Power	29 16 24 34 15 Box 1	Oct.	3 1892	723
Kibby Creek	Green, Martha J.	Hildale	Green Canal	Irrig.	20 25 34 16 Box 1	Apr	1 1894	547
Laughing Water Creek (See Over Creeks)	Leonard, J. R.	Hawell	Leonard Pump	Irrig.	13 25 32 19 Box 1	Aug	17 1913	2314
Lewis Spruce	Lewis, Ralph.	Burton	Lewis Canal	Irrig.	14 29 35 17 Keya Paha	Aug	30 1893	1123
Long Pine Cr.	Intervale Power Co.	Tabuque La	Long Pine Plant	Power	49 00 20 30 21 Box 1	Apr	1 2 2007	941
Louse Creek	Lansberry, L. F.	Red Bird	Lansberry Canal	Irrig.	20 22 32 16 Box 1	Sept.	14 1928	2106
Middle Creek, East Branch	McQuinn, M. W.	Norden	McQuinn Canal	Irrig.	21 22 33 23 Keya Paha	June	1 1894	518
Middle Creek, West Branch	Allen, M. M.	Norden	Allen Canal	Irrig.	20 29 33 23 Keya Paha	June	1 1894	514
Middle Creek, West Branch	Allen, M. M.	Norden	Allen Canal	Irrig.	1 07 29 33 23 Keya Paha	May	1 1894	503

Numbers in square capacity added by applicants

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

Source	Name of Applicant	Post Office	Character	Type of water applied	Priority Claim		Location of Diversion or Dam	Date of Priority		Div. App. No. No.
					Sec. 10	S. V. E.		Mo.	Yr.	
McLe Board Lake	Board of County Commissioners	Valentine	McLe Board Lake	Water			521 34 1777	Sept	15 1923	1726
Mineshaft Creek	Industrial Power Co.	Valentine	Power Milling Plant	Power	35 00 20	21 21	Cherry	Sept	12 1897	352
Minnerchaux Creek	City of Valentine	Valentine	Valentine Power Plant	Power	40 00 20	21 21	Cherry	Apr	15 1921	1279
Minneshaden Creek	Valley of Producers	Cookstown	Conservation Lake Reservoir	Resort	27 20 20	21 21	Cherry	Dec	13 1922	1568
Minneshaden Creek	Game Restoration and Park Commission	Langdon	Valentine Reservoir	Water	28 20 20	21 21	Cherry	July	15 1926	1578
Newman Cr.	Newman, Phil	Newman	Newman Canal	Irrig	77 17 32	21 21	Keays Falls	July	1 1888	817
Nebraska R.	Richardson, Wiley	Harrison	Light Sub Canal	Irrig	5 25	1 29	27 S. 20 R.	1887	1 1882	654
Nebraska R.	Neffs Milling Co.	Chatter	Farmer Canal No. 1	Irrig	2 20	5 25	26 S. 20 R.	May	1 1885	514
Nebraska R.	Lincoln, A.	North	Beaver Canal	Power	66 20 20	20 21	Keays Falls	May	1 1886	620
Nebraska R.	Clark, J. H.	Agate	McQuay Sucker Lower South Canal	Irrig	8 20	25 25	26 S. 20 R.	May	1 1887	513
Nebraska R.	Garman, H. H., et al.	Marshall	Phosor Canal	Irrig	7 11	26 25	25 S. 20 R.	Sept	1 1887	515
Nebraska R.	Hedger, S. H., et al.	Marshall	McQuay Sucker McQuay Sucker	Irrig	7 11	5 25	25 S. 20 R. Butte	May	1 1888	506
Nebraska R.	Clark, J. H.	Agate	McQuay Sucker Lower South Canal	Irrig	7 11	25 25	26 S. 20 R.	May	1 1888	510
Nebraska R.	Hedger, J. H.	Marshall	Phosor Canal	Irrig	7 11	28 20	26 S. 20 R.	May	31 1890	957
Nebraska R.	Coffey Coal Co.	Chatter	Farmer Canal No. 2	Irrig	2 21	5 25	26 S. 20 R.	May	15 1901	1115
Nebraska R.	Clark, J. H.	Agate	Clark Canal No. 1	Irrig	8 24	2 25	26 S. 20 R.	May	31 1891	959
Nebraska R.	Miller, D. H., et al.	Harrison	Wagon and Sucker Canal	Irrig	7 10	25 25	27 S. 20 R.	June	3 1890	101
Nebraska R.	Skidahl, George, et al.	Harrison	Wagon Sucker Canal	Irrig	8 17	2 25	26 S. 20 R.	July	1 1892	527
Nebraska R.	Furness, H. G., et al.	Marshall	Phosor Canal	Power	10 20	5 12	26 S. 20 R.	Sept	1 1901	1429
Nebraska R.	Red Mill Company	Marshall	Red Mill	Power	35 00	5 25	21 S. 20 R. Butte	Sept	9 1880	920

Nobara B.	Green, Frank T., Estate	Boulder, Colo.	Meredon Canal	Trunk	57 25 29 50	Dikes	Jan	10 1894	458
Nobara B.	Taylor, Geo. L., Estate	Nogard	Enterprise Canal	Trunk	5 21 27 29 50	Dikes	Jan	27 1891	461
Nobara B.	Pearson, Anson L. and Mary and Wife	Mary and	Fulman Canal	Trunk	8 03 29 29 50	Dikes	Feb.	2 1894	462
Nobara B.	Hughes, John	Mary and	Hughes Canal	Trunk	1 30 1 25 29	Box Bottom	Apr	12 1894	548
Nobara B.	Wynke, Henry	Harrison	Johson Canal	Trunk	2 46 29 11 50	Sticks	May	1 1891	551
Nobara B.	McManus, T. T., et al	Hemphill	McManus No. 1 Canal	Trunk	1 50 29 29 48	Dikes	June	15 1894	443
Nobara B.	McClary, B. J.	Carson	Monthly Canal	Trunk	8 27 29 37 29	Box Bottom	Aug	7 1894	543
Nobara B.	Frank, Chas	Janita	Frank Canal	Trunk	1 00 11 34 15	Rapid	Oct.	1 1891	555
Nobara B.	Wabon, J. A.	Springview	Wabon Canal	Trunk	5 21 29 32 29	Keys Bottom	Oct	18 1894	521
Nobara B.	Johnson, W. M.	Hemphill	Luehe Canal	Trunk	2 43 29 29 18	Dikes	Jan	21 1891	455
Nobara B.	Wynke, H., Estate	Harrison	Wynke Canal	Trunk	1 57 27 31 27	Sticks	Feb	13 1891	563
Nobara B.	Cook, J. M.	Agate	Mulberry Street Upper Canal	Trunk	2 50 29 29 56	Sticks	Feb.	25 1891	521
Nobara B.	Bornes, Caroline M.	Mandalay	5th St. Canal	Trunk	2 00 5 26 50	Dikes	Mar	12 1894	515
Nobara B.	Purman, H. O.	Mary and	Snow Canal	Trunk	7 40 29 29 29	Dikes	Mar	26 1894	445
Nobara B.	Hughes, John	Mary and	Excelsior Canal	Trunk	2 50 13 29 52	Box Bottom	May	25 1891	545
Nobara B.	Moore, John M.	Harrison	Beard Canal	Trunk	2 00 23 29 56	Sticks	June	5 1891	4
Nobara B.	Beard, John S.	Harrison	Beard South Canal	Trunk	1 26 29 29 50	Sticks	July	10 1891	69
Nobara B.	Huffay, Carlisle M.	Mary and	Carlisle Canal	Trunk	4 24 1 28 50	Sticks	July	2 1891	85
Nobara B.	Bond and Tresselt	Peters	Walker Canal	Trunk	1 29 12 29 15	Spand II	July	27 1891	85
Nobara B.	Thompson, Mrs. Ada C.	Atlanta	Moore Canal	Trunk	5 21 5 28 29	Sticks	July	22 1891	257
Nobara B.	Salton, George	Golden	Salton Canal	Trunk	4 90 4 28 50	Sticks	Apr	27 1894	418
Nobara B.	Neeland, Sarah J.	Hemphill	McManus No. 2 Canal	Trunk	1 07 29 29 19	Dikes	Apr	9 1891	452
Nobara B.	Aronstone, T. S.	Bottle	Aronstone Canal	Trunk	15 00 5 13 29	Rapid	May	14 1894	491
Nobara B.	Hunter, Geo. A.	Atlanta	Morphy Canal	Trunk	1 24 29 29 50	Dikes	May	27 1891	542
Nobara B.	Beard, John S.	Harrison	Hogren Canal	Trunk	1 00 29 29 50	Sticks	Mar	5 1891	516
Nobara B.	Richardson, Wiley	Harris	J. S. Richard Canal	Trunk	1 01 15 30 29	Sticks	Mar.	17 1891	516
Nobara B.	Montague, Mrs. Elizabeth	Delap	Montague Canal	Trunk	4 27 29 48	Dikes	Sept	27 1894	575
Nobara B.	Montague, Mrs. Elizabeth	Delap	Chautek Canal	Trunk	1 30 26 29 48	Dikes	Mar	18 1891	197
Nobara B.	Kendrick, B. A.	Delap	Kendrick Canal	Trunk	20 27 29 48	Dikes	June	1 1891	616
Nobara B.	Kendrick, B. A.	Delap	Kendrick Canal	Trunk	27 27 29 48	Dikes	June	1 1891	617

(Represents reservoir capacity claimed by applicant.)

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

Source	Name of Appropriator	Post Office	Farmer	Class of Right which applies	Priority		Location of Diversion or Dam	Date of Priority		Law No.	App No.			
					Sec. 11	11		Mo.	Day					
Nebriara R.	Interstate Power Co.	Dalhousie, Ia.	Valentine Canal	Power	1909	08	27	21	27	Cherry	Jan	29	1907	657
Nebriara River and Upper Pl.	Taylor, D. T.	Hay Springs	Taylor Canal	Irrig.	1897	05	28	27	17	Dawson	June	8	1904	756
Nebriara R.	Kirk, R. L.	Stacy City	Nebriara Power Company Plant	Power	1904	08	24	27	7	Knob	Sept.	24	1905	761
Nebriara R.	Kirk, R. L.	Stacy City	Nebriara Power Company Plant	Power	1907	06	24	22	7	Knob	Aug.	9	1910	1019
Nebriara R.	Martin, J. and E.	Harrison	Rever Canal	Irrig.	1897	04	29	10	28	Stark	Jan	20	1901	207
Nebriara R.	Martin, J. and E.	Harrison	Rever Canal Ext.	Irrig.	1897	03	29	10	28	Stark	Jan	22	1901	207
Nebriara R.	McIntosh, W. M.	Hemphill	Lytle Canal	Irrig.	1897	07	27	29	18	Dawson	Apr.	7	1911	1366
Nebriara R.	Decker, Charlie	Bushy Bl.	Frankie Canal	Irrig.	1897	10	28	13	23	Holston	Apr.	20	1911	1367
Nebriara R.	Montague, Mrs. Elizabeth	Dunlap	Lucille Canal	Irrig.	1897	07	27	20	48	Dawson	Apr.	20	1911	1368
Nebriara R.	Johnson, Charles H.	Hemphill	Lichte Canal	Irrig.	1897	07	29	08	28	Dawson	Jan	7	1902	1191
Nebriara R.	Wain, H. John	Harrison	Rever Canal No. 1	Irrig.	1897	04	29	10	28	Stark	Mar.	23	1912	1188
Nebriara R.	Wolfe, Harry M.	Rattle	Wells Pump	Irrig.	1897	04	12	27	29	Cherry	May	2	1912	1193
Nebriara R.	Boussett, John	Harrison	Boussett Canal No. 2	Irrig.	1897	05	29	30	56	Stark	July	19	1912	1209
Nebriara R.	Boyer, F. R. and C. T.	Hemphill	Stiffen Canal	Irrig.	1897	04	28	24	28	Stark	Nov.	18	1912	1248
Nebriara R.	Darwin, P. R. and C. T.	Hemphill	Bennett Canal	Irrig.	1897	04	18	24	24	Stark	Nov.	18	1912	1249
Nebriara R.	Rushnell, Fisher N.	Marshall	Gen. Mathew Canal	Irrig.	1897	08	25	52	56	Bray Rattle	Feb.	17	1915	1560
Nebriara R.	C. Lee Gatta, Ch.	Champion	Coffey Canal No. 1	Irrig.	1897	05	18	21	56	Stark	Mar.	14	1911	1332
Nebriara R.	C. K. Forest, Harvey	St. Paul	Martin Nursery Canal	Irrig.	1897	06	30	23	32	Cherry	June	25	1907	1148
Nebriara R.	Lawson, Fred H.	Marshall	Dawson Canal	Irrig.	1897	05	12	28	51	Stark	Apr.	27	1912	1262
Nebriara R.	Northern Nebraska Power Corporation	St. Paul, Minn.	Northern Nebraska Plant No. 1	Power	1898	09	20	27	11	St. Paul, Minn.	Oct.	20	1912	1272
Nebriara R.	Northern Nebraska Power Corporation	St. Paul, Minn.	Northern Nebraska Plant No. 1	Res. dam, A-1721						St. Paul, Minn.	Aug.	10	1925	1377
Nebriara R.	Northern Nebraska Power Corporation	St. Paul, Minn.	Northern Nebraska Plant No. 1	Res. dam, A-1722						St. Paul, Minn.	Aug.	29	1927	1385

Nobara B	Hagistree, W. D.	Apinew	Verdicht's Lower Canal	Power	32 32 7 35	Nov	31 1931	2148*
Nobara B	Griffith, Harry B.	Graham	Blacks Power Plant	Power	6 22 10	Boyd	11 1931	2269*
Nobara B	Smith, Geo. E.	Gordon	Metthen Canal East	Trig.	1 14 4 24 31	Stark	11 1931	2294
Nobara B	Kay, D. L.	Starbuck	Key Canal No. 2	Trig.	40 5 25 32	Stark	15 1931	2345
Nobara B	Lewis, W. H.	Starbuck	Key Power Plant	Power	6 22 10	Boyd	11 1931	2347*
Nobara B	Kay, D. L.	Starbuck	Key Canal	Trig.	2 14 1 28 34	Stark	18 1931	2350
Nobara B	Hughes, John P.	Starbuck	Excels. of Canal East	Trig.	1 34 10 25 32	Box, Butter	31 11 25 1932	2364
Nobara B	Montague, Mrs. Elizabeth	Dunlap	Montague Canal	Trig.	1 26 25 29 45	Dawes	31 31 1932	2366
Nobara B	Harris, Frank et al	Starbuck	Harris-Nease Canal No. 1	Trig.	7 17 3 28 55	Stark	11 1932	2375
Nobara B	Nellis, Chas.	Starbuck	Nellis Pump	Trig.	29 1 12 9	Boyd	31 24 1932	2379
Nobara B	Bushnell, E. Homer N.	Starbuck	Hitchcock Canal No. 2	Trig.	9 1 6 24 32	Box & Butter	11 24 1932	2379
Nobara B	Jenkins, Wm. M.	Hemphill	Lichte Canal, East	Trig.	2 25 27 25 35	Dawes	Mar 2 1932	2328
Nobara B	Johnston, J. N.	Gordon	Schubert's Canals	Trig.	39 21 31 42	Sherridan	Aug 5 1932	2332
Nobara B	Tomson, J. H.	Hemphill	Tomson Canal	Trig.	6 26 30 35 48	Dawes	Nov 29 1932	2366
Nobara B	Nissen, Fred J.	Hay Springs	Nissen Pump	Trig.	1 54 33 39 46	Sherridan	Dec 5 1932	2375
Nobara B	Waltman, Earl	Gordon	Waltman Pump	Trig.	31 37 31 41	Sherridan	Apr 25 1933	2324
Nobara B	Ruthers, Harry J.	Hemphill	Kelly's Pump	Trig.	9 3 37 31 41	Sherridan	May 6 1932	2325
Nobara B	Horn, Carl S. et al	Hay Springs	Kilgus Canal	Trig.	26 29 45	Dawes	Jan 23 1933	2343*
Nobara B	Edin, Carl S.	Hay Springs	Storage Res. No. 1	Trig.	31 28 40	Dawes	Mar 6 1933	2343*
Nobara B	Edin, Carl S.	Hay Springs	Storage Res. No. 2	Trig.	30 29 40	Sherridan	Mar 4 1933	2343*
Nobara B			Storage Res. No. 3	Trig.	8 28 15	Sherridan		
Nobara B	Lichte, Hugo	Gordon	Montague Canal	Trig.	25 27 28 48	Dawes	June 14 1933	2354
Nobara B	Roberts, Chas. G.	Hemphill	Lichte Canal	Trig.	1 48 27 28 48	Dawes	Feb 11 1933	2353
Nobara B	Roberts, Chas. G.	Hemphill	Roberts Pump	Trig.	1 41 26 28 48	Dawes	Feb 11 1933	2353
Blue Creek	Goldesser, Lewis	Hemphill	Blue Creek Main	Power	32 16 30 30 51	Sherridan	July 5 1933	2371
Blue Creek	Blue Creek Irrig. Co.	Johnston	Johnston Canal	Trig.	26 60 4 28 24	Boyd	Dec 1 1931	2145
Blue Creek	Wilbert, R.	Albionville	Wilbert Canal	Trig.	43 37 4 21	Boyd	May 7 1931	2155
Blue Creek	Enterprise Ditch Co.	Dunlap, Ia.	Blue Creek Canal	Power	134 10 32 32 32	Boyd	May 27 1931	2167
Blue Creek	Roberts and Wells	Gordon	Blue Creek Canal	Trig.	37 15 37 16	Chapman	1 1932	2179
Prouty Springs	Prouty, H. B.	Starbuck	Prouty Canal	Trig.	1 45 5 42 11	H. B.	June 1 1931	2193

*Allotted to irrigation.

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

Source	Name of Applicant	Post office	Canal	Date to which applied	Priority		Date of Priority	No. of	App.
					Filed	Location of			
					Sec. 11	to T. R. Course	Mo.	of	to
					Grand	Traverse on	Year	Acres	Acres
Hickman Creek	Byrnes, M. W.	Texarkana	Byrnes Canal	1896	1 30 22 27 30 30 31 32 33 34	1896	May	29 1891	562
Rock Creek	Stanton, B. J.	Carroll	Nativity Canal	1896	36 37 38 39 40	1896	Jan.	17 1895	398
Rock Creek	Wife, H.	Marionville	Wife Canal	1896	86 87 88 89	1896	Apr.	2 1865	297
Rock Creek	Dugger Brothers	Russell	Dugger Canal	1896	4 57 58 59 60	1896	Aug.	24 1914	1322
Rock Creek	Van Kester, J.	Springtown	Van Kester Canal	1896	367 368 369 370	1896	Jan.	4 1883	619
Rock Springs Creek	Chambers, Albert B.	Keokuk	Moore Canal	1896	1 42 43 44 45 46 47 48 49 50	1896	Jan.	26 1877	533
Sand Creek	Brantley, Charles M.	Newport	Brantley Canal	1896	92 93 94 95 96 97	1896	July	15 1889	2112
Sand Creek	Brantley, Lucy F.	Leitch	Brantley Canal	1896	87 88 89 90 91 92	1896	Dec.	15 1893	2499
Sand Branch	Lambert, J.	Spencer	Lambert Canal	1896	14 30 31 32 33 34	1896	July	6 1887	322
Snake Bluff	Western Water Power and Traction Co.	Academy	Snake Bl. Plant No. 1	1896	3 11 12	1896	Jan.	26 1892	262*
Sand Creek	Proctor, W. S.	Springtown	Proctor Canal	1896	94 95 96 97	1896	May	1 1894	607
Spring Springs	Spencer, Frank I.	Red Hill	Spencer Canal No. 1	1896	23 24 25 26	1896	Apr.	8 1887	2628
Spring Creek	Koskin, A. K.	Sparks	Koskin Canal	1896	69 70 71 72	1896	Mar.	2 1894	155
Spring Creek	Baker, H. H.	Mills	Baker Spring Live Dam	1896	126 127 128 129	1896	May	14 1934	237
Spring Creek	Spencer, Frank J.	Red Hill	Spencer Canal	1896	29 30 31 32 33	1896	Feb.	25 1883	2129
Stream, No. Name	Grant, C. H.	Leitch	Grant Canal	1896	34 35 36 37 38	1896	Jan.	1 1895	436
Stream, No. Name	Gardner, C. B.	Newton	Gardner Canal	1896	70 71 72 73	1896	Sept.	16 1887	715
Turkey Creek	LaRue, Chas.	Newton	LaRue Canal No. 1	1896	41 42 43 44 45	1896	Feb.	2 1894	529

Turkey Creek	Conner, Arno	Needon	Lodge Canal No. 2	Irreg.	2 00 35 30 23	Keya Paha	May	11 1894	74
Turkey Creek	Stuart, Wayne	Springdale	Springdale	Irreg.	62 23 35 23	Keya Paha	June	11 1894	218
Turkey Creek	Hamm, Fred	Springdale	Lodge Canal	Irreg.	05 13 35 23	Keya Paha	Aug.	7 1894	2457
Turkey Creek	Bates, Harry M.	Medora, Ia.	Edna River Pump	Irreg.	07 30 35 23	Keya Paha	Oct.	29 1891	2489
Turkey Creek Stream tributary to	Co.H. Johnson and Co.	Medora, Ia.	Johnson Pump	Irreg.	01 02 35 23	Keya Paha	Apr.	20 1891	2543
Verdigris Cr.	Hunsler, J. W.	Empireburg, Iowa	Dredger Canal	Irreg.	2 58 30 25	St. Anthony	Aug.	11 1894	216
Whistle Creek	Quinn, Frank	Marshall	Thompson Canal	Irreg.	56 13 28 50	St. Anthony	June	6 1895	85
Whistle Creek	Dawson, Edw.	Marshall	Whistle Creek Canal	Irreg.	1 00 32 28 50	St. Anthony	June	28 1895	58
Woolle Springs	Woods, John	Red Bird	Woods Canal	Irreg.	31 5 32 30 11 00		July	28 1891	2440
Wyman Creek	McCully, B. A.	Conroy	McCully Canal	Irreg.	50 20 32 19	Keya Paha	June	6 1891	601
Wyman Creek	Horton, J.	Conroy	Horton Canal	Irreg.	24 17 32 19	Keya Paha	June	21 1891	587
Young Creek	Lamb, A. J.	Spencer	Harvey Lamb Canal	Irreg.	21 02 30 17	St. Anthony	June	19 1896	271

*Application pending.

†Represents acreage actually irrigated by applicant.

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

Stream	Name of Appropriator	Post Office	Carrier	Use to which applied	Priority		Date of Priority	App. No.
					Total Grant in	Location of Diversion or Dam		
Ash Creek	Harriet W. H.	Whitney	Lincoln Canal	Irrig.	63	0 22 50 Down	June 17 1898	479
Ash Creek	Cripps, Fred W.	Whitney	Cripps Canal	Irrig.	1 14	11 30 50 Down	June 26 1898	733
Ash Creek	Howard W. C.	Whitney	Cripps Canal	Irrig.	37	13 42 51 Down	Aug. 27 1898	875
Ash Creek	Cripps, Fred W.	Whitney	Cripps Reservoir	Irrig.	90&P	12 32 51 Down	Sept. 28 1901	2481
Ash Cr. East	Cripps, Fred W.	Whitney	Cripps Pump	Irrig.		12 32 51 Down	Sept. 28 1904	3571
Ash Cr. East	Thomas, H. B., Editor	Crawford	Ox Yoke (Dardant Canal)	Irrig.	1 30	20 32 50 Down	May 31 1891	1476
Ash Cr. East	John Myrtle Co., and Stumph, John E.	Crawford Whitney	Stumph Canal	Irrig.	1 00	31 32 50 Down	May 31 1884	4471
Ash Cr. East	Springer, Lewis Edgar et al	Chickson	Yarnes Canal	Irrig.	1 11	0 32 50 Down	July 1 1888	4988
Ash Cr. East	Holding Brothers	Aracoma, Cal	Stumph Canal	Irrig.	20	31 32 50 Down	Sept. 5 1892	19221
Ash Cr. East	Lyons, Orydie R.	Crawford	Shibley Canal	Irrig.	1 47	20 32 50 Down	Jan. 29 1899	453
Ash Cr. East	Vetter, Arthur	Crawford	Todd Canal	Irrig.	30	5 32 50 Down	Sept. 12 1899	523
Ash Cr. East	Norman, Henry	Whitney	Norman-Sutton Canal	Irrig.	116&P	32 27 30 Down	Apr. 22 1907	1953
Ash Cr. East	Norman, Henry	Whitney	Harper Canal	Irrig.		8 32 30 Down	Aug. 21 1907	2179
Ash Cr. East	Springer, Lewis Edgar et al	Chickson	Harper Canal, East	Irrig.	78	42 32 30 Down	Aug. 10 1908	2104
Ash Cr. East	Thomas, Geo. S.	Whitney	Thomas Canal	Irrig.	1 00	15 32 50 Down	Dec. 11 1904	2107
Ash Cr. East	Seeger, Chas.	Whitney	Seeger Power Plant	Power	8 00	8 31 50 Down	May 5 1909	2146
Ash Cr. East	Stumph, John E.	Whitney	Ox Yoke Stumph Canal	Irrig.		11 32 50 Down	June 8 1911	22629
Ash Cr. West	Yetter, Andrew	Crawford	Miller Canal	Irrig.	1 00	2 31 50 Down	July 31 1891	474
Ash Cr. West	Lyons, Orydie R. et al	Crawford	West Ash Cr. Canal	Irrig.	1 02	16 32 51 Down	July 8 1898	152
Ash Cr. West	Lyons, Orydie R.	Crawford	W&P West Ash Cr. Canal	Irrig.	57	10 32 51 Down	June 3 1898	491
Beaver Creek	Bradlock, Mrs. Wm	Chickson	Bradlock Canal	Irrig.	30	38 31 16's border	Apr. 27 1895	423
Beaver Creek	Bradlock, J. F.	Chickson	Bradlock Canal	Irrig.	30	1 31 37 Down	Apr. 18 1895	574
Beaver Creek	Bradlock, Mrs. Wm	Chickson	Leakier Canal	Irrig.	1 59	34 35 40 Down	Sept. 12 1892	1927

Beaver Creek	Bradlock, J. F.	Chadron	Bradlock Canal	Irrig.	.64	1 34 47	Dawes	May	24 1897	468
Beaver Creek	U. B. Bank and Fidelity Company	Chadron	Chick Canal	Irrig.	.36	4 33 46	Sheffield	June	19 1899	518
Beaver Creek	Riekman, A. W.	Chadron	Rockman Canal	Irrig.	1.00	5 33 45	Sheffield	July	2 1902	581
Beaver Creek	Bradlock, Julia A.	Chadron	Bradlock Canal East	Irrig.	.39	29 31 40	Sheffield	Sept.	19 1905	2042
Beaver Creek	Bradlock, Julia A.	Chadron	Leviter Canal	Irrig.	.49	28 35 40	Dawes	Sept.	19 1906	2124
Beaver Creek	Talawa, Frank L.	Hay Springs	Talawa Pond	Fish	4.44	4 32 44	Sheffield	May	22 1900	2241
Burdoux, Big	Lozier, T. E.	Chadron	Lozier Canal	Irrig.	.07	17 32 45	Dawes	June	20 1896	491
Burdoux, Big	Naylor, Charles	Chadron	Agass Canal	Irrig.	.25	21 25 45	Dawes	Dec.	31 1892	875
Burdoux, Big	Adams, S. L.	Chadron	Adams Canal	Irrig.	.14	2 32 44	Dawes	Mar.	5 1893	450
Burdoux, Big	County of Dawes	Chadron	Dawes County Canal	Irrig.	14 79 33	48	Dawes	July	31 1893	953
Burdoux, Big	O'Donnell, Pat	Chadron	O'Donnell Canal	Irrig.	.14	9 34 45	Dawes	Jan.	17 1895	402
Burdoux, Big	Steyer, Henry J.	Adrian	Chick Reservoir	Irrig.	.51	14 32 48	Dawes	Feb.	27 1905	760
Burdoux, Big	Thomas Brothers	Chadron	Thomas Canal	Irrig.	2.18	24 34 48	Dawes	Sept.	12 1924	1749
Burdoux, Big	O'Donnell, Pat	Chadron	O'Donnell Canal Ext	Irrig.	.03	9 34 45	Dawes	Sept.	22 1905	1236
Burdoux, Big	Kelsa, S. M.	Chadron	Bel Isle Lake	Fish	15.47	23 33 45	Dawes	June	13 1901	2154
Burdoux, Big	Kelsa, S. M.	Chadron	Kelsa Pump	Irrig.	.10	14 33 49	Dawes	July	24 1900	2251
Burdoux, Big	Nelson, P. H.	Chadron	Kelsa Pump No. 1	Irrig.	.14	14 33 48	Dawes	Aug.	11 1902	2279
Burdoux, Big	Buss, Vernon	Chadron	Kelsa Pump No. 2	Irrig.	.02	14 33 48	Dawes	July	5 1903	2275
Burdoux, Big	Peterson, Margaret T.	Chadron	Peterson Pump	Irrig.	.05	21 33 48	Dawes	May	31 1924	2392
Burdoux, Big	Guthmann, Chris H.	Chadron	Guthmann Canal	Irrig.	.17	14 33 48	Dawes	July	11 1904	2420
Burdoux, Big	Buss, Vernon	Chadron	Kelsa Pump No. 3	Irrig.	.14	14 33 48	Dawes	Aug.	6 1904	2456
Burdoux, Big	Morgan, Paul A.	Chadron	Martens Pump	Irrig.	.21	16 31 48	Dawes	Nov.	16 1917	2901
Burdoux, Little	Schmidt, Elmer	Chadron	Hartell Canal	Irrig.	.57	13 33 45	Dawes	June	11 1893	449
Burdoux, Little	Whitell, Mrs. Sarah	Chadron	Butler Canal	Irrig.	.11	33 23 47	Dawes	June	1 1894	463
Burdoux, Little	Brady, C. H.	Chadron	Brady Canal	Irrig.	.30	23 47	Dawes	July	11 1895	519
Burdoux, Little	Urbie, Howard A.	Chadron	Urbie Pump	Irrig.	.02	4 32 47	Dawes	July	25 1921	7374
Chadron Creek	City of Chadron	Chadron	Chadron Water Works	Dam	1.00	15 22 48	Dawes	Dec.	31 1884	3022
Chadron Creek	Govt. Canal	Chadron	Govt Canal	Irrig.	.09	15 22 47	Dawes	Dec.	31 1890	426
Chadron Creek	Wilson, H. M.	Chadron	Tom Wilson Canal	Irrig.	.20	12 32 49	Dawes	July	12 1893	454
Chadron Creek	City of Chadron	Chadron	Chadron Water Works	Dam	4.50	16 22 45	Dawes	Apr.	5 1920	2543
Chadron Creek	State Park Board	Chadron	Chadron State Park Supply Canal	Resort	7.00	16 22 45	Dawes	Apr.	17 1926	2907

*Application pending or slips not adjudicated.
 (Represents excess capacity claimed by applicant)
 (R) Denotes reclamation

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

Source	Name of Appropriator	Post Office	Canal	Use to which applied	Flows		Location of Diversion or Dam	Date of Priority	Div. No.	App. No.		
					Con. Grant or	Country						
					Sec. R.	T. R.	Country	Mo.	Day	Yr.		
Cottonwood, La	Golden, T. F., Estate	Crawford	Thomas Stuart Canal	Irrig	26	S 17 51	Dawes	July	21	1899	425	
Cottonwood, La	Peter, J. A. B., and Golden, T. F., Estate	Crawford	Stuart Bore Canal	Irrig	2 56	18 32 52	Dawes	June	16	1893		7
Cottonwood, La	Allen, Wm. J., Estate	Whitson	Hugh Canal	Irrig	1 42	2 37 52	Dawes	Jan	14	1902		645
Cottonwood, La	Knudson, N. H. B.	Crawford	Stuart Maple Canal	Irrig	75	1 32 52	Dawes	Mar	10	1892		626
Cottonwood, La	Kusel, William, T.	Chadron	Kusel-Spearman Canal	Irrig	21	8 32 51	Dawes	June	3	1902		677
Cottonwood, La	Lawrence, Fay	Crawford	Broadhurst Canal	Irrig	3 29	2 32 51	Dawes	Feb.	25	1929		1261
Cottonwood, La	Dahl and McDowell	Crawford	Dahl-McDowell Box	Irrig	1495AF	13 37 52 81	sec	Apr	16	1912		1575
Cottonwood, La	Dahl, Calvin H.	Crawford	Dahl-McDowell Canal	Irrig		12 32 52	Dawes	Apr	15	1912		1577
Cottonwood, La	Simons, Ranger	Crawford	Simons Canal	Irrig	17	8 32 51	Dawes	Feb.	12	1924		2667
Cottonwood, La	Whitney Irrig. Dist.	Crawford	Stanton Supply Canal	Suppl. A 1893	1095AF	2 32 51	Dawes	Aug	31	1925		2667
			Hunt Supply Canal	Suppl. A 1903	1700AF	7 37 51						
Coff Chayon	Sanders, Warren	Chadron	Sanders Canal	Irrig	67	1 31 49	Dawes	Nov	5	1892		2292
Dead Horse Cr	Whitell, John W.	Chadron	Kennedy Canal	Irrig	64	37 33 49	Dawes	Sept	1	1898		433
Dead Horse Cr	Woodruff, F. B. and E. P.	Chadron	Flag Butte Canal	Irrig	64	32 12 49	Dawes	Apr.	16	1893		427
Dead Horse Cr	Goson, H. A.	Chadron	Geyer Canal	Irrig	16	17 33 49	Dawes	Mar	28	1900		635
Dead Horse Cr	White, Chas. M., et al.	Chadron	Slattery Canal	Irrig	1 29	31 33 47	Dawes	Apr	1	1904		249
Dead Horse Cr	White, C. M.	Chadron	Slattery Canal Ext.	Irrig	55	32 13 47	Dawes	June	16	1925		2621
Dead Horse Cr, Springs, tributary to	Goff, Wm. R.	Chadron	Goff Canal	Irrig	15	37 32 45	Dawes	Apr	2	1891		443
Deep Creek	Holberg, Elmer	Crawford	Deep Creek Canal	Irrig	66	2 37 52	St Louis	May	1	1897		525
Deep Creek	Holberg, Elmer	Crawford	Holberg Supply Canal	Irrig	11,500AF	1 30 52	St Louis	July	19	1913		2931

Deep Creek	Holberg, Ethel	Crawford	Deep Creek Canal	Trick	22 9 30 50 Dikes	July	19 1933	285
Dry Canyon	Holton, Wm. A.	Crawford	Holton Canal	Trick	1 00 31 30 50 Dikes	Mar.	22 1917	142
Hay Creek (See White R.)	Whitney Trlg. Dist.	Crawford	Palmer Reservoir	Suppl. A-1923	250 AF 15 30 50 Dikes	Aug.	11 1936	265
			Stewart Reservoir	Suppl. A-1923	700 AF 15 30 50			
			Halwan Reservoir	Suppl. A-1923	340 AF 15 30 50			
Dry Draw	Kramer, Geo. A.	Chadron	Green Canal	Trick	3 11 22 30 49 Dikes	Dec.	20 1911	1051
Dry Draw (Health Res.)	Gage, Wm. A.	Crawford	Health Reservoir	Trick	200 AF 22 30 50 Dikes	Feb.	7 1917	1475
	Health, W. E.	Crawford	Health Canal	Trick	12 31 30 50	Feb.	7 1917	1412
Dry Run	Campbell, E. J.	Chadron	Campbell Canal	Trick	1 14 22 30 49 Dikes	Nov.	9 1914	515
Dry Run	Gunn, Wm.	Whitney	Gunn Canal	Trick	1 30 35 30 50 Dikes	Apr.	13 1914	1345
Dry Run	Hartman and Weston	Whitney	Hartman Weston Canal	Trick	2 16 31 30 51 Dikes	Mar.	17 1911	1261
English Creek	McDowell, Mrs. Effie	Crawford	McDowell Storage System	Trick	57 12 31 32 Dikes	Oct.	24 1914	772
English Creek	McDowell, Mrs. Effie	Crawford	McDowell Div. No. 3	Fish	12 AF 2 31 32 Dikes	Jan.	27 1915	244
			McDowell Div. No. 4	Fish	10 AF 22 31 32			
Flood Waters Flood Waters	Leland, Delia	Crawford	Leland Reservoir	Trick	60 AF 25 30 42 Dikes	Apr.	16 1913	1274
	Arner, Jesse E.	Crawford	Arner Canal	Trick	11 21 31 33 Dikes	May	7 1913	1249
Hooker Creek	Baunrechs, Lena	Crawford	Hansen Le Canal	Trick	1 04 7 31 31 Dikes	Dec.	18 1919	492
Hooker Creek	Seidman, Sternlicht	Aurora	Aurora Canal	Trick	1 21 31 32 50 Dikes	Nov.	17 1920	545
Hooker Creek	Southern Mill Co.	Lincoln	Southern Lake	Trick	1 43 20 32 51 Dikes	Sept.	25 1919	915
Indian Creek	Reefers, Oscar S.	Chadron	Reefers Canal	Trick	63 2 11 31 Dikes	Nov.	4 1919	4501
Indian Creek	Reefers, Oscar S.	Chadron	Reefers Canal	Trick	56 3 30 50 Dikes	Nov.	29 1919	3509
Indian Creek	Norman, Harry	Whitney	Norman Canal	Trick	1 30 10 31 50 Dikes	Aug.	3 1922	1614
Indian Creek	Norman, Harry	Whitney	Bluff Canal	Trick	77 16 32 50 Dikes	Jan.	17 1923	1704
Indian Creek (Reefers Box)	Reefers, Oscar S.	Chadron	Reefers Reservoir	Trick	60 AF 2 31 50 Dikes	Nov.	22 1926	1522
Indian Creek	Reefers, Oscar S.	Chadron	Reefers Canal	Trick	3 31 50 Dikes	Nov.	20 1926	1523
Indian Creek	Norman, Kaiser H.	Whitney	Norman Canal	Trick	1 25 26 32 57 Dikes	Aug.	18 1927	1912

Diagrams reservoir capacity alleged by applicant.

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

Source	Name of Appropriator	Post Office	Canal	Law to which applied	Provis- ional Grant in		Location of Inversion or Dam		Date of Priority		App No.	App No.
					Sec. 16	3, 7, 8	County	Mo.	D. Yr.			
Indian Creek (See East Ash Creek)	Norman, Harry	Whitney	Norfolk Supply Canal	Irrig.				Dawes	Aug.	21 1907		4953
Indian Creek	Benfro, George S.	Chadron	Forest Canal	Irrig.	30 31	32 33	Dawes		July	16 1931		2216
Indian Creek Tributary to	Econom Brothers	Whitney	Honold Wilson Canal	Irrig.	37	38 39	Dawes		May	25 1922		1179
Lafayette Cr.	Sawyer, C. O.	Brushy Cr.	Lafayette Canal	Irrig.	1 12	13 14	Stanton		Apr.	14 1931		137
Madden Cr. and North Creek	Waninger, C. H.	Chadron	Horn	Irrig.	57 58	59 60	Dawes		Oct.	13 1914		771
Missouri Cr.	Sauke, Wm. H.	Chadron	Marysville Branch	Irrig.	14 15	16 17	Dawes		July	23 1930		2149
Patton Creek	Greenwood, Claude D.	White Clay	Greenwood Pump	Irrig.	105 12	13 14	Stanton		Mar.	14 1925		545
Rush Creek	Bradt, O. H. T.	Chadron	Bradt Canal	Irrig.	30 31	32 33	Dawes		May	4 1910		716
Sand Creek	Kerrison, George and Arner, Frank E.	Crawford	Centre Canal	Irrig.	57 58	59 60	Dawes		Nov.	15 1937		189
Sand Creek	Kerrison, George and Arner, Frank E.	Crawford	Becker Canal Ext.	Irrig.	53 55	56 57 58			May	27 1922		1029
Saw Log, East	Yard, Chas. A.	Crawford	Stephens Canal	Irrig.	31 32	33 34	Dawes		Sept.	5 1907		810
Saw Log, East	Haker, A. D.	Crawford	Baker Canal	Irrig.	44	45 46	Dawes		Jan.	7 1905		834
Saw Log, E. Br.	Van Trunk, D. H.	Crawford	Van Trunk Canal	Irrig.	37	38 39	Dawes		May	6 1911		1058
Saw Log, Little (See White Clay Cr.)	Stewart, H. E.	Crawford	Little Saw Log Canal	Irrig.	71 72	73 74	Dawes		Jan.	21 1907		819

Shannon Draw (Harris Res.)	Dodd, Clara A. Dodd, Clara A.	Crawford Crawford	Harris Reservoir Harris Reservoir Canal	Irrig. Irrig.	17&P 21 38 52 Dowers 22 31 52 Dowers	Sept. 29 1922 Sept. 25 1922	1699 1996
Sheridan Cr.	Gitchell, G. F.	Pine Ridge S. D.	Gitchell Canal	Irrig.	07 21 31 45 Sheridan	Aug. 1 1894	415
Soldier Creek	Rodgers, J. J.	Crawford	Rodgers Canal	Irrig.	14 5 21 58 Sioux	Apr. 30 1888	540
Spring Branch (Tucker Cr.)	Cutter, Jennie B.	Harrison	Tucker Canal	Irrig.	17 34 31 54 Sioux	June 1 1893	567
Spring Creek	Bentha, Peter T.	Chadron	Bentha Canal	Irrig.	4 10 11 31 49 Dowers	Sept. 12 1924	1219
Spring Creek	Swainbank, Sam. et al	Crawford	Master Canal	Irrig.	1 14 13 32 52 Dowers	May 1 1885	1014
Spring Creek	Kusel, William T.	Chadron	Master Canal No. 2	Irrig.	41 5 27 51 Dowers	May 29 1920	561
Spring Creek	Forbes, J. D.	Crawford	Forbes Canal No. 1	Irrig.	43 20 31 52 Dowers	Apr. 26 1912	603
Spring Creek	Finney, H. G.	Crawford	Snow Creek Canal	Irrig.	40 19 32 52 Dowers	May 30 1891	406
Spring Creek	Lawrence, Jay E.	Crawford	Spring Cr. Canal No. 1	Irrig.	2 00 31 30 52 Dowers	Dec. 1 1894	473
Spring Creek	Lawrence, Jay E.	Crawford	Spring Creek Canal	C. D.	11-473 7 34 31 Dowers	Dec. 1 1894	2078
Squaw Creek	Hall, LeRoy & Frank	Crawford	Cuoper Canal	Irrig.	2 28 36 37 52 Dowers	May 4 1886	332
Squaw Creek	McDowell, Mrs. Effie	Crawford	Squaw Cr. Reservoir	Irrig.	100&F 12 31 52 Dowers	Oct. 1 1921	1232
Squaw Creek Reservoir	McDowell, Mrs. Effie	Crawford	Squaw Creek Canal	Irrig.	12 31 52 Dowers	Oct. 1 1921	1432
Squaw Creek	McDowell, Mrs. Effie	Crawford	Reservoir No. 4	Fish	14&F 12 31 52 Dowers	Nov. 12 1931	2249
Trink Butte Cr.	Smek, M.	Whitney	Smek Canal	Irrig.	07 28 37 50 Dowers	June 25 1895	425
Trink Butte Cr.	Chaok, John J.	Chadron	Chaok Canal	Irrig.	2 00 25 35 50 Dowers	Mar. 11 1925	1406
White Clay Cr.	Pine Ridge Agency	Pine Ridge S. D.	Pine Ridge Canal	Irrig.	35 15 Sheridan		419*
White Clay Cr.	Townsend, Chas	White Clay	Townsend Canal	Irrig.	30 28 34 45 Sheridan	Jan. 21 1911	3054
White Clay Cr.	North, A. C.	Rushville	North Pump	Irrig.	35 36 30 45 Sheridan	Mar. 24 1914	2269
White Clay Cr.	Tandy, A. S.	Crawford	McFarland Cut. C	Irrig.	1 54 35 37 52 Dowers	May 15 1881	961
White Clay Cr. (See White R.)	White River Irrig. Co.	Crawford	White River Canal	Irrig.	1 05 34 32 52 Dowers	Dec. 31 1904	477

*Claims not adjudicated.

(Reservoirs reserved capacity allotted by applicant.)

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Project		Date of Priority	Law No.	App. No.
					Sec. II	Location of Diversion or Dam			
					Acres	County	Mo.	Yr.	
White Clay Cr.	Hall, LeRoy & Frank	Crawford	Copper Canal	Irrig.	3.66	23 30 22 Dawes	June	22 1892	42
White Clay Cr.	McDowell, Edw.	Crawford	Copper Canal	Irrig.	.05	23 30 22 Dawes	June	22 1892	423
White Clay Cr. (See A-2442)	Johnson, A. F.	Crawford	Rincker Canal	Irrig.	57.11	31 32 22 Dawes	June	8 1901	628
White Clay Cr.	Hutzel, John C.	Crawford	Hutzel Canal	Irrig.	.57	23 30 22 Dawes	Apr.	30 1903	701
White Clay Cr. (See Saw Log)	Stewart, H. E.	Crawford	Little Saw Log Canal	Irrig.		22 30 22 Dawes	Jan.	20 1907	849
White Clay Cr.	Johnson, A. F.	Crawford	Handschuge, Lake	Supply	15.037	31 32 22 Dawes	Dec.	17 1915	1441
White Clay Cr.	McDowell, Edw. C.	Crawford	Copper Supply Canal	Wash.	18.827	23 30 22 Dawes	Jan.	20 1909	262
White River	Hahn, P. L.	Crawford	Hahn Mill	Power	24.81	34 32 22 Dawes	Sept.	1 1885	475
White River	City of Crawford	Crawford	CRAWFORD WATER SYSTEM	Dom.	5.07	26 31 22 Dawes	Oct.	1 1892	1075
White River	Hinney, H. G., et al	Crawford	Harris-Copper Canal	Irrig.	23.11	26 31 22 Dawes	Mar.	9 1894	406
White River	Hinney, H. G., et al	Crawford	Harris-Copper Canal	Irrig.	1.53	26 31 22 Dawes	June	15 1894	461
White River	Forbes, Wm. T.	Crawford	Rosher Canal	Irrig.	1.34	29 32 22 Dawes	June	15 1894	412
White River (See White Clay Creek)	White River Irrig. Co	Crawford	White River Canal	Irrig.	8.73	24 32 22 Dawes	Nov.	30 1894	477
White River	Hall, T. W. Company	Crawford	Hall Canal No. 2	Irrig.	22.80	34 32 22 Dawes	Jan.	3 1895	478
White River	H. B. & Q. B. H. Co.	Lincoln	H. B. & Q. Canal at Crawford	Dam	40	23 31 22 Dawes	Sept.	24 1895	1030
White River	Barthel, A. M.	Chadron	Laney Canal	Irrig.	.71	25 31 18 Dawes	May	21 1897	361
White River	Karber, Jeanette, et al.	Crawford	Rosher Canal	Irrig.	59.18	32 31 22 Dawes	May	23 1898	416
White River	Forbes, Wm. T.	Crawford	Rosher Canal	Irrig.	1.43	29 32 22 Dawes	Jan.	15 1898	525
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	52.24	31 22 18 Dawes	June	15 1898	724
White River	Schwabe, August	Chadron	Schwabe Power Canal	Power	5.00	24 31 22 Dawes	June	15 1898	710
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	26.24	31 22 18 Dawes	Mar.	17 1898	813
White River	White River Irrig. Co.	Crawford	White River Canal South Branch	Irrig.	1.43	25 31 22 Dawes	Mar.	12 1898	936
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	3.43	31 31 18 Dawes	July	23 1898	949

White River	Pinney and Donald	Crawford	Harris-Croper Supply Canal	Irrig.	10042 26 32 52 Daves	Aug. 16 1921	1122
(Pinney Denis & Benson)	Pinney, Ralph B.	Crawford	Pinney-Benson Canal No. 2	Irrig.	17 22 51 Daves	Aug. 16 1921	1249
White River	Bocher, Wm. T.	Crawford	Bocher-Bocher Canal	Irrig.	50 29 30 51 Daves	Sept. 26 1921	1128
White River	Whitney Irrig. Dist.	Whitney	Whitney Res. Canal	Irrig.	10,000 A 26 32 52 Daves	Apr. 25 1921	1669
(Whitney Res.)	Whitney Irrig. Dist.	Whitney	Whitney Pipe Line	Suppl.	A 1825 4 22 51 Daves 11 23 51 25 23 51	Apr. 25 1921	1787
White River	Northan, Wm.	Crawford	Whitney Pipe Line	Irrig.	3,00 74 27 52 Daves	May 1 1921	1104
White River (See A-1287)	Whitney Irrig. Dist.	Whitney	Whitney Pipe Line	Irrig.	25 00 26 32 52 Daves	Nov. 7 1921	11675
White River	Simons, Homer	Crawford	Whitney Pipe Line	Irrig.	2 07 26 32 52 Daves	Nov. 15 1921	1628
White River	Northan, Wm.	Crawford	Whitney Pipe Line	Irrig.	41 26 32 52 Daves	Apr. 26 1922	1620
White River	Northwest Electrical Service	Chandler	Hagenian Canal	Irrig.	1 14 26 32 52 Daves	Oct. 18 1923	2040
White River	City of Crawford	Crawford	Crawford Back Pump	Irrig.	52 3 31 52 Daves	Mar. 12 1929	2075
White River	Bartlett, Alfred P.	Chadron	Bartlett Canal	Irrig.	30 29 31 48 Daves	Sept. 4 1922	2285
White River	Robley, A. L.	Crawford	Robley Pump	Irrig.	60 3 31 52 Daves	May 16 1934	2301
White River (See Dry Cr.)	Whitney Irrig. Dist.	Crawford	Spawnt-Bathwaite Reservoir	Suppl.	A-1603 26 32 52 Daves	Apr. 17 1936	2309
White River	Village of Whitney	Whitney	Whitney Water Supply	Dr. In.	2 60 1 32 51 Daves	Aug. 25 1936	2627

*Represents reservoir capacity altered by applicant.

"N" denotes relocation.

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

Source	Name of Appropriator	Post Office	Canal	Use to which applied	Provisional Grant In	Location of Diversion or Dam		Date of Priority		App. No.
						Sec. 36.	S. T. R. County	Mo.	D. Yr.	
Antelope Creek.	Gayhart, M. J.	Harrison	Gayhart Canal.	Irrig.	2.41	16 34 57	Stoux	June	16, 1904	160
Antelope Creek, North Branch	Story, Amy E. et al.	Story	Story Canal.	Irrig.	2.06	8 24 56	Stoux	Nov.	11, 1895	308
Antelope Creek, North Branch	Story, Amy E. et al.	Story	Story Canal.	Irrig.	5.71	9 24 56	Stoux	Mar.	26, 1915	1509
Antelope Creek, North Branch	S. Smith, Albert	Harrison	Grammercy Dam	Irrig.	2.21	13 24 57	Stoux	Sept.	24, 1920	1501
Antelope Creek, South Branch (See A-1670)	Turner, Sarah A. Estate	Harrison	Turner Canal.	Irrig.	1.14	26 34 57	Stoux	Oct.	31, 1901	537
Antelope Creek, South Branch	Scammon, Samuel B.	Harrison	Stox Canal.	Irrig.	.29	9 32 57	Stoux	May	17, 1896	839
Antelope Creek, South Branch (Turner Res.)	Turner, Sarah A. Estate	Harrison	Turner Reservoir Canal.	Irrig.	130.61	26 34 57	Stoux	July	3, 1922	1675
(Turner Res.)	Turner, Sarah A. Estate	Harrison	Turner Reservoir Canal.	Supple.	2.537	26 34 57	Stoux	July	2, 1922	1674
(Turner Res.)	Turner, Sarah A. Estate	Harrison	Turner Reservoir Canal.	Irrig.		26 34 57	Stoux	July	3, 1922	1677
Hoggy Creek	Holly, Thos	Clayton	Holly Canal.	Irrig.	11.30	31 31 54	Stoux	Dec.	31, 1888	954
Hoggy Creek	Smith, J. W.	Harrison	Smith Canal.	Irrig.	.25	31 32 54	Stoux	May	1, 1892	326
Hoggy Creek	Wickersham	Harrison	Wickersham Canal.	Irrig.	3.00	31 33 54	Stoux	Feb.	25, 1903	731
Hoggy Creek	Wickersham	Harrison	Wickersham Supply Canal.	Irrig.	1250.61	31 33 54	Stoux	Dec.	24, 1919	2162
(Wickersham Reservoir)	Wickersham	Harrison	Wickersham Reservoir Canal.	Irrig.		30 33 54	Stoux	Dec.	24, 1920	2208
Hoggy Creek	Wickersham	Harrison	Wickersham Canal.	Irrig.	.56	31 33 54	Stoux	May	15, 1922	2204

Boggy Creek, Middle Branch	Harrison, J. G.	Harrison	Harrison Canal	Irrig.	86 7 32 54	Stoux	July 11 1886	560	..
Boggy Creek, Middle Branch	Martens, Wm	Harrison	Martens Canal	Irrig.	86 26 32 54	Stoux	May 19 1896	..	342
Boggy Creek, West Branch	Hill, Albert B.	Harrison	Hill Canal	Irrig.	86 12 32 54	Stoux	Jan 21 1904	..	558
Canguna	Kenneth, James	Harrison	Kenneth Canal	Irrig.	1 43 11 34 54	Stoux	Dec. 28 1905	..	800
Cedar Creek (See Prairie Dog Creek)	Hargens, Con	Harrison	Schult Cedar Cr. Canal	Irrig.	87 35 32 54	Stoux	May 15 1883	..	507
Cedar Creek	Grote, Wm.	Harrison	Valdes Canal	Irrig.	88 10 32 54	Stoux	Apr 9 1886	..	876
Cedar Creek	Blunkett, John	Harrison	Blunkett Canal	Irrig.	84 32 32 54	Stoux	..	..	957
Cherry Creek	Huffing, M	Harrison	Cherry Creek Canal	Irrig.	88 29 32 54	Stoux	May 2 1893	..	549
Dry Draw	Jordan, Richard	Harrison	Wooden Shoe Reservoir	Irrig.	125A ¹ 22 31 28 54	Stoux	Aug. 24 1914	..	1377
Dry Gulch	Child, L. M	Story	Child Canal	Irrig.	87 28 24 36 54	Stoux	Aug 24 1914	..	1375
Gelke Creek	Gelke, August	Harrison	Gelke Canal	Irrig.	41 29 33 56	Stoux	Nov 4 1907	..	1263
Hat Creek	Thayer, Millard A. Estate	Harrison	West Hat Creek Canal	Irrig.	42 16 32 54	Stoux	June 1 1884	..	533
Hat Creek	Offler, Charles J.	Harrison	Offler Canal	Irrig.	4 29 26 32 54	Stoux	Sept. 2 1881	..	512
Hat Creek	Thayer, Millard A. Estate	Harrison	West Hat Creek Canal	Irrig.	57 16 32 54	Stoux	May 31 1884	..	525 ¹
Hat Creek	Offler, J. T., et al	Harrison	Miller Canal	Irrig.	37 25 33 54	Stoux	May 17 1896	..	542
Hat Creek	Lyon, E. B.	Harrison	Antoin Canal	Irrig.	57 3 32 54	Stoux	Dec. 21 1900	..	594
Hat Creek	Lyon, E. B.	Harrison	Antoin Canal	Irrig.	57 3 32 54	Stoux	Aug. 25 1896	..	534
Hat Creek	Offler, John C.	Harrison	Offler and Son Flood Canal	Irrig.	6 00 14 37 55	Stoux	Nov. 22 1912	..	1218
Hat Creek	Zerbe, Harry C.	Harrison	Zerbe Reservoir	Irrig.	125A ¹ 35 21 35 54	Stoux	Mar. 25 1915	..	1407
Jim Creek	Dout, Clarence H.	Harrison	Dout Brothers Canal	Irrig.	88 7 32 54	Stoux	May 15 1885	..	981

¹Represents reservoir capacity alleged by applicant.

²Claim not adjudicated.

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

Source	Name of Appropriator	Div. Office	Canal	Line to which applied	Point of Diversion or Dam			Date of Priority	Dec. No.	App. No.		
					Sec. 10.	T. R.	County					
Jim Creek	Slattery Land and Cattle Company	Harrison	Westcott South Canal	Irrig.	16	14	33	St. Louis	May	19	1890	506
Jim Creek	Snyder, Thos. A.	Harrison	Jim Creek Can.	Irrig.	42	6	30	St. Louis	Dec	16	1890	502
Jim Creek (Sec. A 1833)	Slattery Land and Cattle Company	Harrison	Slattery Canal	Irrig.	29	13	33	St. Louis	May	21	1890	541
Jim Creek	Slattery Land and Cattle Company	Harrison	Cladonia Reservoir	Irrig.	142A	18	33	St. Louis	July	20	1925	1600
Cladonia Reservoir	Slattery Land and Cattle Company	Harrison	Cladonia Canal	Irrig.		12	33	St. Louis	July	20	1925	1601
Cladonia Reservoir	Slattery Land and Cattle Company	Harrison	Cladonia Canal	Suppl.		13	33	St. Louis	July	20	1925	1655
Jim Creek	Slattery Land and Cattle Company	Harrison	High Line Canal	Irrig.	34	13	33	St. Louis	July	20	1925	1662
Jim Creek and North Jim Cr.	Doat, Clarence	Harrison	Doat Reservoir No. 1	Irrig.	18	1A	7	St. Louis	Apr.	2	1925	1999
Doat Res. 1	Doat, Clarence	Harrison	Doat Canal No. 1	Irrig.		7	33	St. Louis	Apr.	2	1925	2000
Jim Creek	Doat, Clarence	Harrison	Doat Reservoir No. 2	Irrig.	13A	7	33	St. Louis	Apr.	2	1925	2001
Doat Res. 2	Doat, Clarence	Harrison	Doat Canal No. 2	Irrig.		7	33	St. Louis	Apr.	2	1925	2002
Jim Cr., East	Wasserbarger, J.	Northwest	Wasserbarger Canal	Irrig.	2	29	25	St. Louis	Feb.	18	1900	563
Jordan Draw	Jordan, Dan	Harrison	Dan Jordan Reservoir	Irrig.	100A	12	33	St. Louis	Feb.	27	1929	2071
Dan Jordan Reservoir	Jordan, Dan	Harrison	Dan Jordan Canal	Irrig.		22	33	St. Louis	Feb.	27	1929	2072
Lickett Creek	Coffee, S. B.	Cladonia	Lickett Canal	Irrig.		77	33	St. Louis				1605*
Lickett Creek	Coffee, S. B.	Cladonia	Lickett Canal	Irrig.	1	43	21	St. Louis	Mar.	31	1920	540
Little Red Cr.	Frankett, Thomas	Harrison	Zerber Canal	Irrig.		14	33	St. Louis	May	1	1890	551
Little Red Cr.	Geman, Wm. O.	Harrison	Zerber Canal	Irrig.		30	34	St. Louis	Apr.	2	1925	2003

Leola Branch	Turnbull, H. C.	Wagoner, S. D.	Clarendon Canal	Irrig.	2072 30 51 50	Sept.	12 1900	557
Leola Branch	Barst, E. J.	Anderson, N. D.	Moore Canal	Irrig.	134 12 33 53	Aug.	25 1894	635
Monroe Creek	Parsons, Con.	Harrison	Big Monroe Canal	Irrig.	1 13 35 10 36	May	1 1884	506
Monroe Creek	Parsons, Con.	Harrison	Schult-Monroe Canal	Irrig.	1 50 25 40 36	July	2 1888	509
Monroe Creek	Hild, Ferdinand	Starr, O. H.	Monroe Canal	Irrig.	24 33 38 46	July	19 1893	520
Monroe Creek	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Irrig.	2 20 13 32 50	Nov.	17 1906	541
Monroe Creek (See A-1393)	Jordan, Cornelious	Harrison	Cornelious Jordan Reservoir	Irrig.	1271 AF 10 32 26	Nov.	12 1900	541
(C. Jordan Reservoir (See A-1405))	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Supply	A 541 10 32 26	Nov.	12 1906	541
Monroe Creek (See A-1470)	Jordan, Cornelious	Harrison	Rife Canal	Irrig.	2 07 12 32 50	July	8 1914	1375
Monroe Creek	Judd, Cornelious	Harrison	Cornelious Jordan Reservoir Embargement	Irrig.	1074 AF 10 32 26	Jan.	14 1905	1390
(C. Jordan Reservoir)	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Supply	A 541 10 32 26	Nov.	12 1906	541
(C. Jordan Reservoir)	Jordan, Cornelious	Harrison	Kee Canal	Supply	A 337 13 31 36	Jan.	11 1913	1470
Monroe Creek	Jordan, Richard	Harrison	Richard Jordan Canal	Irrig.	2 47 27 12 55	Sept.	12 1925	2322
Monroe Creek	Keel, Birtie V.	Harrison	Keel Canal	Irrig.	02 1 32 56	May	24 1931	2324
Monroe Creek	Kneel, Max	Harrison	Monroe Reservoir	Fish	12 AF 8 32 26	Jan.	16 1903	2387
Monroe Creek	Kneel, Sammie	Harrison	Big Monroe Canal	Irrig.	2 10 33 11 55	Apr.	15 1934	2392
Prairie Dog Cr. (See Cedar Cr.)	Parsons, Con.	Harrison	Schult Prairie Dog Canal	Irrig.	1 14 35 38 52	May	15 1880	270
Prairie Dog Cr. (Punkett Res.)	Punkett, Thos.	Harrison	Punkett Reservoir	Irrig.	1106 AF 25 32 26	Sept.	18 1916	2931
	Punkett, Thos.	Harrison	Punkett Canal	Irrig.	25 32 26	Sept.	18 1916	2930
Saw Belly Cr. (See A-2454)	Schaefer, Nick J.	Harrison	Old Saw Belly Canal	Irrig.	3 6 7 37 45	June	7 1897	320
Saw Belly Cr.	Zerbe, Frank	Harrison	Montgomery Canal	Irrig.	1 00 21 30 35	Nov.	1 1890	329
Saw Belly Cr.	Jordan, Strub Knorr	Harrison	Jordan Canal	Irrig.	143 21 31 55	June	1 1893	356

*Claims not adjudicated.

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO 2-33 (Continued)

Source	Name of Applicant	Post Office	Canal	Use to which applied	Priority		Location of Diversion or Dam	Date of Priority		Doc. No.	App. No.
					Initial Grant In	Sec. 17		Mo.	D. Yr.		
Saw Belly Cr.	Nutter, F.	Harrison	Nutter Canal	Irrig.	40	24	32 25 Sioux	Sept	4 1893		404
Saw Belly Cr.	Jordan, Sarah, Estate	Harrison	Jordan Canal	Irrig.	50	23	33 55 Sioux	May	11 1896		424
Saw Belly Cr.	Carroll, M. J.	Harrison	Carroll Canal	Irrig.	14	7	32 55 Sioux	July	12 1899		514
Saw Belly Cr.	Zimmerman, T. to S.	Harrison	Zimmerman Canal	Irrig.	57	34	33 55 Sioux	Jan.	11 1900		532
Saw Belly Cr.	Jordan, S.	Harrison	Jordan Canal	Irrig.	14	27	33 55 Sioux	May	26 1902		668
Saw Belly Cr.	Barnes, Paul T.	Harrison	Barnes Reservoir	Irrig.	150A	19	32 55 Sioux	Mar.	24 1912		1269
Saw Belly Cr.	O'Connell, M. J.	Montrose	O'Connell Canal	Irrig.	10.00	5	33 55 Sioux	May	5 1914		1368
Saw Belly Cr.	Schaefer, N. J.	Harrison	Old Saw Belly Supply Canal	Irrig.	150A	7	32 55 Sioux	Feb.	27 1921		2305
			New Saw Belly Supply Canal	Irrig.	150A	8	32 55 Sioux	Feb	27 1922		2306
Schaefer Res.	Schaefer, N. J.	Harrison	Schaefer Canal No. 1	Suppl.	D-523	5	32 55 Sioux	Feb	21 1921		2454
Schaefer Res.	Schaefer, N. J.	Harrison	Schaefer Canal No. 2	Suppl.	D-523	5	32 55 Sioux	Feb	21 1921		2454
Saw Belly Cr.	Andrews, Agnes	Harrison	Andrews Supply Canal	Irrig.	224A	5	32 55 Sioux	Mar	28 1925		2530
Andrews Res.	Andrews, Agnes	Harrison	Andrews Canal	Irrig.		5	32 55 Sioux	Mar	26 1925		2544
Spring Creek	Hall, W. S. and S. M.	Harrison	Hall Spring Canal	Irrig.	57	6	32 55 Sioux	Mar.	26 1889	550	
Spring Creek	Schaefer, N. J.	Harrison	Spring Creek Canal	Irrig.	29	7	32 55 Sioux	June	1 1893		682
Spring Creek	Hall, P. M.	Harrison	Crystal Lake Supply Canal	Irrig.	140A	6	32 55 Sioux	Aug	22 1927		1954
Hall Res.	Hall, P. M.	Harrison	Crystal Lake Supply Canal	Irrig.		6	32 55 Sioux	Aug.	22 1927		2186
Hopwood Stream, No. 1 name	Codden, S. B.	Harrison	Hopwood Canal	Irrig.	22	22	33 54 Sioux	May	31 1890	564	
Hopwood Stream, No. 2 name	Hunter, B. C.	Orela	Hunter Canal	Irrig.	22	20	33 54 Sioux	May	11 1890		451
Squaw Creek	Swenson, Samuel R.	Harrison	Dunn Canal	Irrig.	36	15	33 57 Sioux	June	1 1890	551	
Squaw Creek	Thomas, S. M.	Harrison	Egerton Canal	Irrig.	21	10	33 57 Sioux	Apr.	1 1891	655	
Squaw Creek	Shepherd Cattle Co.	Harrison	Dunn Reservoir Canal	Irrig.	57	30	33 57 Sioux	Aug.	5 1890		141
Squaw Creek	Shepherd Cattle Co.	Harrison	Dunn Canal	Irrig.	18	31	33 57 Sioux	Jan.	22 1897		371
Squaw Creek	Thomas, S. M.	Harrison	Thomas Canal	Irrig.	50	30	33 57 Sioux	July	21 1901		627

Snow Creek	Shepherd Cattle Co.	Harrison	Shepherd Canal	Irrig.	3 18 34 34 57 Sioux	Oct.	24 1927	1963
Snow Cr., So.	Shepherd Cattle Co.	Harrison	Shepherd Reservoir	Divide A-1965	1904 2 30 57 Sioux	Jan.	29 1931	2179
Warbonnet Cr.	Anderson, John A. Slattery Land and Cattle Company	Harrison Harrison	Warbonnet Canal Nolan Canal No. 1	Irrig. Irrig.	1 43 33 33 56 Sioux .61 28 32 57 Sioux	July Mar.	31 1890 15 1897	548 767
Warbonnet Cr.	Slattery Land and Cattle Company	Harrison	Nolan Canal No. 2	Irrig.	.29 28 35 57 Sioux	May	1 1968	958
Warbonnet Cr.	Anderson, John A.	Harrison	Deaf Canal	Irrig.	.29 30 33 56 Sioux	Dec.	27 1897	529 1/2
Warbonnet Cr.	Anderson, John A. Slattery Land and Cattle Co.	Harrison Harrison	Warbonnet Canal No. 1 Zerbel Canal No. 2	Irrig. Irrig.	1 50 50 33 56 Sioux .15 25 33 57 Sioux	Mar. Mar.	11 1908 6 1910	192 1454
Warbonnet Cr.	O'Connell, Mike	Mantover	O'Connell Canal	Irrig.	.35 17 33 55 Sioux	June	20 1932	2274
Warbonnet Cr. Branch of	Slattery Land and Cattle Co.	Harrison	Zerbel Canal No. 1	Irrig.	.02 26 33 57 Sioux	Mar.	6 1915	1450
Warbonnet Cr. North Branch	Anderson, John A.	Harrison	Deaf Canal	Irrig.	.73 30 33 56 Sioux	May	31 1899	539 1/2
Warbonnet Cr. North Branch	Anderson, John A.	Harrison	Ray Canal	Irrig.	.14 26 33 57 Sioux	May	1 1887	828
Warbonnet Cr. Spring Branch Tributary to	Bieble, Chas.	Harrison	Bieble Canal	Irrig.	.21 30 33 56 Sioux	Apr.	1 1891	638
Warbonnet Cr. Spring Branch Tributary to	Anderson, John A.	Harrison	Garton Canal	Irrig.	1 43 31 33 56 Sioux	Oct.	16 1883	508
White Head Cr. Spring Branch Tributary to	Richardson, Marquet	Orella	Harrison Canal	Irrig.	.95 18 33 54 Sioux	May	30 1909	517

Dispersable reservoir capacity alleged by applicant
"N" denotes retention.

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

Source	Name of Applicant	Post Office	Center	Use to which applied	Priority		Date of Priority	Disc. App. No.	App. No.			
					Sec. 16	Sec. 17						
					County	County	Mo.	Day	Year			
Battle Creek	Yreka, Frank Estate	Oreghon	Oreghon Mill Race	Power	21	27	5	Knoss	1922*			
Battle Creek	Bloss, O. H. and Buckler, Elmer	Battle Creek	Oreghon Mills	Power	22	27	5	Knoss	Sept 24 1906	914		
Battle Creek	Bennett, Guy	Oreghon	Bennett Water Wheel	Power	13	27	5	Knoss	Apr. 17 1921	2198		
Battle Creek	McCall, Wm. B.	Center	McCall Pump	Power	1	03	27	5	Knoss	Oct 1 1921	2242	
Battle Creek	Dutton, Chas. B.	Stedman	Dutton Pump	Power	96	20	20	5	Knoss	Aug. 17 1922	2515	
Battle Creek	Norman and Haggar	Oreghon	Norman-Haggar Pump	Power	15	27	29	5	Knoss	Feb. 5 1921	2094	
Battle Creek, Little	York, Elmer	Center	York Pump	Power	14	30	3	Knoss	Sept. 7 1925	2562*		
Blow Creek	Jones, A. W.	Wynon	Blow Valley Mills	Power	52	09	31	22	Oregon	Spec. 1 1869	1351	
Blow Creek	Jones, A. W.	Wynon	Art Ledge Pump	Power	1	30	11	32	22	Oregon	Dec. 13 1926	2672
Blk Creek	Crystal Lake Co.	South Salem City, Ia.	Crystal Lake Dam	Power	15	00	25	29	22	Oregon	Apr. 22 1923	1734
Boakens Bluff	Ames, P. H.	Hartington	Ames Pump	Power	2	30	11	18	Oregon	June 17 1908	2577*	
Boysiegan Blow Creek	Ames, P. H.	Hartington	Ames Pump	Power	2	30	11	18	Oregon	June 17 1908	2577*	
Buddington, Blk North Fork	Kiska, J. C.	South Onondaga	Kiska Pump	Power	1	21	18	14	138	Sergey	Nov. 10 1925	2607
Burns Creek	Burns, Lester	Laurie	Burns Pump	Power	66	24	29	32	Oregon	May 3 1907	2738	
Spring Creek	Steele, Chas. H.	Oreghon	Steele Pump	Power	10	21	29	5	Knoss	Oct. 20 1905	2584	
Springs	Nye, Elmer	Prater	Nye Reservoir	Power	115	26	20	5	Antelope	Aug. 21 1921	2624	
Springs and Undergroud Water	Village of Crofton	Oreghon	Crofton Municipal Project	Power	25	26	22	2	Knoss	Oct. 22 1909	2160	

*Application pending, or claim not adjudicated.
 (Represents stream of property alleged by applicant.)

RECORD OF OPTIONAL DIVERSIONS, DIVISION 1-A

Original Source	Original Appropriation Number	Optional Diversion		Optional Source	Optional Appropriation Number	Optional Diversion optional Diversion		Date of Filing	
		S T R	North Platte			S T R	Canal		
Blue Creek	D-806	SW ₁ , SW ₂	28-17-42	North Platte	A-1142	SW ₁ , SW ₂	4-16-11	Irrigation-Midland Canal	Mar 31 1904
North Platte R.	D-634	NE ₁ , SE ₁	12-14-04	Lincoln County Drainage District No. 1	A-2450	NW ₁ , NE ₁	20-11-01	Borners Pump	Aug 12 1904
North Platte R.	D-635	NE ₁ , SE ₁	12-14-04	Lincoln County Drainage District No. 1	A-2454	SW ₁ , NW ₁	20-11-01	Frank Pump	Feb 6 1907
North Platte R.	D-635	NE ₁ , SE ₁	12-14-04	Lincoln County Drainage District No. 1	A-2417	SW ₁ , SW ₂	20-14-27	Brownfield Pump	July 12 1907
North Platte R.	D-916	NW ₁ , SE ₁	3-21-58	Minner Poudre Drain	F-1897	NW ₁ , SE ₁	18-22-53	The State Canal	Mar 13 1907
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Dry Spotted Tail Creek	A-1541	SW ₁ , NW ₁	16-23-56	Roberts (Hraahyl) Canal	Nov 5 1912
North Platte R.	D-916	SW ₁ , SE ₁	3-21-58	Dry Spotted Tail Poudre	F-1889	SW ₁ , SW ₂	4-73-56	The State Canal	Mar 13 1905
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Dry Spotted Tail Creek	F-193	SW ₁ , NW ₁	16-21-56	Kellum Pump	Mar 24 1907
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	The State Canal	A-1709	SW ₁ , SW ₂	12-27-57	Warner Canal	July 10 1905
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Horn Draw	A-1473	SW ₁	20-21-52	Village Pump	Jan 26 1907
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Sheep Creek	A-1728	NE ₁ , NW ₁	17-27-57	Sheep Creek Lateral	Feb 16 1911
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Sheep Creek	A-1489	NW ₁ , NW ₂	17-23-57	Sheep Creek Lateral	Jan 12 1913
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Sheep Creek	F-1917	NW ₁ , SW ₁	8-73-57	The State Canal	Mar 11 1905
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	Hot Springs Poudre	F-1757	SW ₁ , SW ₂	27-22-55	The State Canal	Mar 11 1907
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	West Spotted Tail Creek	A-1449	SW ₁ , SW ₂	17-23-56	Howard Canal	May 2 1895
North Platte R.	D-915	SW ₁ , SE ₁	3-21-58	West Spotted Tail Creek	F-1997	NW ₁ , NW ₂	17-23-56	The State Canal	Mar 21 1905
North Platte R.	D-919	NW ₁ , NE ₁	12-22-54	Taylor Drain	A-2592	SW ₁ , NW ₁	2-21-58	Overton Canal	Dec 24 1904
North Platte R.	D-922	NW ₁ , NE ₁	17-22-55	Western Creek	A-1440	SW ₁ , NE ₁	18-22-54	Western Creek Canal	Feb 9 1913
North Platte R.	D-920	NW ₁ , NW ₂	27-29-57	Newton or Akers Draw	A-1250		18-20-57	Newton Draw Canal	May 27 1913
North Platte R.	D-920	NW ₁ , NW ₂	27-29-57	Towhey Drain	A-1411	SW ₁ , SW ₂	21-23-56	Forling Pump	June 25 1904
North Platte R.	D-920	NW ₁ , NW ₂	27-29-57	Western Creek	A-2409	NE ₁ , SE ₁	8-11-54	Kretzschmar Canal	June 18 1904

*Filing

RECORD OF OPTIONAL DIVERSIONS, DIVISION 1-A Concluded

Original Source	Original Application Number	Original Diversion	Optional Source	Optional Application Number	Optional Diversion	Optional Diversion Carrier	Date of Filing
North Platte R.	D-823	SW ¹ , SW ⁴ , 18-20-51	Atkins Drain	A-1459	SW ¹ , SW ⁴ , 18-20-51	Atkins Canal	Mar. 27, 1916
North Platte R.	D-824	SE ¹ , SW ¹ , 18-20-51	Udler Creek	A-1397	SW ¹ , SW ⁴ , 20-10-49	Udler Creek Feeder	Jun. 7, 1915
North Platte R.	D-855	SE ¹ , SW ¹ , 18-20-51	Anderson Sump	A-2245	NW ¹ , SE ¹ , 20-20-51	Anderson Canal	Nov. 7, 1931
North Platte R.	D-874	NW ¹ , SW ¹ , 5-20-52	Hoyard Sugar Factory Drain	A-1776	SE ¹ , NE ¹ , 5-20-52	Hoyard Canal	Aug. 13, 1923
North Platte R.	D-874	NW ¹ , SW ¹ , 5-20-52	Red Willow Creek	A-1621	NW ¹ , SW ¹ , 5-20-51	Alliance Canal	Aug. 5, 1915
North Platte R.	D-925	NE ¹ , SW ¹ , 18-21-53	Nine Mile Drain	A-1431	NW ¹ , SW ¹ , 18-21-53	Nine Mile Canal	Aug. 19, 1915
North Platte R.	D-662	NE ¹ , SE ¹ , 12-14-31	Lambert County Drainage District No. 1, Dutch No. 1	A-2825	NW ¹ , SW ¹ , 26-14-31	Evans Pump	Sept. 24, 1918
North Platte R.	D-662	NE ¹ , SE ¹ , 12-14-31	Lambert County Drainage District No. 1, Dutch No. 1	A-2848	W ¹ , NW ¹ , 26-14-31	Saturation Canal	Oct. 20, 1936
North Platte R.	D-662	NE ¹ , SE ¹ , 12-14-31	Lambert County Drainage District No. 1, Dutch No. 2	A-2898	N ¹ , 26-14-31	Evans Pump	May 15, 1917
North Platte R.	A-458	SW ¹ , SW ¹ , 16-20-51	Camp Clark Sump and Red Willow Creek	A-2098	SW ¹ , SW ¹ , 16-20-51 NE ¹ , NE ¹ , 5-20-51	Alliance Canal	July 22, 1929
North Platte R.	A-1181	NW ¹ , SW ¹ , 5-20-52	Red Willow Creek	A-1422	SE ¹ , SE ¹ , 12-20-51	Dallas Canal	Sept. 10, 1915
North Platte R.	A-264	NW ¹ , SW ¹ , 26-22-31	North Platte R.	A-2150	NW ¹ , SE ¹ , 25-22-55	Great Western Sugar Canal (Grain Factory)	July 24, 1930
Platte River	D-1021	SW ¹ , 1-8-18	Keasney Tail Race	A-1744	N ¹ , NW ¹ , 11-8-16	Wacker Pump	May 5, 1924
Platte River	D-621	NW ¹ , NW ¹ , 18-10-23	Dawson County Drainage District No. 1	F-201	SW ¹ , SE ¹ , 1-9-22	Murray Pump	June 2, 1917
Platte River	D-622	N ¹ , NW ¹ , 18-10-23	Bullfinch Creek	A-1495	SW ¹ , SE ¹ , 22-10-21	Assault Pump	Aug. 17, 1917
Platte River	D-622	N ¹ , NW ¹ , 18-10-23	Bullfinch Creek	A-1648	NW ¹ , NW ¹ , 21-10-21	Daughty Pump	Nov. 24, 1917
Platte River	D-622	N ¹ , NW ¹ , 18-10-23	Bullfinch Creek	A-1568	W ¹ , 32-20-26	Hilgeon Pump	Oct. 24, 1926
Platte River	D-624	N ¹ , SW ¹ , 18-10-23	Dawson County Drainage District No. 1	A-2129	NW ¹ , 14-9-21	Outman Green-lot Pump	Mar. 15, 1931
Platte River	D-674	N ¹ , NW ¹ , 18-10-23	Ground Water	A-2781	SW ¹ , NW ¹ , 20-9-20	Grassy Well	Aug. 22, 1912
Platte River	D-674	N ¹ , NW ¹ , 18-10-23	Ground Water	A-2513	SW ¹ , SE ¹ , 20-9-20	Grassy Well	Feb. 15, 1915

Platte River	D-524	N ¹ , NW ¹ , 25-10-23	Steeves Creek	A-2049	NW ¹ , NW ¹ , 35-9-20	Jurgmann Pump	Oct. 19, 1928
Platte River	D-545b	NW ¹ , NE ¹ , 29-22-26	Pedens Lake	A-1860	SE ¹ , SE ¹ , 12-13-23	Wacker Canal	Sept. 16, 1928
Platte River	D-527	NW ¹ , SW ¹ , 9-10-24	Ground Water	P-2047	NW ¹ , SE ¹ , 23-10-23	Nail Well	July 16, 1928
Platte River	A-2039	N ¹ , NW ¹ , 25-10-23	Steeves Creek	A-2101	SW ¹ , SE ¹ , 27-9-20	Wenzler Pump	Aug. 27, 1929
Platte River	A-2145	N ¹ , NW ¹ , 16-10-23	Dawson County Drainage District No. 1	P-197	SW ¹ , SW ¹ , 11-9-21	Sheldon Pump	May 7, 1927
Steeves Creek	A-2083	SE ¹ , SW ¹ , 18-9-20	Dawson County Drainage District No. 1	A-2727*	NE ¹ , SW ¹ , 18-9-20	Brady Pump	Aug. 24, 1927
White Tail Creek	A-661b	SE ¹ , NE ¹ , 26-15-24	Payson Creek	P-195	SE ¹ , SE ¹ , 31-25-27	Payson Canal	Feb. 29, 1923

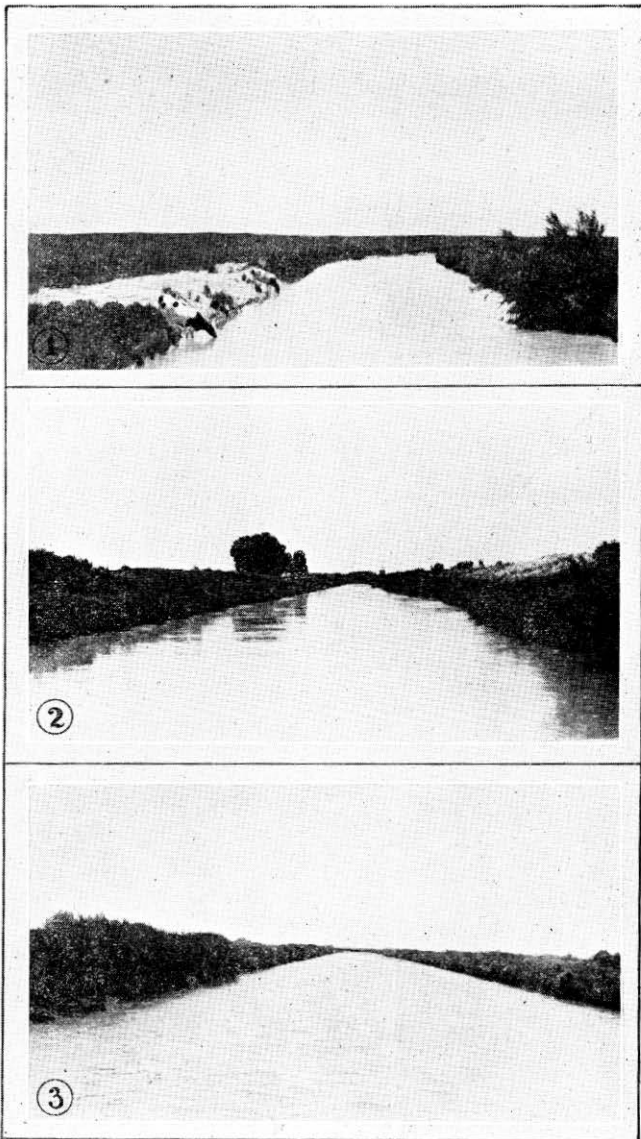
RECORD OF OPTIONAL DIVERSIONS, DIVISION 1-B

Original Source	Original Appropriation Number	Original Diversion		Optional Source	Optional Appropriation Number	Optional Diversion		Date of Piling
		S T R				S T R		
Jurgmann River	D-50	SW ¹ , NW ¹ , 13-3-23	Payson No. 10	A-1528	SW ¹ , NE ¹ , 27-3-21	Wacker Canal	Sept. 4, 1928	
Jurgmann River	D-10	NE ¹ , NW ¹ , 17-3-23	Payson No. 10	A-1573	SW ¹ , NE ¹ , 17-3-21	Greig Canal	Jan. 21, 1928	

RECORD OF OPTIONAL DIVERSIONS, DIVISION 2-D

Original Source	Original Appropriation Number	Original Diversion		Optional Source	Optional Appropriation Number	Optional Diversion		Date of Piling
		S T R				S T R		
Spring Creek	D-419	NE ¹ ,	18-22-22	Payson Creek	A-2075	SW ¹ , SW ¹ , 7-22-21	Lawrence Pump	Apr. 19, 1928

*Pending



1. Interstate Canal. Looking Downstream from West Line of Section 23-23-55.
2. Castle Rock Canal Headgate. Looking Upstream from Bridge toward Headgate.
3. Tri-State Canal. Looking Downstream from Bridge on West Line of Section 2-22-55.

PERMITS ISSUED TO RELOCATE WATER DIVERSIONS SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1939

Appropriator Number With Irr. Carrying Right	Stream	Petitioner	Post Office	Old Location	Old Carrier	New Location	New Carrier	Area	Appropriation Number Which Covers the Land
DIVISION 2-A D-440	North Platte R.	Maloney, W. J.	North Platte	SE ₄ , NW ₄ , 24 14 30	Cody Ditch Canal	SE ₄ , NE ₄ , 29 14 30	Maloney Ditch	1.15	D-440
A-1833-1 et al	Platte River	Six Mile Ditch Co.	Walthenburg	NW ₄ , SE ₄ , 31 21 26	Six Mile Canal	W _{1/2} , NW ₄ , 30 22 26	Thirty Mile Canal		D-490
A-2355	Platte River	The Central Nebraska Public Power & Irrig. District	Hastings	SE ₄ , 33 23 22	Supply Canal	SW ₄ , NW ₄ , 34 22 25	Supply Canal	1171.00	A-2355
DIVISION 1-A D-337	Castle Rock Cr.	Reidman, Roland V.	Denver	SW ₄ , NW ₄ , 25 15 55	Owens Canal	SW ₄ , NW ₄ , 26 15 34	Grady Canal	.71	D-352
DIVISION 2-A A-2287	Loop River	Loop River Public Power District	Columbus	NE ₄ , NW ₄ , 21 17 14	Loop River Power Canal	SE ₄ , NW ₄ , 6 16 14	Loop River Power Canal	500.00	A-2287
A-2473	Loop River	Loop River Public Power District	Columbus	NE ₄ , NW ₄ , 21 17 14	Loop River Power Canal	SE ₄ , NW ₄ , 6 16 14	Loop River Power Canal		A-2473
A-2293	Loop R., Mid	Middle Loop Public Power and Irrig. District	Ardena	SW ₄ , NW ₄ , 6 15 17	Middle Loop Canal	SW ₄ , NE ₄ , 11 15 17	Middle Loop Canal	120.60	A-2293
A-2298	Loop R., Mid	Middle Loop Public Power and Irrig. District	Ardena	SW ₄ , NE ₄ , 16 15 17 SW ₄ , SE ₄ , 21 15 15	Middle Loop Canal	SW ₄ , SE ₄ , 6 15 17	Middle Loop Canal	54.00	A-2298

PERMITS ISSUED TO RELOCATE WATER DIVERSIONS SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1938—Continued

Appropriation Number Which Has Carrying Right	Stream	Petitioner	Post Office	Old Location	Old Carrier	New Location	New Carrier	Acres Which Cover the Land	Appropriation Number
A-2469	Leop. R. No.	Almora Public Power and Irreg. District	Almora	1/4, T. 8 NW1/4, NW1/4, 36-22-20	Almora Canal	8, T. 8 S1/4, NW1/4, 36-22-20	Almora Canal	12.09	A-2469
DIVISION 2-C1									
A-1209	Nebrara R.	Burrell, John S.	Harrison	NW1/4, NW1/4, 39-39-58	Burrell Canal No. 2	NW1/4, NW1/4, 39-39-58	Burrell Canal No. 2	21	A-1209
DIVISION 2-B									
D-552a D-552b	West Hat Cr.	Tinsler, Mrs. Caroline	Harrison	S1/4, NW1/4, 36-30-55	West Hat Creek Canal	N1/4, SW1/4, 36-30-55	West Hat Creek Canal	48 D 552a 57 D 552b	

PERMITS ISSUED FOR OPTIONAL DIVERSIONS FROM SEPTEMBER 30, 1938 TO SEPTEMBER 30, 1938

Original Application Number	Original Source	Petitioner or Applicant	Post Office	Original Location			Original Carrier	Optional Diversion Source	Optional Diversion Location			Optional Diversion Carrier	Optional Application or Petition Number
				Lot	S. T. R.	Section			S. T. R.	Section			
D-682	North Platte R.	Evang. R. V.	Wallace	Lot 5	12-14-33	Suburban Canal	Lincoln County Drainage Dist No. 1, Ditch No. 1	NW ¹ , NW ²	28-14-31	Evans	Pump	A-263b	
D-682	North Platte R.	Suburban Irrig. District	North Platte	Lot 8	12-14-33	Suburban Canal	Lincoln County Drainage Dist No. 1, Ditch No. 2	W ¹ , NW ¹	29-14-31	Suburban	Canal	A-264B	
D-648	North Platte R.	Frame, Roland A.	Hershey	Lot 7	18-14-34	North Platte Canal	Lincoln County Drainage Dist No. 1, Ditch No. 1	NW ¹ , NE ¹	20-14-32	Frame	Pump	A-269A	
D-648	North Platte R.	Kellum, John H.	Merrill	NE ⁴	20-23-35	Tall State Canal	Dry Spotted Tail Creek	SW ¹ , NW ¹	20-23-36	Kellum	Pump	P-185	
A-2145	Platte River	Shelton, Mrs. G. N.	Leoti in	NE ¹ , NW ¹	28-10-23	Dawson Co. Canal	Dawson County Drainage Dist. No. 1	SW ¹ , NW ¹	11-9-21	Shelton	Pump	P-197	
D-682	North Platte R.	Evang. R. V.	Wallace	NE ¹ , SW ¹	12-14-33	Suburban Canal	Lincoln County Drainage Dist. No. 1, Ditch No. 2	N ¹	28-14-31	Evans	Pump	P-288	
D-621	Platte River	Murray, J. E.	Lincoln	NW ¹ , NW ²	18-12-23	Dawson Co. Canal	Dawson County Drainage Dist. No. 1	NW ¹ , SE ¹	9-27	Murray	Pump	P-291	

DEPARTMENT OF ROADS AND IRRIGATION

APPLICATIONS APPROVED FROM SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1938.

Source	Name of Applicant	Post Office	Pump	Place to which applied	Power used	Location of		Date of		Dis. No.	App. No.
						Structure or Dam	County	Mo.	Yr.		
Thompson Creek	Eshelman, C. F.	Horton	Eshelman Pump	Irreg.		6 12 2 18	Franklin	Jan	8 1936		2709
White River	Village of Whitney	Whitney	Whitney Water supply	Irreg.		2 28 1 22 31	Clayton	Nov.	19 1936		2827
Nepahin River, North Fork	City of Tennessee	Tennessee	Nepahin Water Supply	Irreg.		2 20 22 5 11 18	Johnson	Dec.	14 1936		2634
Loup R., No. Oak Creek	Ferguson, Robert W.	Hessauer	Ferguson Pump	Irreg.		1 22 25 23 21	Walsh	Oct.	21 1936		2635
North Platte R.	Bennett, John R.	Lincoln	Bennett Pump	Irreg.		1 49 28 11	Ch. Lancaster	Oct.	7 1936		2620
North Platte R.	Platte Valley Public Power and Light District	North Platte	North Platte Power Plant	Irreg. 1936 A 1936		2 24 38	Keith	Jan.	8 1937		2640
E. North River	Dwyer, Geo. F.	Waterloo	Dwyer Pump	Irreg.		68 16 15 10 7	Young	Oct.	7 1936		2641
Stoll Creek	Heide, Philip	Schuyler	Heide Pump	Irreg.		29 51 19 24	Collins	Oct.	8 1936		2642
Loup R., No. Turkey Creek	Montagne, Wm.	Alameda	Montagne Pump	Irreg.		35 73 31	Harris	Oct.	21 1936		2643
Middle Creek	Kyle, Henry	De Witt	Kyle Pump	Irreg.		40 74 5 41	Madison	Nov.	19 1936		2645
	Miller, J. J.	Delaware	Miller Upper Canal	Irreg.		56 37 18 51	Merrell	Oct.	21 1936		2646
			Miller Lower Canal	Irreg.		56 18 28 51					
Beaver Creek	Halters, Stuart E.	Hershey	Halters Pump	Irreg.		19 11 57 4	Nease	Dec.	3 1936		2647
Blue River, Big West Fork	Frank, Geo. G.	Henderson	Frank Pump	Irreg.		12 39 2 4	York	Nov.	27 1936		2648
Blue River, Big West Fork	Nandy, Douglas E.	Rutherford	Nandy Pump	Irreg.		11 25 3 2	York	Dec.	22 1936		2649
Turkey Creek	Hammill, Lew	Madison	Hammill Pump	Irreg.		44 71 7 4	Ballinger	Dec.	15 1936		2650
Truman Creek	Christman Bros.	Madison	Christman Pump	Irreg.		1 68 72 25 1	Madison	Dec.	8 1936		2651
Wichita River	J. C. Robinson Real Estate Company	Wichita	Robinson Pump	Irreg.		1 19 3 15 10 6	Langston	Dec.	15 1936		2652
Muhlen B.	Kathena, Harry J.	Bushville	Kathena Pump	Irreg.		29 72 27 44	Shelby	Dec.	3 1936		2654
Ballade Creek	Lewis, Sylvester	Moulton	Lewis Pump	Irreg.		75 28 24 1	Madison	Nov.	23 1936		2655
Water Creek	Mastey, Frank	Stanton	Mastey Pump	Irreg.		2 45 1 27 31	Madison	Dec.	3 1936		2656
Hopkins, Big North Fork	Keen, J. C.	Southampton	Keen Pump	Irreg.		1 34 19 14 13 2	Stark	Dec.	1 1936		2657
Lake Creek	Taylor, Joseph F.	St. Paul	Taylor Pump	Irreg.		15 23 31 15 10	Holmes	Nov.	14 1936		2658
Logan Creek	Haycock, Wm.	Hesper	Haycock Pump	Irreg.		13 29 20 32	Dodge	Dec.	3 1936		2659

Loup R., No. 1	Wells-Kilpatrick	Crestfield	Wells-Kilpatrick Pump	Irrig.	12 12 10 12	Howard	Dec. 3 1936	2660
Elkhorn River, North Fork	Doughty, L. H.	Norfolk	Doughty Pump	Irrig.	24 26 24 1	Madison	Dec. 3 1936	2661
Blue River, Blue Creek	Stuppard, Daisy E.	Shelby	Stuppard Pump	Irrig.	92 7 13 13	Waller	Nov. 15 1936	2662
Weping Water Creek	Young, Russell	Talbot	Young Pump	Irrig.	62 23 24 5	Antelope	Dec. 15 1936	2663
Weping Water Creek	University of Nebraska	Lincoln	University of Nebraska Pump	Irrig.	57 25 19 13E	Cass	Dec. 16 1936	2664
Beaver Creek Dry Draw	Kelner, Maurice H.	Tucson, Ariz.	Kelner Pump	Irrig.	57 10 21 7	Roane	Dec. 17 1936	2665
Rock Creek	Barnes, Harold T.	Benkelman	Barnes Reservoir	Irrig.	8 1 39	Dundy	Jan. 12 1937	2667
Dry Gulch	Stevens, James B.	Nebraska City	Stevens Pump	Irrig.	73 20 7 14E	Cass	Dec. 15 1936	2668
Elkhorn River, North Fork	Scott, H. D.	Lincoln	Scott Reservoir	Irrig.	72 23 25 12	St. Francis	Dec. 15 1936	2669
Blue River, North Fork	Kochmann, Herman F.	Platte	Kochmann Pump	Irrig.	67 26 24 2	Platte	Dec. 25 1936	2670
Blue River	James, A. W.	Wynot	Ann Lodge Pump	Irrig.	1 00 11 32	DE Cedar	Apr. 5 1937	2673
Elkhorn River	Tobert, E. B.	Norfolk	Tobert Pump	Irrig.	19 26 24 2	Madison	Feb. 9 1937	2674
Weping Water	Rosenkamp, Wm.	Franklin	Rosenkamp Pump	Irrig.	26 26 24 7E	Cuming	Mar. 21 1937	2675
Hughes Slough	Hughes, John A. Jr.	Crawford	Hughes Canal	Irrig.	23 24 8	Madison	Feb. 9 1937	2676
Blue River, Big Loup R., Mad	Hessink, James	Wilder	Hessink Pump	Irrig.	73 23 7 4E	Saline	Jan. 15 1937	2677
	Multe Corp. Public Power and Irrigation District	Aradito	Canal No. 1	Irrig.	3 00 16 19 15	Cluster	Apr. 7 1937	2678
			Canal No. 2	Irrig.	76 25 26 20 20	Cluster		
			Canal No. 3	Irrig.	4 00 1 17 17	Cluster		
			Canal No. 4	Irrig.	14 29 36 19 17	Cluster		
Elkhorn River	Parkett, Geo. N.	Hooper	Parkett Pump	Irrig.	17 19 25	Deage	Jan. 25 1937	2679
Dick Creek	Village of Dunning	Dunning	Dunning Reservoir	Reserv.	58 27 2 13 14	Howard	Feb. 3 1937	2680
Weping Water Creek	Department of Roads and Irrigation	Lincoln	Nebraska State Pump	Irrig.	71 25 19 13E	Cass	Feb. 4 1937	2682
Blue R., Little Mud Creek	Corliss, Albert S.	Hebron	Corliss Pump	Irrig.	63 9 21 2	Thayer	Mar. 31 1937	2683
Logan Creek	Anderson, B. L.	Madison City	Anderson Pump	Irrig.	22 22 15 15	Cluster	Feb. 20 1937	2684
Wender Draw	Mayberry, Adam	Franklin	Mayberry Pump	Irrig.	3 25 6E	Franklin	Feb. 8 1937	2685
Dolan Creek	Hill, D.	Wayne	Hill Pump	Irrig.	68 23 25 3E	Wayne	Feb. 30 1937	2686
Blue R., Little	Hubbell, C. J.	Dewese	Hubbell Pump	Irrig.	14 22 5 7	Clay	Feb. 9 1937	2687
Sherry Creek	Hubbell, C. J.	Dewese	Hubbell Pump	Irrig.	17 22 5 7	Clay	Feb. 20 1937	2690
Butte Creek	Stewart, Frank and Eugene, Edw. J.	Crawford	Stewart-Halgren Pump	Irrig.	15 21 25 5	Knox	Mar. 31 1937	2693
Blue River, Big Wood Fork	City Trust Company	York	City Trust Company Pump	Irrig.	71 19 9 2	York	Mar. 31 1937	2695

*Represents reservoir capacity offered to applicant.

APPLICATIONS APPROVED FROM SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1937 Continued

Source	Name of Appropriator	Post Office	Character	Use to which applied	Propo- sitional Grant \$	Location of Project or Dam			Date of Approval		Dist. No.	App. No.
						Sec. 16	T. R.	County	Mo.	Yr.		
Bear Creek	Bowling, Arthur	Mezzman	Bar Ninety-Nine Canal	Drig.	43	R 24	07	Cherry	Mar.	13 1937		2686
Logan Creek	Beckenbauer, Chas	West Point	Beckenbauer Pump	Drig.	25	R 24	75	Channing	Mar.	31 1937		2687
Republican R.	Long, Alfred E.	Indiana's	Riverside Pump	Drig.	21 14	R 27		Red Willow	Mar.	1 1937		2688
Soldier Creek	James, George A.	Grass Field	Infant Pump	Drig.	1	R 11	52	Sticks	Mar.	21 1937		2689
Loup R. Co.	Hooper, Harry B.	Sumner	East Chester Pump	Drig.	32	R 18		Chatter	Mar.	24 1937		2700
Walrus Creek	Bozeko, W. J.	Wahon	Bozeko Pump	Drig.	1	R 14	79	Nebraska	Mar.	31 1937		2701
Cedar River	Dobson, W. H., et al	Cedar Rapids	Dobson Pump	Drig.	2 29	R 29	5	Boone	Mar.	31 1937		2702
Republican R.	French, J. A.	Edwin	French Pump	Drig.	28	R 3	21	Purchase	Apr.	27 1937		2703
Elkhorn River	Rogers, Joe Sr.	Stanton	Roanoke Pump	Drig.	10 12	R 25	25	Water	Mar.	24 1937		2704
Yreka-Rio R.	Krausnick, Fred W.	Wassota	Krausnick Pump	Drig.	26	R 5	37	Chase	Apr.	19 1937		2705
Rock Creek	Duesker, Fred C.	Murray	Duesker Pump	Drig.	23	R 1	13	Case	Mar.	31 1937		2706
Logan Creek (Fender Drain)	Burmeister, H. H.	Fender	Burmeister Pump	Drig.	16	R 15	55	Thurston	Mar.	31 1937		2707
Wala Lake	Wala, Dorothy E.	Battle Creek	Wala Pump	Drig.	10 22	R 24	2	Madison	Apr.	5 1937		2708
Sutherland Reservoir	Platte Valley Public Power and Irrigation District	North Platte	Sutherland Supply Canal	Drig. Power A-2953	254,000	R 16	10	33 Lincoln	May	12 1937		2710
Logan Creek (Oakland Drain)	Kuhlman, John D. & Leonard, S. A.	Helmig	Kuhlman Pump	Drig.	27	R 21	58	Burt	Mar.	31 1937		2711
Logan Creek	Moodie, Robert H. and Leonard, S. A.	Barnhill	Moodie-Jordan Pump	Drig.	1 42	R 27	24	710 Platte	Mar.	31 1937		2712
Logan Creek	Geising, Ernest	Oakland	Vebling Pump	Drig.	26	R 20	45	Madge	Mar.	11 1937		2714
Blue River, Big	Anderson, George F.	Reichsburg	Anderson Pump	Drig.	5	R 13	2	Boak	Mar.	31 1937		2715
Cedar Creek	Carlson, Herman	Elgin	Carlson Pump	Drig.	130	R 28	6	Antelope	Apr.	27 1937		2716
Wood River	Cooklin, Grace E.	Lincoln	Cooklin Power Plant	Power	1000	R 11	8	Atterick	Apr.	19 1937		2717
Wood River	Cooklin, Grace E.	Lincoln	Cooklin Pump	Drig.	2 09	R 11	8	Merrick	Apr.	19 1937		2718
Rep. A-2550	James, C. E.	Rockington	James Canal	Drig.	28	R 2	15	Franklin	May	20 1937		2719
Union Creek	Jacobson, Charles H.	Madison	Jacobson Pump	Drig.	10 18	R 11	2	Madison	Mar.	10 1937		2720
Muddy Creek	Nichols, L. E.	Wauveta	Nichols Pump	Drig.	21	R 3	35	Dundy	Apr.	1 1937		2721
Wesley Creek	Delano, Ana V.	Albion	Delano Pump	Drig.	27	R 2	17	Boone	Apr.	5 1937		2722
Rio R., Little	Hill, James R.	Dewey	Hill Pump	Drig.	32	R 10	5	7 Cass	Apr.	27 1937		2723
Elkhorn River	Pates, Rudolph C.	West Point	Pates Pump	Drig.	14	R 22	85	Channing	May	2 1937		2724

Blue River, Big	Duck, U. W.	DeWitt	Cloverdale Pump	Irrig.	45 12 5	41	Saline	Apr.	27 1937	2725
Indian Creek	Gardner, W. A.	Max	Indee Pump	Irrig.	38 2 30		Bundy	Apr.	27 1937	2727
Swan Creek	Smith, Arthur H.	DeWitt	Smith Pump	Irrig.	44 29 5	46	Saline	Apr.	27 1937	2728
Loup R., No.	Hugh, Robert	Taylor	Hugh Pump	Irrig.	1 11 35 12 12		Loup	Apr.	27 1937	2729
Loup R., So.	May, Jesse S.	Calaway	May Pump	Irrig.	75 15 25 20		Cluster	Apr.	27 1937	2730
Blue River, Big	Prusoff, Peter F.	Latham	Prusoff Pump	Irrig.	28 9 4		York	Apr.	9 1937	2731
West Fork										
Blue River, Big	Miller, Clifford E.	Dunha	Miller Pump	Irrig.	80 27 9 4		York	Apr.	130 1937	2732
West Fork										
Quabett Creek	Quabett, Dist.	Petersburg	Quabett Pump	Irrig.	26 30 22 7		Bessemer	July	6 1937	2733
Eikhorn River	Hahn, Maribelle	Sharon	Hahn Pump	Irrig.	27 29 23	28	Sharon	June	9 1937	2734
Hoover Creek	State Board of Control	Lansing	Georgia State Hospital	Irrig.	1 28 29 28 4		Sharon	June	8 1937	2735
			Labal							
Blue River, Big	Rathman, Henry E.	DeWitt	Rathman Pump	Irrig.	1 00 15 5	58	Gage	June	6 1937	2737
Perlin Creek	Harrel, Leola T.	Laurel	Harrel Pump	Irrig.	66 36 29	32	Clair	June	5 1937	2738
Lohan Creek	Rosa, Albert T.	Hansen E.	Rosa Pump	Irrig.	76 15 24	22	Clarendon	July	8 1937	2739
Loup R., S.	Turley F. E.	Arnold	Turley Pump	Irrig.	25 6 76 24		Cluster	June	8 1937	2740
Biggs Creek	Finzer, Fred	St. Edward	Finzer Pump	Irrig.	1 02 11 24 5		Bessemer	July	16 1937	2741
Loni Creek	City of Schuyler	Schuyler	Community Park Res.	Irrig.	1 15 48 21 27 28		Clair	July	6 1937	2742
Willow Creek	Hestek, George J.	Elmer	Hestek Pump	Irrig.	16 28 26 4		Clarendon	June	9 1937	2743
Stinking, Big	Martens, Paul A.	Clarendon	Martens Pump	Irrig.	16 34 48		Clarendon	June	18 1937	2744
Dry Creek	Morland, Grace E.	Morland	Morland Canal	Irrig.	51 16 34 37		Clarendon	June	8 1937	2745
Logan Creek	Waters, George	Todd	Waters Pump	Irrig.	21 00	48	De Ager	June	5 1937	2746
Eikhorn River,	Stewart, S. M.	Norfolk	Stewart Pump	Irrig.	21 00 24 3		Stoddard	June	9 1937	2747
North Fork										
McLester Creek	Orton, Charles	Hazard	Orton Pump	Irrig.	25 23 15		Stoddard	June	9 1937	2748
Creek										
Blue R., Little	Hubbell, C. J.	Hewes	Hubbell Pump No. 2	Irrig.	51 37 0 9		Adair	June	9 1937	2749
Eikhorn River	Frank, Della	Oxley	Frank Pump	Irrig.	52 8 74 3		Adair	July	8 1937	2750
Rowhide Creek	Hittingworth, H. M.	Omaha	Hittingworth Pump	Irrig.	53 16 16 10 32		Donnell	July	8 1937	2751
Blue Creek	Whisman, Albert	E. I.	Whisman Canal	Irrig.	1 5 34 36		Clarendon	June	15 1937	2752
Northampton Cr.	Davidson, Martin E.	Holdrege	Davidson Pump	Irrig.	50 12 3 15		Holdrege	July	16 1937	2753
Northfork R.	Lichter, Hugo	Clarendon	Montague Canal	Irrig.	29 29 28 48		Clarendon	May	31 1936	2754
Cedar River	Bowers, Margaret	Cedar Rapids	Bowers-Rountree Pump	Irrig.	15 19 8		Bessemer	July	6 1937	2755
Nashle Creek	Shel, Henry	Clarendon	Shel Pump	Irrig.	9 28 5		Adair	July	5 1937	2756
Indian Creek	KELP, Thomas	Hewes	KELP Pump	Irrig.	4 8 18		Clarendon	July	16 1937	2757
		Crossing								

180 percent, increase capacity alleged by applicant

APPLICATIONS APPROVED FROM SEPTEMBER 30, 1932 TO SEPTEMBER 30, 1935 -Continued

Source	Name of Applicant	Post Office	Canal	Use to which applied	Power		Date of Approval	Inst. No.	App. No.
					Hydro	Location of Direction of Flow			
					Acres	St. F. H. Units	Mo. D. Yr.		
Blue River, Big West Fork	Stiles, Sam	Durchester	Miller Pump	Irrig.	36.3	3.8	32 Seward	July 16 1937	2754
Blue River, Big Springfield Cr	Birky, L. W.	Muford	Birky Pump	Irrig.	34	10.15	3E Seward	Aug. 9 1937	2759
Union Creek	Trumble, Floyd D.	Mapleton	Trumble Pump	Irrig.	53	36.15	11E Saffron	July 17 1937	2761
Box A-2669	Long, Wood & Sons	Madison	Long Pump	Irrig.	72	29.22	1E Saffron	Aug. 6 1937	2767
Basille Creek	Scott, R. D.	Lincoln	Scott Pump	Irrig.	22	17	5E Lamson	Sept. 21 1937	2762
Lincoln Creek	Jundt, J. P.	Houghton	Jundt Pump	Irrig.	34	29	5 Klose	Dec. 27 1937	2763
Lincoln Creek	Duchling, Ernest	Staplelake	Butterbush Canal	Irrig.	36	33.12	2E Seward	Aug. 6 1937	2764
Lincoln Creek	Irving, Edwin P., et al.	Seward	Irving Pump No. 1	Irrig.	31	20.11	3E Seward	Aug. 6 1937	2765
Blue River, Big Elkhorn River	Irving, Edwin P., et al.	Seward	Irving Pump No. 2	Irrig.	52	30.13	3E Seward	Aug. 10 1937	2766
Prairie Dog Cr	Feldman, Albert	North Platte	Feldman Pump	Irrig.	69	49.23	1E Stanton	Aug. 10 1937	2767
	Frost, C. A.	Alma	Frost Pump No. 1	Irrig.	43	24	1.2E Harkin	Sept. 16 1937	2769
			Frost Pump No. 2	Irrig.	44	25	1.2E Harkin		
Davis Creek	Christensen, Marvin	Selkirk, Cal	Christensen Pump	Irrig.	75	7.16	12 Howard	Sept. 23 1937	2768
Shell Creek	Wolfe, John H.	Schuyler	Wolfe Pump	Irrig.	46	28.15	3E Coffey Cr	Sept. 10 1937	2771
Frenchman R.	Wise, Emma J.	Palombe	Wise Pump	Irrig.	1.25	22	5.2E Hayes	Sept. 12 1937	2772
Lincoln Creek	Nelson, Lee M.	Hastings	Nelson Pump No. 1	Irrig.	34	13.13	2E Seward	Sept. 21 1937	2773
			Nelson Pump No. 2	Irrig.	37	21.11	2E		
Blue River, Big West Fork	Klein, Chas.	Bealer	Klein Pump	Irrig.	4	9	1.2E Seward	Sept. 10 1937	2774
Blue River, Big West Fork	Gard, Alvin J.	Beaver	Gard Pump	Irrig.	58	1	9 York	Sept. 20 1937	2775
Blue River, Big Turkey Creek	Nelson, Lee M.	Hastings	Lee Park Pump	Irrig.	65	20.11	3E Seward	Sept. 10 1937	2776
Beaver Creek	McGrath, Joe	Lincoln	McGrath Pump	Irrig.	24	20.14	11 Howard	Sept. 10 1937	2777
Driftwood Cr.	Myers, A. A.	Albion	Myers Pump	Irrig.	71	1.20	7 B. one	Sept. 10 1937	2779
Lamp R., 2nd	Hoyt, Frank	McCook	Hoyt Pump	Irrig.	36	24	2.21 Hark. Crk	Sept. 21 1937	2781
Shell Creek	Horn, C. H., and J. H.	Osborne	Horn Pump	Irrig.	5	14.21	Palmer	Sept. 21 1937	2781
Blue River, Big West Fork	Heide, Phillip	Schuyler	Heide Pump	Irrig.	17	34.15	3E Coffey	Sept. 21 1937	2782
Blue River, Big West Fork	United Insurance Company	Lincoln	United Insurance Company Pump	Irrig.	37	31.16	1E Seward	Sept. 21 1937	2783
Blue River, Big West Fork	Shannon, Robert H. and Mable Stanley A.	Lincoln	Shannon-Statke Pump	Irrig.	31	16	2E Seward	Sept. 21 1937	2784
Wood River	Nye, Kate D.	Skewany	Nye Pump	Irrig.	23	10	9.16 Buffalo	Sept. 21 1937	2785

Mounts Dog Cr	Seyler, Low	Atoka	Seyler Pump	Trick	50 39 1 15	Howard	Nov.	12 1937	2756
Shell Creek	Carrig, C. J.	Ogden	Carrig Pump	Trick	2 35 30 15 1	Plate	Sept.	21 1937	2757
Blue River, Big	Noske, Elmer R.	Crete	Noske Pump	Trick	37 10 7 45	Saline	Oct.	1 1937	2758
Mud (Beaver) Creek	Amsherry, Emma	Mason City	Amsherry Pump	Trick	52 23 25 18	Custer	Nov.	12 1937	2759
Laugh R., No-	Hemmer, James D.	Dalton	Hemmer Pump	Trick	46 2 16 12	Howard	Nov.	12 1937	2760
try Ravine	Hursey, Henry M.	Guthrie	Hursey Reservoir	Trick	52 25 0 17	Guthrie	Nov.	12 1937	2761
Mud (Beaver) Creek	Blal, John	Ataley	Blal Pump	Trick	54 15 15 18	Custer	Nov.	12 1937	2762
Mud (Beaver) Creek	Lang, C. E.	Atchafalaya	Lang Pump	Trick	1 25 19 14 15	Sherman	Nov.	12 1937	2763
Mud (Beaver) Creek	Luther, Violet V.	Mason City	Luther Pump	Trick	58 25 25 18	Custer	Nov.	12 1937	2764
Laugh Creek	Boesch, Cecilia G.	Laugh	Boesch Pump	Trick	1 34 28 20	McPherson	Nov.	12 1937	2765
Lyons Drain									
Hayes Creek	Wood, A. B.	Hartley	Wood Pump	Trick	53 24 1 25	Red Willow	Nov.	17 1937	2766
Laugh R., Mud	McMillan, J. M.	Wheatland	McMillan One of	Trick	15 21 22	Plate	June	1 1938	2767
Shell Creek	Kasun, Wood L.	Wheatland	Kasun Pump	Trick	45 28 25 30	Coffey	Dec.	27 1937	2768
Blue R., Little	McKenzie, F. W.	Hickman	McKenzie Pump	Trick	27 36 0 0	Thayer	Dec.	10 1937	2769
Mud (Beaver) Creek	Baunick, Joe J.	Mason City	Baunick Pump	Trick	4 39 15 17	Custer	Dec.	27 1937	2770
Burdick, Big	Martens, Paul A.	Chadron	Martens Pump	Trick	51 16 34 45	Dawes	Dec.	22 1937	2771
Mud (Beaver) Creek	West, Charles	Mason City	West Pump	Trick	54 23 10 18	Custer	Feb.	5 1938	2772
Hayes Creek	Quabert, Omer	DeSoto	Quabert Pump	Trick	29 31 22 7	Boone	Jan.	8 1938	2773
Pratt Creek	Graham, B. E.	Republican City	Graham Pump	Trick	17 1 17	Haskell	Jan.	12 1938	2774
Phonetican R.	Walt, Mary E. and Patricia Stella	Dalton	Walt-Walt Pump	Trick	45 15 7 34	Howard	Feb.	7 1938	2775
Nemaha R., Lit	Carlin, J. K.	Hick	Carlin Drive Stock Farm Pump No. 1	Trick	1 25 25 5 18E	Nemaha	Feb.	15 1938	2776
			Carlin Drive Stock Farm Pump No. 2	Trick	74 21 6 34E	Nemaha			
Osage River	Pickel, John M.	Wainwright	Pickel Pump	Trick	65 17 19 8	Boone	Feb.	15 1938	2777
Laugh R., No	Blinn, W. O. V.	St. Paul	Blinn, West Pump	Trick	11 58 15 10	Howard	Feb.	19 1938	2778
Oak Creek	Villages of Danzberg	Danzberg	Danzberg Reservoir	Reservoir	55 33 2 15 11	Howard	Nov.	30 1937	2779
Blue River, Big	Hansen, Harry E.	Beaver	Hansen Pump	Trick	70 0 1E	Rawl	Dec.	23 1937	2780
West Creek		Cheyenne							

Representative capacity indicated by appropriate

APPLICATIONS APPROVED FROM SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1938 -Continued-

Name	Name of Applicant	Post Office	Crested	Type of Works Applied	Project			Location of Dam		Date of Approval		Dist. No.	App. No.
					Total Cost, \$	S. T. P.	C. S. P.	No.	D. Yr.				
Beaver Creek	Walt, A. W. R.	Alton	Wagon Pump	Irreg.	44 40 15	3	Beaver	Feb.	13 1936		2911		
Beaver Creek	Kent & Barker Co.	Genoa	Genoa Run-off Canal	Irreg.	29 28 13	4	Nature	Jan.	3 1938		2912		
Wood River	Phelps, Laura	Kennedy	Crozier Pump	Irreg.	14 9 10		Huffman	Mar.	2 1938		2913		
Shell Creek	Marolin, Herbert	Schuyler	Marolin Pump	Irreg.	64 23 15	28	Collins	Feb.	19 1936		2914		
Shell Creek	Klack, Rose	Richmond	Klack Pump	Irreg.	48 13 15	2	Platte	Feb.	19 1938		2915		
Blue River, Ind.	Grantwood, Louis E.	Seward	Grantwood Pump	Irreg.	97 18 11	3E	Seward	Feb.	19 1938		2916		
Cedar River	Hennings, Wm.	Princeton	Princeton Pump	Irreg.	4 19 8		Beaver	Feb.	15 1938		2917		
Oak Creek	Hagan, S. F.	Valparaiso	Dugan Reservoir	Irreg.	37 02	58	Valparaiso	Feb.	19 1938		2918		
Cedar River	Bathurst, Alex.	Cedar Rapids	Bathurst Pump	Irreg.	2 00 35	12 7	Hodge	Feb.	16 1938		2919		
Humboldt Creek	Homan, Matt and Mary	Cedar Rapids	Homan Pump	Irreg.	3 40 32	15 7	Beaver	Feb.	18 1938		2920		
East of E. R.	Harper, Margaret, et al.	Arkaton	Harper Pump	Irreg.	26 30	4	Stora	Jan.	12 1938		2921		
Blue River, H. R.	Dunker, J. H. C.	East City	Dunker Pump	Irreg.	67 14 13	13	Waller	Feb.	16 1938		2922		
Middle Creek	Lyons, Gladys B.	London	Lyons Pump	Irreg.	26 25 20	6E	Eastwater	Feb.	19 1938		2923		
East Creek	Retich, Mary	Springfield, Ill.	Retich Pump	Irreg.	37 20 17	25	Collins	Feb.	19 1938		2924		
Turkey Creek	Pettit, T. R.	Elm Creek	Pettit Pump	Irreg.	11 9 18		Huffman	June	3 1938		2925		
Republican R.	Uppinger, Mabel R.	Nagawee	Mage Valley Pump	Irreg.	12 1 17		Huffman	Feb.	24 1938		2926		
Republican R.	Uppinger, F. E.	Lisbon	Uppinger Canal	Irreg.	22 1 30		Dandy	Mar.	1 1938		2927		
Shell Creek	Schmid, Adan	Collinsville	Schmid Pump	Irreg.	15 16 26		Collins	Mar.	11 1938		2928		
Cedar River	Becker, C. F.	Cedar Rapids	Becker Pump	Irreg.	1 0 9 26	1	Beaver	Mar.	1 1938		2929		
Blue River, Big	Stansbeck, W. T.	O'Fall	Stansbeck Pump	Irreg.	24 1 72		Hodge	Mar.	1 1938		2930		
Prague Bog Cr.	Bryer, Freda and Wagon, Corina	Alton	Bryer-Wagon Pump	Irreg.	23 1 18		Huffman	Mar.	1 1938		2931		
Deer Creek	Farr, Ed	Cardville	Farr Pump	Irreg.	32 20 5 25		Franklin	Mar.	1 1938		2932		
Cedar River	Homan, John M.	Cedar Rapids	Homan Pump	Irreg.	81 5 15 7		Hodge	Mar.	1 1938		2933		
Beaver Creek	Uppinger, John A.	Genoa	Uppinger Pump	Irreg.	47 15 17 4		Nature	Mar.	12 1938		2934		
Cedar River	Homan, Peter S.	Cedar Rapids	Homan Pump	Irreg.	92 19 7		Hodge	Mar.	12 1938		2935		
Nicholls R.	Inden, Charles H.	Hemlock Hill	Inden Canal	Irreg.	1 45 27 29 43		Dodge	Mar.	1 1938		2936		
Nicholls R.	Inden, Charles C.	Hemlock Hill	Inden Pump	Irreg.	1 64 26 20 45		Dodge	Mar.	1 1938		2937		
Lockport Cr.	Anderson, Harry	Salpex	Anderson Pump	Irreg.	25 10 14 51		Cherryville	Mar.	17 1938		2938		
Beaver Creek	Manfield, P. E.	Alton	Manfield Pump No. 1	Irreg.	72 36 2 6		Beaver	Mar.	12 1938		2939		
			Manfield Pump No. 2	Irreg.	72 31 20 5		Beaver						

Loop R., N. Oak Creek	Presley, J. E.	Orange	Presley Pump No. 2	Irreg.	19, 10 14; 21	Clutter	Mar.	7 1935	2442
Beaver Creek	Hart, Hans N.	Hannenburg	Hart Canal	Irreg.	7 12 11	Hickman	Mar.	17 1935	2442
Clear Creek	Harris, Thomas	St. Edward	Harris Pump	Irreg.	20, 27 19 5	Boone	Apr.	27 1935	2443
	Vansant, J. A. and Sons G. R.	Ainsley	Vansant Scott Pump	Irreg.	27 17 18	Walter	June	3 1935	2444
Fallon Creek	Greenwood, Claude H.	Walke Clay	Greenwood Pump	Irreg.	1 7; 32 33 44	Sheridan	Apr.	21 1935	2445
Beaver Creek	Gillette, H. H.	Boone	Gillette Pump	Irreg.	59 5 15 5	Boone	Apr.	21 1935	2445
Republican R.	Randel, Elmer C. et al	McCook	Randel Pump	Irreg.	39 3 29	Red Willow	Apr.	27 1935	2449
Elkhorn River	Steward, J. B.	Tilden	Steward Pump	Irreg.	15 34 4	Madison	July	29 1935	2450
Becker Creek	Metzger, M. D.	Mertmar	Metzger Canal No. 1	Irreg.	71 26 13 39	Cherry	Apr.	23 1935	2451
Becker Creek	Metzger, M. D.	Mertmar	Metzger Canal No. 2	Irreg.	14 23 24 38	Cherry	Apr.	23 1935	2452
Turkey Creek	Yokel, J. C.	Wood	Yokel Pump	Irreg.	26 17 7 14	Saline	Mar.	24 1935	2453
Union Creek	Lynn, Longin	Stanton	Longin Pump	Irreg.	1 23 14	Stanton	July	29 1935	2454
Beaver Creek	Hunter, Dewt	Arlton	Hunter Pump	Irreg.	52 10 21 7	Boone	Apr.	23 1935	2456
Beaver Creek	Fritz, Robert A. and Laurel, V.	Dakota	Fritz Pump	Irreg.	24 1 25	Red Willow	Apr.	25 1935	2457
Jadon Creek	Gardner, W. A.	Max	Gardner Pump	Irreg.	26 1 31	Dunlap	July	29 1935	2459
Elkhorn River	Singer and, John E.	Ontario	Sunderland Pump	Irreg.	1 86 34 15 208	Douglas	July	29 1935	2461
Lincoln Creek	Curry, J. E.	Seward	Curry Pump	Irreg.	58 19 21 24	Seward	July	29 1935	2461
Blue River, Big	Anderson, George W.	Stromsburg	Andrews Pump	Irreg.	3 23, 2	York	July	29 1935	2462
Loop R., N.	Van Dine, A. C.	Alameda	Newton Canal	Irreg.	85 23 21	Blaine	July	29 1935	2463
Nemaha River	E. K. Creek Home Water Club	Jack Creek	E. K. Home Water	Irreg.	125 4 111	Jefferson	July	29 1935	2464
Elkhorn River, North Fork	Hickler, Herman	Seward	Hickler Pump	Irreg.	26 24 1	Madison	July	29 1935	2465
Beaver Creek	Switzer, B. W.	DeSoto	Switzer Pump	Irreg.	12 22 7	Boone	July	29 1935	2466
Republican R.	Andrews, Donald	Cumbehdke	Andrews Pump	Irreg.	29 4 24	Phillips	July	29 1935	2467
Loop R., N.	Almota, Public Power and Traction Ltd.	Almota	Almota Canal	Irreg.	10 22 20	Loup	July	14 1935	2468
Loop R., N.	Cole, W. B. et al	DeSoto	Almota Canal	Irreg.	10 22 20	Loup	July	29 1935	2468
Small Creek	Bailey, John C.	DeSoto	Bailey Pump	Irreg.	1 69 4 17 38	DeSoto	July	29 1935	2471
Nemaha R., L.	Messers Pacific Railway Corporation	St. Louis	Messers Pacific Pump Station	Irreg.	100 15 5 140	Nemaha	July	1 1935	2472
Loop R., N.	Van Dine, A. C.	Alameda	Van Dine Pump	Irreg.	24 21 27	Loup	July	29 1935	2474
Elkhorn River, North Fork	V. S. Forest Service	Lincoln	North Nunnery Pump	Irreg.	26 24 1	Madison	Aug.	14 1935	2475
Minehead, Creek	Gunn, Phyllis and Parks Commission	Lincoln	Valentine Reservoir	Fish	1934 10 34 27	Cherry	July	27 1935	2478

(Regenerals listed by capacity alleged by applicant.)

CLAIMS AND APPLICATIONS CANCELED FROM SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1938

Source	Name of Appropriator	Post Office	Current	Use to which applied	Final Grant	Location of Diversion of Water		Date of Cancellation		D. S. No.	App. No.
						S. T. R.	County	Mo.	Yr.		
Barre Creek	Ebel, Henry	Craigston	Kool Pump	Irrig.	18 25 3	Antelope	Mont.	1 1938		276	
Bar De Creek	Jacobi, J. P.	Craigston	Land Pump	Irrig.	31 25 5	Knox	July	9 1938		2929	
Basille Cr. Let	Karner, Margaret et al	Adrian	Land Pump	Irrig.	20 29 4	Knox	Aug.	5 1939		3321	
Bear Creek	Wickman, Albert	Ed.	Wickman Canal	Irrig.	8 35 36	Cherry	Dec.	27 1937		2757	
Blue River, Big	Chaboukas, Leonard	Walton	Chaboukas Pump	Irrig.	19 16	48 Seward	Feb.	1 1937		3289	
Blue River, Big	Anderson, George F.	St. Joseph	Anderson Pump	Irrig.	5 78 2	Talia	Oct.	8 1937		3714	
Blue River, Big	Starobock, W. T.	Oshtemo	Starobock Pump	Irrig.	24 1	73 State	Sept.	26 1938		1981	
Blue River, Big West Fork	Reimer, Peter P.	Ludlow	Reimer Pump	Irrig.	25 5 4	York	Nov.	1 1937		2731	
Blue River, Big West Fork	Klein, Otto	Rever	Klein Pump	Irrig.	4 9 18	Seward	Apr.	9 1938		2774	
Blue River, Big West Fork	Hansen, Harry E.	Rever	Hansen Pump	Irrig.	13 6 18	Seward	July	7 1938		2810	
Borden Cr, Big	Skutens, Paul A.	Chatham	Mutton Pump	Irrig.	16 31 18	Tazewell	Dec.	22 1937		2741	
Cedar River	Dubois, W. H.	Cedar Rapids	Dubois Pump	Irrig.	23 12 8	Dodge	Jan.	1 1937		2655	
Cedar River	Bowers, Margaret	Cedar Rapids	Bowers-Bennett well Pump	Irrig.	15 12 8	Benton	Mar.	2 1938		2753	
Cedar River	Prattose, Wm.	Prattose	Prattose Pump	Irrig.	5 10 8	Boone	Sept.	12 1938		2857	
Cedar River	Homan, Peter N.	Cedar Rapids	Homan Pump	Irrig.	32 19 2	Dodge	Sept.	26 1938		2836	
Cedarwood Cr	LaNite, Hugh	Chatham	LaNite Canal	Irrig.	15 22 20 48	Dodge	Mar.	31 1938		3118	
Jury Draw	Barnes, Harold T.	Berkshires	Barnes Reservoir	Storage	1 8 1 38	Dundy	Sept.	1 1937		2657	
Kickapoo River and Pebble Cr	Hast, Chris	Hesper	Hast Pump	Irrig.	4 19 78	Dodge	Sept.	1 1937		2629	
Kirkore River	Parker, Geo. N.	Hesper	Parker Pump	Irrig.	13 19 78	Dodge	Sept.	1 1937		2679	
Kirkore River	Pyle, Rudolph C.	West Point	Pyle Pump	Irrig.	14 22 85	Franklin	Jan.	31 1938		2724	
Frenchman River	Wise, J. N.	Puttsada	Wise Canal	Irrig.	2 00 35 5 45	Dodge	Sept.	1 1937		26	
Frenchman River	Woods, J. Howard	Wauneta	North Guernsey Canal	Irrig.	2 7 3 5 07	Dodge	Apr.	19 1937		247	
Frenchman River	Woods, John and Beahle	Wauneta	South Guernsey Canal	Irrig.	1 48 10 5 37	Dodge	Apr.	19 1937		247	
Hughes Slough	Hughes, John J. Jr.	Clearfield	Hughes Canal	Irrig.	12 21 3	Madison	Sept.	1 1937		2676	
Indian Creek	Gardner, W. A.	Stax	Gardner Pump	Irrig.	17 2 37	Dundy	Nov.	1 1937		2727	

Indian Creek	Kidlip, Thomas	Beaver Crossing	Kidlip Pump	Irrig.	4 9	SE Seward	Mar	2 1938	2562
Logan Creek (Pender Drainage District)	Mayberry, Adam	Pender	Magnery Pump	Irrig.	5 15	SE Thurston	Sept.	1 1937	2653
Logan Creek	Osterloh, George	Halston	Osterloh Pump	Irrig.	21 20	SE Dodge	Dec.	27 1937	2745
Logan Creek (Oakland)	Kuhlman, John D. C.	Uehling	Kuhlman Pump	Irrig.	25 21	SE Warr	Feb.	1 1938	2811
Osage Valley									
Loup R., No.	Jantrek, Adolph	Harwell	Jantrek Pump	Irrig.	34 21	SE Garfield	Jan.	10 1937	2584
Loup R., No.	Montague, Wm	Almona	Newton Canal	Irrig.	35 23	SE Butler	June	1 1937	2643
Loup R., No.	Roper, Harry B.	Sumner	East Chatter Pump	Irrig.	52 13	SE Cass	Dec.	4 1937	2702
Loup R., No.	Horn, C. B. and J. D.	Gretna	Horn Pump	Irrig.	5 24	SE Cass	Apr.	26 1938	2761
Middle Creek	Moller, Z. L.	Bridgport	Bartling Canal	Irrig.	29 25	SE Morrill	Oct.	19 1936	2591
Stable Creek	Moller, Z. L.	Bridgport	Bartling Canal	Irrig.	28 18	SE Morrill	Oct.	19 1936	2570
Spud (Heaven) Creek	Croston, Charles	Hazard	Croston Pump	Irrig.	58 13	SE Sherman	Dec.	27 1937	2743
Spud Creek, Branch of	Hock, W. W.	Broken Bow	Beck Pump	Irrig.	10 26	SE Cass	Mar.	28 1937	2615
Stuffy Creek	Nichols, L. F.	Wassata	Nichols Pump	Irrig.	21 3 26	Dodge	Oct.	5 1937	2771
Stuck Creek	Hall, Hans N.	Dunningburg	Stuck Creek Canal No. 1	Irrig.	2 25	SE Howard	Mar.	12 1938	2828
Stuck Creek	Village of Dunningburg	Dunningburg	Dunningburg Reservoir	Reservoir	58 27	SE Howard	Nov.	9 1937	2669
Stuck Creek	Ingram, S. C.	Valparaiso	Dugan Reservoir	Reservoir	27 13	SE Saunders	Aug.	31 1938	2818
Stutter River	Van Norwick, Mrs. Wyley	Osola	Van Norwick Pump	Irrig.	2 26	SE DeWitt	Dec.	27 1938	2842
Trout Dam Cr.	Graham, R. W.	Republican City	Graham Pump	Irrig.	17 1 17	SE Clayton	Aug.	5 1938	2804
Walton Dug Cr.	Beyer, Freda and Walter, Carl	Alma	Beyer-Walke Pump	Irrig.	23 1 15	SE Clayton	Sept.	26 1938	2832
Republican R.	Uplinger, Melvil E.	Naponee	Hope Valley Pump	Irrig.	31 1 27	SE Clayton	Sept.	21 1938	2825
Republican R.	Card, F. E.	Lincoln	Card Canal	Irrig.	22 2 40	Dodge	Sept.	27 1938	2827
Rock Creek	Ortnecker, Fred C.	Murray	Janz-ker Pump	Irrig.	28 21	SE Cass	Oct.	5 1937	2706
Shell Creek	Scheidt, Armin	Columbus	Scheidt Pump	Irrig.	15 14	SE Cass	Sept.	16 1938	2828

*Appropriation carried in part.

†Represents excess in capacity alleged by applicant.

CLAIMS AND APPLICATIONS CANCELED FROM SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1938 Concluded

Source	Name of Applicant	Post Office	Carrier	Use to which applied	Project Total Grant in	Location of			Date of		Doc. App. No. | No.			
						Sec. 11	S	T	R.	County		Mo.	Da. Yr.	
Sutter Creek Springs, Trail to Middle Cr.	Jules, George A Miller, J. L.	Clawfoot Bridgeport	Jules Pump Barring Canal	Irrig.	311.50	29	26	19	31	Sierra	Oct	1	1937	2699
				Irrig.							15	1936	890	
Turkey Creek	Vikel, J. C.	Friend	Vikel Pump	Canp.	1.16	17	17	13	Sierra	Mar.	24	1935	2434	
Wahoe Creek	Schubelohs, H. J.	Illuma	Schubelohs Pump	Irrig.	33.14	86	86	30	Sierraville	Jan.	1	1937	2537	
Wahoe Creek	Dworkal, Emil J.	Wahoe	Dworkal Pump	Irrig.	9.14	72	72	30	Sierraville	Oct.	5	1937	2701	
Walnut Creek	Robert, Harvey H.	Nehalem City	Robert Pump	Irrig.	36.	5	13E	05	Oregon	June	1	1937	2632	
White River	Finney, H. G., et al	Crawford	Harold Cooper Canal	Irrig.	26.26	32	32	32	Harmon	June	118	1931	4640	
Wicks River	Cheney, Laura	Kearney	Cheney Pump	Irrig.	14.	9	15	15	Butte	Sept.	21	1935	2612	

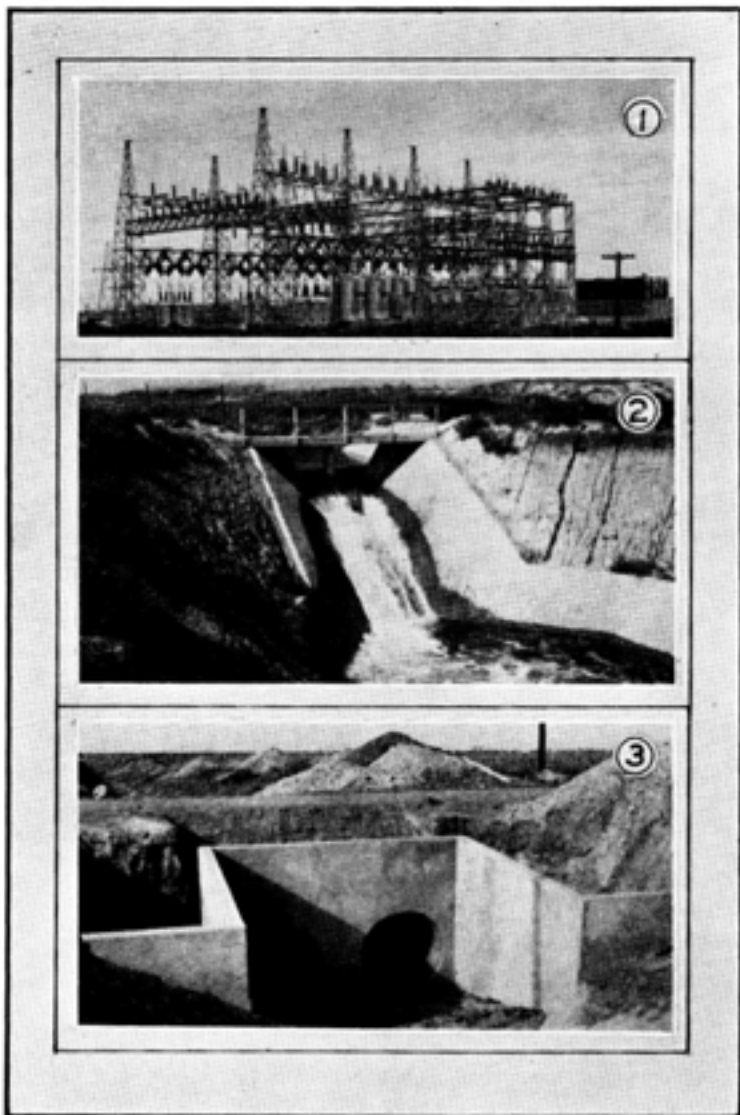
APPLICATIONS DISMISSED FROM SEPTEMBER 30, 1936 TO SEPTEMBER 30, 1938

Source	Name of Claimant	Post Office	District	Use to which applied	Previous Total Grant in Acres	Location of Diversion of Dam		Date of Disposal		Dis. No.	App. No.
						S. T. R.	County	Mo.	Yr.		
Blue River, Big	Iowa-Nebraska Light & Power Company	Lincoln	Clayton Hydro Plant	Power	*	27 13 26	Butler	Dec.	11 1936		2217
Blue River, Big	Iowa-Nebraska Light & Power Company	Lincoln	Beaver Crossing Hydro Plant	Power		2 5 1E	Beward	Dec.	12 1936		2218
Cedar Creek	Iowa-Nebraska Light & Power Company	Lincoln	Oakdale Plant No. 1	Power		11 24 8	Antelope	Dec.	12 1936		2219
Cedar Creek	Iowa-Nebraska Light & Power Company	Lincoln	Oakdale Plant No. 2	Power		13 24 6	Antelope	Dec.	12 1936		2212
Kishom River, North Fork	Iowa-Nebraska Light & Power Company	Lincoln	Pierce Plant	Power		25 26 2	Pierce	Dec.	12 1936		2213
Oak Creek	Iowa-Nebraska Light & Power Company	Lincoln	Valparaiso Plant	Power		2 13 3E	Saunders	Dec.	12 1936		2223
Springfield Cr. and Buffalo Drain Dist. Lincoln County Drainage Dist. No. 1	Trumble, Floyd H.	Papillion	Trousdale Pump	Irrig.		34 11 11E	Swiss	May	24 1937		2713
	Brownfield, George V.	Hickory	Brownfield Pump	D. D. 1-635		29 14 12	Lincoln	July	13 1937		2576

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 66, LAWS OF 1923, APPENDIX 1927
 OF P. 310, AS AMENDED BY L. R. 3241
 POWER AND IRRIGATION DISTRICTS

Name of District	Headquarters	Municipality Constituting District	Proposed Area in Acres to be Reclaimed	Proposed Capacity of Investment in Acre-feet
Ames Public Power and Irrigation District	Ames	Steel Valley Precinct in Jasper County	1,000	
Boyer-Sappa Public Power and Irrigation District	Stanford	Knetsch, Eldon, Orleans, Stanford and Sappa Valley Precincts in Howard County; Rhinwood, Maple Creek, Weaver, Eureka, Lincoln and Beaver City Valley Precincts in Pottawattomee County	10,000	No. 1 40,000 No. 2 40,000
Benedict in Hodge, Anokwa Public Irrigation District	Hogler	Hogler, Parks, Hogansboro, Indian and May Valley Precincts in Dudley County; Stratton, Union and Maxson View Valley Precincts in Hitchcock County	25,000	No. 1 45,000 No. 2 1,500 No. 3 45,000
Blue Creek Public Power and Irrigation District	Lawton	Lawton and Belton Valley Precincts in Kearney County; Blue Creek, East Creek and Lane Valley Precincts in Garden County; Eastwood Valley Precinct in Morrill County	27,000	25,000
The Central Nebraska Public Power and Irrigation District	Hastings	Adams, Phelps, Cooper and Kearney Counties	164,217	2,000,000
Dowson County Public Pump-Irrigation District	Lexington	Dowson County	25,000	
Imperial Public Power and Irrigation District	Artesia	Imperial Valley Precinct in Imperial County; Salick Valley Precinct in Thomas County; Hayes Cliff, Kilduff and Victoria Valley Precincts in Carter County	20,000	
East County Public Pump District	Waltham	Delphos, South Pyle, Lockport, Aldo, West River, Cameron, Harris, Center, Washington, Lehigh and City of Grand Island, Munton and Lake Valley Precincts in Hall County	20,000	
Imperial Valley Public Power and Irrigation District	Philside	Valley of Imperial, Pioneer and Fisher Valley Precincts in Yuma County; Philsides, Beverly, Pharyng Hill, Riverside, Underdown and Blackwood Valley Precincts in Hitchcock County; Perry, Willow Grove, Valley Grange and Driftwood Valley Precincts in Red Willow County	20,514	12,000
Long River Public Power	Columbus	Philo County		21,000

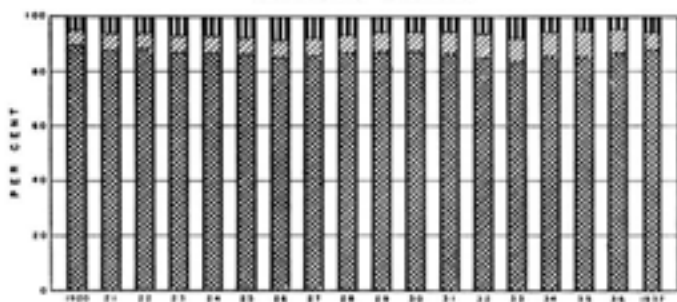
Moravia County Public Pump District	Central City	Merrick County	16,000	
Middle Loup Public Power and Irrigation District	Arcadia	Sargent, Coombs, Douglas Green, Spring Creek, Myrtle, West Union and Millers Young Precincts in Chase County, Germantown, Liberty, Arcadia and Yale Voting Precincts in Valley County, Washington, West Logan, Webster, West Loup City, East Loup City, Day, Austin and Buckskin Voting Precincts in Sherman County	50,000	
Moraga Plate Public Power and Irrigation District	Hay Springs	Frog Voting Precinct in Dawes County; Kings and Running Water Voting Precincts in Sheridan County	30,000	No. 1- 15,000 No. 2 1,500 No. 3 1,500
North Loup River Public Power and Irrigation District	Ord	Blackfoot and Burwell Voting Voting Precincts in Garfield County, Taylor and Keri Voting Precincts in Loup County, Elgin, Ord Township, Ord City and North Loup Voting Precincts in Valley County	28,000	
Panhandle Public Pump Irrigation District	Allamore	Boyd, Linn, Box Butte, Wright, Running Water, Nonperal, Hursey, 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	205,077	500,000
The Republican River Public Power and Irrigation District	Superior	Turkey Creek, Farmers, Elk Grove, Hominyville, Franklin, Mason and Grand Valley Precincts in Franklin County, Nevada, Walnut Creek and Gould, Lane, Pleasant Hill, Garfield and Guide Rock Voting Precincts in Webster County, Rocky K, Beaver, Central and Hardy Voting Precincts in Steele County	55,500	40,000
South Platte Public Power and Irrigation District	Haskell	West Ogallala and East Ogallala Voting Precincts in Keith County	58,000	50,000
United Public Power and Irrigation District	Chadron	Grant and Garfield Voting Precincts in Frontier County, North Valley, East Valley, Indianola, Red Willow and French Voting Precincts in Red Willow County, Cambridge, Burton Bend, Arapahoe, Elmore, Logan, Weaver, New Era and Oxford Voting Precincts in Platte County	10,000	24,000
White Tail Public Power and Irrigation District	Keystone	White Tail Voting Precinct in Keith County	2,000	21,000



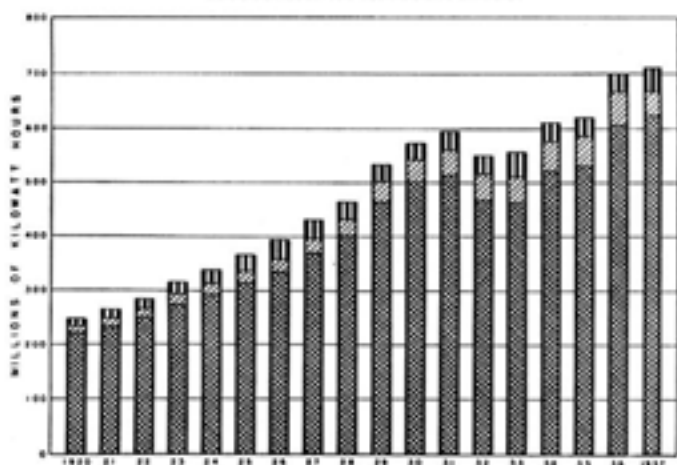
Views of Tri-County Project—No. 1, 115 kv. substation adjoining Highway No. 6 near Hastings. No. 2, Drop structures on Phelps County Canal, showing 35 c.f.s. of water flowing. No. 3, Twin 42-inch corrugated-metal-pipe culvert with headwalls to carry lateral under county road north of Holdrege.

TOTAL PRODUCTION OF ELECTRICITY
BY TYPE OF PRIME MOVER
NEBRASKA
1920-1937

PERCENTAGE PRODUCED



PRODUCTION IN KILOWATT HOURS



LEGEND



SOURCE—FEDERAL POWER COMMISSION

WPA OF NOS 1631-1-1928 AND 463-0-1-1-35

PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 86, LAWS OF 1933, AMENDED 1937

G. S. F. 310, as amended by L. J. 5221

RURAL ELECTRIFICATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting District
Bellevue-Nance County Rural Public Power District	St. Edward	Bellevue and Nance Counties
Buffalo County Public Power District	Kearney	Buffalo County
Burt County Rural Public Power District	Tekamah	Burt County
Butler County Rural Public Power District	David City	Butler County
DeSair-Knox County Rural Public Power District	Hartington	Cedar County, Hill, Herrick, Frankfort, Eastern, Dolphin, Dowling, Lincoln and Columbia Voting Precincts in Knox County
Chandey-Rusk Public Power District	Hayard	Harrell County; Dewey, Field, Tabor, Highland and Castle Rock Voting Precincts in South Bend County
Clay County Rural Public Power District	Clay Center	Clay County
Darling County Rural Public Power District	West Point	Darling County, exclusive of City of Winner and City of West Point
Dawson County Public Power District	Lexington	Dawson County
Eastern Nebraska Public Power District	Tournois	Richardson, Pownee, Neligh, Johnson City, Oka, Sarge and Saunders Counties; Mill and Steeles Creek Voting Precincts in Lancaster County
Geering Valley Rural Public Power District	Geering	Geering and Geering Voting Precincts, exclusive of City of Geering in South Bend County
Hall County Rural Public Power District	Wood River	Lake, Prairie Creek, Mayfield, South Loop, Channing, Harrison Center, Washington, exclusive of City of Grand Island, Ash, West River, Jackson, Martin, South Prairie, and Daughan Voting Precincts in Hall County

Hamilton County Rural Public Power District	Amor	Hamilton County
Howard County Rural Public Power District	St. Paul	Howard County
Lincoln County Rural Public Power District	Walton	Lincoln County, exclusive of City of Lincoln
McCook County Rural Public Power District	Central City	McCook County, exclusive of City of Central City
McCook Public Power District	McCook	City of McCook in Red Willow County
Norris Rural Public Power District	Wilber	Jefferson and Red River Counties
Polk County Rural Electrification District (Subdivision of Great River Public Power District)	Clatsop	Polk County
Polk County Rural Public Power District	Stromsburg	Polk County
Reynolds Rural Public Power District	Neodesha	Ferry, Furlong, Neosho, Marshall and Funston Voting Precincts in Reynolds County, Sycamore, Tappan, Townsend and Roseville Voting Precincts in Boone County
Seward County Rural Public Power District	Seward	Seward County
Southeastern Nebraska Public Power District	Beatrice	Deer Creek
Southern Nebraska Rural Public Power District	Minden	Adams, Kearney and Phelps Counties
Stanton County Rural Public Power District	Stanton	Stanton County
Wayne County Rural Public Power District	Wayne	Wayne County

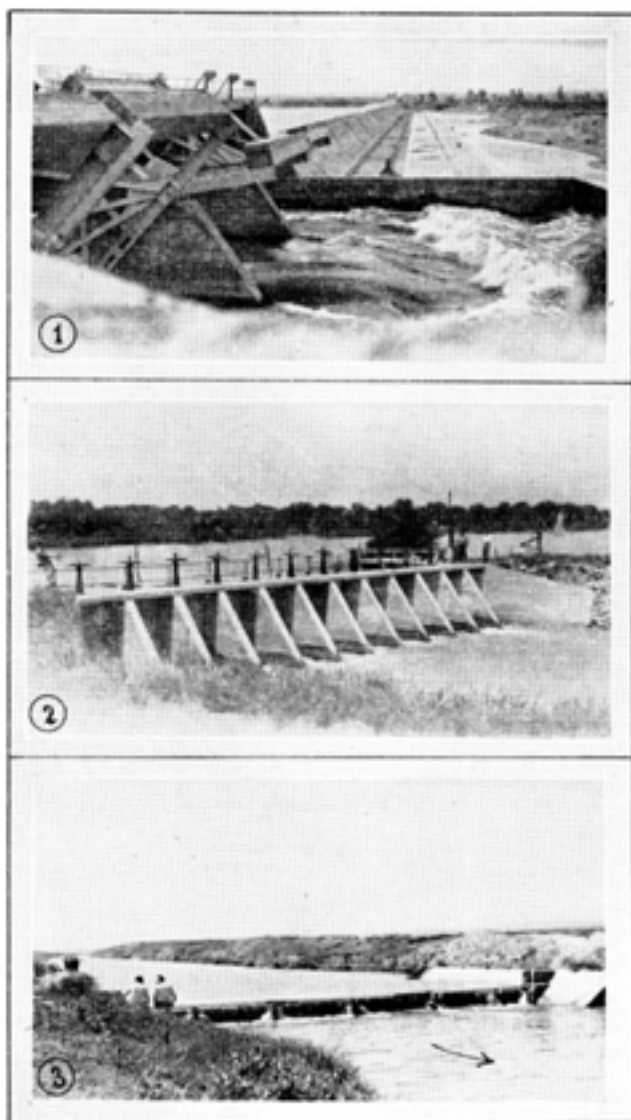
DRAINAGE DISTRICTS

Below is a complete list of drainage districts of record in this Bureau:

County	Name of District	Date of Approval of Plans
Buffalo	John Swenson Drainage District	Nov. 5, 1928
Burt-Thurston	Lyons Drainage District	
Burt-Washington	Burt-Washington County Drainage Dist. No. 1	Aug. 7, 1915
Burt-Washington	Burt-Washington County Drainage Dist. No. 2	Feb. 19, 1925
Burt-Washington	Peterson Bond Protection District	Sept. 2, 1921 (Retained)
Butler	Yanke 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	Foreshaw Lake Drainage District	Aug. 3, 1916
Cherry	Gay Lake Drainage District	Sept. 1, 1922
Cherry	Woodman Drainage District	June 23, 1923
Cherry	Cherry Lake Drainage District	Dec. 16, 1924
Cherry	Mile Board Drainage District	Sept. 30, 1926
Collins	Platte Valley Drainage District	Dec. 22, 1920
Dakota	Drainage District No. 2	April 15, 1914
Dakota	Holder Drainage District	Jan. 10, 1919
Dakota	Dakota City Drainage District	April 1, 1922
Dakota	Good Drainage District	Dec. 11, 1924
Dakota	Drainage District No. 3	July 17, 1920
Dawson	Drainage District No. 1	July 3, 1929
Dawson	Drainage District No. 2	June 7, 1920
Dawson	Drainage District No. 3	May 1, 1921
Dunn-Wayne-Thurston	Wakarusa Drainage District	Jan. 18, 1917
Dutch Cedar	Brookly Bottom Drainage District	Sept. 11, 1922 (Retained)
Dutch Cedar	North and South Leam Drainage District	Feb. 17, 1925
Dodge-Washington	Eckhorn River Drainage District (Cut-Off "11")	
Douglas	Little Papillon Drainage District	Mar. 2, 1929
Douglas	East Omaha Drainage District	Oct. 8, 1921
Douglas	Eckhorn Valley Drainage District (Radford Ditch)	Jan. 9, 1926
Douglas	Papio Drainage District No. 2	June 5, 1926
Douglas-Sargy	Eckhorn Valley Drainage District	June 24, 1919
Douglas-Sargy	Eckhorn Valley Drainage District (Eckhorn River Cut-Off and Extension of Main Ditch No. 2)	Nov. 8, 1922
Douglas-Sargy	Eckhorn Valley Drainage District	May 26, 1923 (Retained)
Fillmore	Drainage District	
Franklin	Republican River Drainage District	
Frontier	Drainage District No. 1	Mar. 31, 1915
Furnas	Republican River Control	July 27, 1931
Garden	Garden County Improvement and Drainage District No. 1 (Ogishko Drainage District)	June 23, 1922

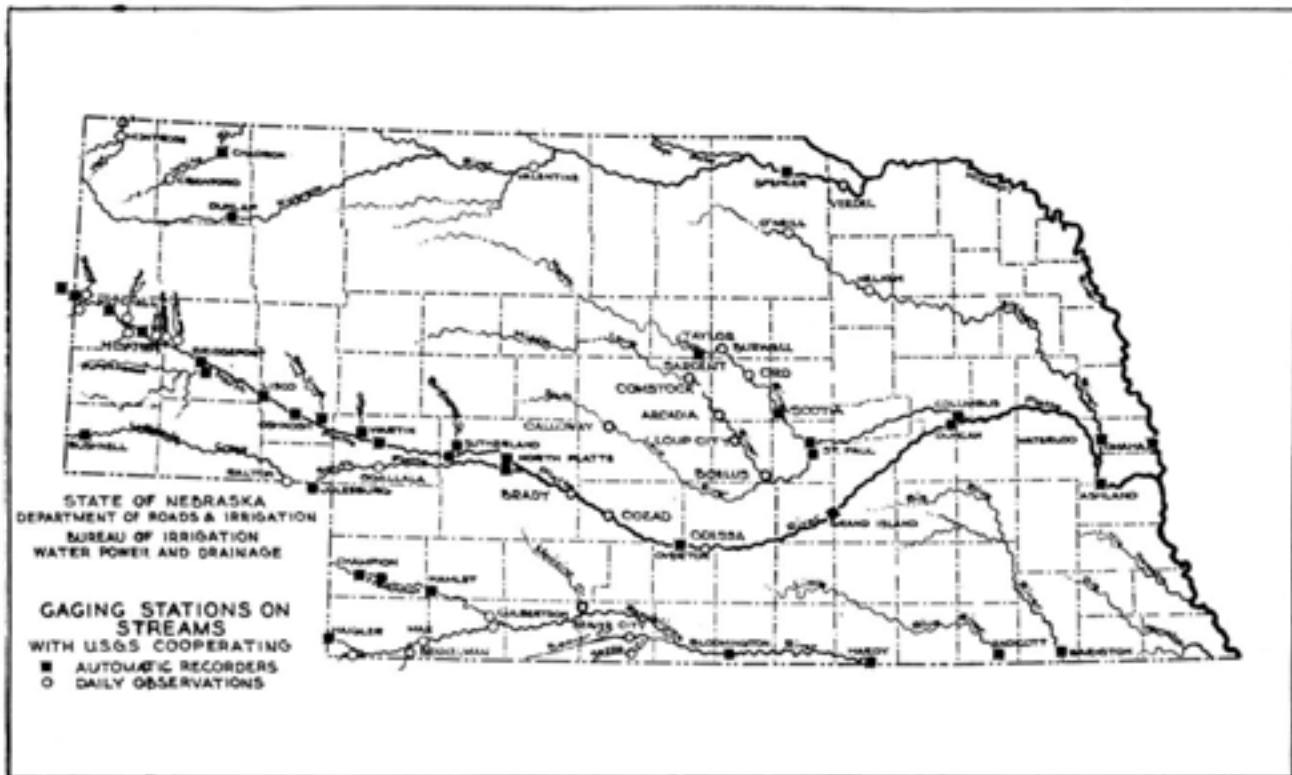
DRAINAGE DISTRICTS—Concluded

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
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
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
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 Hendrichs Ditch)	Aug. 19, 1924
Sarpy	Bellevue Drainage District	Aug. 4, 1921
Sarpy	Chalco-Portal Drainage District	Mar. 15, 1922
Sarpy	South Buffalo Creek Drainage District	May 25, 1926
Sarpy	Rudersdorf Drainage District	Feb. 15, 1927
Sarpy	Zimmerman Drainage District	Mar. 16, 1929
Saunders	Clear Creek Drainage District (Johnson Creek Ditch No. 6)	Aug. 13, 1925
Saunders	Clear Creek Drainage District (Extension of Main and Branch Ditch)	July 3, 1930
Saunders	Leshara Drainage District	Sept. 18, 1930
Scotts Bluff	Scotts Bluff Drainage District	Feb. 28, 1918
Scotts Bluff	Scotts Bluff Drainage District No. 2	Feb. 2, 1932
Scotts Bluff	Gering Drainage District	June 2, 1920
Scotts Bluff	Morrill Drainage District	
Seward	Utica Drainage District	
Stanton	Humburg Drainage District	Mar. 15, 1921
Thurston	Pender Drainage District	Feb. 21, 1918
Thurston	Drainage District No. 2	Sept. 2, 1932
Washington	Papio Valley Drainage District	Mar. 8, 1926



1. Sutherland Spillway and Dam, Looking North from Right Bank of River.
2. Mitchell Canal Headgate from Right Bank. North Platte River in the Background.
3. North River Canal Rating Flume in Section 24-18-47 Just above Junction of North River Canal and Lisco Canals. Waste Gate Control Works Are Visible at the Left.

**DIVISION OF
HYDROGRAPHY AND SURVEYS**



DESCRIPTION OF GAGING STATIONS

NORTH PLATTE RIVER BELOW PATHFINDER DAM, WYOMING

LOCATION: In Section 24, Township 29 North, Range 84 West. Discharge measurements made from a cable located about 25 yards above the recorder shelter. Maintained by the United States Bureau of Reclamation.

ELEVATION.—Approximately 5650.00.

DISTANCE FROM RESERVOIR: About $\frac{1}{2}$ mile below dam.

DRAINAGE AREA:—10,700 square miles.

CHANNEL: 200 feet wide with rock bottom.

GAGE: A chain gage located just above the recorder shelter.

RECORDER: Stevens Type E automatic recorder installed by the United States Bureau of Reclamation in 1932 on the north bank of the river.

OBSERVER: Observations made and discharges furnished by the United States Bureau of Reclamation.

RECORDS AVAILABLE: May 1, 1905, to September 30, 1939.

NORTH PLATTE RIVER BELOW GUERNSEY DAM, WYOMING

LOCATION: In Section 35, Township 27 North, Range 86 West, $\frac{3}{4}$ of a mile below Guernsey Dam and 1 mile northwest of Guernsey. Discharge measurements are made from a cable located about 100 yards below the recorder. Maintained by the United States Bureau of Reclamation.

ELEVATION: 4430.00 feet above mean sea level.

DISTANCE FROM PATH-FINDER RESERVOIR: 192 miles.

DRAINAGE AREA: 16,200 square miles.

GAGE: Slope gage on river bank.

RECORDER: Stevens Type E automatic recorder installed by the United States Bureau of Reclamation on the south bank of the river.

OBSERVER: Observations made and discharges furnished by the United States Bureau of Reclamation.

RECORDS AVAILABLE: October 1, 1927, to September 30, 1938.

NORTH PLATTE RIVER AT WHALEN, WYOMING

LOCATION: In Section 11, Township 26 North, Range 65 West, at diversion dam at Whalen, 8 miles below Guernsey Dam.

ELEVATION—Elevation of concrete weir is 4279.50 feet above mean sea level.

NORTH PLATTE RIVER AT WHELEN, WYOMING—Concluded

DISTANCE FROM PATHFINDER: 260 miles.

DRAINAGE AREA: 16,800 square miles.

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

GAGE: Staff gage in stilling well.

RECORDER:—Automatic recorder on Interstate and Ft. Laramie Canals.

OBSERVER: Observations made by the United States Bureau of Reclamation.

RECORDS AVAILABLE: May 1, 1906, to September 30, 1938.

REMARKS: Discharge records obtained by subtracting flow of Interstate and Ft. Laramie canals from flow below Greensey Reservoir, with correction for any flood inflow from intervening creeks. Usually the Ft. Laramie Canal carries water the year round for the Lingle Power Plant. The flow from the power plant through the tailrace back to the river is not included in the discharge at the river weir for this treatment.

NORTH PLATTE RIVER AT TOWNSHIP, WYOMING

LOCATION: At concrete highway bridge in Section 16, Township 24 North Range 61 West, $\frac{1}{2}$ mile south of Torrington, and about 35 miles below mouth of Laramie River. Established April 1, 1928, by the State of Nebraska. Maintained by the State of Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 4180.00 feet above mean sea level.

DISTANCE FROM PATHFINDER: 230 miles.

DRAINAGE AREA: 21,760 square miles.

BENCH MARKS: No. 1 is a cross chiseled in concrete on downstream handrail 12 feet from south abutment. Elevation, 16.12 feet. No. 2 is the heads of two spikes driven horizontally in blaze 0.5 feet above the base of a 12 inch cottonwood tree, 30 feet to the south and 50 feet downstream from south end of bridge. Elevation, 7.70 feet. No. 3 is a standard tablet in concrete post 150 feet below downstream concrete handrail and opposite station 60, also 73 feet north of north-west corner of swimming pool. Elevation, 6.76 feet. Reference point is slot in brass screw in side of trap door atop. Elevation, 8.58 feet.

GAGE: Outside staff is a 0-6.7 feet enamel scale on 2x6 fastened to wingwall about 4 feet from gage well, and installed June 24, 1935.

RECORDER: A Stevens Type A-21 continuous recorder, installed April 1932, by the State of Nebraska, in wooden shelter with corrugated iron well attached to downstream wingwall at south end of bridge.

OBSERVER: W. L. Jauer, Torrington, Wyoming.

RECORDS AVAILABLE: April 1, 1926, to September 30, 1938.

HIGHEST GAGE READING: 3.11, July 14, Water Year 1937.
1.17, June 21, Water Year 1934

LOWEST GAGE READING: 0.17, April 27, Water Year 1937
0.18, November 23, Water Year 1939

NORTH PLATTE RIVER AT WYOMING-NEBRASKA LINE,
HENRY, NEBRASKA

LOCATION: 1½-inch steel cable in the NE¼ of Sec. 14; 10 Township 23 North, Range 69 West, ¼ mile above the Wyoming-Nebraska State Line, about 500 feet below the headgate of the Mitchell Canal, and 1 mile above Henry, Nebraska. Established April 29, 1929. Maintained by Nebraska, Wyoming and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 4937.00 feet above mean sea level.

DISTANCE FROM PATHFINDER: 240 miles.

DRAINAGE AREA: 22,100 square miles.

BENCH MARKS: No. 1 is the top of ball in concrete on top of entile anchorage on south bank. Elevation, 5.04 feet. No. 2 is a standard label set in concrete post 25 feet northwest of shelter on north bank. Elevation, 4.84 feet. Reference point is a groove in screw in edge of recorder shell. Elevation 9.52 feet.

GAGE: Outside gage is boxed cantilever chain gage on north bank just below shelter. Chain length of 17.08 feet. This gage changed to north bank, April 16, 1932.

RECORDER: Stevens Type A-27 continuous recorder in shelter on north bank. Installed April 16, 1932, by the State of Nebraska.

OBSERVER: Water Commissioner during the irrigation season.

RECORDS AVAILABLE: May 1, 1929, to September 30, 1938.

HIGHEST GAGE READING: 4.08, July 14, Water Year 1937.
2.00, May 19, Water Year 1934

LOWEST GAGE READING: 0.37, May 4, Water Year 1937
0.81, May 12, Water Year 1934.

NORTH PLATTE RIVER AT MITCHELL

LOCATION: Highway bridge near the southwest corner of Section 27, Township 23 North, Range 56 West, ¾ mile south of Mitchell, and 13 miles downstream from the Wyoming-Nebraska Line. Established June 2, 1901. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 3945.00 feet above mean sea level.

NORTH PLATTE RIVER AT MITCHELL—Concluded

DISTANCE FROM PATHFINDER: 253 miles

DRAINAGE AREA: 24,300 square miles.

BENCH MARKS—No. 1 is a cross chiseled in concrete near corner of ledge at approximately road level on downstream side and at end of south downstream wingwall. Elevation, 12.39 feet. No. 2 has been destroyed. Reference point is an adjustable screw fastened to the front edge of the recorder shelf. Elevation 11.84 feet.

GAGE: Outside staff gage, installed May 10, 1935, consisting of 0-0.7 feet enamel scale attached to a 4x6 fastened to downstream side of first pier from south end of bridge with three 1/2-inch bolts set in cement grout. Gage datum lowered 1.00 foot May 6, 1936.

RECORDER:—Stevens Type A-27 continuous recorder in wooden shelter with well, 40 feet downstream from south end of bridge. Installed in October, 1927, by the State of Nebraska.

OBSERVER:—Water Commissioner during the irrigation season.

RECORDS AVAILABLE: From June 2, 1901, to July 10, 1913, and April 18, 1916, to September 30, 1933.

HIGHEST GAGE READING: 4.39, July 15, Water Year 1937.
3.69, May 20, Water Year 1938.

LOWEST GAGE READING: 0.84, May 26, Water Year 1937.
0.95, June 17, Water Year 1938.

NORTH PLATTE RIVER AT MINATARE

LOCATION:—In Section 13, Township 21 North, Range 54 West, 280 feet above highway bridge, 1 1/2 miles southwest of Minatare. Established in May, 1916. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 3820.00 feet above mean sea level.

DISTANCE FROM PATHFINDER: 270 miles.

DRAINAGE AREA: 24,700 square miles.

BENCH MARKS—No. 1 is a cross chiseled in concrete near corner of bridge ledge about 1 foot above floor level on upstream side and at end of north abutment wingwall. Elevation, 11.12 feet. No. 2 is a standard tablet in concrete post, 23 feet downstream from bridge, at station 78. Elevation, 3.68 feet. Adjustable reference point in edge of recorder shelf. Elevation, 9.70 feet.

GAGE:—Outside gage is a 0-3.3 feet enamel scale, 10 feet downstream, fastened to 2x8 lumber driven into bed of stream and spiked securely to large log. Datum is 0.46 foot higher than that used previously.

RECORDER: Stevens Type A-30 continuous recorder in standard timber shelter on north bank of stream. Installed July 21, 1936, by the United States Geological Survey.

OBSERVER: Water Commissioner during the irrigation season.

RECORDS AVAILABLE: May, 1916, to September 30, 1938, with the exception of the year 1920.

HIGHEST GAGE READING: 3.08, July 15, Water Year 1937.
3.00, December 9, Water Year 1938.

LOWEST GAGE READING: 0.05, May 25, Water Year 1937
0.29, June 17, Water Year 1938.

NORTH PLATTE RIVER AT BRIDGEPORT

LOCATION: At concrete highway bridge, consisting of 23 spans of 30 feet clear waterway, in Section 28, Township 20 North, Range 50 West, 1/4 mile north of Bridgeport. Established in May, 1902. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: 3656.15 feet above mean sea level.

DISTANCE FROM PATHFINDER: 293 miles.

DRAINAGE AREA: 25,300 square miles.

BENCH MARKS: No. 1 destroyed summer of 1932. No. 2 is the head of two spikes driven horizontally in tree stump 16 feet downstream from station 36, at south end of bridge. Elevation, 9.02 feet. No. 3 is a cross on top of concrete abutment at south end of bridge. Elevation, 15.82 feet. No. 4 is a standard United States Coast and Geodetic Survey bench mark at rear of office of State Bureau of Irrigation. Elevation, gage datum, 10.17 feet. Elevation, sea level datum, 3686.32. Zero of gage is 3656.15 feet, sea level datum. Reference point is the slot in screw head on face of recorder shelf. Elevation is 13.30 feet.

GAGE: Outside vertical staff gage consisting of 3.3-4.7 feet enamel scale, and four 1-foot sections attached to 2x8, bolted to concrete on downstream side of south abutment of bridge.

RECORDER—Stevens Type CA remote registering continuous recorder. Installed by Nebraska in 1937. Registering receiver is located in the State Bureau of Irrigation office building. Sender is located in a wooden shelter attached to the downstream timber wingwall at south end of bridge. Also a Stevens type A-30 continuous recorder in same shelter. Installed by the United States Geological Survey, June 25, 1934.

OBSERVER: Office engineer, and water commissioner during irrigation season.

RECORDS AVAILABLE: From May, 1902, to 1906, and 1915 to September 30, 1938.

NORTH PLATTE RIVER AT BRIDGEPORT *Continued*

HIGHEST GAGE READING: 6.69, July 16, Water Year 1937
 7.54, December 25, Water Year 1938.

LOWEST GAGE READING: 4.63, May 24, Water Year 1937.
 4.72, June 15, Water Year 1938.

NORTH PLATTE RIVER AT LISCO

LOCATION: Steel highway bridge, consisting of eight 50 foot spans, in Section 23, Township 18 North, Range 46 West, 1/2 mile south of Lisco. Established September 9, 1931. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION - Approximately 3500.00 feet above mean sea level.

DISTANCE FROM PATHFINDER: 321 miles.

DRAINAGE AREA: 26,590 square miles.

BENCH MARKS: No. 1 is a cross chiseled in concrete near corner of bridge seat at downstream end of south abutment. Elevation, 8.86 feet. No. 2 is the top of pier directly above top of staff gage. Elevation, 8.94 feet. Reference point is the slot in brass screw head in face of recorder shell. Elevation, 12.59 feet.

GAGE: A vertical staff gage consisting of 165.7 feet enamel scale attached to downstream end of first concrete pier from south end of bridge.

RECORDER: Stevens Type A-33 continuous recorder installed May 4, 1932, by the United States Geological Survey, in corrugated iron shelter attached to downstream end of first pier from south end of bridge.

OBSERVER: Water continuously during irrigation season.

RECORDS AVAILABLE: April 10, 1916, to October 31, 1917, and September 9, 1931, to September 30, 1938.

HIGHEST GAGE READING: 3.20, February 14, Water Year 1937,
 3.50, April 8, Water Year 1938.

LOWEST GAGE READING: 0.55, May 26, Water Year 1937,
 0.67, June 19, Water Year 1938.

NORTH PLATTE RIVER AT OSHKOSH

LOCATION: Steel truss bridge consisting of seven 98 foot spans, in Section 2, Township 16 North, Range 44 West, about 1 1/2 miles south of Oshkosh. Established March 1, 1928. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 3376.00 feet above mean sea level.

DISTANCE FROM PATHFINDER: 346 miles.

DRAINAGE AREA: 27,500 square miles.

BENCH MARKS. No. 1 is the top of reinforcing bar in north downstream corner of first pier from south bank. Elevation, 9.23 feet. No. 2 is the top of $\frac{3}{8}$ -inch ball set in top of south downstream bridge seat. Elevation, 9.05 feet. Reference point is the slot in arrow head set in edge of recorder shelf. Elevation, 13.20 feet.

GAGE: Outside staff gage consisting of 0-6.7 foot enamel scale attached to pier near shelter.

RECORDER.—Stevens Type A-30 continuous recorder installed April 23, 1933, by the United States Geological Survey, in corrugated iron shelter attached to downstream end of second pier from south bank of the stream.

OBSERVER: Water Commissioner during irrigation season.

RECORDS AVAILABLE: April 7, 1916, to October 30, 1917, and from March 1, 1928, to September 30, 1938.

HIGHEST GAGE READING: 3.32 February 17, Water Year 1937.
3.13, May 20, Water Year 1938.

LOWEST GAGE READING: 0.85, May 20, Water Year 1937.
0.95, June 19, Water Year 1938.

SOUTH PLATTE RIVER AT MARTIN

LOCATION: Steel and concrete highway bridge consisting of fourteen 54-foot spans in Section 21 Township 15 North Range 28 West, 1 mile south of Martin, a town on the Union Pacific Railroad. Established November 20, 1933. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 3120.00 feet above mean sea level.

DISTANCE FROM PATHFINDER:—392 miles.

DRAINAGE AREA: 30,000 square miles.

BENCH MARKS: No. 1 is a cross on top of downstream end of south abutment. Elevation, 14.72 feet. No. 2 is directly below No. 1, and is the top of first reinforcing bar anchorage. Elevation, 4.83 feet. Reference point is the top of bandrail directly over trap door in recorder shelf. Elevation, 16.21 feet.

GAGE: Staff gage consisting of 0-6.7 foot enamel scale fastened to a 2x6 plank attached by means of one $\frac{3}{8}$ -inch bolt through the right leg of each hand supporting the well.

RECORDER: Stevens Type A-30 continuous recorder, installed November 20, 1933, by United States Geological Survey, in wooden

NORTH PLATTE RIVER AT MARTIN—Concluded

shelter with galvanized iron well attached to downstream end of first pier from south end of bridge.

OBSERVER: Water Commissioner during irrigation season.

RECORDS AVAILABLE: November 20, 1933, to September 30, 1938.

HIGHEST GAGE READING:—2.99, February 20, Water Year 1937.
4.05, December 7, Water Year 1938.

LOWEST GAGE READING:—0.30, May 20, Water Year 1937
0.62, June 19, Water Year 1938.

Note:—Station abandoned September 30, 1938.

NORTH PLATTE RIVER AT SUTHERLAND

LOCATION: At highway bridge on Section 4, Township 14 North, Range 33 West, 3½ miles north of Sutherland. Established April 25, 1936. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 2930.00 feet above mean sea level.

DISTANCE FROM PATHFINDER: 405 miles.

DRAINAGE AREA: 31,700 square miles.

BENCH MARKS.—No. 1 is a standard bronze tablet set in top of a concrete post located 245 feet from north end of bridge, and 25 feet downstream from center line of road. Elevation, 9.17 feet. No. 2 is a cross chiseled in concrete ledge and painted red, at extreme north end of downstream guardrail. Ledge is about 2½ feet above bridge floor. Elevation, 15.27 feet. Adjustable reference point on floor of shelter. Elevation, 16.69 feet.

GAGE: Outside staff gage 0-6.74 feet enamel scale fastened to a 2"x6'x12' board on the downstream side of pier to which well and shelter are fastened.

RECORDER: Stevens Type A-25 recorder located at downstream end of fourth pier from the north bank, in wooden shelter. Installed April 25, 1936, by the United States Geological Survey.

OBSERVER: Water Commissioner during irrigation season

RECORDS AVAILABLE: April 25, 1936, to September 30, 1938.

HIGHEST GAGE READING: 5.90, February 6, Water Year 1937
4.85, April 29, Water Year 1938

LOWEST GAGE READING: 2.45, August 22, Water Year 1937.
2.90, July 15, Water Year 1938.

NORTH PLATTE RIVER AT NORTH PLATTE

LOCATION:—Concrete highway bridge consisting of 14 spans, in Section 28, Township 14 North, Range 30 West, $\frac{1}{2}$ mile north of the city of North Platte, and about $4\frac{1}{2}$ miles above junction with South Platte River. Established February 25, 1895. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 2794.90 feet above mean sea level.

DISTANCE FROM PATHFINDER:—422 miles.

DRAINAGE AREA:—32,000 square miles U. S. Geological Survey.

BENCH MARKS: No. 1 is the top of nose of pier on upstream side of bridge, 350 feet from south end. Elevation, 10.84 feet. No. 2 is the top of bolt in bed plate in downstream end of south abutment. Elevation, 10.42 feet. No. 3 is the top of bed plate in downstream end of south abutment. Elevation, 10.29 feet. No. 4 is the top of bed plate, at south end, on downstream end of pier supporting gage shelter. Elevation, 10.44 feet. Reference point is the slot in head of screw in recorder shelf. Elevation, 16.73 feet.

GAGE: 57-foot vertical staff gage fastened to the first pier from the south end of the bridge on the downstream side.

RECORDER: Stevens Type A-27 continuous recorder, in corrugated iron shelter attached to downstream side of first pier from south end of the bridge. Installed by the State of Nebraska.

OBSERVER:—A. W. Shilling, North Platte.

RECORDS AVAILABLE: February 25, 1895, to September 30, 1938.

HIGHEST GAGE READING:—5.12, February 11, Water Year 1937.
4.25, February 28, Water Year 1928.

LOWEST GAGE READING:—2.00, July 10, Water Year 1937.
2.23, July 17, Water Year 1938.

SOUTH PLATTE RIVER AT JULESBURG

LOCATION: On timber highway bridge with concrete floor, in Section 33, Township 12 North, Range 44 West, about $\frac{1}{2}$ mile south of Julesburg, Colorado, on Highway No. 51. The river is divided into four channels, numbered 1, 2, 3, and 4, beginning with the south channel. During the last 6 years channel No. 2 has been the most important. Channel No. 1 is silted and carries very little water. Channels No. 3 and No. 4 are practically dry. During flood periods the four channels become one. Established April 2, 1902. Maintained by the State of Colorado, the State of Nebraska, and the United States Geological Survey.

SOUTH PLATTE RIVER AT JULESBURG—Continued

ELEVATION: Approximately 3450.00 feet above mean sea level.

DRAINAGE AREA: 20,600 square miles.

BENCH MARKS: Channel No. 1. No. 1 is a standard brass tablet located between the recorder shelter and the highway. Elevation, 8.26 feet. Reference point is the slot in screw head in edge of recorder shelf. Elevation, 10.75 feet.

Channel No. 2. No. 1 is a standard brass tablet set in concrete block located about 75 feet southeast of recorder shelter. Elevation, 6.07 feet. Adjustable reference point set in edge of recorder shelf. Elevation 11.25 feet.

Channel No. 3. No. 1 is two spikes in top of piling farthest from bridge on wingwall on east side and south end of north span of bridge. Elevation, 100.00 feet. Elevation of zero of chain gage is 84.57 feet.

Channel No. 4. No. 1 is standard brass tablet set in concrete block located next to the fence, and about 50 feet upstream from shelter. Elevation, 6.16 feet. Reference point is slot in screw head in edge of recorder shelf. Elevation, 8.41 feet.

GAUGES.—Channel No. 1. Cantilever chain gage 4 feet upstream from shelter, 17.58 feet long.

Channel No. 2. Cantilever chain gage 16.13 feet long, 20 feet downstream from shelter.

Channel No. 3. Chain gage on downstream side of highway bridge about 50 feet north of south end of span over channel No. 3. 17.28 feet long.

Channel No. 4. Cantilever chain gage 10 feet below shelter, 17.15 feet long.

RECORDERS. Channel No. 1. A 6-inch Stevens Type 1, recorder in small wooden shelter about 300 feet downstream from highway bridge on south bank of channel No. 1.

Channel No. 2. Stevens Type A-30 continuous recorder supplied by the State of Nebraska, in wooden shelter on south bank of channel No. 2, about 500 feet downstream from highway bridge. Tape gage 10 feet is 11.00 feet long.

Channel No. 3. No recorder.

Channel No. 4. A 6-inch Stevens Type 1, automatic recorder in wooden shelter on north bank of channel No. 4 about 500 feet downstream from highway bridge.

OBSERVER: Arian Lunn, Julesburg, Colorado.

RECORDS AVAILABLE: April, 1902, to November 14, 1906; May 12, 1908, to September 30, 1914; January 1, 1923, to September 30, 1938.

SOUTH PLATTE RIVER AT OGALLALA

LOCATION: On highway bridge in Section 6, Township 13 North, Range 28 West, half a mile south of Ogallala, Established April 7, 1931. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 3210.00 feet above mean sea level.

DRAINAGE AREA: 23,500 square miles.

BENCH MARKS: No. 1 is a chisel mark on pier opposite 8-foot work of gage. Elevation 3199 feet.

GAGE: Enamel scale calibrated from 0 to 67 feet, attached to 2x6 plank fastened to downstream end of fifth pier from north end of abutte.

RECORDER: None.

OBSERVER: Water commissioner during irrigation season.

RECORDS AVAILABLE: Miscellaneous measurements, 1924 to 1936. Daily discharge during calendar year 1923, and the May to September periods of 1927 and 1935.

SOUTH PLATTE RIVER AT NORTH PLATTE

LOCATION: On concrete highway bridge consisting of ten 50-foot spans, in Section 9, Township 13 North, Range 30 West, $\frac{1}{4}$ mile south of North Platte, Nebraska. Established June 1, 1914. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 2738.10 feet above mean sea level.

DRAINAGE AREA: 24,300 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in a 4-foot concrete post on the south bank, 35 feet back of the bank and 15 feet downstream from the gage. Elevation, 1185 feet. Adjustable reference point set in floor of shelter. Elevation, 2614 feet.

GAGE: To provide for the possibility of the channel changing from one side of the stream to the other, a 15-foot staff gage was placed on each side of the river during October, 1934. Weather Bureau staff gages 10-10 foot enamel scale marked in feet and tenths of foot were mounted on 4-x6-inch x10-foot timbers and bolted to the downstream ends of the first piers from each bank. These gages were set, and both referred to the above described bench marks and to the same elevation. Additional staff gages ranging from 10-16 feet were mounted on 4-x6-inch x6-foot timbers bolted to downstream sides of each abutment.

RECORDER: Stevens Type A-20 continuous recorder installed in a galvanized metal sheathed wooden shelter mounted over a corrugated

SOUTH PLATTE RIVER AT NORTH PLATTE—Concluded

galvanized metal well attached to the downstream end of the first pier from the south end of the bridge. Installed by the United States Geological Survey on December 8, 1936.

OBSERVER: A. W. Shilling, North Platte, and water commissioner during irrigation season.

RECORDS AVAILABLE—June 1, 1914, to September 30, 1936

HIGHEST GAGE READING: 3.00, February 12, Water Year 1937.
4.03, September 13, Water Year 1938.

LOWEST GAGE READING: Dry, Water Year 1937.
0.79, April 6, Water Year 1938.

PLATTE RIVER AT OVERTON

LOCATION Concrete highway bridge consisting of 25 35.5-foot spans center to center, on north and south center line through Section 12, Township 8 North, Range 20 West, 4 miles south of Overton. Established in June, 1916. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: Approximately 2320.00 feet above mean sea level

DISTANCE FROM PATHFINDER:—490 miles.

DRAINAGE AREA:—56,400 square miles.

BENCH MARKS: No. 1 is the top of concrete guardrail on upstream side at north end of bridge. Elevation, 14.29 feet. No. 2 is the top of concrete guardrail on downstream side at south end of bridge. Elevation 14.32 feet. No. 3 is a cross on curb on upstream side at north end of bridge. Elevation, 12.06 feet. No. 4 is two 60-l spikes driven horizontally in base of a 6-inch cottonwood tree, 10 feet south and 3 feet east from shelter. Elevation 6.42 feet. Reference point is the slot in screw head in face of recorder shelf. Elevation, 10.34 feet.

GAGE: Foumcl scale gage calibrated from 0 to 3.7 feet, attached to downstream end on first pier from south end of bridge.

RECORDER: Stevens Type A-27 continuous recorder on south bank of stream, 40 feet downstream from bridge. Installed by the State of Nebraska.

OBSERVER: H. D. Long, Overton.

RECORDS AVAILABLE: June, 1915, to September 30, 1938 with the exception of the year 1924.

HIGHEST GAGE READING:—4.75, February 17, Water Year 1937
4.50, February 11, Water Year 1938

LOWEST GAGE READING:—Dry, Water Year 1937.
Dry, Water Year 1938

PLATTE RIVER AT GRAND ISLAND

LOCATION:—Bridge on Highway No. 2, in Section 36, Township 11 North, Range 9 West, 5 miles southeast of Grand Island. Established May 25, 1933. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—About 1840.00 feet above mean sea level.

DISTANCE FROM PATHFINDER:—560 miles.

DRAINAGE AREA:—59,500 square miles.



General View of Gaging Station with Recorder Shelter and Chain Gage on Bridge over Platte River near Odessa.

BENCH MARKS:—No. 1 is a standard bronze tablet set in upstream end of north abutment. Elevation, 13.66 feet. Reference point is the slot in screw head in recorder cabinet. Elevation, 12.30 feet.

GAGE:—Chain gage 17.77 feet long, on the upstream handrail of bridge.

RECORDER:—Stevens Type A-30 continuous recorder in wooden shelter on north bank, 30 feet downstream. Installed October 23, 1933, by the United States Geological Survey.

OBSERVER:—None.

RECORDS AVAILABLE:—May 25, 1933, to September 30, 1938.

HIGHEST GAGE READING:—4.08, March 7, Water Year 1937.

LOWEST GAGE READING:—Dry, Water Year 1937.

Dry, Water Year 1938.

PLATTE RIVER AT DUNCAN

LOCATION:—Concrete highway bridge consisting of eighteen 50-foot spans, in Section 12, Township 16 North, Range 2 West, $1\frac{1}{2}$ miles south of Duncan. Established October 25, 1928. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 1478.7 feet above mean sea level.

DISTANCE FROM PATHFINDER:—632 miles.

DRAINAGE AREA:—61,600 square miles.

BENCH MARKS:—No. 1 is the top of old engine valve set flush with top of first pier from north end, near upstream point. Elevation, 12.80 feet. No. 2 is a standard bronze tablet in 4-foot concrete post located behind middle of north downstream wingwall. Elevation, 10.07 feet. Reference point is the slot in screw in edge of recorder shelf. Elevation, 13.98 feet.

GAGE:—Enamel scale calibrated from 0 to 10 feet, fastened to a 4x6 timber bolted to downstream end of first concrete pier from north end. Elevation of zero of gage is 1478.80 feet above sea level.

RECORDER:—Stevens A-30 recorder in a standard timber shelter. Installed September 20, 1934. (Property of Weather Bureau).

OBSERVER:—Arthur J. Lindley, Caretaker.

RECORDS AVAILABLE:—From October, 1928, to September 30, 1938.

PLATTE RIVER AT ASHLAND

LOCATION:—Half a mile above bridge on Highway No. 6 in Section 30, Township 13 North, Range 10 East, at United States Rifle Range, 3 miles northeast of Ashland. Established September 29, 1933, to replace station maintained at old highway bridge 950 feet downstream. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 1020.00 feet above mean sea level.

DISTANCE FROM PATHFINDER:—719 miles.

DRAINAGE AREA:—83,800 square miles.

BENCH MARK:—No. 1 is two spikes driven horizontally in blaze in 24-inch cottonwood tree located just back of levee on south bank. The tree is the one nearest the old bridge location on the downstream side. Elevation, 8.27 feet. No. 2 is a bronze tablet set in top of concrete pedestal at base of flag pole, located 150 feet upstream and 20 feet in front of shelter. Elevation, 10.43 feet. This is a University of Nebraska bench mark. Reference point is the slot in screw head in recorder shelf. Elevation, 13.25 feet.

GAGE: Cantilever chain gage is located 5 feet downstream from shelter. Length of chain, 19.66 feet. Elevation of zero of gage is 1020.1 feet above sea level.

RECORDER:—Stevens Type A-30 continuous recorder, installed in standard wooden shelter on south bank of stream, September 29, 1933, by the United States Geological Survey.

OBSERVER: Richard W. Reiss, Caretaker.

RECORDS AVAILABLE: August, 1928, to September 30, 1934.

HIGHEST GAGE READING: 5.30, March 6, Water Year 1937
7.01, July 8, Water Year 1938.

LOWEST GAGE READING: Not available, Water Year 1937.
Not available, Water Year 1938.

ARIKAREE RIVER NEAR HAIGLER

LOCATION:—In Section 28, Township 4 North, Range 41 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA:—3242.45 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post located 43 feet south from south bank of stream and 53 feet upstream from east end of railroad bridge. Elevation, 15.02 feet.

GAGE: The flood of May 31, 1935, destroyed the old gage. On June 5, 1935, a vertical staff gage was attached to sturt pile at downstream end of first trestle bent from south bank on railroad bridge. This is about 200 feet from the old location. The gage is a 0-67 feet enamel scale.

OBSERVATIONS: Made twice daily by Gustave Gall.

RECORDS AVAILABLE: March, 1932, to September 30, 1934.

DAYARD SUGAR FACTORY DRAIN NEAR DAYARD

LOCATION:—West quarter corner of Section 4, Township 20 North, Range 32 West.

BENCH MARKS: No. 1 is a cross on top of concrete wingwall directly above gage. Elevation 5.45 feet.

GAGE: Staff gage consisting of 0-3.3 feet enamel scale mounted on a 2x6 plank fastened with two 5/16-inch lag screws and expanding shields to the west upstream wingwall of the flume over the abandoned Alliance canal siphon.

OBSERVATIONS: Made twice daily by George E. Fox.

RECORDS AVAILABLE: October, 1931, to September 30, 1934.

BEAVER CREEK NEAR BEAVER CITY

LOCATION: In Section 23, Township 2 North, Range 23 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1240 square miles.

BENCH MARKS: No. 1 is a cross chiseled on north downstream bridge abut. Elevation, 12.24 feet. No. 2 is a spike in stream side of telephone pole on south downstream bank. Elevation, 11.42 feet.

GAGE: Chain gage on downstream side of upper chord of pony-truss bridge, scale 0-10.1 feet. Chain length is 19.63 feet.

OBSERVATIONS: Made twice daily by P. C. Smith.

RECORDS AVAILABLE: From May 1, 1937, to September 30, 1938.

BIRDWOOD CREEK NEAR KERSHEY

LOCATION: In Section 2, Township 14 North, Range 33 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 286 square miles.

BENCH MARKS: -No. 1 is a standard bronze tablet in 4-foot concrete post located 9 feet downstream and 3 feet to the east of the recorder shelter. Elevation, 6.78 feet.

GAGE: Stevens Type E recorder in small timber shelter at east bank, 14 feet back of east abutment; and 9 feet downstream from bridge. Installed December 17, 1934, by the United States Geological Survey. Charts referred to adjustable reference point in 2x4 block nailed to recorder shelf. Elevation, 12.18 feet. Outside gage is vertical staff 0-6.7 feet, at downstream end of west abutment.

OBSERVER: Mrs. Mabel H. Welch, Caretaker.

RECORDS AVAILABLE: January, 1922, to September 30, 1938.

BLUE CREEK NEAR LEWELLEN

LOCATION: North line of Section 30, Township 10 North, Range 42 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 267 square miles.

BENCH MARKS: No. 1 is the top of 3/4-inch bolt driven horizontally in 1 1/2-inch cottonwood located 30 feet upstream from gage, and 8 feet back from east bank. Elevation, 4.60 feet. No. 2 is a bronze tablet set in concrete 60 feet east of shelter. Elevation, 4.28 feet.

GAGE: Stevens Type K recorder in small timber shelter constructed June, 1934. Installed by United States Geological Survey. Located at east bank 40 feet below bridge. Adjustable reference point in edge of recorder shelf. Elevation 7.45 feet above the datum of the staff gage used previously. A cantilever chain gage is fastened to the upstream side of the shelter.

OBSERVER—George Post, caretaker.

RECORDS AVAILABLE: January, 1921, to September 30, 1935

BLUE RIVER, BIG, AT BARNSTON

LOCATION: In Section 13, Township 1 North, Range 7 East. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 4,350 square miles.

BENCH MARKS:—No. 1 is the fourth rivet (marked with chisel) from downstream end in cross brace between cast cylinder piers. Elevation, 18.72 feet. No. 2 is the top of 1/2-inch bolt driven in downstream side of 20-inch maple on east bank, 60 feet downstream from bridge, and 30 feet back from bank. Elevation, 18.51 feet. No. 3 is a standard United States Geological Survey bronze tablet set in concrete post, 40 feet downstream from rear edge of shelter. Elevation, 18.47 feet.

GAGE: Stevens Type A-30 automatic recorder installed in standard wooden shelter on west bank, 200 feet upstream from highway bridge. Installed by United States Geological Survey. Referred to inside electric tape gage. Zero elevation of tape is 25.00 feet. Outside gage is chain gage fastened to downstream truss of highway bridge. Chain length, 38.64 feet.

OBSERVER: Robert Cornett, caretaker.

RECORDS AVAILABLE: May, 1932, to September 30, 1936

BLUE RIVER, LITTLE, AT ENDICOTT

LOCATION: In Section 5, Township 1 North, Range 3 East. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 2,980 square miles.

BENCH MARKS. No. 1 is two spikes driven horizontally in large cottonwood tree at beginning of east approach 25 feet south of road. Elevation, 19.11 feet. No. 2 is a bronze tablet set in concrete post 20 feet in front and 5 feet downstream from shelter. Elevation, 19.54 feet. The gage datum was lowered 1.00 foot June 20, 1934.

GAGE: Stevens 1: 8-day recorder installed July 31, 1930, by the United States Geological Survey. This was replaced by a Stevens Type

BLUE RIVER, LITTLE, AT ENDICOTT—Continued

A-35 recorder. Referred to inside tape gage, reference point for which is slot in screw in recorder shell. Elevation, 18.57. Outside gage is chain gage fastened to downstream guardrail of highway bridge. Chain length, 16.21 feet.

OBSERVER: Lewis Kasparek, caretaker.

RECORDS AVAILABLE: April, 1929, to September 30, 1938.

ELKHORN RIVER AT NELIGH

LOCATION: In Section 20, Township 25 North, Range 6 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1,740 square miles.

BENCH MARKS: No. 1 is the top of river end of steel sheeting located 25 feet upstream from gage on west bank. Elevation, 6.98 feet. No. 2 is a chiseled cross in downstream end of concrete wall of old dam on west bank about 100 feet below bridge. Cross is painted and surmounted by circle of red paint. Elevation, 13.30 feet. No. 3 is a standard bronze tablet on top of concrete post, located on west bank 33 feet downstream from downstream end of bridge and 11 feet back from concrete retaining wall. Elevation, 16.68 feet.

GAGE: Boxed chain gage fastened to a 2-x6-inch x14-foot plank bolted to handrail of bridge. Enamel scale is calibrated from 0 to 10 feet. Length, 24.34 feet. Gage installed April 15, 1933, to replace staff gage used previously.

OBSERVATIONS:—Made twice daily by J. L. Long.

RECORDS AVAILABLE: March, 1931, to September 30, 1933.

ELKHORN RIVER AT WATERLOO

LOCATION: In Section 10, Township 15 North, Range 10 East. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: 1110.1 feet above mean sea level.

DRAINAGE AREA: 6390 square miles.

BENCH MARKS: No. 1 is a cross on the outer corner of south downstream wingwall. Elevation, 17.61 feet. No. 2 is a standard bronze tablet set in concrete post located fourteen feet downstream, and 17 feet south of bridge, along toe of slope of highway grade. Elevation, 12.57 feet.

GAGE: Stevens Type A-30 recorder in standard wooden shelter. Installed by the United States Geological Survey. Reference point is

slot in screw in edge of recorder shelf. Elevation, 15.82 feet. Outside gage is chain gage on bridge used previously. Length, 21.96 feet.

OBSERVER: Brooks Moore, caretaker.

RECORDS AVAILABLE: May, 1917, to July, 1918; August, 1925, to September 30, 1938.

FRENCHMAN RIVER ABOVE CHAMPION

LOCATION: Section 19, Township 6 North, Range 39 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1020 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post, 28 feet downstream from gage shelter, 25 feet back of north bank. Elevation, 6.60 feet. Adjustable reference point set in edge of recorder shelf. Elevation, 11.94 feet.

GAGE: Stevens Type A-30 recorder in small wooden shelter on north bank, about 100 yards downstream from highway. Installed by the United States Geological Survey.

OBSERVATIONS: Engineer's Cooperative Survey.

RECORDS AVAILABLE: January, 1924, to September 30, 1938.

FRENCHMAN RIVER BELOW CHAMPION

LOCATION: In SW¹/₄ of Section 22, Township 6 North, Range 39 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1020 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post in line with cantilever posts and 18 feet back of front post. Elevation, 8.68 feet. Adjustable reference point set in edge of recorder shelf. Elevation, 7.62 feet.

GAGE: Stevens Type E recorder in small wooden shelter about $\frac{1}{4}$ mile east of Champion. Installed by the United States Geological Survey. Outside gage is cantilever chain gage 4 feet downstream from gage house. Chain length, 15.82 feet.

OBSERVER: Frank Silvester, caretaker.

RECORDS AVAILABLE: March 2, 1935, to September 30, 1938.

FRENCHMAN RIVER NEAR HAMLET

LOCATION: In Section 30, Township 5 North, Range 34 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

FRENCHMAN RIVER NEAR HAMLET—Concluded

ELEVATION:—2798.43 feet.

DRAINAGE AREA:—1420 square miles.

BENCH MARKS: No. 1 destroyed. No. 2 is a standard United States Geological Survey reference tablet in concrete post, 34.5 feet downstream from southeast corner of the recorder shelter on north bank. Elevation, 7.79 feet. Elevation of gage zero is 2798.43 feet above mean sea level. Adjustable reference point set in edge of recorder shelf. Elevation, 12.07 feet.

GAGE: Stevens Type A-30 recorder in standard wooden shelter. Installed by the United States Geological Survey. Outside gage is enamel scale calibrated from 0 to 10 feet, attached to downstream pile bent at south side of bridge.

OBSERVER: Everett T. Cox, caretaker.

RECORDS AVAILABLE:—April, 1929, to September 30, 1936.

FRENCHMAN RIVER AT SUBERTSON

LOCATION: In Section 17, Township 3 North, Range 31 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: 2581.93 feet above mean sea level.

DRAINAGE AREA:—2800 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post 5½ feet deep, located on south bank 65 feet from bank and 22 feet downstream from gage. Elevation, 6.24 feet.

GAGE: Vertical staff, enamel scale calibrated from 0 to 3.3 feet, attached to downstream pile of fifth bent from south bank. Datum lowered 1.00 feet June 1, 1935.

OBSERVATIONS: Made twice daily by C. W. Tiger.

RECORDS AVAILABLE: January, 1922 to September 30, 1933.

GERING DRAIN NEAR GERING

LOCATION: East line of Section 6, Township 21 North, Range 34 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

BENCH MARKS: No. 1, destroyed. No. 2 is the heads of two spikes driven horizontally in pile cap at east abutment near downstream end. Elevation, 10.50 feet. No. 3 is a standard tablet in concrete post 72 feet from east end and 2 feet upstream from upstream handrail. Elevation, 10.16 feet.

GAGE: Chain gage on downstream handrail of pile-bent bridge at station 34.5. Box and 0-101 foot scale mounted on 2"x8"x14' plank

fastened to wooden handle by two $\frac{1}{2}$ -inch bolts. Chain length, 17.67 feet.

OBSERVATIONS: Made twice daily by Ruben Funk.

RECORDS AVAILABLE: January, 1923, to September 30, 1925.

HORSE CREEK NEAR LYMAN

LOCATION:—In Section 25, Township 23 North, Range 58 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1860 square miles.

BENCH MARKS: No. 1 is a cross on coping at north end of siphon on center line. Elevation, 15.38 feet.

GAGE: Staff consisting of 0-6.7 feet enamel scale fastened to an 8x8 piling 5 feet upstream from Station 28, and 15 feet below center line of siphon.

OBSERVATIONS: Made twice daily by Delbert Thunney.

RECORDS AVAILABLE: January, 1921 to September 30, 1926.

LODGEPOLE CREEK AT BUSHNELL

LOCATION: In Section 35, Township 14 North, Range 57 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1090 square miles.

BENCH MARKS: No. 1 is a cross set in top of north upstream wingwall. Elevation, 3.28 feet. No. 2 is a standard bronze tablet set in top of concrete post located 58 feet back of shelter and 4 feet downstream on south bank. Elevation, 5.74 feet. Adjustable reference point set in edge of recorder shell. Elevation, 3.38 feet.

GAGE: Stevens Type B recorder installed in a small wooden shelter on the south bank, 6 feet back of staff gage used previously, by the United States Geological Survey on March 26, 1928. Outside gage is a vertical staff, consisting of a 0-3.3 feet enamel scale fastened to south wall of concrete frame, 3 feet from upstream end. Same gage used previously.

OBSERVER: R. W. Garrett caretaker

RECORDS AVAILABLE: January, 1924 to September 30, 1934.

LOUP RIVER AT COLUMBUS

LOCATION: On highway bridge, west line of Section 20, Township 17 North, Range 1 East. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

LOUP RIVER AT COLUMBUS Concluded

DRAINAGE AREA: 14,200 square miles.

BENCH MARKS: No. 5 is a standard bronze tablet set in concrete post located 7 feet upstream from shelter and 8 feet back from east bank. Elevation, 8.05 feet. Gage datum 1438.34 feet above mean sea level.

GAGE:—Chain gage on highway bridge on U. S. Highway No. 51. Chain length is 23.40 feet.

OBSERVATIONS:—Made twice daily by an engineer of the Loup River Public Power District.

RECORDS AVAILABLE: From January 1, 1895, to September 30, 1915, and from March 9, 1931, to September 30, 1936.

LOUP RIVER, MIDDLE, NEAR SARGENT

LOCATION:—On November 11, 1936 this station was moved from Section 1, Township 19 North, Range 20 West to Section 16, Township 19 North, Range 18 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 3660 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet in concrete post located 28 feet back and then 41 feet downstream at right angles from east downstream edge of bridge. Elevation, 10.74 feet. No. 2 unreliable.

GAGE: Chain gage on highway bridge. Chain length is 13.89 feet.

OBSERVATIONS: Read twice daily by employee of Middle Loup Public Power and Irrigation District.

RECORDS AVAILABLE: From December 4, 1936, to September 30, 1939.

LOUP RIVER, MIDDLE, AT ARCADIA

LOCATION: In Section 26, Township 17 North, Range 18 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 3910 square miles

BENCH MARKS: No. 1 is the bottom edge of bottom nail driven horizontally into an 18-inch willow tree 7 feet above the ground surface, 160 feet directly downstream from gage on west bank. Elevation, 10.85 feet. No. 2 is a standard bronze tablet set in concrete post located on line with front of shelter and 30 feet downstream. Elevation, 5.18 feet. Adjustable reference point. Elevation, 11.00 feet.

GAGE:—Stevens Type A-35 continuous recorder installed in a standard wood shelter located on the east bank, just below the highway

bridge. Installed by the United States Geological Survey on April 23, 1935. Outside gage is chain gage on bridge. Chain length is 14.04 feet. Gage datum raised 1.23 feet when recorder was installed.

OBSERVER: Middle Loup Public Power and Irrigation District.

RECORDS AVAILABLE: From July 1, 1937 to September 30, 1938.

LOUP RIVER, MIDDLE, AT LOUP CITY

LOCATION: In Section 14, Township 15 North, Range 15 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 4060 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post located on east bank, 77 feet back from end of steel span, and then at right angles 55 feet downstream. Elevation, 5.92 feet. No. 2 is the heads of two spikes driven horizontally into an 18-inch cottonwood tree located on the east bank, 55 feet back from end of steel span, and then at right angles 43 feet downstream. Elevation, 5.89 feet.

GAGE:—Chain gage on bridge. Chain length is 16.77 feet.

OBSERVATIONS: Read twice daily by employee of the Middle Loup Public Power and Irrigation District.

RECORDS AVAILABLE: From December 30, 1936, to May 15, 1938.

Note: This station was abandoned on May 16, 1939.

LOUP RIVER, MIDDLE, AT BOELUS

LOCATION: In Section 29, Township 13 North, Range 12 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 4210 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post located on the south bank of river, 500 feet along road from end of bridge, then at right angles 96 feet downstream. Elevation, 9.79 feet. No. 2 is the heads of two 16d. nails driven horizontally into the base of a 30-inch cottonwood tree located on south bank 114 feet along road from end of bridge, then at right angles 96 feet downstream. Elevation, 5.77 feet.

GAGE:—Chain gage on bridge 35 feet from south abutment. Chain length is 14.81 feet.

OBSERVATIONS: Read twice daily by W. D. Sanders.

RECORDS AVAILABLE: From December 7, 1936, to September 30, 1938.

LOUP RIVER, MIDDLE, AT ST. PAUL

LOCATION: In Section 10, Township 14 North, Range 10 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—1778.41 feet above mean sea level.

DRAINAGE AREA: 7320 square miles.

BENCH MARKS: No. 1 is a cross in outer corner of bed plate on downstream side of north abutment of highway bridge. Elevation, 1323 feet. No. 2 is a standard bronze plug in top of pipe, located 15 feet northeast of south downstream wingwall. Elevation, 741 feet. No. 3 is a standard bronze tablet set in top of concrete post located 48 feet in front of shelter and in line with upstream side. Elevation, 745 feet. Zero of gage is 1778.41 feet above mean sea level.

GAGE: Stevens Type A-30 recorder in standard wooden shelter on north bank, 300 yards upstream from highway bridge, installed by the United States Geological Survey. Charts referred to tape gage and weight, reference point for which is slot in screw in edge of recorder shelf. Elevation, 1179 feet. Outside gage is cantilever chain gage 6 feet downstream from shelter. Chain length is 12.78 feet.

RECORDS AVAILABLE: May, 1895, to October, 1897; April to October, 1899; April to November, 1903, August 1923, to September 30, 1938.

LOUP RIVER, NORTH, AT TAYLOR

LOCATION: In Section 23, Township 21 North, Range 18 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1750 square miles.

BENCH MARKS: No. 1 is a bronze tablet set in top of 3-inch pipe, located 250 feet in front of shelter and 180 feet downstream. Elevation, 957 feet. No. 2 is a cross chiseled in concrete and encircled with red paint on the top of south downstream wingwall of bridge. Elevation, 1055 feet. Adjustable reference point set in edge of recorder shelf. Elevation, 1230 feet.

GAGE: Stevens A-35 continuous recorder installed in a standard timber shelter, located on the south bank 450 feet above bridge, by the United States Geological Survey on September 28, 1938. Outside gage is a cantilever chain gage near shelter. Chain length is 15.80 feet. Datum is same as that of chain gage on bridge previously used.

RECORDS AVAILABLE: From November 26, 1936, to September 30, 1938.

LOUP RIVER, NORTH, AT DURWELL

LOCATION: In Section 19, Township 21 North, Range 16 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 3190 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post located on west bank 35 feet along road, and then at right angles 30 feet downstream. Elevation, 7.62 feet. No. 2 is the heads of two nails driven vertically in a notch in the base of an 18 inch elm tree located on the west bank 100 feet along the road from end of bridge, and 20 feet upstream. Elevation, 7.89 feet.

GAGE: Chain gage on bridge, 70 feet from west end. Chain length is 16.48 feet.

OBSERVATIONS: Read twice daily by employee of the North Loup Public Power and Irrigation District.

RECORDS AVAILABLE: From November 26, 1931 to September 30, 1938.

LOUP RIVER, NORTH, NEAR ORD

LOCATION: In Section 26, Township 19 North, Range 14 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 3540 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post located on west bank, 75 feet back from gage and 43 feet downstream at right angles. Elevation, 6.52 feet. No. 2 is the heads of three nails driven vertically into top of stump on the root of a leaning tree, located 220 feet back from gage on west bank and at right angles 120 feet downstream. Elevation, 5.79 feet.

GAGE: Cantilever chain gage on west bank. Chain length is 16.11 feet.

OBSERVATIONS: Read twice daily by employee of North Loup Public Power and Irrigation District.

RECORDS AVAILABLE: From November 25, 1936, to September 30, 1938.

LOUP RIVER, NORTH, AT SCOTIA

LOCATION: In Section 8, Township 17 North, Range 12 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 3710 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post located on west bank 16 feet along track from end of railroad

LOUP RIVER, NORTH, AT SCOTIA—Concluded

trestle and then 58 feet downstream at right angles. Elevation, 6.72 feet. No. 2 is the heads of two 16d. nails driven horizontally into the base of downstream piling of right end bent of trestle. Elevation, 8.89 feet. No. 3 is a bronze tablet set in top of 3-inch pipe located 58 feet in front of shelter and 4 feet upstream. Elevation, 8.24 feet. Adjustable reference point set in edge of recorder shelf. Elevation, 10.02 feet.

GAGE:—Stevens A-35 continuous recorder installed in a standard timber shelter located 30 feet downstream from west end of railroad trestle, by the United States Geological Survey on September 28, 1939. Outside gage is chain gage on railroad trestle. Chain length is 21.67 feet.

OBSERVER: Herbert Klein.

RECORDS AVAILABLE: From November 23, 1936, to September 30, 1936.

LOUP RIVER, NORTH, NEAR ST. PAUL

LOCATION: In Section 22, Township 15 North, Range 10 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 4096 square miles.

BENCH MARKS: No. 1 is two spikes driven horizontally in blaze in side of forked tree which is in a clump of trees 25 feet back from recorder shelter. Elevation, 6.68 feet. No. 2 is a cross filed in head of rivet at north downstream corner of south abutment. Elevation, 12.42 feet. No. 3 is a bronze tablet set in concrete post located 54 feet back of recorder shelter and 5 feet upstream. Elevation, 5.86 feet.

GAGE:—Stevens Type A-30 recorder in standard wooden shelter. Installed by the United States Geological Survey. Reference point is slot in screw set in edge of recorder shelf. Elevation, 12.04 feet. Outside gage is chain gage on bridge. Chain length 15.05 feet.

OBSERVATIONS:—Carl E. Schabring, caretaker.

RECORDS AVAILABLE:—May, 1895, to October, 1897; April to October, 1899; April to December, 1900; August, 1928, to September 30, 1939.

MEDICINE CREEK NEAR CAMBRIDGE

LOCATION:—In Southeast corner of NE¹/₄ of Section 18, Township 4 North, Range 25 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 864 square miles.

BENCH MARKS:—No. 1 is an alk. spike driven horizontally in a maple tree located 20 feet downstream and 54 feet from west edge of bridge. Elevation, 13.75 feet.

GAGE: Boxed chain gage attached to the downstream guardrail of bridge, 32 feet from east end. An channel scale calibrated from 0 to 16.9 feet is fastened to a 2-inch plank attached to guardrail. Chain length is 16.58 feet.

OBSERVATIONS: Made twice daily by Edwin R. Keyes.

RECORDS AVAILABLE: From December 10, 1936 to September 30, 1938.

NINE MILE DRAIN

LOCATION: Northwest corner of Section 25, Township 21 North, Range 53 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

BENCH MARKS: No. 1 is a spike in south side of power line pole near base, 25 feet upstream from bridge. Elevation, 7.02 feet. No. 2 is a standard tablet in concrete post 20 feet to west and 15 feet downstream from bridge. Elevation, 6.63 feet.

GAGE: Chain gage on bridge. Chain length is 13.73 feet.

OBSERVATIONS: Made twice daily by Mary E. Hardt

RECORDS AVAILABLE: January, 1919, to September 30, 1938.

NIOBARA RIVER AT DUNLAP

LOCATION: In Section 27, Township 29 North, Range 48 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1550 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in a concrete post located 13 feet downstream and 6 $\frac{1}{2}$ feet in front of shelter. Elevation, 10.21 feet. Adjustable reference point set in edge of recorder shelf. Elevation, 12.22 feet.

GAGE: Stevens Type A-36 continuous recorder installed in a small timber shelter located on the north bank 1275 feet west of highway. Installed by the United States Geological Survey, on November 17, 1936, to replace station previously maintained at highway bridge. Outside gage is a cantilever chain gage located 7 feet upstream. Chain length is 15.29 feet.

OBSERVER: Mrs. Bina Wegozyme, caretaker.

RECORDS AVAILABLE: From January 1924, to September 30, 1938.

NIOBARA RIVER NEAR VFDL

LOCATION:—In Section 23, Township 32 North, Range 8 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

NEBRARA RIVER NEAR VERDELL—Continued

DRAINAGE AREA. 12,383 square miles.

BENCH MARKS. No. 1 is the head of a $\frac{1}{2}$ -inch lag screw driven horizontally, 6 inches above ground, in a 9-inch juniper tree located in fence corner 30 feet downstream from right end of pile trestle approach span. Elevation, 9.25 feet. No. 2 is the heads of two spikes driven horizontally in one of a stump of four trees growing from one root, located 120 feet back from south bank and 50 feet downstream from bridge. Elevation, 10.02 feet. This is the bench mark used originally with elevation of 7.08 feet above 1928 datum. No. 3 is the top of downstream corner of horizontal channel iron bracing steel pile support of south end of steel truss span. Elevation, 8.93 feet.

GAGE. Boxed chain gage on downstream side of bridge, about 50 feet from north end. Chain length to regular marker is 24.03 feet, so high water marker is 15.03 feet.

OBSERVATIONS. Made twice daily by Hugo J. Dryak.

RECORDS AVAILABLE. From August 21, 1928, to September 30, 1928, and from April 23, 1934, to September 30, 1938.

OTTEN CREEK NEAR LEMOYNE

LOCATION: In SE $\frac{1}{4}$ of Section 5, Township 15 North, Range 40 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 12 square miles.

BENCH MARKS: No. 1 is a bronze tablet set in concrete post located in line with upstream face of shelter and 34 feet back from left upstream corner. Elevation, 7.89 feet.

GAGE: Stevens E recorder in small wooden shelter at east bank, 200 yards below ranch house. Installed by the United States Geological Survey. Reference point is adjustable. Elevation, 6.90 feet. A cantilever chain gage 10.28 feet in length, is located 8 feet downstream.

RECORDS AVAILABLE: From January, 1922, to June 25, 1934, for station in Section 9; from July, 1934, to September 30, 1938, in Section 5.

Note: Station abandoned September 30, 1935.

PUMPKINSEED CREEK NEAR BRIDGEPOND

LOCATION: In Section 12, Township 19 North, Range 50 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA. 1,060 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete post 130 feet east of bridge, near right of way fence. Elevation, 9.25 feet.

GAGE: Stevens E recorder in small wooden shelter constructed at previous site June, 1934. Installed by the United States Geological Survey. Moved to present site May 15, 1936. Inside gage is adjustable reference point. Elevation, 9.75 feet. Outside gage is staff consisting of 0-2.2 feet enamel scale fastened to 2x4 timber driven in bed of stream, top west look near shelter. Established April 28, 1936.

OBSERVER: Water Commissioner during irrigation season.

RECORDS AVAILABLE: January, 1932, to September 20, 1936.

RED WILLOW CREEK NEAR BAYARD

LOCATION: Southwest corner of Section 7, Township 20 North, Range 11 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

BENCH MARKS: No. 1 is the heads of two spikes driven horizontally in east side at base of stump of 8-inch cottonwood 50 feet to west and 30 feet downstream from bridge. Elevation 5.50 feet. No. 2 is the head of a 1/2-inch lag screw driven horizontally in piling to which gage is fastened. Elevation 3.10 feet. No. 3 is standard tablet in concrete post 10 feet to east and 14 feet downstream from bridge. Elevation 4.62 feet.

GAGE: Staff gage consisting of 0-3.3 feet enamel scale fastened to piling at downstream end of west abutment.

OBSERVATIONS: Made twice daily by Rosa A. Parks.

RECORDS AVAILABLE: February, 1932, to September 20, 1936.

REPUBLICAN RIVER AT EDI DRAGO-NEBRASKA LINE

LOCATION: In Section 10, Township 1 North, Range 12 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 385 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet set in concrete in line with downstream edge of shelter and 25 feet south of it, near fence. Elevation 8.89 feet.

GAGE: Stevens Type E recorder in timber shelter at north bank. Installed by the United States Geological Survey. Chart set by type

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE—Concluded
and weight referred to slot in screw in edge of recorder shell. Elevation, 8.63 feet. Outside gage is cantilever chain located nearby.

OBSERVER: Maze Ashton.

RECORDS AVAILABLE: March, 1926, to September 30, 1938.

REPUBLICAN RIVER AT MAX

LOCATION: In Section 32, Township 2 North, Range 36 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: 2871.60 feet above mean sea level.

DRAINAGE AREA—8320 square miles.

BENCH MARKS: No. 1 is two spikes driven horizontally in blaze in cottonwood tree at south of private road 10 feet inside fence line, at north of highway, and 109 feet north of bridge. Elevation, 8.62 feet. No. 2 is a standard tablet in concrete post located on north bank, 24 feet back of north abutment, and 27 feet downstream, measured at right angles to line of bridge. Elevation, 5.90 feet.

GAGE: Owing to the shifting character of this stream, a staff gage is maintained near each end of the highway bridge and referred to the same datum. One is a scale calibrated from 0 to 6.7 feet, on downstream end of third pile bent from north abutment, and the other is a scale calibrated from 0 to 6.7 feet, on downstream end of fourth pile bent from the north abutment. The datum of these gages is 2.00 feet lower than that used originally, and is 2871.6 feet above mean sea level.

OBSERVATIONS: Made twice daily by Justine Sutton.

RECORDS AVAILABLE: August, 1929, to September 30, 1938.

REPUBLICAN RIVER AT CULBERTSON

LOCATION: 1/2 Sec 17, corner of Section 17 and Section 20, Township 3 North, Range 21 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 9700 square miles.

BENCH MARKS: No. 1 is a standard bronze tablet in concrete post located on north bank of main channel in a line parallel to bridge, 60 feet downstream, and 33 feet up from the river bank. Elevation, 8.36 feet above zero of gage.

GAGE: First gage, 0.0-10.1 feet enamel scale fastened to downstream side of thirteenth pile of bridge over main channel. Second gage, 3.30-6.74 feet enamel scale fastened to downstream side of second pile from north bank on second pile-bent bridge. Third gage, 3.36-6.74 feet

enamel scale fastened to downstream side of seventh pile from north bank on third pile-head bridge. The second and fourth bridges are over channels which carry water only at high stages. Gages are referred to the same datum.

OBSERVATIONS: Made twice daily by C. W. Tigner.

RECORDS AVAILABLE: January, 1924, to September 30, 1938.

REPUBLICAN RIVER NEAR BLOOMINGTON

LOCATION: In Section 8, Township 1 North, Range 19 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA:—19,000 square miles.

BENCH MARKS: No. 2 is the head of 400 spike 4 inches above ground in streamward side of 60-inch cottonwood, 150 feet above north end of bridge, and 40 feet from bank. Elevation, 14.73 feet. No. 3 is a standard bronze tablet set in concrete post, located on north bank 29 feet downstream from first downstream pier, and 10 feet toward river; it is also 56 feet from second downstream pier and 35 feet from river bank. Elevation, 17.31 feet.

GAGE: Chain gage noted to 4x6 lumber fastened to bridge floor at downstream side. Chain length is 25.04 feet. Datum of gage was lowered 1.00 foot April 13, 1935.

OBSERVATIONS: Made twice daily by Paul A. Lengue.

RECORDS AVAILABLE: April, 1929, to September 30, 1938.

REPUBLICAN RIVER NEAR HARDY

LOCATION: Section 6, Township 1 South, Range 5 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION: 1561.46 feet above mean sea level.

DRAINAGE AREA: 22,500 square miles.

BENCH MARKS: No. 2 is a standard bronze tablet set in concrete post located on north bank 60 feet from end of north downstream handrail, and thence at right angles 142 feet downstream, 29 feet back from bank, and 20 feet due west of 20-inch boxelder tree. Elevation, 11.38 feet. As the original bench mark was destroyed in 1935, the elevation of No. 2 was obtained from the reference point which may have been disturbed by the flood of 1935.

GAGE:—Stevens A-30 recorder in galvanized iron shelter and well fastened to downstream end of first pier from north bank. Installed

REPUBLICAN RIVER NEAR HARDY *Continued*

by the United States Geological Survey. Reference point is in edge of recorder shelf. Elevation, 20.96 feet. A boxed chain gage is attached to the downstream handrail of bridge to the north of the recorder. Chain length is 22.17 feet.

OBSERVATIONS: Made twice daily by F. A. Myler.

RECORDS AVAILABLE: May, 1932, to September 30, 1938.

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN

LOCATION - In NE $\frac{1}{4}$ of Section 31, Township 1 North, Range 37 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: Undetermined.

BENCH MARKS: No. 1 is a standard bronze tablet set in top of concrete post located 36 feet from west end of upstream handrail and 141 feet upstream on west side. Elevation, 7.24 feet. No. 2 is the top of two 4x4 spikes driven horizontally in side of cottonwood tree located 20 feet southwest of R.M. No. 1, 18 feet west of end of upstream handrail, and 147 feet upstream on west bank. Elevation, 8.78 feet.

GAGE: Vertical staff gage, consisting of a 3-6.74 feet enamel scale fastened to a 2x6 near downstream end of fourth pile bent from west end of bridge. Datum lowered 1 foot on July 23, 1935.

OBSERVATIONS: Twice daily by Lyle A. McDonald.

RECORDS AVAILABLE: From August 27, 1937, to September 30, 1938.

SAPPA CREEK NEAR BEAVER CITY

LOCATION: In Section 14, Township 1 North, Range 23 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 1560 square miles.

BENCH MARKS: No. 1 is a circle chiseled on the north downstream corner of bridge curb marked S-1, 2191.05. Elevation, 23.86 feet.

GAGE: Chain gage located on downstream handrail of bridge. Chain length is 20.07 feet. Additional markers at 16.07 and 6.07 feet.

OBSERVATIONS: Made twice daily by Frank M. Wright.

RECORDS AVAILABLE: From May 1, 1937, to September 30, 1938.

SHEEP CREEK NEAR MORRILL

LOCATION:—West quarter corner of Section 18, Township 23 North, Range 57 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

BENCH MARKS: No. 1 is point marked with paint, also file mark, on under side of steel girder at stitum 7 directly above gage. Elevation, 670 feet.

GAGE: Staff gage consisting of 0.67 feet enamel scale mounted on a 2x6 driven in bed of stream at east bank directly underneath downstream side of highway bridge.

OBSERVATIONS: Made twice daily by Stanford Traven.

RECORDS AVAILABLE: April, 1919, to September 30, 1935.

WHITE RIVER NEAR CHADRON

LOCATION: In Section 18, Township 34 North, Range 49 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 750 square miles.

BENCH MARKS: No. 1 is a 60d. spike driven vertically in root of 24-inch cottonwood tree on west bank, 15 feet from edge of bank and 20 feet upstream from bridge. Elevation, 17.72 feet. No. 2 is a standard bronze label set in concrete post located 10 feet downstream from abuttes and 25 feet back from west bank. Elevation, 23.06 feet.

GAGE: Stevens A-30 recorder in standard wooden shelter with 18-foot well, installed December 8, 1934, by the United States Geological Survey. Charts referred to tape and weight, reference point for which is slot in screw in edge of recorder shell. Elevation, 21.59 feet. One side gage is chain on upstream handrail of bridge. Length, 24.65 feet.

OBSERVER: Thomas A. Schulmacher, caretaker.

RECORDS AVAILABLE: April, 1921, to September 30, 1935.

WHITE RIVER AT CRAWFORD

LOCATION:—Section 9, Township 31 North, Range 59 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

DRAINAGE AREA: 295 square miles.

BENCH MARKS: No. 1 is a cross chiseled in outer corner of downstream end of bridge seat in east abutment. Elevation, 15.08 feet.

GAGE: Standard boxed chain gage with 0-10.0 feet enamel scale bolted to downstream handrail. Chain length, 23.64 feet.

WHITE RIVER AT CRAWFORD—Continued

OBSERVATIONS: Made twice daily by Howard C. Dallas.

RECORDS AVAILABLE - January, 1924, to December, 1928, and February, 1931, to September 30, 1936

WINTERS CREEK NEAR SCOTTSBUFF

LOCATION: South quarter corner of Section 19, Township 22 North, Range 54 West. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement

BENCH MARKS: No. 1 is a cross chiseled in top of concrete headwall above gage. Elevation, 5.88 feet. No. 2 is a cross chiseled in concrete in upstream corner of west abutment of highway bridge. Elevation, 6.77 feet.

GAUGE: Staff gage consisting of 0.3.3 foot enamel scale fastened to 2x6 plank attached to the north wall of a concrete spillway structure on the west bank of the creek about 50 feet above the center line of the highway.

OBSERVATIONS: Made twice daily by Wesley Lackey.

RECORDS AVAILABLE: January, 1910, to September 30, 1938.

DISCHARGE MEASUREMENTS ON THE NORTH PLATTE,
SOUTH PLATTE, AND PLATTE RIVERS

Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. 14
NORTH PLATTE RIVER AT TORRINGTON, WYOMING					
10-15	A. E. Johnston	247	2.63	0.15	591
10-29	M. C. Boyer	217	2.47	4	535
12-10	H. H. Gabel	167	2.28	25	376
12-22	do	159	2.23	47	373
12-30	do	156	2.14	54	356
1-11	do	243	1.24	-	333
1-25	do	154	2.17	-	283
2- 9	do	153	2.22	-	269
2-19	do	165	1.84	-	233
3- 6	do	171	2.13	4	323
3-16	do	150	2.23	12	307
4- 9	do	140	2.15	43	247
4-14	do	134	2.07	54	240
4-29	do	121	1.65	14	211
5- 5	do	140	1.59	16	223
5-15	do	436	2.24	54	1130
5-22	do	349	2.23	147	1290
6- 1	do	652	1.96	140	1540
6-12	do	477	2.21	54	1070
6-26	do	756	2.03	117	2000
7- 1	do	781	2.43	120	1830
7-14	John Krenz	1050	2.82	200	5430
7-23	H. H. Gabel	796	2.24	142	2150
8- 2	do	690	2.41	125	1620
8-12	do	547	2.20	26	1400
8-25	do	573	2.52	34	1390
9- 2	do	342	2.20	50	532
9-16	do	319	2.18	54	465
9-24	do	228	1.90	33	457
NORTH PLATTE RIVER AT NEBRASKA-WYOMING LINE AT HENRY, NEBRASKA					
10- 1	M. C. Boyer	290	1.63	1.25	526
10- 9	do	293	2.06	1.28	544
10-23	A. E. Johnston	196	2.27	1.46	438
10-29	M. C. Boyer	246	2.15	1.22	505
11-24	do	301	1.82	1.51	591
12- 9	H. H. Gabel	231	1.77	1.27	473
12-21	do	231	1.57	1.28	459
12-29	do	209	1.73	1.19	350
1- 9	do	242	1.40	1.50	293
1-23	do	188	1.60	2.10	282
2- 9	do	160	1.30	1.25	218
2-19	do	121	1.57	1.23	361
2- 6	do	215	1.74	1.14	377
2-16	do	234	1.81	1.13	420
3-23	do	240	1.69	1.13	399
4- 6	do	229	1.65	1.14	442

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Discharge	Stage
NORTH PLATTE RIVER AT HENRY Concluded					
1-24	P. M. Reed	178	0.62	110	175
4-28	H. H. Oshel	112	1.05	116	165
5-31	Hugh Eisenhardt	85	1.35	115	151
6-5	H. H. Oshel	75	1.15	112	149
6-8	H. W. Hagley	88	1.63	145	140
6-16	do	209	2.00	150	138
6-25	H. H. Oshel	156	1.87	145	132
6-27	do	624	1.95	243	129
6-27	do	755	2.29	267	129
6-28	Hagley-Jones	852	2.19	288	126
6-5	Leon Hattie	678	2.22	148	125
6-8	H. W. Hagley	139	2.15	112	121
6-12	H. H. Oshel	359	1.7	146	120
6-15	H. W. Hagley	417	2.02	159	118
6-18	H. H. Oshel	368	2.01	152	116
6-20	H. E. Neefbeath	606	2.16	195	115
6-22	H. W. Hagley	542	2.71	215	114
6-25	H. H. Oshel	884	1.79	240	113
6-29	H. W. Hagley	501	1.75	204	112
7-5	H. H. Oshel	855	1.89	201	111
7-9	H. W. Hagley	775	2.19	246	110
7-9	H. H. Oshel	361	1.88	246	110
7-12	H. W. Hagley	1000	2.10	258	109
7-14	H. H. Oshel	1524	2.18	405	109
7-17	H. W. Hagley	1861	1.92	388	107
7-21	do	1576	2.04	265	106
7-23	H. H. Oshel	249	2.1	245	105
7-26	H. W. Hagley	726	2.20	197	105
7-29	H. H. Oshel	605	2.16	154	104
8-1	H. W. Hagley	102	1.75	154	103
8-5	H. H. Oshel	958	1.7	151	102
8-11	H. W. Hagley	678	2.04	168	101
8-13	H. H. Oshel	624	2.08	162	100
8-17	H. W. Hagley	385	1.75	159	99
8-20	M. E. Rutz	651	1.7	161	98
8-25	H. W. Hagley	491	2.20	137	97
8-27	H. H. Oshel	663	2.11	154	96
8-31	H. W. Hagley	458	2.15	122	94
9-3	M. E. Rutz	384	2.27	150	93
9-9	H. W. Hagley	240	2.1	112	92
9-10	H. H. Oshel	368	1.95	112	90
9-13	H. W. Hagley	278	2.0	90	89
9-16	H. H. Oshel	119	1.95	126	88
9-21	H. W. Hagley	427	2.05	135	87
9-25	H. H. Oshel	264	1.61	81	85
9-27	H. W. Hagley	275	1.86	77	84
NORTH PLATTE RIVER AT MINNELL					
10-14	A. E. Johnson	261	1.98	140	88
10-20	M. C. Boyer	282	2.07	150	87

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Stage	Area
NORTH PLATTE RIVER AT MITCHELL, Colorado					
11-21	M. C. Beyer	387	2.71	1.71	513
12-5	H. H. Gabel	312	1.95	1.75	550
12-19	do	242	1.66	1.76	502
12-29	do	188	1.50	1.71	519
1-3	do	147	1.15	2.10	294
1-17	do	147	1.63	1.79	364
2-5	do	279	1.59	1.75	425
2-18	do	281	1.96	2.06	525
3-4	do	295	1.96	1.74	549
3-10	do	291	1.87	1.67	43
3-23	do	299	2.62	1.78	563
4-4	do	292	1.55	1.65	291
4-14	do	212	1.75	1.35	379
4-27	do	313	1.48	.92	132
5-5	do	37	1.50	.89	76
5-14	do	33	1.56	.80	121
5-26	do	120	1.75	1.28	216
6-2	do	197	1.91	1.25	399
6-11	do	615	2.25	2.00	1426
6-21	do	267	2.12	1.58	418
7-1	do	271	1.57	1.11	472
7-15	Oscar Essex	157	2.11	3.07	3075
7-24	H. H. Gabel	314	2.07	1.52	875
8-2	do	194	1.85	1.15	267
8-11	do	152	1.69	.96	223
8-20	do	166	1.51	1.15	287
9-2	do	124	1.66	.97	215
9-15	do	321	1.60	.96	519
9-22	do	319	1.73	1.02	275
NORTH PLATTE RIVER AT MINATARE					
10-1	M. C. Beyer	371	1.61	0.88	283
10-16	A. E. Johnston	315	2.18	1.16	625
10-3	M. C. Beyer	418	1.91	1.39	704
12-5	H. H. Gabel	308	1.85	1.21	632
12-15	do	291	1.79	1.27	497
12-28	do	328	2.69	1.15	622
1-7	do	277	1.28	2.16	362
1-21	do	210	2.78	1.64	306
2-5	do	315	1.66	2.22	387
2-17	do	306	1.50	1.16	617
3-3	do	308	1.97	3.72	649
3-16	do	342	1.72	1.12	591
3-29	do	362	1.84	1.78	522
4-5	do	261	1.69	1.19	603
4-13	do	272	1.60	.70	471
4-26	do	171	1.15	.61	273
5-4	do	154	1.55	.68	270
5-14	do	166	1.44	..	275

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1937

Date	Gage-grapher	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT MINATARE Concluded					
5-23	H. H. Odell	75	0.93	0.08	20
6- 2	do	713	1.90	1.34	2350
6-17	do	865	2.13	2.14	1530
6-19	do	126	1.50	.54	100
7- 2	do	194	1.52	.72	294
7-13	do	468	2.18	1.33	1030
7-15	Odell-Essex	1180	2.42	2.50	3350
7-24	H. H. Odell	403	2.09	1.32	842
8- 3	do	214	1.62	.78	306
8-13	do	78	1.68	.12	59
8-23	do	373	1.68	.60	277
9- 3	do	148	1.53	.58	327
9-14	do	105	1.68	.56	344
9-22	do	160	1.50	.65	264

NORTH PLATTE RIVER AT MONATARE

NINE-MILE CHANNEL

10- 1	M. C. Boyer	60	1.53	1.20	110
10-16	A. K. Johnston	220	.80	1.98	718
11- 4	M. C. Boyer	49	2.10	1.50	120
12- 5	H. H. Odell	91	1.78	1.72	161
12-18	do	92	1.55	1.66	370
12-28	do	56	1.68	1.31	345
1- 7	do	28	.85	.80	28
1-21	do	74	1.14	1.54	77
2- 5	do	81	1.50	1.71	162
2-17	do	91	1.77	1.58	161
3- 2	do	64	1.65	1.52	155
3-10	do	65	1.62	1.15	105
3-20	do	70	1.68	1.29	117
4- 5	do	62	1.61	1.10	131
4-13	do	62	1.73	1.12	136
4-28	do	21	1.42	.48	49
5- 4	do	35	1.38	.48	52
5-14	do	32	1.22	.32	39
5-25	do	27	1.38	.56	36
6- 7	do	148	1.56	2.11	240
6-31	do	145	1.94	2.17	274
6-30	do	23	1.25	.60	29
7- 2	do	32	1.68	1.18	138
7-13	do	310	1.54	1.40	239
7-25	Odell-Essex	101	3.31	2.50	354
7-24	H. H. Odell	207	1.73	1.58	179
8- 3	do	40	1.53	.51	65
8-10	do	41	1.30	.51	65
8-23	do	60	1.57	1.10	131
9-11	do	78	1.71	1.31	133
9-22	do	48	1.73	1.52	117

MEASUREMENTS OF PLATTE RIVERS—Cont-nued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT BRIDGEPORT					
10-3	M. C. Boyer	36	1.62	5.15	59
10-12	Boyer-Johnston	253	1.97	5.16	1090
10-31	M. C. Boyer	579	2.05	5.45	1040
11-10	do	625	2.05	5.67	1240
12-7	H. H. Odell	628	1.44	5.64	917
12-17	do	522	1.52	5.65	950
12-23	do	483	1.59	5.75	863
1-5	do	456	1.27	5.82	585
1-15	do	455	1.59	6.10	728
2-4	do	482	1.55	6.25	759
2-16	do	615	1.55	5.55	1020
3-2	do	596	1.57	5.47	947
3-9	do	539	1.66	5.63	895
3-19	do	355	1.72	5.45	1050
4-2	do	563	1.85	5.45	948
4-12	do	482	1.78	5.37	841
4-20	Boyer-Odell	432	1.67	5.19	672
5-3	H. H. Odell	206	1.45	5.40	171
5-21	do	254	1.75	4.85	325
5-24	do	67	1.33	1.62	59
6-1	do	731	1.51	5.75	1325
5-5	do	596	1.91	5.55	1080
6-21	do	162	1.72	4.75	217
6-29	do	349	1.55	5.10	537
7-19	do	304	1.69	5.05	585
7-15	A. W. Hall	1280	2.41	6.54	1880
7-26	H. H. Odell	449	1.72	5.75	722
8-3	do	263	1.62	4.94	425
8-14	do	57	1.36	4.65	112
8-23	do	284	1.51	4.95	388
9-1	do	234	1.54	4.55	365
9-12	do	471	1.65	5.05	740
9-22	do	324	1.63	5.15	532

NORTH PLATTE RIVER AT BRIDGEPORT
BROWN'S CREEK CHANNEL.

10-3	M. C. Boyer	50	1.68	1.50	59
10-12	Boyer-Johnston	77	1.56	2.25	245
10-31	M. C. Boyer	12	2.00	2.10	245
11-10	do	76	2.18	2.55	166
12-7	H. H. Odell	32	2.04	1.40	65
12-17	do	68	1.91	2.20	127
12-23	do	46	1.51	1.30	125
1-5	do	54	1.65	2.55	191
1-15	do	41	2.04	2.21	39
1-4	do	57	1.55	2.68	118
2-16	do	51	1.92	1.95	39
3-7	do	38	2.65	1.51	59
3-9	do	79	1.54	1.57	46

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT BRIDGEPORT Concluded					
3-19	H. H. Odeh	31	1.15	1.36	49
4-2	do	24	1.56	1.30	45
4-12	do	23	1.56	1.70	36
4-20	Ernest Odeh	23	1.42	1.47	30
5-8	H. H. Odeh	16	1.45	1.02	23
5-13	do	14	1.26	1.61	77
5-24	do	21	1.63	.96	29
6-1	do	53	2.07	1.52	167
6-8	do	67	2.01	1.77	158
6-21	do	35	1.81	1.37	63
6-29	do	50	2.05	1.95	115
7-10	do	50	2.18	1.86	119
7-15	do	37	1.56	2.03	112
7-26	do	47	2.02	1.75	90
8-1	do	18	2.02	1.74	93
8-14	do	31	1.76	1.40	53
8-23	do	36	1.67	1.71	68
9-1	do	14	1.20	1.56	74
9-10	do	46	1.61	1.45	66
9-27	do	39	1.68	1.41	65
NORTH PLATTE RIVER AT LISKO					
10-26	A. E. Johnston	642	1.92	1.75	1274
12-4	do	620	2.04	1.75	1189
12-16	H. H. Odeh	676	1.62	2.14	1426
12-23	do	67	1.72	1.61	1399
1-1	do	625	.96	2.08	1361
1-16	do	539	1.47	1.79	881
2-1	do	720	1.51	1.88	873
2-15	do	696	1.55	2.20	1364
3-1	do	778	2.01	1.79	1360
3-8	do	569	1.95	1.70	1370
3-15	do	571	1.58	1.48	1120
4-1	do	665	1.36	1.32	1110
4-10	do	636	1.54	1.44	1040
4-29	do	412	1.75	1.22	720
5-1	do	353	1.59	1.38	596
5-11	do	538	1.36	1.71	541
5-24	do	721	1.73	.62	117
6-1	do	480	1.79	1.68	1210
6-7	do	514	1.18	1.23	1050
6-23	do	566	1.40	.79	293
6-29	A. W. Hall	560	1.56	1.40	596
7-5	do	195	1.49	.82	296
7-17	do	342	1.83	1.11	615
7-18	do	1240	2.55	2.27	3259
7-31	do	598	1.61	1.7	100
8-10	do	161	1.57	.74	298
8-18	do	552	1.54	1.01	789

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Slope	Sec. ft.
NORTH PLATTE RIVER AT LESNO <i>Continued</i>					
8-29	A. W. Hall	74	1.57	2.96	3.1
9- 9	do	598	1.52	2.43	208
9-21	H. J. Oster	428	1.52	2.72	436
NORTH PLATTE RIVER AT OSHKOSH					
10-16	A. E. Johnston	649	1.92	2.71	1530
12- 4	do	589	2.01	2.90	1491
12-19	A. W. Hall	2920	1.66	2.22	1626
1-13	A. E. Johnston	718	1.74	2.56	1230
2- 4	A. W. Hall	552	1.61	2.79	871
2-20	do	964	1.21	2.19	1180
3- 4	do	1220	1.41	2.21	1840
3-20	do	278	1.92	1.74	1500
3-27	do	771	2.04	1.88	1599
4-18	do	496	1.80	1.52	891
4-29	do	112	1.89	2.43	697
5-11	do	291	1.74	1.74	518
5-22	do	185	1.28	2. 2	218
5-28	do	91	1.27	1.88	151
6-10	do	258	2.18	1.86	1620
6-21	do	206	1.43	2.8	329
6-27	do	398	1.76	2.1	342
7- 5	do	251	1.26	2.8	243
7-16	do	215	1.12	1.32	246
7-30	do	1181	2.16	2.35	2281
7-31	do	319	1.05	1.21	327
8-13	do	147	1.57	1.08	229
8-29	do	112	1.71	2.8	316
8-29	do	212	1.31	1.17	318
9- 9	do	257	1.68	1.90	628
NORTH PLATTE RIVER AT OSHKOSH MIDLAND CHANNEL					
10-26	A. E. Johnston	18	1.96	1.26	35
12- 4	do				11
2-18	do				5
3- 4	A. W. Hall	11	1.62	1.25	17
3-20	do	15	1.36	1.82	24
4-16	do	13	1.52	1.66	21
4-29	do	20	2.16	1.95	29
5-11	do	18	1.92	1.78	24
5-26	do	12	1.50	1.33	17
6- 8	do	28	1.87	1.65	26
6-16	do	24	1.64	1.16	28
6-21	do	2	1.25	2.09	2
6-27	do	13	1.99	1.69	27
7- 5	do	5	1.37	1.94	5
7-16	do	21	2.08	1.94	19

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT OSIKOSII Concluded					
7-19	A. W. Hall	77	1.81	2.29	49
7-31	do	12	1.64	1.35	19
8-15	do	14	1.53	1.52	22
8-19	do	9	1.56	1.31	14
8-25	do	10	1.28	1.35	11
9-9	do	16	1.91	1.75	31
NORTH PLATTE RIVER AT MARTIN BRIDGE NORTH OF OGALLALA					
10-1	A. E. Johnston	298	1.58	0.89	470
10-10	do	356	1.83	1.10	670
10-24	do	628	1.97	1.32	1,240
11-14	do	797	2.51	1.61	2,000
11-21	do	788	2.15	1.59	1,800
12-2	do	648	2.44	2.11	1,570
1-3	A. W. Hall	539	1.91	1.30	770
1-21	A. E. Johnston	645	1.31	2.30	820
2-9	A. W. Hall	829	1.47	2.19	1,270
2-27	do	882	1.40	1.44	1,240
3-8	do	1,150	1.25	3.51	2,060
3-11	do	467	1.26	1.08	1,150
3-20	do	519	2.28	1.41	1,450
3-26	do	633	2.17	1.52	1,440
4-15	do	554	2.05	1.57	1,130
4-26	do	477	1.75	1.05	767
5-8	do	399	1.86	1.1	650
5-21	do	166	1.54	1.18	255
5-28	do	125	1.11	1.42	161
6-9	do	359	2.24	1.73	1,050
6-15	do	957	2.11	1.67	2,060
6-27	do	266	1.55	1.72	415
8-26	do	157	1.65	1.45	266
7-5	do	164	1.62	1.48	269
7-9	do	153	1.51	1.1	211
7-29	do	1,489	2.46	1.91	2,690
7-30	do	329	1.71	1.51	561
8-11	do	140	1.44	1.57	201
8-20	do	197	1.38	1.08	272
8-30	do	231	1.35	1.0	379
9-4	do	81	1.29	1.18	180
9-19	do	588	1.85	1.74	1,050
NORTH PLATTE RIVER AT SUTHERLAND					
10-2	A. E. Johnston	167	1.61	3.22	270
10-23	do	840	2.07	3.98	1,240
11-13	do	373	1.56	3.52	972
11-21	do	271	1.44	3.45	708
12-2	do	249	1.57	3.62	664
1-22	do	148	1.19	4.45	162

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT SUTHERLAND Concluded					
2-8	A. W. Hall	452	1.10	5.50	496
3-2	E. H. Sawyer				340
3-9	A. W. Hall	1290	2.01	4.10	2510
3-26	do	952	2.25	3.17	630
4-21	do	673	2.28	3.90	1210
4-29	do	495	2.75	3.61	465
4-26	do	404	2.50	2.46	685
5-7	do	259	2.61	2.36	335
5-20	do	44	2.27	2.96	56
5-27	do	20	2.13	2.90	24
6-9	do	940	2.52	4.23	1510
6-15	do	757	2.94	4.50	1520
6-28	do	21	2.74	2.94	37
7-6	do	27	2.40	2.97	27
7-9	do	6	2.34	2.96	8
7-21	do	254	2.75	4.20	2050
7-29	do	247	2.18	2.29	260
8-11	do	7	2.45	2.98	7
8-20	do	2	2.29	2.40	6
8-1	do	9	2.72	2.68	19
8-30	do	691	2.95	3.87	1300
NORTH PLATTE RIVER AT NORTH PLATTE					
10-3	A. E. Johnston	267	2.49	2.75	397
10-9	do	267	2.60	2.80	384
10-21	do	647	2.65	2.30	1410
11-2	do	718	2.55	2.35	1690
11-12	do	675	2.20	2.22	1270
11-26	do	297	2.90	3.10	254
11-29	do	122	2.95	3.12	260
11-30	do	207	2.87	2.77	244
12-2	do	258	2.94	2.28	238
12-17	A. W. Hall	294	2.72	2.50	678
1-4	do	107	2.29	2.03	204
1-22	A. E. Johnston	128	2.07	4.22	224
2-9	A. W. Hall	490	2.31	2.42	325
2-23	do	770	2.87	4.40	1210
3-10	do	1569	2.67	2.62	2680
3-23	do	565	2.85	2.78	1.80
4-11	do	845	2.90	2.79	1680
4-21	do	162	2.98	2.90	310
5-7	do	874	2.60	2.75	408
5-19	do	290	2.80	2.45	225
5-27	do	223	2.89	2.47	310
6-10	do	835	2.15	2.66	2.10
6-22	do	212	2.60	2.52	199
6-25	do	99	2.77	2.01	136
7-6	do	168	2.44	2.37	275
7-8	do	62	2.57	2.07	106

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Cu. Ft.	Sec. Ft.
NORTH PLATTE RIVER AT NORTH PLATTE—Continued					
7-22	A. W. Hill	100	1.25	2.50	275
7-29	do.	80	1.25	2.40	291
8-11	do.	81	1.37	2.17	122
8-21	do.	78	1.25	2.31	8
9-1	do.	85	1.51	2.22	122
9-17	do.	75	1.45	2.17	148

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
CHANNEL NO. 1

(Nebraska Measurements)

10-12	A. E. Johnston	—	0.91	1.47	5
2-4	do.	—	—	2.91	10
3-7	do.	26	1.07	1.25	32
3-23	do.	25	1.52	2.60	41
6-11	K. S. Eddy	—	—	2'	7
6-16	do.	25	1.51	1.64	10
7-13	do.	—	—	—	0
8-5	A. W. Hill	—	—	—	0
8-26	K. S. Eddy	—	—	—	0
9-28	do.	—	—	—	0

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
CHANNEL NO. 1

(Colorado Measurements)

10-17	Schmitt-Matth	—	—	0.67	0
12-18	J. E. Whitton	—	—	—	0
12-15	Schmitt-Matth	—	—	1.10	0
1-12	Whitton-Matth	—	—	—	0
2-10	Schmitt-Wagner	—	—	—	0
3-1	Whitton-Matth	—	—	—	0
4-12	C. E. Schmitt	—	—	1.12	2
5-15	do.	—	—	0'	0
6-12	do.	—	—	47	—
7-15	do.	—	—	15	0
8-18	Schmitt-Wagner	—	—	—	0
8-25	C. E. Schmitt	—	—	70	0
9-16	do.	—	—	2'	0

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
CHANNEL NO. 2

(Nebraska Measurements)

10-12	A. E. Johnston	18	2.69	1.35	229
2-4	do.	81	2.09	2.62	301
3-2	do.	95	2.35	1.79	275
3-23	do.	88	2.30	1.65	263
6-3	K. S. Eddy	27	1.64	0.9	44

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Disch.	Sec. 57
SOUTH PLATTE RIVER AT JULIENSBURG, COLORADO—Continued					
6-30	K. S. Essex	61	1.25	76	131
7-1	do	36	1.51	57	26
8-4	A. W. Hill	24	1.45	45	21
8-20	K. S. Essex	30	1.31	39	22
9-29	do	16	2.11	32	22

SOUTH PLATTE RIVER AT JULIENSBURG, COLORADO

CHANNEL NO. 2

(Nebraska Measurements)

10-27	C. E. Schauer			1.91	57
11-19	J. E. Whitten			86	61
12-15	C. E. Schauer			1.41	127
1-12	Whitman Schauer				151
2-9	Schauer-Whitney				164
3-12	J. E. Whitten		1.16		105
4-16	C. E. Schauer			75	51
5-12	do			6	33
6-23	do			53	31
7-10	do			46	24
8-13	Schauer-Wagner			45	30
8-26	C. E. Schauer			50	20
9-10	do			57	15

SOUTH PLATTE RIVER AT JULIENSBURG, COLORADO

CHANNEL NO. 1

(Nebraska Measurements)

1-17	A. F. Johnston				0
2-4	do				0
3-2	do				0
3-23	do				0
6-3	K. S. Essex				0
6-30	do				0
7-1	do				0
8-4	A. W. Hill				0
8-20	K. S. Essex				0
9-28	do				0

SOUTH PLATTE RIVER AT JULIENSBURG, COLORADO

CHANNEL NO. 4

(Nebraska Measurements)

12-12	A. F. Johnston	1	1.67	0.12	1
2-4	do	15	1.79	.84	24
3-2	do	19	2.08	1.12	42
3-23	do	18	1.87	1.03	37
6-3	K. S. Essex	2	1.21	.27	1
6-30	do	12	1.65	.76	5-
7-9	do	2	.81	.19	1

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
SOUTH PLATTE RIVER AT JULESBURG—Continued					
8-4	A. W. Hall	3	0.91	0.34	3
8-20	K. S. Egan	1	1.09	.24	2
9-28	do	3	1.26	.29	3
SOUTH PLATTE RIVER AT JULESBURG, COLORADO CHANNEL NO. 4 (Colorado Measurements)					
10-27	C. E. Schurr			0.30	1
12-18	J. E. Whitten			.05	1
12-15	C. E. Schurr			.12	1
1-12	Whitten-Schurr				11
2-8	C. E. Schurr			1.22	46
3-12	J. E. Whitten			.55	18
4-16	C. E. Schurr			.20	4
5-12	do			.26	2
6-23	do			.20	2
7-16	do			.12	1
8-13	Schurr-Wagner			.24	8
8-26	C. E. Schurr			.23	2
9-16	do			.28	3
SOUTH PLATTE RIVER AT OGALLALA					
10-2	A. E. Johnston	3	1.52	0.81	5
10-9	do	4	1.30	.82	5
10-24	do	10	1.56	1.00	14
11-6	do	44	1.51	1.50	67
11-14	do	44	1.73	1.65	75
12-3	do	36	2.00	1.46	72
1-20	do	76	1.82	2.40	145
2-5	A. W. Hall	164	1.79	2.49	329
3-9	do	43	1.57	2.20	64
4-26	do	20	1.67	.85	34
5-8	do	17	1.59	.83	27
5-20	do	17	1.51	.76	28
6-26	do	8	1.17	.58	9
7-10	do	8	1.02	.56	6
8-11	do	3	1.58	.50	5
8-22	do	8	1.72	.43	4
9-4	do	12	.90	.67	12
SOUTH PLATTE RIVER AT NORTH PLATTE					
10-3	A. E. Johnston				0
10-22	do				0
11-19	do	13	1.53	1.20	20
11-28	do	20	1.34	1.15	26
12-2	do	19	1.44	1.10	27
12-8	H. T. Rosenbuth	17	.85	1.52	15
12-19	A. W. Hall	25	1.27	1.20	47
1-4	do	34	.97	1.06	37

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. F.
SOUTH PLATTE RIVER AT NORTH PLATTE (Concluded)					
2-22	A. E. Johnston	50	1.04	2.65	31
2-12	A. W. Hall	303	.95	3.11	258
2-26	do	586	.84	2.04	372
3-10	do	103	1.79	1.62	242
3-25	do	745	1.95	1.65	265
4-11	do	93	1.56	1.35	169
4-22	do	61	1.49	1.24	95
5- 6	C. H. Ham	52	1.46	1.28	76
5- 7	A. W. Hall	45	1.72	1.25	57
5-19	do	38	1.51	1.25	58
5-27	do	73	1.43	1.32	90
6-10	do	74	1.63	1.36	176
6-23	do	39	1.49	1.21	55
6-25	do	19	1.73	1.18	23
7- 5	do	12	1.12	.95	13
7- 8	do	5	1.12	.86	7
7-29	do	2	.39	.49	2
8-13	do	2	.91	.51	2
8-21	do			.25	1
PLATTE RIVER AT MAXWELL					
CHANNEL NO. 1 (NORTH)					
6-14	A. W. Hall	766	2.11	2.91	2614
6-25	do	140	1.29	2.12	580
7- 8	do	85	1.28	1.95	169
7-19	do	426	1.79	2.54	761
8-12	do	32	1.43	2.12	117
8-21	do	64	1.16	2.03	75
9- 2	do	94	1.21	2.11	113
9-11	do	155	1.37	2.36	2493
PLATTE RIVER AT MAXWELL					
CHANNEL NO. 2					
6-14	A. W. Hall	13	1.05	1.51	14
6-25	do				3
7- 8	do			.76	0
7-28	do			1.00	3
8-12	do			.75	0
8-21	do			.37	0
9- 2	do				0
9-11	do				0
PLATTE RIVER AT MAXWELL					
CHANNEL NO. 3					
6-14	A. W. Hall	328	1.78	1.75	223
6-25	do	30	1.13	.96	36
7- 8	do	7	.71	.79	5

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec-FT
PLATTE RIVER AT MAXWELL. Concluded					
7-25	A. W. Hall	13	1.05	1.05	13
8-17	do	3	.77	.67	2
8-21	do			.65	0
9-1	do	7	.56	.63	2
9-11	do	63	1.58	1.40	200
PLATTE RIVER AT BRADY ISLAND CHANNEL NO. 1 (NORTH)					
10-5	A. E. Johnston	577	2.14	1.56	306
10-7	A. W. Hall	595	1.83	1.70	992
4-21	do	505	2.00	2.77	1090
5-6	do	271	1.93	2.43	522
5-18	do	234	1.64	2.40	342
5-25	do	100	1.35	1.75	159
6-11	do	853	2.64	2.45	2256
6-23	do	280	1.61	2.12	420
7-6	do	51	1.50	1.50	146
7-23	do	747	2.29	3.15	1764
7-28	do	370	1.95	2.35	720
8-12	do	78	1.16	1.50	94
8-21	do	77	.94	1.49	70
9-2	do	74	1.25	1.67	84
9-11	do	602	1.97	2.94	1198
PLATTE RIVER AT BRADY ISLAND CHANNEL NO. 2					
10-5	A. E. Johnston	5	1.40	1.25	7
10-7	A. W. Hall	5	1.20	1.05	5
4-21	do	46	1.40	1.37	69
5-6	do	11	1.29	1.20	12
5-18	do	6	1.41	1.19	5
5-25	do			1.01	1
6-11	do	30	1.50	1.62	46
6-23	do	1	.75	.75	1
7-6	do			.69	0
7-23	do	5	1.26	1.07	7
7-28	do			.74	0
8-12	do			.60	0
8-21	do			.48	0
9-2	do			.16	0
9-11	do			.79	0
PLATTE RIVER AT BRADY ISLAND CHANNEL NO. 3					
10-5	A. E. Johnston	12	1.49	1.20	18
10-7	A. W. Hall	11	.91	1.20	12
4-21	do	44	1.71	1.60	75
5-6	do	35	1.40	1.25	46

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
PLATTE RIVER AT BRADY ISLAND Concluded					
5-18	A. W. Hall	21	1.51	1.57	36
5-25	do			1.19	7
6-11	do	45	1.51	1.57	86
6-20	do	30	1.79	1.12	14
7- 6	do			.80	1
7-23	do	38	1.59	1.35	26
7-25	do			.87	2
8-12	do			.69	9
8-21	do			.64	9
9- 2	do			.19	6
9-19	do	10	1.23	1.11	12
PLATTE RIVER AT BRADY ISLAND CHANNEL NO. 4					
10- 5	A. E. Johnson	47	1.82	1.29	85
10- 7	A. W. Hall	51	1.34	1.33	78
4-21	do	201	1.76	1.60	378
5- 6	do	50	1.78	1.35	32
5-18	do	46	1.21	1.21	55
5-29	do			1.21	20
6-11	do	106	1.36	1.57	197
6-23	do	34	1.33	1.19	52
7- 6	do	51	1.19	9.2	12
7-23	do	60	1.65	1.32	101
7-28	do	28	1.27	1.05	33
8-10	do			.62	7
8-21	do			.54	1
9- 2	do			.15	6
9-11	do	35	1.80	1.24	67
PLATTE RIVER AT GOTHENBURG NORTH CHANNEL					
10- 5	A. E. Johnson	145	1.88	1.43	268
1-22	A. W. Hall	239	2.09	1.76	440
3- 8	do	120	1.86	1.45	254
5-17	do	56	1.16	1.10	149
7- 7	do			.94	150
7-24	do	117	2.25	1.40	213
9- 2	do			.93	21
PLATTE RIVER AT GOTHENBURG SOUTH CHANNEL					
5- 4	A. W. Hall	143	1.96	1.58	274
5-11	do	57	1.29	1.25	29
5-25	do			.86	5
7-26	do	190	1.57	1.60	369
9- 2	do			.93	1

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Chgs	Sec-ft
PLATTE RIVER AT COZAD					
NORTH CHANNEL.					
10-8	A. W. Hall	154	1.82	1.42	291
10-9	do	223	2.05	1.71	462
10-16	A. E. Johnston	1	.26	.37	4
10-21	do	55	1.68	1.10	92
10-22	do	52	1.29	1.05	65
10-29	do	34	1.47	.99	50
10-30	do			1.45	200
10-31	do	96	.69	1.15	68
11-10	do	267	2.13	1.95	512
11-13	do	202	2.13	2.55	429
11-15	do	66	1.73	.98	113
11-18	do	43	1.58	1.88	88
5-5	A. W. Hall	57	2.67	1.41	94
5-17	do	14	1.35	.70	20
5-23	do				2
6-23	do	11	1.17	.40	13
6-27	do	6	.83	.27	5
7-7	do	4	1.24	.22	4
7-24	do	39	1.65	.85	78
8-12	do	4	1.50	.30	4
9-12	do	232	2.65	1.56	475
PLATTE RIVER AT COZAD					
SOUTH CHANNEL.					
10-20	A. E. Johnston	21	0.91	1.82	20
10-23	do	25	1.26	1.52	110
10-29	do	24	1.44	1.46	197
10-30	do			1.41	188
10-31	do	49	1.39	1.59	117
11-10	do	545	2.06	2.24	1129
11-12	do	250	1.01	1.84	462
11-16	do	116	1.52	1.68	277
11-18	do	78	1.57	1.44	318
5-5	A. W. Hall	152	1.57	1.57	239
5-17	do	26	.88	1.23	17
5-25	do			1.12	4
6-23	do	56	1.31	1.76	65
6-25	do	26	1.25	1.64	26
7-7	do				1
7-24	do	226	1.53	1.63	338
8-12	do			.97	1
9-12	do	12	.87	1.12	17
PLATTE RIVER AT DARK					
NORTH CHANNEL.					
7-24	A. W. Hall	68	1.49		91

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
PLATTE RIVER AT DARR SOUTH OMAHA					
7-24	A. W. Hall	92	0.91	..	34
PLATTE RIVER AT OVERTON					
10-8	A. E. Johnston	..	..	0.00	0
10-29	do	..	..	.35	0
10-31	do	..	..	.18	0
11-10	do	363	1.73	2.48	566
11-16	do	106	1.56	2.16	259
11-15	do	124	1.63	2.04	216
11-24	do	78	1.32	1.75	103
11-27	do	344	1.80	2.56	619
12-1	do	413	1.82	2.58	761
12-16	A. W. Hall	457	1.47	2.54	717
12-29	do	457	1.72	2.56	781
1-23	A. E. Johnston	152	.75	3.05	115
2-10	A. W. Hall	421	1.34	3.35	563
2-24	do	1600	2.66	4.02	4259
3-3	J. E. Sawyer	1450	2.63	3.93	3900
3-11	A. W. Hall	1560	2.52	3.44	3930
3-28	do	1230	2.43	3.42	3230
4-9	do	1140	2.17	3.05	2630
4-23	do	326	1.84	2.36	664
5-4	do	340	1.63	2.33	567
5-6	C. E. Hain	185	1.41	2.06	260
5-16	A. W. Hall	49	1.42	1.63	70
5-28	do	5	.55	1.72	3
6-12	do	1620	1.99	3.04	2130
6-24	do	330	1.42	1.92	171
7-7	do	..	..	1.53	0
7-13	H. J. Ellsworth	..	..	1.51	0
8-21	A. W. Hall	..	..	1.28	0
9-3	do	..	..	.86	0
9-12	do	..	..	1.47	0
PLATTE RIVER AT ODESSA					
12-30	A. W. Hall	144	1.37	0.58	208
2-11	do	288	1.62	1.81	387
2-24	do	1370	2.43	3.21	3910
3-12	do	1250	2.53	1.90	2310
3-23	do	1370	2.23	1.50	3060
4-9	do	631	2.19	1.47	1720
4-23	do	270	1.61	.92	325
5-4	do	179	1.53	1.04	273
6-12	do	834	1.85	1.52	2570
8-24	do	23	.75	.58	17

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	St. 10
PLATTE RIVER PASSING KEARNEY HEADGATE NORTH CHANNEL					
11-28	A. E. Robinson	5	1.76		28
11-29	do				9
12-1	do	216	1.41		294
PLATTE RIVER AT GRAND ISLAND					
10-11	F. D. Reed			0.72	0
11-17	H. H. Gabel				0
12-6	C. B. Hays				0
12-30	A. W. Hall	186	1.34	2.04	250
1-7	Rosenbath-Ham			1.01	0
2-10	F. D. Reed			.41	0
2-23	A. W. Hall	1.66	2.37	3.22	796
2-26	F. D. Reed	5.07	2.35	3.27	726
3-8	L. R. Sawyer	1540	2.11	3.26	2410
3-8	do	1580	2.56	3.76	4120
3-17	A. W. Hall	1260	2.63	3.71	3620
3-23	do	1370	2.36	3.29	3210
3-30	L. R. Sawyer	758	2.14	3.10	1620
4-8	A. W. Hall	372	2.01	3.06	1360
4-19	L. R. Sawyer	472	1.62	2.63	761
4-24	A. W. Hall	364	1.77	2.33	645
4-27	L. R. Sawyer	257	1.57	2.15	379
5-22	C. B. Hays	287	1.65	2.27	270
5-25	A. W. Hall	66	1.21	1.85	79
5-27	F. D. Ham	78	1.69	2.08	85
6-17	F. D. Reed	639	1.51	2.71	1620
7-7	H. E. Eisenbath			1.54	0
7-16	do			1.17	0
8-10	do			1.27	0
8-20	do			1.08	0
9-19	F. D. Reed			.61	0
9-19	do			.51	0
PLATTE RIVER AT DUNCAN					
10-20	F. D. Reed			0.25	0
11-27	H. H. Gabel	4	0.61	.44	0
12-22	C. B. Hays	15	.26	.58	4
12-31	A. W. Hall	5	.15	.68	4
1-9	Rosenbath-Ham				0
2-11	F. D. Reed			1.23	5
2-26	do	224	1.25	3.74	348
3-8	L. R. Sawyer	7350	3.65	3.35	5320
3-20	do	1050	2.35	2.12	2520
4-1	do	379	2.40	2.35	2120
4-20	do	308	1.70	1.51	367
4-27	do	252	1.53	1.49	451
5-12	C. B. Hays	218	1.37	1.56	364

MEASUREMENTS OF PLATTE RIVERS—Concluded
Year Ending September 30, 1937

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
PLATTE RIVER AT DUNCAN (Concluded)					
5-25	C. B. Ham	24	1.27	0.79	59
6-15	F. D. Reed	651	1.36	2.31	1590
7- 8	H. P. Eisenbath	46	.42	.72	19
7-17	do	..	..	.36	1
8-13	do	1	.43	.51	1
8-29	do	..	..	.31	1
9-10	F. D. Reed	..	..	.37	0
9-30	do	..	..	.46	1
PLATTE RIVER AT ASIPLAND					
10- 4	C. H. Jennings	646	2.12	1.55	1710
10-10	F. D. Reed	567	1.36	1.08	1760
10-21	do	622	1.38	2.12	1620
11-21	G. A. LaRoque, Jr.	1129	1.95	2.35	1280
11-29	H. H. Odell	1100	2.18	2.36	2000
12-19	G. A. LaRoque, Jr.	261	1.03	2.34	820
1-21	Ham, Eisenbath	494	.95	1.74	459
1-19	C. B. Ham	637	1.37	2.12	674
2- 1	G. A. LaRoque, Jr.	738	1.94	2.94	1660
2-18	F. D. Reed	622	1.41	3.30	1620
2-24	do	3650	1.66	5.47	4450
3- 8	L. R. Sawyer	2670	2.74	4.71	17600
3- 9	G. A. LaRoque, Jr.	3920	3.61	4.76	14800
3-23	L. R. Sawyer	2364	2.70	3.84	6390
4- 2	do	1920	2.63	3.42	3450
4-12	do	1739	2.65	3.22	4760
4-24	do	1520	2.30	2.61	3490
5- 1	G. A. LaRoque, Jr.	1870	2.10	3.00	3190
5-11	C. B. Ham	1410	2.22	2.64	3120
5-26	do	2213	2.60	3.56	5720
6- 4	C. H. Jennings	1450	2.34	2.89	3230
6-17	F. D. Reed	1160	1.97	2.19	2120
6-30	do	2520	2.22	4.18	3670
6-23	do	1900	2.00	2.91	2610
7-10	H. P. Eisenbath	641	1.39	1.48	1210
7-19	do	955	2.65	2.17	1960
7-29	W. L. Hall	759	1.91	1.71	1420
8-12	H. P. Eisenbath	642	1.79	1.39	1150
8-27	do	1630	2.12	2.75	3150
8-30	W. L. Hall	735	1.44	1.64	1500
9-10	F. D. Reed	2300	3.71	2.94	6840
9-21	do	767	1.84	1.66	1220

DISCHARGE MEASUREMENTS ON THE NORTH PLATTE,
SOUTH PLATTE, AND PLATTE RIVERS

Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Section
NORTH PLATTE RIVER AT TORRINGTON, WYOMING					
10-1	H. H. Uggell	285	2.10	0.26	379
10-14	do	213	2.26	.40	348
10-20	do	263	2.34	.51	475
11-4	do	212	2.24	.40	342
12-16	do	261	2.35	.38	443
12-21	do	215	2.22	.40	459
12-27	do	232	2.27	.35	471
12-13	do	220	2.41	.50	459
1-5	do	268	2.27	.31	472
2-18	do	261	2.15	.30	435
2-3	do	262	2.31	.34	473
2-12	do	260	2.27	.36	479
3-3	do	194	2.15	.23	409
3-16	do	226	2.42	.35	527
4-2	do	175	2.03	.27	356
4-12	do	205	2.08	.36	426
4-23	do	182	2.05	.30	379
5-5	do	457	2.51	.74	1070
5-12	do	229	2.23	.25	519
5-26	do	249	2.12	.42	530
6-2	do	322	2.50	.60	741
6-16	do	480	2.54	.51	1220
6-22	do	514	2.47	.50	1270
7-3	do	295	2.36	.29	911
7-14	do	514	2.67	.25	1320
7-28	do	418	2.20	.26	1129
8-6	do	170	2.51	.51	729
8-14	do	361	2.39	.70	1150
8-1	do	269	2.24	.54	1220
9-15	do	294	2.80	.55	751
9-22	do	521	2.20	.51	459
NORTH PLATTE RIVER AT NEBRASKA-WYOMING LINE AT HENRY, NEBRASKA					
11-2	H. H. Uggell	269	1.65	0.84	451
11-8	do	229	1.85	1.14	618
10-22	do	281	1.73	1.05	490
11-3	do	256	1.62	.97	420
11-26	do	220	1.50	1.08	485
11-24	do	309	1.60	1.26	540
12-2	do	274	1.59	1.29	518
12-14	do	293	1.82	1.24	528
1-5	do	273	1.91	1.18	517
1-12	do	258	1.98	1.16	497

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Dis. ft.
NORTH PLATTE RIVER AT HENRY—Continued					
2-3	H. E. O'Neil	497	2.42	1.77	427
2-15	do	338	1.53	1.24	487
3-3	do	250	1.45	1.18	591
3-16	do	266	2.00	1.30	532
4-1	do	222	1.77	1.10	587
4-15	do	256	2.71	1.20	438
4-23	do	661	2.30	2.75	1,090
5-3	do	474	2.00	1.61	517
5-12	do	274	1.95	1.34	522
5-20	do	529	2.64	1.90	1,107
5-21	H. W. Highty			1.31	773
5-27	H. H. O'Neil	513	1.90	1.22	507
6-3	do	472	2.01	1.60	940
6-7	H. W. Highty			1.57	561
6-10	H. H. O'Neil	511	2.2	1.30	1,000
6-17	do	624	1.95	1.95	1,230
6-28	H. W. Highty			2.10	1,401
6-24	H. H. O'Neil	505	2.12	1.31	1,140
7-1	do	461	1.86	1.19	897
7-3	do	467	1.26	1.08	1,020
7-15	do	154	2.11	2.13	1,170
7-17	do	153	2.15	1.81	1,210
7-20	do	537	2.04	1.75	1,100
8-5	O'Neil-Highty	588	2.06	1.85	1,230
8-12	H. H. O'Neil	717	2.13	2.15	1,520
8-19	O'Neil-Highty			1.43	1,280
8-26	H. H. O'Neil	625	2.09	2.00	1,210
9-2	do	643	2.00	1.80	1,300
9-9	do	484	1.76	1.58	886
9-18	do	425	1.56	1.47	790
9-22	do	277	2.00	1.22	562
9-29	do	237	1.51	1.04	431
NORTH PLATTE RIVER AT MITCHELL					
10-1	H. H. O'Neil	216	1.90	2.42	419
10-14	do	353	2.55	2.64	839
10-23	do	357	2.20	2.50	860
11-4	do	347	2.17	1.86	752
11-16	do	323	2.15	1.75	691
11-24	do	375	2.20	2.07	821
12-2	do	517	2.21	1.70	730
12-15	do	343	2.37	1.86	814
1-3	do	321	2.25	1.71	721
1-18	do	326	2.25	1.82	733
2-2	do	311	2.19	2.08	650
2-15	do	335	2.09	1.74	640

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1939

Date	Hydrographer	Area	Velocity	Gage	No. 2
NORTH PLATTE RIVER AT MINYEMER—Continued					
3-2	H. H. Odell	226	2.26	1.78	730
3-16	do	276	2.23	1.76	694
4-1	do	261	2.19	1.67	525
4-22	do	246	2.11	1.64	402
4-22	do	466	1.37	2.21	1090
5-4	do	543	2.26	2.27	1140
5-23	do	174	1.55	1.21	309
5-25	do	267	1.32	2.06	970
6-4	do	142	1.94	1.53	261
6-16	do	309	2.47	.99	274
6-24	do	256	2.34	1.55	549
7-2	do	164	1.90	1.15	394
7-14	do	190	1.90	1.32	377
7-29	do	266	2.04	1.35	414
8-6	do	119	1.95	1.11	266
8-16	do	274	1.91	1.43	451
8-27	do	225	2.10	1.42	474
9-3	do	561	2.22	2.54	1294
9-15	do	246	2.16	1.43	429
9-23	do	152	1.62	1.02	313

NORTH PLATTE RIVER AT MINATARE

10-2	H. H. Odell	314	1.52	1.06	514
10-23	do	537	1.96	1.61	1069
10-29	do	471	2.04	1.46	526
11-3	do	425	1.94	1.25	525
11-15	do	444	1.99	1.27	585
11-29	do	186	1.51	1.41	325
12-1	do	453	1.94	1.35	451
12-14	do	414	2.06	1.31	507
1-4	do	365	2.03	1.21	467
1-17	do	394	2.07	1.25	474
2-2	do	249	1.95	1.07	245
2-14	do	306	1.69	1.27	240
3-2	do	473	1.91	1.25	275
3-25	do	410	2.06	1.37	419
4-1	do	354	1.97	1.12	476
4-22	do	364	1.97	1.23	226
4-27	do	352	2.13	1.28	274
5-3	do	506	1.91	1.57	974
5-14	do	237	1.74	.96	413
5-25	do	507	2.30	1.94	682
5-2	do	405	2.01	1.50	613
6-13	do	231	1.76	.91	270
6-25	do	414	2.22	1.32	293
7-8	do	231	1.22	.85	296
7-13	do	175	1.39	.49	100

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT MINATARE Concluded					
7-25	J. H. Odell	213	1.56	1.10	359
8- 2	do	222	1.79	.86	394
8-15	do	276	1.86	1.03	527
8-25	do	175	1.69	.68	285
8- 3	do	305	2.14	2.00	1510
9-14	do	533	1.95	1.58	1040
9-24	do	339	1.76	1.17	597

NORTH PLATTE RIVER AT MINATARE
NINE MILE CHANNEL

10- 3	H. E. Odell	57	1.79	1.65	174
10-10	do	127	1.81	2.02	224
10-15	do	113	1.78	1.75	195
11- 8	do	99	1.82	1.95	170
11-15	do	89	1.74	1.45	155
11-23	do	85	1.72	1.31	147
12- 1	do	63	1.92	1.40	160
12-14	do	61	1.84	1.47	153
1- 4	do	62	1.91	1.36	157
1-17	do	63	1.94	1.30	160
2- 2	do	74	1.82	1.95	119
2-14	do	70	2.02	1.57	157
3- 2	do	77	1.78	1.33	137
3-15	do	69	1.84	1.25	127
4- 1	do	51	1.84	.65	54
4-12	do	56	1.71	.52	96
4-22	do	57	1.75	.74	100
5- 1	do	53	1.84	1.00	97
5-14	do	31	1.53	.35	28
5-25	do	64	2.05	1.51	171
6- 2	do	32	1.36	1.41	145
6-13	do	47	1.39	.54	54
6-25	do	110	1.80	1.95	215
7- 2	do	47	1.52	.70	72
7-11	do	47	1.49	.70	70
7-25	do	77	1.79	1.54	138
8- 2	do	89	1.44	.45	56
8-15	do	96	1.55	1.28	178
8-25	do	58	1.69	.92	98
9- 3	do	114	1.79	2.00	227
9-14	do	81	1.82	1.41	149
9-24	do	45	1.58	.55	71

NORTH PLATTE RIVER AT BRIDGEPORT

10- 4	H. E. Odell	650	2.00	5.58	1000
10-13	do	727	1.98	5.79	1440

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydro-grapher	Area	Velocity	Gage	Section
NORTH PLATTE RIVER AT BRIDGEPORT (Continued)					
10-25	H. H. Odell	541	1.96	5.44	1379
11- 1	do	675	2.04	5.71	1380
11-13	do	1206	2.19	5.67	1380
11-23	do	710	1.91	5.74	1380
12- 1	do	656	1.94	5.67	1379
12-11	do	513	1.93	5.87	837
12-17	do	686	2.15	5.85	1480
1- 4	do	630	1.92	5.65	1250
1-10	do	545	2.06	5.58	1079
1-17	do	349	1.98	5.58	1170
1-24	do	501	2.15	5.23	1140
2- 7	do	452	1.99	5.56	673
2- 7	do	620	1.91	5.78	1260
2-14	do	573	1.93	5.53	1300
2-17	do	415	1.43	5.42	651
2-23	do	630	1.98	5.41	1250
3- 1	do	605	1.92	5.69	1369
3- 7	do	561	1.95	5.69	1300
3-15	do	659	2.00	5.74	1200
3-21	do	556	1.92	5.60	1370
3-28	do	569	1.92	5.58	1200
4- 4	do	518	1.86	5.56	839
4-11	do	425	1.92	5.44	1210
4-18	do	595	1.98	5.62	1150
4-25	do	596	2.01	6.08	1800
5- 2	do	731	1.91	5.49	1420
5- 9	do	566	1.96	5.48	1130
5-16	do	362	1.79	5.24	817
5-19	Harvert-Jack	1160	1.99	4.90	2700
5-28	H. H. Odell	849	2.14	6.16	1800
6- 1	do	659	2.09	5.90	1290
6- 6	do	352	1.62	5.20	377
6-13	do	265	1.91	4.94	310
6-20	do	257	1.69	5.13	451
6-27	do	676	2.01	5.79	1360
7- 5	do	434	1.80	5.41	815
7-11	do	231	1.89	5.10	466
7-18	do	542	1.88	5.94	1070
7-25	do	567	1.97	5.56	954
8- 7	do	375	1.81	5.31	677
8- 8	do	261	1.83	5.95	490
8-15	do	494	1.79	5.34	512
8-22	do	347	1.45	5.16	510
8-30	do	220	1.70	5.14	512
9- 7	do	624	2.01	6.06	1890
9-14	do	629	2.15	6.74	1810
9-21	do	666	2.14	5.81	1430
9-28	do	473	1.84	5.47	826

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Sec. ft.
NORTH PLATTE RIVER AT BRIDGEPORT BLOWNS CREEK CHANNEL					
10-4	H. H. Odell	47	1.75	1.85	82
10-13	do	43	1.77	1.64	76
10-25	do	34	1.82	1.52	62
12-1	do	35	1.85	1.55	66
12-15	do	38	1.68	1.57	72
12-23	do	36	1.81	1.63	68
12-31	do	37	1.54	1.62	65
12-31	do	14	.90	1.07	43
12-17	do	33	1.82	1.62	66
1-4	do	25	1.43	1.48	40
1-16	do	31	1.60	1.47	41
1-17	do	31	1.62	1.45	51
1-21	do	31	1.56	1.41	46
2-1	do	8	1.30	1.78	21
2-7	do	37	1.63	1.51	61
2-14	do	28	1.74	1.48	39
2-12	do	40	1.72	1.56	69
2-23	do	19	1.60	1.52	62
3-1	do	26	1.35	1.36	36
3-7	do	26	1.53	1.30	43
3-16	do	29	1.50	1.38	43
3-21	do	22	1.41	1.21	31
3-28	Head-gage	24	1.48	1.28	36
4-4	H. H. Odell	25	1.62	1.19	35
4-11	do	25	1.55	1.24	40
4-18	do	25	1.58	1.28	39
4-25	do	28	2.00	1.48	67
5-2	do	25	1.63	1.31	42
5-9	do	25	1.38	1.15	31
5-16	do	12	1.13	.90	13
5-19	Henry Bak	34	1.67	1.48	55
5-23	H. H. Odell	31	1.21	1.57	59
6-1	do	28	1.74	1.26	49
6-8	do	31	1.16	1.31	52
6-12	do	23	1.06	1.01	22
6-20	do	30	1.60	1.22	40
6-27	do	32	1.54	1.25	50
7-5	do	29	1.47	1.24	39
7-13	do	9	.67	.20	6
7-18	do	17	1.00	1.28	30
7-25	do	1	.29	.45	0
8-2	do	34	1.37	1.31	45
8-8	do	23	1.43	1.42	33
8-11	do	51	1.72	1.84	96
8-22	do	30	1.62	1.20	51
8-30	do	45	1.77	1.68	83
8-7	do	18	1.30	1.15	24
8-14	do	21	1.26	1.25	36
8-21	do	15	1.48	1.04	15
8-28	do	40	1.83	1.59	73

MEASUREMENTS OF PLATTE RIVER—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Sur-ft.
NORTH PLATTE RIVER AT OJSCO					
10-4	A. W. Hall	684	2.50	1.56	1030
10-16	do	823	2.22	1.88	2140
11-1	do	765	2.10	1.66	1030
11-17	do	791	2.05	1.53	1030
12-2	do	702	2.12	1.39	1450
12-16	do	1110	1.95	2.28	1940
1-3	do	797	1.80	2.37	1450
1-17	do	294	2.09	2.01	3050
2-11	do	920	1.94	2.10	1930
3-3	do	648	2.21	1.56	1430
3-23	do	592	1.96	1.34	1160
4-3	do	547	2.01	1.44	1170
4-15	do	553	2.03	1.65	1540
4-30	do	709	2.11	1.52	1450
5-13	do	542	1.98	1.16	1030
5-26	do	656	2.08	1.65	1720
6-1	do	681	1.94	1.55	1320
6-14	do	311	1.58	.93	491
6-29	do	234	1.98	1.07	1450
7-16	do	226	1.56	.91	350
8-1	K. S. Egan	513	1.74	1.28	854
8-17	A. W. Hall	594	1.94	1.49	1020
9-1	do	270	1.72	1.22	776
9-22	do	375	1.87	1.61	1450
NORTH PLATTE RIVER AT OSMOSKI					
10-5	A. W. Hall	607	1.90	1.74	1070
10-23	do	450	2.00	1.52	1730
11-3	do	276	2.01	1.94	1509
11-17	do	782	2.03	1.56	1590
12-2	do	755	2.16	1.50	1650
1-4	do	311	1.48	1.33	1050
1-17	do	1074	2.21	2.57	2370
2-10	do	1079	1.87	2.12	1890
3-3	do	750	1.89	1.40	1490
3-23	do	709	1.65	1.76	1030
4-7	do	571	1.87	1.64	1030
4-18	do	705	2.10	1.82	1609
5-6	do	812	1.93	1.72	1520
5-13	do	621	1.74	1.26	1090
5-25	do	1000	2.15	2.06	2050
6-1	do	586	1.79	1.54	1250
6-10	do	304	1.58	1.20	975
6-29	do	784	1.95	1.90	1330
7-14	do	261	1.46	1.24	511
8-2	K. S. Egan	513	1.52	1.24	791
8-17	A. W. Hall	564	1.69	1.63	950
8-31	do	250	1.61	1.35	559
9-22	do	314	2.09	1.90	1730

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Disch.
NORTH PLATTE RIVER AT OSHKOSH MIDLAND CHANNEL					
10-8	A. W. Hall	20	2.17	1.58	43
10-29	do	12	1.96	1.65	32
11-2	do	15	1.42	1.58	25
11-28	do	22	.92	1.80	29
12-2	do	28	1.51	1.45	16
1-4	do	10	1.35	1.58	14
1-17	do	23	1.74	2.05	42
2-22	do	20	1.85	1.56	37
3-3	do	17	2.06	1.85	31
3-28	do	5	1.47	1.35	12
4-1	do	7	1.09	1.23	8
4-26	do	19	1.16	1.32	11
5-5	do	10	1.06	1.33	10
5-13	do	8	1.20	1.27	10
5-25	do	19	1.61	1.75	31
6-1	do	11	1.75	1.55	19
6-16	do	3	.42	.97	3
6-29	do	14	1.39	1.58	19
7-24	do	2	.67	.97	3
8-17	do	11	1.55	1.59	15
8-24	do	6	1.25	1.25	7
9-22	do			1.77	35

NORTH PLATTE RIVER AT MARTIN BRIDGE
NORTH OF OGALLALA

10-6	A. W. Hall	652	2.71	3.38	1510
10-23	do	976	2.22	1.66	2176
11-3	do	812	2.50	1.49	1970
11-25	do	1300	1.72	2.79	2290
1-2	do	846	2.00	1.25	1770
3-19	do	842	1.92	1.40	1690
4-17	do	914	2.00	1.56	1830
5-1	do	863	1.33	1.44	2010
5-11	do	441	1.78	1.64	524
5-24	do	1310	2.47	2.65	3230
6-2	do	732	2.02	1.77	1490
6-16	do	670	1.73	2.11	901
6-26	do	756	2.01	1.24	1570
7-13	do	375	1.64	.70	533
8-3	R. S. Brown	153	1.52	1.05	208
8-15	A. W. Hall	553	1.60	1.10	567
5-26	do	269	1.73	.95	639
9-20	do	858	2.44	1.57	2180

NORTH PLATTE RIVER AT SUTHERLAND

10-6	do	691	1.74	3.67	1200
10-22	do	263	2.11	4.37	2100

MEASUREMENTS OF PLATTE RIVERS -Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Disch.	Stage
NORTH PLATTE RIVER AT SUTHERLAND -Continued					
11-7	A. W. Hall	688	2.03	4.06	18.9
12-1	do	920	2.30	4.36	20.7
1-5	do	938	2.45	4.71	20.0
2-23	do	1281	2.67	4.24	20.0
3-2	do	920	2.27	4.30	20.0
3-18	do	820	2.28	4.15	19.0
3-26	do	491	1.72	3.70	18.2
4-16	do	597	2.01	3.90	18.0
5-3	do	608	2.12	3.91	18.0
6-12	do	336	1.58	3.20	17.5
7-31	do	1770	1.95	4.12	21.50
8-4	do	458	1.82	3.28	17.5
8-9	do	321	1.70	3.24	18.2
8-25	do	832	2.19	4.30	17.0
7-11	do	570	1.40	3.20	18.0
7-31	do	760	1.72	3.24	18.4
8-4	K. N. Eaves	417	1.15	3.40	17.0
8-15	A. W. Hall	571	1.75	3.40	18.2
8-26	do	125	1.49	3.40	18.2
9-19	do	868	2.23	4.17	21.0
NORTH PLATTE RIVER AT NORTH PLATTE					
10-7	A. W. Hall	422	1.98	3.00	17.0
10-14	do	295	1.66	3.04	16.0
7-20	do	808	2.22	3.48	21.0
11-4	do	890	2.16	3.21	18.0
11-20	do	372	1.47	3.18	17.0
11-25	do	1270	2.57	3.74	20.0
12-20	do	1100	2.47	4.15	20.0
1-5	do	491	2.38	3.80	23.0
1-26	do	329	1.74	3.75	21.1
1-28	do	409	2.59	3.20	18.0
2-24	do	587	2.37	4.00	20.0
3-2	do	950	2.41	3.20	21.0
3-17	do	954	2.17	3.30	21.0
3-27	do	536	1.90	3.70	19.0
4-12	do	1054	2.33	3.53	21.0
4-16	do	475	1.82	3.24	18.2
5-2	do	815	2.11	3.21	17.5
5-23	do	312	1.48	2.45	15.8
5-29	do	1060	2.20	3.75	20.0
6-3	do	636	1.76	2.82	17.0
6-6	do	442	1.71	2.70	17.5
6-20	do	751	1.62	2.65	17.4
6-27	do	778	2.07	3.47	18.0
7-7	do	817	2.18	3.39	17.0
7-12	do	505	1.70	2.72	16.4
7-29	do	386	1.49	2.56	16.2

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Observer	Area	Velocity	Gage	Rec'dt.
NORTH PLATTE RIVER AT NORTH PLATTE—Continued					
1-27	A. W. Hall	532	1.82	2.66	532
6-25	do	392	1.72	2.69	423
8-5	K. S. Keese	416	1.49	2.66	420
8-26	A. W. Hall	365	1.64	2.66	385
9-23	do	1190	2.47	3.07	2650
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
CHANNEL NO. 1					
(Nebraska Measurements)					
10-22	K. S. Keese	..	..	..	0
11-18	do	..	..	..	0
12-18	do	2	1.56	1.55	12
1-10	do	2	1.07	1.49	x
2-12	do	15	1.65	2.24	50
3-21	do	..	..	.35	0
4-19	do	..	..	..	0
4-26	East-Elmore	23	.99	1.25	22
5-19	K. S. Keese	..	..	1.50	0
6-16	do	30	.79	1.61	x
6-30	do	..	..	..	0
7-21	do	..	..	.45	0
8-31	do	..	..	..	0
9-23	do	..	..	..	0
9-9	A. W. Hall	214	1.19	3.74	412
9-19	K. S. Keese	154	1.80	2.96	212
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
CHANNEL NO. 2					
(Colorado Measurements)					
10-21	W. K. Wagner	..	..	..	0
11-8	do	..	..	..	0
12-8	Schuler-Wagner-Burgess	..	..	1.35	0
1-12	C. E. Schuler	..	..	1.19	12
2-8	W. E. Wagner	..	..	2.4	65
4-1	C. E. Schuler	..	..	.62	0
4-14	W. E. Wagner	..	..	1.24	0
5-1	C. E. Schuler	..	..	1.95	248
6-12	do	..	..	1.79	22
6-1	W. E. Wagner	..	..	2.20	125
6-23	C. E. Schuler	..	..	1.23	2
7-14	do	..	..	.32	0
8-5	W. E. Wagner	..	..	..	0
8-17	C. E. Schuler	..	..	0.92	0
9-22	W. K. Wagner	..	..	2.30	124

*Included in Channel No. 2.

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Stage	Sec-ft
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
CHANNEL NO. 2					
(Nebraska Measurements)					
10-22	K. S. Evans	21	1.87	0.62	11
11-26	do	27	1.90	54	54
12-19	do	75	2.02	1.43	145
1-10	do	61	2.04	1.81	129
4-22	do	100	2.29	1.56	228
8-21	do	22	1.59	.70	42
4-29	do	101	1.91	51	52
4-28	Spencer-Hawman	79	2.12	1.80	167
5-19	K. S. Evans	35	2.12	93	85
6-26	do	42	2.23	1.22	121
6-29	do	25	2.02	.68	46
7-21	do	23	2.45	52	62
7-31	do	24	1.57	55	41
8-23	do	23	2.06	61	45
9- 9	A. W. Hall	55	1.52	4.62	1380
9-10	K. S. Evans	344	2.23	3.82	574

SOUTH PLATTE RIVER AT JULESBURG, COLORADO

CHANNEL NO. 2

(Colorado Measurements)

10-22	W. E. Wagner	...	...	0.91	47
11- 6	do	...	...	65	50
12- 5	Schauer-Wagner-Burgess	...	...	94	54
1-11	C. E. Schauer	...	...	1.17	140
2- 8	W. E. Wagner	...	...	1.76	218
4- 3	C. E. Schauer	...	...	51	25
4-24	W. E. Wagner	...	...	94	73
5- 1	C. E. Schauer	...	...	1.01	121
6-12	do	...	...	1.53	161
6- 1	W. E. Wagner	...	...	2.11	245
6-23	C. E. Schauer	...	...	1.06	92
7-14	do	...	...	52	36
8- 5	W. E. Wagner	...	...	1.06	56
9-10	C. E. Schauer	...	...	4.31	5223
9-22	W. E. Wagner	...	...	2.65	443

SOUTH PLATTE RIVER AT JULESBURG, COLORADO

CHANNEL NO. 3

(Nebraska Measurements)

10-22	K. S. Evans	...	...	...	0
11-13	do	...	...	...	0

*Measurement includes Channel No. 1.

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Sec-ft.
SOUTH PLATTE RIVER AT JULESBURG: Continued					
12-16	K. S. Essex	.	.	.	0
2-10	do	.	.	.	0
2-22	do	.	.	.	0
3-21	do	....	....	.	1
4-29	do	.	.	....	2
4-28	do	.	....	.	2
5-29	do	....	....	.	0
6-26	do	.	.	..	9
6-30	do	.	....	.	0
7-21	do	....	.	.	0
8-27	do	.	.	.	9
8-9	A. W. Hall	210	6.61	.	67

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
CHANNEL NO. 2

(Colorado Measurements)

1-10	C. E. Schwarz				352
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SOUTH PLATTE RIVER AT JULESBURG, COLORADO
CHANNEL NO. 4

(Colorado Measurements)

10-22	K. S. Essex	5	1.27	0.39	6
12-15	do	2	1.29	30	4
12-18	do	10	1.02	.05	16
1-20	do	10	1.71	.2	21
2-22	do	17	2.05	1.24	35
3-21	do	8	1.02	.29	3
4-29	do	3	1.57	.36	5
4-28	do	13	1.78	.37	21
5-19	do	3	1.51	.38	4
6-10	do	9	1.67	.66	15
6-29	do	2	1.11	.29	3
7-21	do	4	1.75	.41	7
7-30	do	2	1.67	.	2
8-23	do	4	.84	.28	4
8-9	A. W. Hall	124	2.41	1.42	103
8-19	K. S. Essex	107	2.28	21.0	143

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
CHANNEL NO. 4

(Colorado Measurements)

10-22	W. E. Wagner	.	.	0.34	7
11-6	do	.	.	.53	4

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Sec-ft.
SOUTH PLATTE RIVER AT JULESBURG—Continued					
12- 8	Schmitt Wagner Bureau			0.37	2
1-11	C. E. Schmeier			.62	75
1- 8	W. E. Wadner			1.28	35
1- 7	C. E. Schmeier			.29	2
4-14	W. E. Wadner			.33	8
5- 3	C. E. Schmeier			2.94	144
5-10	do			.32	21
6- 2	W. E. Wadner			1.76	67
6-25	C. E. Schmeier			.19	21
7-14	do			.32	2
8- 5	W. E. Wadner			.77	2
9-12	C. E. Schmeier			3.95	1185
9-22	W. E. Wadner			2.14	60

SOUTH PLATTE RIVER AT OUALALA

12-21	A. W. Hall	75	2.20	2.44	175
1-25	do	75	2.34	1.95	156
1-31	do	28	1.54	.56	44
5- 4	do	128	2.27	2.71	313
5-27	do	47	1.90	1.19	90
6- 2	do	24	2.30	2.98	563
7-14	do	34	1.81	0.91	61
8- 4	K. S. Eddy	16	1.15	.58	19
8-27	A. W. Hall	11	1.45	.65	19
9-12	do	1520	2.69	6.76	4394

SOUTH PLATTE RIVER AT NORTH PLATTE

9- 2	A. W. Hall	19	1.44	0.35	26
10-24	C. S. Ham	26	1.17	1.13	30
11- 4	A. W. Hall	32	1.98	1.10	28
11-20	do	11	1.07	1.19	15
11-20	do	66	1.57	1.32	104
12-15	do	69	1.36	1.57	110
1- 8	do	25	2.22	1.67	201
1-25	do	30	1.01	1.66	52
2-24	do	168	1.78	2.04	392
3- 1	do	263	2.14	1.60	374
3-14	do	79	1.81	1.24	127
3-27	do	42	1.63	1.00	77
4-12	do	67	1.35	1.24	127
4-24	do	61	1.75	1.69	103
5- 2	do	31	1.58	1.27	149
5-15	do	56	1.88	1.55	182
6- 2	do	201	2.02	1.72	308
6-20	do	101	2.14	1.51	240
6-27	do	162	2.00	1.91	332

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Stage	Sec. 71
SOUTH PLATTE RIVER AT NORTH PLATTE—Continued					
7-17	A. W. Hall	72	1.72	3.63	81
7-20	do	72	1.68	3.17	121
7-27	do	74	1.15	2.38	58
8-6	K. S. Egan	15	1.68	1.60	21
8-15	A. W. Hall	11	1.13	5.0	18
8-26	do	17	1.23	5.0	2
9-20	do	1480	0.38	4.02	4550
9-19	do	1,000	2.14	2.82	2,070

PLATTE RIVER AT BRADY ISLAND
CHANNEL NO. 1

5-7	A. W. Hall	546	1.81	1.71	282
5-2	do	871	1.76	3.46	2,330
5-19	do	217	3.73	1.29	342
6-8	do	157	1.82	2.50	878
7-8	do	729	2.42	3.19	1,760
7-19	do	255	1.62	2.58	576
7-24	do	500	1.97	2.72	967
8-11	do	178	1.64	1.96	261
8-14	do	1060	2.67	4.80	1,176

PLATTE RIVER AT BRADY ISLAND
CHANNEL NO. 2

5-7	A. W. Hall	5	1.16	1.06	5
5-19	do	19	1.49	1.10	26
6-8	do	35	1.71	1.75	53
7-8	do	26	1.76	1.68	46
7-19	do	5	1.1	2.31	7
7-26	do	14	1.97	1.11	12
8-14	do	179	2.17	3.11	112

PLATTE RIVER AT BRADY ISLAND
CHANNEL NO. 3

5-7	A. W. Hall	11	1.91	1.27	12
5-19	do	34	1.15	1.72	49
6-8	do	18	1.87	1.77	88
7-8	do	16	1.87	1.70	80
7-19	do	12	1.14	1.77	14
7-26	do	21	1.17	1.70	20
8-14	do	197	2.20	3.26	327

PLATTE RIVER AT BRADY ISLAND
CHANNEL NO. 4

5-7	A. W. Hall	51	1.54	1.31	78
7-19	do	82	1.18	1.56	142

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Gage	Section
PLATTE RIVER AT BRADY ISLAND Completed					
6-3	R. S. Ewing	109	1.89	1.75	214
7-5	do	120	1.86	1.75	223
7-19	do	46	1.52	1.24	69
7-25	do	53	1.47	1.34	87
8-14	do	308	3.05	3.16	308
PLATTE RIVER AT GOTHENBURG NORTH CHANNEL					
5-19	A. W. Hall	154	2.04	1.62	201
7-19	do	190	1.82	1.55	350
7-23	do	121	1.83	1.35	135
PLATTE RIVER AT GOTHENBURG SOUTH CHANNEL					
5-19	A. W. Hall	270	2.44	2.43	307
7-19	do	151	1.75	1.78	226
7-23	do	254	1.65	1.34	427
PLATTE RIVER AT COZAD NORTH CHANNEL					
10-8	A. W. Hall	154	1.82	2.43	240
10-9	do	223	2.05	1.71	461
5-20	do	170	1.89	1.12	205
6-21	do	150	2.05	1.70	307
5-23	do	91	1.84	83	168
7-9	do	439	2.05	2.00	516
7-18	do	135	1.90	1.08	256
7-20	do	250	2.27	1.57	258
7-23	do	143	2.17	1.20	315
8-19	do	225	2.06	1.42	452
8-15	do	745	2.62	2.70	1950
PLATTE RIVER AT COZAD SOUTH CHANNEL					
10-8	A. W. Hall	17	1.14	1.75	20
10-14	do	234	1.75	1.70	590
4-20	do	727	2.18	2.62	1590
5-20	do	293	1.60	1.10	466
6-21	do	75	1.34	59	161
8-23	do	69	1.01	55	90

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area	Velocity	Disch.	Sec.-ft.
PLATTE RIVER AT COMAD (Continued)					
7-9	A. W. Hall	261	1.47	160	355
9-25	do	1457	2.50	795	4006
PLATTE RIVER AT DARR NORTH CHANNEL					
6-23	A. W. Hall	83	1.54	204	353
7-9	do	200	2.22	271	537
7-18	do	107	1.68	263	390
8-14	do	87	1.47	219	328
8-25	do	143	1.60	228	275
PLATTE RIVER AT DARR SOUTH CHANNEL					
6-23	A. W. Hall	67	1.04	200	62
7-9	do	385	1.79	306	656
7-18	do	51	1.17	214	60
8-14	do	58	1.19	226	63
8-25	do	114	1.41	250	160
PLATTE RIVER AT OVERTON					
10-12	A. W. Hall	571	1.58	736	587
10-21	do	586	1.91	768	1120
10-22	C. E. Hain	590	1.91	262	905
11-5	A. W. Hall	548	1.87	265	785
11-26	do	1429	2.33	336	2110
12-20	do	1280	1.66	382	1750
1-6	do	1447	1.81	336	2940
2-25	do	1660	1.75	414	2850
3-1	do	2790	2.89	1300	6436
3-10	do	1070	2.22	309	2391
3-26	do	605	1.82	272	1280
4-15	dr	814	1.82	256	1490
4-28	do	306	1.61	235	487
5-20	do	404	1.73	245	637
6-6	dr	152	1.75	277	1347
6-21	do	168	1.21	239	203
6-23	do	251	1.25	221	369
7-10	do	142	1.77	254	1240
7-18	do	210	1.91	235	512
7-20	do	234	1.28	245	285
7-23	do	149	1.26	232	288
7-29	do	224	1.34	221	390
8-1	do	247	1.23	230	179
8-4	do	238	1.49	227	277
8-10	do	225	1.19	212	147

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1938

Date	By Instrument	Area	Velocity	Disch.	Area
PLATTE RIVER AT OVERTON—Continued					
8-14	A. W. Hall	1.5	1.38	2.08	182
8-21	do	281	1.35	2.28	305
8-26	do	5125	2.52	4.24	6520
PLATTE RIVER AT GLESSA					
11-6	A. W. Hall	4.98	1.67	1.35	966
11-10	do	1879	2.47	2.21	1556
2-28	do	2129	2.76	2.81	6120
3-28	do	472	2.78	1.11	1020
4-13	do	615	2.66	1.60	1794
4-19	do	599	1.91	1.25	519
5-12	do	71	1.83	1.10	395
6-2	do	46	1.69	1.28	748
6-24	do	1	1.29	.32	20
7-16	do	339	1.81	1.57	811
7-18	do	5	.62	.21	8
9-12	do	1569	2.67	2.70	5218
PLATTE RIVER PASSING KEARNEY HEADGATE NORTH CHANNEL					
8-26	A. W. Hall	5	0.71		2
8-28	do	16	1.17		39
PLATTE RIVER AT GRAND ISLAND					
10-7	C. B. Ham				0
10-20	do			1.08	0
11-5	A. W. Hall	206	1.51	1.36	312
11-9	F. D. Reed	385	1.44	1.56	555
11-29	do	531	.45	2.39	218
11-29	A. W. Hall	793	2.38	2.86	1639
1-22	C. B. Ham	1211	2.42	2.92	3555
2-11	F. D. Reed	1130	2.51	4.25	2160
2-24	do	674	2.39	3.04	925
2-27	A. W. Hall	1250	2.56	3.04	3320
2-28	do	2580	2.71	5.57	4980
3-9	C. B. Ham	1156	2.78	3.24	1980
3-18	A. W. Hall	1200	2.7	3.85	2670
3-22	C. B. Ham	933	2.60	3.08	1910
4-9	L. R. Sawyer	470	1.73	2.61	765
4-14	A. W. Hall	524	1.81	2.75	862
4-28	L. R. Sawyer	696	1.73	2.64	761
5-7	C. B. Ham	1180	2.51	3.38	2720
5-22	A. W. Hall	438	1.86	2.90	800
5-18	C. B. Ham	550	1.73	2.78	954
5-27	F. D. Reed	770	1.57	2.82	1220
5-15	do	376	1.5	2.62	781

MEASUREMENTS OF PLATTE RIVERS—Continued

Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Time	Section
PLATTE RIVER AT GRAND ISLAND—Continued					
6-22	A. W. Hall	311	1.62	2.50	451
7-5	C. J. Osborne	232	1.04	2.06	214
7-11	A. W. Hall	270	1.94	2.02	632
7-14	C. J. Osborne	291	1.91	2.28	254
7-23	A. W. Hall			1.72	0
8-9	C. J. Osborne				0
8-18	do				0
9-9	B. A. Wahl	456	1.55	2.92	7.6
9-15	A. W. Hall	1070	2.76	4.01	540
9-27	B. A. Wahl	1080	1.98	3.68	219.
PLATTE RIVER AT DUNCAN					
10-8	C. B. Ham	3	0.56	0.51	2
11-12	F. D. Reed	282	1.43	1.60	4.0
11-12	do	265	1.78	1.62	419
1-8	C. B. Ham	711	1.71	2.92	2221
2-10	F. D. Reed	1791	2.22	4.30	2877
2-24	do	814	.90	3.25	656
3-11	C. B. Ham	1780	2.42	3.84	3112
3-23	do	965	1.96	2.30	1920
4-10	J. R. Sawyer	271	2.01	2.72	740
4-26	do	357	1.68	1.90	625
6-10	C. B. Ham	1270	2.27	2.51	2974
6-20	do	775	1.88	2.68	1501
6-9	F. D. Reed	604	2.32	2.97	1002
6-29	do	418	2.42	1.90	568
7-7	C. J. Osborne	472	1.88	2.12	591
7-25	do	191	1.42	1.22	285
8-12	do			.77	0
8-29	do			.75	0
9-12	B. A. Wahl	560	1.87	2.21	1,628
9-24	do	1490	2.18	2.94	2112
PLATTE RIVER AT ASHLAND					
10-5	W. M. Littlefield	670	2.22	2.45	2100
10-11	C. B. Ham	803	2.68	2.20	1670
10-20	do	1170	2.28	2.68	2670
11-3	J. W. Odell	1180	1.88	2.82	2100
11-15	F. D. Reed	1050	2.00	2.46	2180
11-19	do	669	1.87	1.88	1360
12-4	V. B. Branson	2260	2.50	3.50	4900
1-5	C. B. Ham	2120	1.91	4.61	4070
1-19	do	1500	1.97	4.88	4300
2-12	F. D. Reed	2860	2.76	4.59	3770
2-25	do	1430	1.62	3.00	2090
2-26	do	1530	1.80	4.23	2600
3-22	C. B. Ham	2620	2.85	3.20	5160

MEASUREMENTS OF PLATTE RIVER—Concluded
Year Ending September 30, 1938

<u>Date</u>	<u>Hydrographer</u>	<u>Area</u>	<u>Velocity</u>	<u>Discharge</u>	<u>Section</u>
PLATTE RIVER AT ASHLAND—Concluded					
8-28	Jeanette Leason	2029	2.09	1.62	1276
8-28	Edward Leason	2612	2.15	3.56	16290
8-26	U. M. Jennings	2107	2.09	3.06	6940
8-24	C. H. Hunt	1460	2.88	4.39	5210
4-4	C. H. Jennings	1456	2.53	4.89	3770
4-21	L. K. Sawyer	1250	2.73	3.79	2450
4-19	do	181	3.91	4.87	5450
5-5	Warwick L. Duff	1275	2.87	3.91	4980
5-31	C. H. Hunt	2086	2.66	3.91	3740
5-21	do	2460	1.71	3.94	6060
6-8	C. H. Jennings	1720	1.63	3.19	4620
6-31	David Robinson	1596	2.85	3.90	3960
6-21	E. D. Reed	1599	1.78	3.83	2480
6-26	Edward B. Leason	2950	2.22	2.20	1570
7-5	U. J. Ostzyne	2750	1.19	6.10	25580
7-18	do	1451	2.05	1.82	2450
8-25	C. H. Jennings	212	1.77	1.79	1960
8-4	Warwick L. Duff	1110	2.11	2.03	2400
8-13	U. J. Ostzyne	675	1.72	1.82	3070
8-22	do	826	1.90	1.71	1570
9-10	C. H. Jennings	1410	2.31	2.46	3400
9-14	B. A. Webb	470	3.00	1.07	1470
9-24	do	470	2.12	4.74	1790
9-28	do	2780	2.37	3.4	5970

DISCHARGE MEASUREMENTS OF STREAMS

Year Ending September 30, 1937

Date	Hydrographer	Instrument Sec. #	Date	Hydrographer	Discharge Sec. #
ALLIANCE CANAL WASTE					
To River—Sec. 4-20-52 W.					
8-31	H. H. Odell	7.0	8-11	H. H. Odell	8.0
ALLIANCE CANAL WASTE					
To River—Sec. 13-20-51 W.					
6-7	H. H. Odell	0.8			
ANTHONY CREEK					
Main Street of Gordon—Sec. 20-33-41 W.					
2-8	A. E. Johnston	0.9	2-10	A. E. Johnston	0.0
2-20	do	.0			
ARKANSAS RIVER					
Hagler—Sec. 26-1-41 W.					
10-7	F. D. Reed	14.7	5-8	K. S. Essex	18.0
11-28	H. H. Odell	7.0	5-21	C. R. Hunt	2.0
12-11	H. F. Eisenboth	10.7	6-8	F. D. Reed	20.0
12-15	A. E. Johnston	12.5	6-9	K. S. Essex	20.8
1-26	C. R. Hunt	6	7-1	F. D. Reed	4.4
2-10	A. E. Johnston	14.8	7-10	K. S. Essex	1.0
3-7	F. D. Reed	50.9	7-24	H. F. Eisenboth	7.0
3-8	A. E. Johnston	19.1	8-17	K. S. Essex	3
3-26	do	3.9	8-28	H. F. Eisenboth	1.0
3-29	L. R. Sawyer	26.2	9-7	K. S. Essex	.4
4-17	do	2.8	9-8	F. D. Reed	249.0
5-1	do	18.5	9-26	do	3.2
ASH CREEK					
Whitney—Sec. 7-32-50 W.					
3-13	A. E. Johnston	1.3	8-20	K. S. Essex	6.0
3-15	K. S. Essex	1.3	9-13	do	.1
6-22	do	.0			
ASH CREEK, EAST					
Above Barron Canal—Sec. 32-32-50 W.					
5-18	K. S. Essex	1.7	7-21	K. S. Essex	0.7
ASH CREEK, EAST					
Below Barron Canal—Sec. 32-32-50 W.					
5-28	K. S. Essex	2.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 5	Date	Hydrographer	Discharge Sec. 5
BALD DRAIN					
Sec. 32-23-56 W.					
12-8	H. H. Gabel	2.1	5-25	H. H. Gabel	5.8
12-19	do	2.4	6-20	do	7.2
12-29	do	1.6	6-24	do	3.4
1-8	do	2.1	7-27	do	5.6
2-6	do	1.4	7-29	do	5.6
3-4	do	1.6	8-17	do	6.7
3-22	do	3	8-25	do	2.4
4-5	do	.7	9-2	do	11.8
5-6	do	1.8	9-23	do	5.2

BAYARD SUGAR FACTORY DRAIN

West Line of Sec. 4-28-52 W.

10-2	M. C. Boyer	42.0	8-15	H. H. Gabel	26.1
10-13	A. E. Johnson	11.1	8-22	do	23.1
11-4	M. C. Boyer	45.6	8-31	do	25.0
12-5	H. H. Gabel	31.1	5-17	do	32.1
12-18	do	31.6	5-22	do	27.9
12-21	do	34.5	6-2	do	16.9
1-8	do	16.1	6-19	do	14.0
1-19	do	27.7	7-2	do	32.8
2-2	do	26.8	7-21	do	17.5
2-17	do	27.3	8-4	do	42.0
3-8	do	26.8	8-11	do	31.0
3-15	do	27.0	8-31	do	43.9
3-22	do	29.1	9-14	do	26.2
4-2	do	26.6	9-17	do	36.4

BAZILLE CREEK

Nebraska Sec. 21-32-5 W.

10-26	E. D. Reed	19.9	4-22	L. G. Sawyer	17.0
11-16	H. H. Gabel	29.7	5-11	C. B. Ham	48.1
1-17	C. B. Ham	14.2	6-17	F. D. Reed	28.2
2-16	E. D. Reed	25.2	7-22	H. H. Gabel	8.1
4-15	L. G. Sawyer	38.7	8-14	do	7.2
4-5	do	43.8	8-14	F. D. Reed	8.2

BEAR CREEK

Merriman Sec. 16-34-37 W.

8-13	K. S. Essex	2.6	6-19	K. S. Essex	1.6
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge cfs	Date	Hydrographer	Discharge cfs
BEAR CREEK					
RM. Sec. 35-34-36 W.					
3-8	A. E. Johnston	10.0	6-17	K. S. Essex	7.1
3-20	do	10.2	7-24	do	1.2
3-29	do	11.7	8-26	do	3.3
5-12	K. S. Essex	2.1	9-3	do	1.5

BEAVER CREEK
Beaver City Sec. 33-2-23 W.

2-19	C. B. Ham	3.5	8-3	H. P. Eisenboth	120.0
4-5	E. D. Reed	264.0	8-25	do	9.5
6-28	do	14.2	9-24	E. D. Reed	2.5
7-22	H. P. Eisenboth	—			

BEAVER CREEK
Albion Sec. 15-20-6 W.

3-15	E. D. Reed	37.2	4-23	L. B. Sawyer	48.6
3-16	H. H. Odell	45.4	5-11	C. B. Ham	52.0
1-12	C. B. Ham	24.5	6-16	E. D. Reed	51.6
2-16	E. D. Reed	55.0	7-11	H. P. Eisenboth	21.3
3-13	L. B. Sawyer	64.0	8-14	do	10.5
4-3	do	19.0	9-21	E. D. Reed	24.8

BERRY CREEK
Sec. 22-34-26 W.

1-11	A. E. Johnston	3.9	3-28	A. E. Johnston	5.2
2-24	do	4.9			

BIRDWOOD CREEK
Hershey Sec. 2-14-23 W.

10-2	A. E. Johnston	157.0	5-7	A. W. Hall	567.0
10-23	do	176.9	5-19	do	121.0
12-6	do	292.1	5-27	do	261.9
11-23	do	153.0	6-15	do	135.0
11-20	do	261.0	6-26	do	240.0
13-2	do	155.0	7-9	do	127.0
12-19	A. W. Hall	262.0	7-21	do	625.0
2-8	do	162.1	7-29	do	240.0
2-26	do	265.0	8-10	do	325.5
3-9	do	183.0	8-20	do	213.0
3-26	do	152.1	9-1	do	593.0
4-26	do	117.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

<u>Date</u>	<u>Hydrographer</u>	<u>Discharge</u> <u>Sec. ft.</u>	<u>Date</u>	<u>Hydrographer</u>	<u>Discharge</u> <u>Sec. ft.</u>
BLACKWOOD CREEK					
Chilbertson— Sec. 15-3-31 W.					
6-5	K. S. Essex	12.5	6-9	K. S. Essex	1.7
7-6	do	1.0	9-20	do	5.2
BLUE CREEK					
Lewellen Sec. 30-16-42 W.					
10-27	A. X. Johnston	31.8	4-29	A. W. Hall	10.5
11-5	do	96.0	5-21	do	3.7
11-21	do	61.5	6-16	do	27.0
12-4	do	35.2	6-29	do	6
12-19	A. W. Hall	54.3	7-10	do	1.9
1-19	A. X. Johnston	98.1	7-30	do	5
2-5	A. W. Hall	34.0	8-14	do	64.7
3-8	do	178.0	8-22	do	0.8
3-27	do	131.0	8-30	do	10.2
4-15	do	34.6			
BLUE RIVER, BIG					
Barnston Sec. 13-1-7 E.					
10-22	W. D. Reed	6.5	4-13	L. J. Sawyer	248.0
10-31	L. C. Crawford	22.7	5-11	L. C. Crawford	261.0
11-20	H. H. Odell	27.6	5-15	C. B. Ham	252.9
12-15	C. H. Ham	245.0	6-24	F. D. Reed	467.0
1-20	do	67.0	6-24	do	612.0
2-27	F. D. Reed	214.0	7-19	H. P. Ewertbuth	279.0
3-23	L. J. Sawyer	438.0	7-24	do	315.0
3-23	do	635.0	8-23	do	231.0
3-24	do	2250.0	8-23	do	253.0
3-24	do	2500.0	9-22	F. D. Reed	222.0
BLUE RIVER, BIG, WEST FORK					
Henderson - Sec. 19-5-4 W.					
11-17	H. H. Odell	11.5			
BLUE RIVER, LITTLE					
Deahler Sec. 20-3-4 W.					
10-25	F. D. Reed	38.0	5-15	C. B. Ham	21.4
11-21	H. H. Odell	47.0	6-24	F. D. Reed	25.8
1-21	C. B. Ham	61.0	7-20	H. P. Ewertbuth	1670.0
2-25	F. D. Reed	65.0	8-24	do	21.9
3-24	L. J. Sawyer	105.0	8-22	F. D. Reed	35.3
4-14	do	64.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
BLUE RIVER, LITTLE					
Endless Sec. 5-1-3 E.					
10-22	F. D. Reed	84.0	5-15	C. B. Ham	129.0
11-21	H. J. Odell	92.0	5-24	F. D. Reed	125.0
12-15	C. B. Ham	126.0	7-20	H. P. Eisenbuth	271.0
1-20	do	51.0	7-21	do	325.0
2-29	F. D. Reed	146.0	7-21	do	564.0
3-23	L. H. Sawyer	122.0	8-23	do	110.0
4-14	do	110.0	9-22	F. D. Reed	51.0
5-12	L. C. Crawford	115.0			
BOARDMAN CREEK					
Sec. 1-30-31 W.					
5-12	K. S. Essex	14.4			
BOGGY CREEK					
Below Wickeraham Diversion Dam Sec. 31-33-34 W.					
8-32	Johnston Knutson	0.1	7-19	K. S. Essex	0.3
5-16	K. S. Essex	.1	9-14	do	.0
6-13	do	.9			
BORDEAUX CREEK, LITTLE					
Below Hartree Canal—Sec. 13-33-48 W					
1-7	A. E. Johnson	2.6	6-22	K. S. Essex	7.4
2-23	do	3.5	7-22	do	1.8
3-15	do	2.5	8-19	do	5.1
5-17	K. S. Essex	.9	9-13	do	.5
BORDEAUX CREEK, BIG					
Culver Sec. 14-33-48 W.					
1-7	A. E. Johnson	4.1	6-22	K. S. Essex	7.5
2-22	do	4.4	7-20	do	2.1
3-15	do	3.5	8-19	do	3.3
5-17	K. S. Essex	3.1	9-13	do	0
BORDEAUX CREEK, BIG					
Below Culmeyer Canal Sec. 10-33-49 W					
6-17	K. S. Essex	0.7	8-19	K. S. Essex	0.2
6-22	do	.8	9-13	do	2
7-29	do	.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Inchgage Sec. 01	Date	Hydrographer	Discharge Sec. 01.
BONDHEAVN CREEK, BIG					
Below Thomas Canal Sec. 34-34-45 W.					
5-27	K. S. Essex	3.7	5-19	K. S. Essex	2.1
5-23	do	4.6	5-22	do	1.3
7-24	do	4.1			
BUFFALO CREEK					
Jenkins' Ranch Sec. 20-1-49 W.					
12-15	A. E. Johnson	13.7	5-8	K. S. Essex	17.2
2-10	do	11.5	6-9	do	14.4
3-8	do	13.6	8-10	do	1.6
5-24	do	17.6	9-7	do	6.3
BUFFALO CREEK					
Elm Creek Sec. 23-9-18 W.					
10-8	A. E. Johnston	0.0	2-12	A. W. Hall	10.9
5-21	do	.7	3-24	do	2.4
10-22	do	11.6	4-7	do	5.5
10-21	do	20.7	5-4	do	13.7
11-9	do	2.4	5-26	do	27.5
12-24	do	12.6	5-23	do	2.2
12-1	do	20.7	6-12	do	15.0
12-16	A. W. Hall	4.2	6-24	do	14.1
12-30	do	2.5	7-7	do	2.5
2-10	do	1.0	8-3	do	.0
2-24	do	3.7	9-12	do	12.6
BULL DRAIN					
Maxwell Sec. 19-13-28 W.					
12-5	A. E. Johnson	6.5	4-21	A. W. Hall	2.4
10-22	do	1.6	5-16	do	1.3
11-29	do	2.4	6-15	do	1.5
10-31	A. W. Hall	2.5	7-3	do	.4
2-15	do	5.8	8-22	do	.5
4-19	do	4.3	9-2	do	2
CALAMUS RIVER					
Harrop Sec. 24-23-18 W.					
10-17	F. D. Reed	170.0	4-21	L. R. Sawyer	184.0
12-15	H. H. Cottell	175.0	5-19	C. B. Ham	168.0
1-16	C. B. Ham	173.0	6-15	F. D. Reed	171.0
2-22	F. D. Reed	195.9	7-11	H. P. Eisenhuth	169.0
3-16	L. R. Sawyer	182.0	8-15	do	163.0
4-6	do	166.0	9-15	F. D. Reed	171.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CAMP CLARK SEEP					
Sec. 9-20-51 W.					
10-7	M. L. Meyer	6.0	7-22	H. H. Odell	2.9
11-13	A. K. Johnston	6.7	8-4	do	6.2
4-26	H. H. Odell	1.0	8-15	do	11.9
6-3	do	1.4	8-23	do	7.7
6-3	do	1.8	9-18	do	5.7
7-7	do	4.9			
CASTLE ROCK WASTE					
West of McGrew Sec. 24-21-53 W.					
6-19	H. H. Odell	4.9	8-16	H. H. Odell	0.1
6-29	do	.7	9-17	do	6.8
7-20	do	.9	10-30	do	4.6
8-3	do	.9			
CEDAR BRANCH CREEK					
Nevada Sec. 17-14-25 W.					
10-7	A. K. Johnston	1.8	1-9	A. W. Hall	2.8
10-21	do	1.4	4-6	do	.9
11-6	do	2.8	5-25	do	1.7
12-14	do	1.5	8-4	do	3.8
12-7	do	2.7			
CEDAR CREEK					
Sec. 18-18-45 W.					
11-17	A. K. Johnston	10.1	4-19	Cliff Ewing	11.9
11-4	do	14.1	5-3	H. H. Odell	11.1
12-16	H. H. Odell	12.3	5-17	do	16.0
12-23	do	17.2	5-24	do	2.4
1-4	do	12.6	6-16	do	1.9
1-18	A. K. Johnston	13.4	7-12	A. W. Hall	2.7
2-2	H. H. Odell	12.9	8-11	do	2.5
2-1	do	10.9	8-22	do	13.1
5-18	do	10.6	9-9	do	15.8
4-1	do	12.5			
CEDAR RIVER					
Sec. 32-17-6 W.					
10-25	F. D. Reed	253.0	5-11	C. H. Ham	293.0
11-27	H. H. Odell	236.0	6-16	F. D. Reed	305.0
1-32	C. H. Ham	181.0	7-11	M. P. Rosebath	296.0
2-15	F. D. Reed	195.0	8-24	do	316.0
3-13	L. R. Sawyer	216.0	9-19	C. H. Reed	171.0
4-3	do	220.0	8-12	do	340.0
4-21	do	275.0			

DISCHARGE MEASUREMENTS OF STREAMS .Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CENTER CREEK					
Franklin -Sec. 1-1-15 W.					
11-23	A. E. Johnston	7.2			
CENTRAL CANAL WASTE					
Sec. 4-21-54 W.					
7-13	H. H. Odell	5.2	8-15	H. H. Odell	0.1
7-27	do	1.5	9-1	do	8.4
8-5	do	.3	9-23	do	4.5
CHADRON CREEK					
One-Half Mile above City Reservoir -Sec. 18-32-48 W.					
1-7	A. E. Johnston	1.4	6-29	K. S. Essex	3.0
2-23	do	4.2	7-22	do	.9
3-15	do	2.5	8-17	do	1.0
5-14	K. S. Essex	2.1	9-29	do	.8
CHADRON CREEK					
500 Feet below City Reservoir—Sec. 18-32-48 W.					
1-7	A. E. Johnston	0.5	6-19	K. S. Essex	0.8
2-22	do	1.4	7-22	do	.8
2-15	do	6	8-27	do	1.9
5-14	K. S. Essex	1.6	9-30	do	.4
CHADRON CREEK					
Station 38 of Pipe Line -Sec. 12-32-49 W.					
1-7	A. E. Johnston	1.0	6-19	K. S. Essex	1.3
2-23	do	.9	7-22	do	0
3-15	do	.8	8-17	do	0
5-14	K. S. Essex	9			
CHADRON CREEK					
Chadron-Crawford Highway—Sec. 2-32-49 W.					
1-7	A. E. Johnston	0.1	5-14	K. S. Essex	0.5
2-23	do	2.4	5-19	do	1.2
3-15	do	.8			
CHADRON CREEK					
Sec. 15-33-49 W.					
5-15	K. S. Essex	0.5			
CHIMNEY ROCK CANAL WASTE NO. 1					
Sec. 14-29-52 W.					
6-19	H. H. Odell	2.9	8-12	H. H. Odell	0.8
6-29	do	1	8-27	do	.6
7-29	do	.0	9-11	do	1.1
7-27	do	4.0	9-31	do	2.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CHIMNEY ROCK CANAL, WASTE NO. 2					
Sec. 18-20-51 W.					
6-19	H. H. Ouellet	1.3	8-27	H. H. Ouellet	0.8
6-29	do	1.9	9-14	do	2.2
7-20	do	1.6	9-20	do	1.4
8-13	do	1.6			
CLEAR CREEK					
Sec. 32-16-41 W.					
10-1	A. E. Johnston	3.1	1-19	A. E. Johnston	7.5
10-24	do	3.3	2-5	A. W. Hall	15.1
11-3	do	16.7	2-5	do	2.6
11-21	do	7.4	4-27	do	.0
12-4	do	3.1	5-21	do	.6
12-19	A. W. Hall	2.6	8-20	do	1
CLEAR CREEK					
Sec. 8-14-34 W.					
11-24	A. E. Johnston	5.0			
CLEAR CREEK, UPPER					
Ashland Sec. 35-13-0 E.					
1-11	F. D. Reed	2.7	4-2	J. R. Sawyer	11.7
11-20	H. H. Ouellet	1.1	5-14	C. B. Ham	4.1
1-11	C. B. Ham	2.7	6-12	F. D. Reed	2.9
2-12	F. D. Reed	9.6	7-9	H. H. Ouellet	2.6
2-24	do	3.2	8-13	do	1.5
3-5	L. E. Sawyer	7.7	9-11	F. D. Reed	1.4
CLEVELAND DRAIN					
Sec. 6-20-52 W.					
10-16	A. E. Johnston	1.7	5-25	H. H. Ouellet	2.6
11-4	M. C. Boyer	7.7	6-7	do	5.0
12-5	H. H. Ouellet	.7	6-23	do	4.9
12-16	do	2.6	7-17	do	2.2
12-24	do	1.0	7-27	do	2.7
1-6	do	.5	8-4	do	2.5
1-2	do	.1	8-18	do	2.5
1-3	do	.5	8-31	do	2.2
4-2	do	1.1	9-27	do	4.8
5-3	do	.5	9-29	do	2.4
COLD WATER CREEK					
Sec. 34-13-46 W.					
2-5	A. W. Hall	1.2	6-29	A. W. Hall	6.2
1-5	do	X			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 6	Date	Hydrographer	Discharge Sec. 11
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COLE CREEK

Omaha Sec. 25-45-12 E.

11-15	F. D. Reed	1.0	5-13	C. B. Ham	2.5
11-20	H. H. Gerd	4.9	6-14	F. D. Reed	4.8
1-13	Edenboth Mann	2.0	7-8	H. J. Eisenboth	2.0
2-14	F. D. Reed	12.2	8-13	do	2.3
3-7	L. R. Sawyer	3.7	9-11	F. D. Reed	1.5
4-2	do	4.2			

COTTONWOOD CREEK

Dunlap Sec. 27-29-45 W.

1-11	A. E. Johnson	7.9	6-29	K. S. Essex	0.1
3-29	do	1.7	7-22	do	0.1
5-19	K. S. Essex	2	9-10	do	0.3

COTTONWOOD CREEK, BIG

Sec. 22-32-51 W.

5-13	A. E. Johnson	0.6	7-25	K. S. Essex	4.8
5-27	K. S. Essex	.1	8-19	do	7
6-22	do	.5			

COTTONWOOD CREEK, LITTLE

Sec. 18-32-52 W.

5-16	K. S. Essex	0.0			
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COTTONWOOD CREEK, LITTLE

Sec. 5-32-52 W.

5-17	K. S. Essex	0.0	5-19	K. S. Essex	0.0
6-21	do	7	9-12	do	0
7-17	do	3			

COTTONWOOD CREEK, LITTLE

South of Whitney Pipe Line Outlet Sec. 8-32-53 W.

1-6	A. E. Johnson	0.0	7-25	K. S. Essex	0.5
2-23	do	.9	8-19	do	0
6-21	K. S. Essex	1.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
COZAD CANAL TAIL WASTE					
Into Dawson County (Gann) Sec. 6-18-22 W.					
10-26	A. E. Johnston	1.5	5-5	A. W. Hall	15.9
10-21	do	1.0	5-17	do	23.2
10-29	do	2.1	5-23	do	11.0
10-31	do	0	6-13	do	0

DAWSON COUNTY DRAIN

Darr Sec. 25-10-23 W.

10-6	A. E. Johnston	0.1	5-5	A. W. Hall	2.4
10-20	do	1.5	5-17	do	5.3
11-28	do	1.6	5-25	do	1.1
12-17	A. W. Hall	2.5	6-23	do	3.4
1-3	do	2.6	7-7	do	1.1
3-11	do	1.7	8-21	do	.5
3-25	do	2.9	9-2	do	1.0
4-22	do	1.7			

DAWSON COUNTY WASTE

Into Buffalo Creek Sec. 35-14-23 W.

10-6	A. E. Johnston	1.5	1-31	A. E. Johnston	0.0
10-20	do	2.0	4-25	A. W. Hall	1.5
10-21	do	15.0	5-5	do	1.5
10-29	do	4.2			

DAWSON COUNTY WASTE

Into French Creek Sec. 1-10-22 W.

10-6	A. E. Johnston	0.7	11-8	A. E. Johnston	2.4
10-20	do	.6	4-25	A. W. Hall	14.4
10-21	do	16.4	5-5	do	14.4
10-29	do	14.0	5-17	do	.5
10-31	do	3.5	6-23	do	0

DAWSON COUNTY WASTE

Into Spring Creek Sec. 16-10-23 W.

10-21	A. E. Johnston	21.0	10-31	A. E. Johnston	4.1
10-29	do	5.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
5-13	K. S. Evesa	0.5	5-20	K. S. Evesa	0.1
6-22	do	1.7	9-13	do	0
DUGRAW DRAIN					
Sec. 24-20-51 W.					
10-2	M. C. Boyer	2.6	5-1	J. H. Odell	2.1
11-5	do	4.2	5-25	do	1.6
12-4	H. H. Odell	3.5	6-7	do	4.2
12-17	do	3.7	6-23	do	1.6
12-30	do	4.4	7-13	do	1.6
1-5	do	3.4	7-26	do	2.0
2-2	do	1.1	8-10	do	3.6
3-2	do	3.8	8-23	do	5.0
3-25	do	4.3	9-13	do	3.9
4-1	do	4.2	9-25	do	6.8
DISMAL RIVER					
Dunning—Sec. 4-21-24 W.					
10-17	F. D. Reed	296.0	4-23	L. S. Sawyer	250.0
11-13	H. H. Odell	325.0	5-9	C. H. Damm	261.0
1-16	C. E. Huns	315.0	6-18	F. D. Reed	282.0
2-22	F. D. Reed	316.0	7-13	H. P. Koenbuth	349.0
3-14	T. H. Sawyer	331.0	8-16	do	283.0
4-5	do	335.0	9-15	F. D. Reed	274.0
DRIFTWOOD CREEK					
McCook Sec. 1-3-30 W.					
8-9	K. S. Evesa	0.0			
DRY CREEK					
Merriman Sec. 20-34-37 W.					
1-3	A. M. Johnston	0.0	6-15	K. S. Evesa	1.0
2-21	do	0	7-21	do	0
3-16	do	17.9	9-3	do	0
5-13	K. S. Evesa	1.2			
DUGGOUT CREEK, LOWER					
Sec. 4-18-48 W.					
6-18	H. H. Odell	2.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DUGOUT CREEK, UPPER					
Sec. 20-20-50 W.					
10-2	M. C. Meyer	2.8	5-3	H. H. Odell	0.2
10-13	A. E. Johnston	3.0	5-25	do	5
11-4	H. H. Odell	1.4	6-7	do	1.8
12-18	do	1.9	6-23	do	5
12-24	do	1.7	7-15	do	1.0
1-6	do	1.1	7-28	do	2.1
1-19	do	1.1	8-10	do	2.4
2-2	do	.6	8-23	do	0.2
2-1	do	1.0	9-13	do	5.8
3-14	do	1.0	9-25	do	10.1
4-1	do	.5			

ELKHORN RIVER
O'Neill Sec. 31-29-11 W.

10-16	F. D. Reed	37.8	4-22	L. R. Sawyer	28.3
11-15	H. H. Odell	22.2	5-11	C. B. Ham	45.7
1-15	C. B. Ham	.0	6-27	F. D. Reed	27.2
2-18	F. D. Reed	19.5	7-12	H. E. Eisenhuth	11.1
3-16	L. R. Sawyer	45.7	8-16	do	9.2
4-6	do	40.8	9-15	F. D. Reed	12.2

ELKHORN RIVER
Neigh Sec. 20-25-6 W.

10-16	F. D. Reed	29.0	4-22	L. R. Sawyer	140.0
11-15	H. H. Odell	179.0	5-11	C. B. Ham	170.0
12-11	C. B. Ham	80.0	6-25	F. D. Reed	170.0
1-13	do	64.0	7-11	H. E. Eisenhuth	41.1
2-26	F. D. Reed	50.0	8-14	do	68.0
3-15	L. R. Sawyer	175.0	9-14	F. D. Reed	53.0
4-5	do	175.0			

ELKHORN RIVER
Waterloo Sec. 10-15-10 E.

10-15	F. D. Reed	210.0	5-12	C. B. Ham	527.0
11-19	H. H. Odell	217.0	5-25	do	415.0
12-14	C. B. Ham	241.0	6-11	F. D. Reed	1090.0
1-10	H. E. Eisenhuth	221.0	7-8	H. E. Eisenhuth	290.0
2-14	F. D. Reed	241.0	7-12	do	542.0
3-7	L. R. Sawyer	1057.0	8-12	do	218.0
3-21	do	217.0	8-21	do	547.0
4-1	do	225.0	9-11	F. D. Reed	265.0
4-21	do	210.0	9-20	do	241.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 18	Date	Hydrographer	Discharge Sec. 18
ELM CREEK					
Elm Creek Sec. 15-9-18 W.					
10-6	A. E. Johnston	0.9	4-7	A. W. Hall	1.1
10-29	do	.9	5-4	do	25.4
10-31	do	0	5-16	do	17.1
10-9	do	1.5	5-24	do	1.4
12-16	A. W. Hall	1.0	6-12	do	22.2
12-20	do	.9	6-21	do	6.1
1-10	do	.8	7-7	do	0
2-24	do	.0	8-2	do	35.6
3-12	do	0	9-12	do	0
3-24	do	4.4			

ENTERPRISE CANAL WASTE

Into Tub Springs Sec. 32-23-55 W.

5-20	H. H. Odell	2.6	5-20	H. H. Odell	0.6
6-3	do	46.3	6-19	do	3.4
6-17	do	1.1	8-25	do	8
6-20	do	1.4	9-9	do	66.9
7-17	do	22.9	9-11	do	61.2
7-27	do	1.3			

ENTERPRISE CANAL WASTE

Into Winders Creek—Sec. 17-22-54 W.

6-20	H. H. Odell	6.2	5-10	H. H. Odell	1.4
6-3	do	23.9	5-21	do	20.2
6-17	do	14.7	7-3	do	22.7
6-29	do	4.6	9-15	do	24.1
7-22	do	7.4	9-26	do	15.4
1-31	do	21.6			

FAIRFIELD SLEEP

Sec. 18-21-53 W.

11-4	M. C. Boyer	0.1	5-4	H. H. Odell	11.0
12-5	H. H. Odell	0	7-25	do	.2
12-15	do	.1	6-30	do	8
12-25	do	.1	7-2	do	.8
2-7	do	3	7-11	do	3.8
2-15	do	0	8-5	do	3.6
3-3	do	.5	8-23	do	9
4-7	do	.6	9-14	do	1.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 41	Date	Hydrographer	Discharge Sec. 41
FANNING SLOUGH					
One-half Mile North Mitchell Bridge Sec. 26-24-56 W.					
12-14	A. E. Johnston	5.4	4-5	H. H. O'Neil	2.4
12-30	M. L. Meyer	1.5	5-6	do	1.4
12-8	H. H. O'Neil	2.4	5-26	do	2.2
12-19	do	3.5	6-30	do	5.9
12-29	do	3.0	6-24	do	2.4
1-8	do	1.5	7-20	do	1
2-5	do	2.4	8-31	do	.8
3-4	do	2.5	8-25	do	4.4
3-20	do	3	9-9	do	2.6
3-22	do	2.5	9-23	do	5.1

FREMONT SLOUGH

North Platte Sec. 18 13-30 W.

10-3	A. E. Johnston	0.1	12-2	A. E. Johnston	0.9
12-29	do	.2			

FRENCHMAN RIVER

Above Maranville Reservoir Sec. 10-6-41 W.

12-13	A. E. Johnston	4.0	6-4	K. S. Essex	3.2
2-5	do	3.8	7-6	do	3.6
3-3	do	4.3	8-6	do	3.7
3-23	do	5.6	9-25	do	3.7
5-3	K. S. Essex	3.9			

FRENCHMAN RIVER

Below Maranville Reservoir Sec. 11-6-41 W.

12-13	A. E. Johnston	5.4	6-8	K. S. Essex	4.2
2-5	do	5.0	7-6	do	3
3-3	do	3.7	8-6	do	2.0
3-23	do	3.5	8-21	do	1
5-3	K. S. Essex	2	9-28	do	.2

FRENCHMAN RIVER

Above Innan Canal Sec. 17-6-40 W.

8-21	K. S. Essex	3.7			
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FRENCHMAN RIVER

Below Innan Canal Sec. 17-6-40 W.

12-17	A. E. Johnston	22.3	7-6	K. S. Essex	13.3
2-5	do	23.7	8-6	do	14.5
3-3	do	21.6	8-21	do	12.4
3-23	do	22.7	9-28	do	15.2
5-3	K. S. Essex	4.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 6.	Date	Hydrographer	Discharge Sec. 6.
FRENCHMAN RIVER					
Above Champion Canal Diversion Dam—Sec. 22-6-40 W.					
5-2	K. S. Essex	10.3	8-6	K. S. Essex	20.3
6-4	do	20.7	8-21	do	17.4
7-6	do	14.8	9-28	do	14.0
FRENCHMAN RIVER					
Below Champion Canal Diversion Dam—West Line of Sec. 23-6-40 W.					
12-13	A. E. Johnston	7.3	6-5	K. S. Essex	9.1
2-5	do	26.8	7-6	do	6.0
3-3	do	19.5	8-16	do	10.3
3-21	do	9.5	9-29	do	10.5
5-3	K. S. Essex	2.9			
FRENCHMAN RIVER					
Above Champion Sec. 19-6-39 W.					
10-25	F. D. Bond	17.8	1-1	K. S. Essex	23.5
11-27	H. H. Eisenhut	22.4	1-29	H. H. Eisenhut	38.6
12-11	H. P. Eisenhut	37.2	6-5	K. S. Essex	28.9
12-13	A. E. Johnston	17.2	6-23	H. H. Eisenhut	23.0
1-23	C. E. Hays	36.5	7-16	K. S. Essex	33.9
2-5	A. E. Johnston	31.1	7-28	H. P. Eisenhut	1.2
3-2	F. D. Bond	30.4	8-6	K. S. Essex	18.7
3-8	A. E. Johnston	28.9	8-26	H. H. Eisenhut	28.5
3-24	do	25.7	8-11	K. S. Essex	28.7
3-28	L. B. Sawyer	22.3	9-26	F. D. Bond	18.2
4-18	do	18.4	10-29	K. S. Essex	19.8
FRENCHMAN RIVER					
Below Champion SW $\frac{1}{4}$ Sec. 22-6-39 W.					
11-27	H. H. Eisenhut	55.5	5-20	C. E. Hays	33.5
12-11	H. P. Eisenhut	72.0	6-5	K. S. Essex	44.6
12-23	A. E. Johnston	28.9	6-23	F. D. Bond	25.4
1-25	C. E. Hays	30.2	7-6	K. S. Essex	25.4
2-5	A. E. Johnston	32.9	7-23	H. P. Eisenhut	29.0
3-2	F. D. Bond	39.6	8-4	K. S. Essex	32.0
3-7	A. E. Johnston	35.0	8-26	H. P. Eisenhut	55.0
3-22	do	34.7	8-31	K. S. Essex	34.5
3-29	L. B. Sawyer	31.5	9-26	F. D. Bond	27.7
4-14	do	22.4	10-29	K. S. Essex	30.3
5-4	K. S. Essex	31.4			
FRENCHMAN RIVER					
Hardy Dam Site Sec. 3-6-39 W.					
5-4	K. S. Essex	55.6	8-7	K. S. Essex	72.4
5-5	do	74.0	9-3	do	71.0
7-7	do	42.4	9-29	do	66.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec-ft.	Date	Hydrographer	Discharge Sec-ft.
FRENCHMAN RIVER					
Hannibal Sec. 10-5-34 W.					
10-24	F. D. Reed	87.0	5-4	K. S. Keesa	50.0
11-27	H. H. Colel	80.0	5-20	C. H. Ham	51.0
12-11	H. P. Eisenhuth	90.0	6-30	F. D. Reed	52.0
12-12	A. E. Johnston	95.0	7-7	K. S. Keesa	64.0
5-22	C. B. Ham	76.0	7-23	H. P. Eisenhuth	159.0
5-6	A. E. Johnston	116.0	8-7	K. S. Keesa	75.0
5-7	K. H. Reed	109.0	8-26	H. P. Eisenhuth	70.0
5-4	A. E. Johnston	125.0	9-7	K. S. Keesa	54.0
5-21	do	130.0	9-25	K. H. Reed	65.0
3-27	L. B. Sawyer	91.0	9-29	K. S. Keesa	60.0
4-15	do	11.0			
FRENCHMAN RIVER					
500 Feet Above Kratzer Dam Sec. 32-5-33 W.					
5-31	A. W. Hall	0.0			
FRENCHMAN RIVER					
50 Feet below Kratzer Dam Sec. 32-5-33 W.					
5-31	A. W. Hall	0.0			
FRENCHMAN RIVER					
Palsade Sec. 32-5-33 W.					
5-5	K. S. Keesa	11.4			
FRENCHMAN RIVER					
Colbertson—Sec. 17-3-31 W.					
10-12	F. D. Reed	16.8	5-5	K. S. Keesa	29.0
11-27	H. H. Colel	135.0	5-25	C. B. Ham	45.5
12-9	H. P. Eisenhuth	152.0	6-5	K. S. Keesa	145.0
12-14	A. E. Johnston	155.0	6-30	F. D. Reed	71.0
1-23	C. B. Ham	92.0	7-8	K. S. Keesa	22.7
2-8	A. E. Johnston	139.0	7-23	H. P. Eisenhuth	55.0
3-1	F. D. Reed	152.0	6-0	K. S. Keesa	52.1
3-4	A. E. Johnston	159.0	8-26	H. P. Eisenhuth	14.4
3-25	do	210.0	9-2	K. S. Keesa	14.8
3-27	L. B. Sawyer	151.0	9-25	F. D. Reed	21.2
4-15	do	150.0	9-30	K. S. Keesa	25.2
4-30	do	24.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 49	Date	Hydrographer	Discharge Sec. 49
GERING DRAIS					
Sec. 5-21-54 W.					
10-1	M. C. Boyer	21.6	4-24	H. H. Oester	11.2
10-16	A. E. Johnston	39.0	4-27	do	20.9
11-4	M. C. Boyer	28.4	5-4	do	21.7
12-3	H. H. Oester	19.0	5-17	do	25.9
12-19	do	34.6	5-25	do	33.0
12-28	do	16.3	6-20	do	50.8
1-8	do	26.1	6-23	do	34.7
1-20	do	26.7	7-13	do	31.8
2-6	do	16.3	7-27	do	22.5
2-18	do	25.5	8-5	do	41.0
3-4	do	15.1	8-19	do	50.6
3-15	do	17.7	9-1	do	27.5
3-22	do	15.1	9-17	do	17.3
4-5	do	14.4	9-30	do	48.3

GERING WASTE
Henry Sec. 3-23-58 W.

7-8	H. H. Oester	24.4	8-26	H. H. Oester	21.9
7-6	do	27.4			

GORDON CREEK
Valentine Sec. 30-33-26 W.

1-9	A. E. Johnston	5.0	6-17	K. F. Egan	4.5
2-19	do	8.1	7-24	do	4.0
3-15	do	1.4	8-25	do	2.7
5-12	K. F. Egan	3.1	9-8	do	4.6

GORDON CREEK
Sec. 8-29-33 W.

3-17	A. E. Johnston	21.5			
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GOTHENBURG POWER WASTE
Gothenburg Sec. 0-11-25 W.

10-5	A. E. Johnston	5.0	3-11	A. W. Hall	140.0
10-6	do	137.0	3-23	do	20.2
10-20	do	130.4	4-10	do	133.6
10-29	do	125.5	4-22	do	106.8
11-9	do	31.6	5-6	do	158.8
11-12	do	117.2	6-22	do	50.6
11-28	do	158.2	7-1	do	153.5
1-2	A. W. Hall	11.0	7-28	do	20.6
1-25	A. E. Johnston	195.7	8-12	do	5.5
2-9	A. W. Hall	114.0	9-7	do	73.4
2-25	do	92.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 0	Date	Hydrographer	Discharge Sec. 0
GOVERNMENT SPRING					
Below El Robinson Pumping Plant—4-Foot Weir					
1-4	A. E. Johnston	0.5	6-21	K. S. Eason	0.6
2-25	do	1.0	7-25	do	.6
3-13	do	1.9	8-20	do	.8
5-15	K. S. Eason	.9	9-11	do	.8
GRAVEL CREEK					
Sec. 9-14-35 W.					
10-2	A. E. Johnston	2.4	3-5	A. W. Hall	2.5
11-6	do	3.3	4-6	do	2.4
11-14	do	4.0	5-25	do	2.6
12-3	do	2.6	7-9	do	1.9
2-19	do	2.1	8-29	do	2.5
2-5	A. W. Hall	4.3			
GREENWOOD CREEK					
Sec. 26-19-50 W.					
3-15	A. W. Hall	0.2	4-26	K. S. Eason	0.3
HAT CREEK					
Above Coffee Canal Sec. 33-30-55 W.					
3-10	Johnston-Hastmann	2.0	7-18	K. S. Eason	1.3
5-10	K. S. Eason	2.2	9-14	do	.9
6-01	do	1.4			
HORSE CREEK					
Lynn Sec. 25-23-58 W.					
10-15	A. E. Johnston	26.7	4-14	H. H. Odeh	4.0
10-29	M. C. Boyer	24.9	4-28	do	12.0
12-10	H. H. Odeh	19.1	5-6	do	3.2
12-21	do	13.7	5-20	do	76.4
12-29	do	12.2	6-5	do	92.5
1-9	do	5.2	6-20	do	26.7
1-23	do	4.4	7-16	do	22.0
2-8	do	5.9	1-29	do	45.9
2-15	do	12.2	3-10	do	57.4
2-5	do	12.6	5-20	do	52.3
2-10	do	16.7	8-10	do	64.5
3-23	do	12.6	9-24	do	82.0
4-6	do	11.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
HONISE CREEK					
Pringle's Ranch Sec. 23-1-39 W.					
12-15	A. E. Johnston	0.1	6-9	K. S. Essex	1.3
2-10	do	2.6	7-9	do	8
3-8	do	2.6	8-19	do	0
3-26	do	7.5	9-3	do	0
5-8	K. S. Essex	1.6			
INDIAN CREEK					
Northport Wye -Sec. 19-20-50 W.					
10-3	M. C. Boyer	6.4	5-1	H. H. Oster	2.9
10-13	A. E. Johnston	5.5	5-25	do	3.0
11-5	M. C. Boyer	3.6	6-7	do	2.3
12-4	H. H. Oster	4.5	6-28	do	3.3
12-16	do	4.6	7-12	do	9.8
12-24	do	4.6	7-26	do	3.0
1-6	do	2.2	8-10	do	11.6
2-2	do	3.1	8-23	do	6.6
3-2	do	3.7	9-13	do	6.2
3-18	do	3.1	9-25	do	9.1
4-1	do	1.9			
INDIAN CREEK					
Sec. 5-32-50 W.					
5-13	K. S. Essex	0.0	8-20	K. S. Essex	0.0
6-22	do	.0	9-13	do	.0
INDIAN CREEK					
Max Sec 23-2-36 W.					
12-14	A. E. Johnston	6.1	6-5	K. S. Essex	3.2
1-6	do	4.7	7-9	do	6
3-25	do	3.2	8-10	do	5
5-7	K. S. Essex	2.9	9-2	do	3
JIM CREEK					
Headgate High Lane Canal Sec. 13-33-57 W.					
3-12	Johnston-Deamitzsen	0.6	7-19	K. S. Essex	0.2
5-15	K. S. Essex	.3	9-11	do	1
6-23	do	.2			
JIM CREEK					
Sec. 13-33-57 W.					
6-16	K. S. Essex	0.2	6-23	K. S. Essex	0.1
5-25	do	.1	9-14	do	.1
6-23	do	3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
JIM CREEK					
Above Doot Reservoir No. 2 Sec. 7-33-56 W.					
5-15	K. S. Essex	.99	7-19	K. S. Essex	3.0
6-23	do	.2			
JIM CREEK					
Sec. 7-33-56 W.					
3-17	Johnson Burmussen	0.0	6-28	K. S. Essex	0.1
KEITH-LINCOLN COUNTY WASTE					
Sec. 23-14-34 W.					
6-9	A. W. Hall	10.8	9-13	A. W. Hall	35.3
9-4	do	9.5			
LANE DRAIN					
Sec. 30-23-57 W.					
12-10	H. H. Odell	0.5	6-5	H. H. Odell	1.0
12-21	do	1.2	6-25	do	1.2
12-27	do	.5	7-17	do	7.4
1-9	do	.4	7-29	do	5.4
2-18	do	.5	8-12	do	4.5
3-5	do	.4	8-28	do	6.4
3-22	do	.4	9-10	do	4.0
4-6	do	.3	9-21	do	7.8
5-6	do	.4			
LARABEE CREEK					
Sec. 6-34-44 W.					
1-13	A. E. Johnston	1.8	7-23	K. S. Essex	2.4
2-22	do	7.5	8-16	do	1.2
3-15	do	3.0	9-9	do	1.0
LAWRENCE DRAIN					
Sec. 38-19-52 W.					
12-10	A. E. Johnston	6.0	3-13	A. W. Hall	0.9
2-28	do	6.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Location Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
LEANDER CREEK					
Metcamin Sec. 53-34-37 W.					
1-8	A. E. Johnston	0.0	3-14	A. E. Johnston	0.0
2-20	do	.0	5-13	K. S. Essex	.2
LEWELLEN DRAIN					
Lewellen Sec. 28-16-42 W.					
10-1	A. E. Johnston	0.4	1-19	A. E. Johnston	1.5
11-5	do	.5			
LINCOLN COUNTY DRAIN NO. 1					
North Platte Sec. 30-14-30 W.					
10-1	A. E. Johnston	80.0	2-26	A. W. Hall	85.5
10-23	do	66.8	4-21	do	81.5
12-2	do	47.0	5-7	do	46.0
12-18	A. W. Hall	39.3	5-19	do	57.0
1-25	A. E. Johnston	38.7	6-14	do	52.6
2-5	A. W. Hall	29.9	7-8	do	48.8
2-26	do	40.4	8-11	do	51.2
3-11	do	35.2			
LINCOLN COUNTY DRAIN NO. 1 (BRANCH)					
Sec. 29-14-31 W.					
5-9	A. W. Hall	14.0			
LINCOLN COUNTY DRAIN NO. 2					
Sec. 12-14-33 W.					
10-2	A. E. Johnston	2.2	5-19	A. W. Hall	2.8
10-23	do	2.3	5-14	do	1.6
11-6	do	2.3	6-25	do	3.2
12-3	do	2.6	7-9	do	2.0
12-18	A. W. Hall	4.7	5-13	do	3.7
2-8	do	2.6	9-4	do	3.1
4-26	do	2.4			
LONGFORD CREEK					
Wyoming-Nebraska Line Sec. 11 14-59 W.					
12-11	A. E. Johnston	4.4	5-24	Essex Hazen	7.1
2-2	do	4.4	6-28	do	5.1
2-27	do	7.0	7-29	do	2.1
3-29	do	8.1	8-25	K. S. Essex	2.5
4-27	K. S. Essex	5.0	9-29	do	2.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Above Oliver Reservoir—Husband Sec. 33-15-57 W.					
12-11	A. E. Johnston	13.3	5-29	R. S. Essex	10.5
2-2	do	7.7	6-28	do	7.7
7-27	do	11.3	7-30	do	9.2
8-29	do	6.5	7-26	do	8.9
8-5	C. H. Stam	12.6	8-26	do	7.1
LODGEPOLE CREEK					
Below Oliver Reservoir Sec. 31-15-56 W.					
12-11	A. E. Johnston	1.1	6-19	Essex-Hanna	3.8
2-2	do	3.0	7-30	do	5.0
7-27	do	4.5	6-26	R. S. Essex	1.9
8-29	do	5.5	8-20	Essex-Hanna	1.2
4-27	K. S. Essex	.7	8-21	do	2.4
5-24	Essex-Hanna	2.3			
LODGEPOLE CREEK					
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-15-55 W.					
8-1	Hall-Hanna	9.6			
LODGEPOLE CREEK					
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20-15-56 W.					
8-7	J. H. Hanna	9.5			
LODGEPOLE CREEK					
Kimbali—Sec. 29-15-55 W.					
5-25	K. S. Essex	0.1	8-27	K. S. Essex	0.1
6-29	do	.1	8-21	do	.0
LODGEPOLE CREEK					
Kimbali Sec. 29-15-55 W.					
12-15	A. E. Johnston	12.1	5-25	K. S. Essex	0.1
2-1	do	8.9	6-29	do	.1
2-26	do	10.2	8-27	do	.1
3-29	do	12.4	8-21	do	0
4-27	K. S. Essex	2.0			
LODGEPOLE CREEK					
Above Bennett Reservoir Sec. 28-15-56 W.					
4-27	K. S. Essex	0.0	7-31	K. S. Essex	0.0
5-25	do	0	7-27	do	1.5
6-29	Essex-Hanna	2	8-21	Essex-Hanna	.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below Bennett Reservoir Sec. 22-15-55 W.					
2-1	A. E. Johnston	0.7	3-25	K. S. Essex	3.6
7-26	do	3	8-29	Essex-Hansen	2.9
8-27	do	.3	9-31	K. S. Essex	5.0
8-27	K. S. Essex	4.6	9-27	do	3.1
LODGEPOLE CREEK					
Below McIntosh Canal Sec. 23-15-55 W.					
8-23	A. W. Hall	1.2			
LODGEPOLE CREEK					
Dix Sec. 26-15-54 W.					
12-31	A. E. Johnston	0.0	6-30	K. S. Essex	0.0
7-3	do	.3	7-21	do	.9
2-27	do	.9	8-27	do	.0
3-29	do	9	9-21	do	.9
6-26	K. S. Essex	9			
LODGEPOLE CREEK					
Pattier Sec. 6-14-52 W.					
8-14	K. S. Essex	0.9	9-21	K. S. Essex	0.0
8-27	do	.3			
LODGEPOLE CREEK					
Passing Christensen Dam—Sec. 7-14-51 W.					
6-30	K. S. Essex	0.6	8-7	Essex-Hansen	2.2
8-30	do	1.6			
LODGEPOLE CREEK					
Sidney Sec. 31-14-49 W.					
12-11	A. E. Johnston	0.3	3-14	A. W. Hall	0.7
2-8	do	1.4	3-26	K. S. Essex	.9
3-1	do	.9	6-30	do	1.0
3-22	do	2.1	8-2	Essex-Hansen	.3
8-29	do	1.2	8-21	K. S. Essex	.6
4-28	K. S. Essex	.3	9-22	do	1.9
LODGEPOLE CREEK					
NE ¹ , Sec. 32-14-49 W.					
5-14	A. W. Hall	0.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Passing Borginal Dam Sec. 34-14-49 W.					
5-14	A. W. Hall	23	5-27	K. S. Evers	27
LODGEPOLE CREEK					
Passing Hazdwell Canal Sec. 30-14-49 W.					
5-14	A. W. Hall	31			
LODGEPOLE CREEK					
Above Krueger Canal—Sec. 31-14-48 W.					
4-28	K. S. Evers	6.9	5-2	Knox Hansen	4.6
5-14	A. W. Hall	5.1	8-29	K. S. Evers	5.6
5-27	do	5.3	9-22	do	7.4
7-1	do	2.9			
LODGEPOLE CREEK					
Below Krueger's Lake Sec. 29-14-48 W.					
12-12	A. E. Johnson	1.2	7-1	K. S. Evers	0.3
2-3	do	2.9	5-7	Evers-Hansen	.1
3-1	do	7.5	5-75	K. S. Evers	.1
8-22	do	0.1			
LODGEPOLE CREEK					
Hook Pit—NE Corner of Sec. 33-14-45 W.					
12-12	A. E. Johnson	2.6	5-27	K. S. Evers	1.8
2-3	do	2.8	5-28	do	1.1
3-22	do	1.1	9-22	do	2.2
4-23	K. S. Evers	2.4			
LODGEPOLE CREEK					
Fatenburg Dam—Sec. 34-14-48 W.					
8-4	A. W. Hall	1.0			
LODGEPOLE CREEK					
Below LaGrange Dam Sec. 27-14-48 W.					
12-12	A. E. Johnson	1.7	3-22	A. E. Johnson	0.8
2-3	do	.8	7-1	K. S. Evers	.4
3-1	do	0.3	3-2	Knox-Hansen	.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. -ft	Date	Hydrographer	Discharge Sec. -ft
LODGEPOLE CREEK					
South of Sunol Sec. 36-14-48 W.					
4-28	K. S. Essex	2.1	8-9	K. S. Essex	1.0
5-27	do	1.5	8-28	do	.8
7-1	do	1.7	9-22	do	1.2
LODGEPOLE CREEK					
Above Bluffs Dam Sec. 36-14-48 W.					
7-1	K. S. Essex	1.0			
LODGEPOLE CREEK					
Below Bluffs Dam—Sec. 25-14-48 W.					
12-12	A. E. Johnston	0.1	2-7	Essex-Hansen	0.6
2-3	do	0	8-28	K. S. Essex	1.0
3-1	do	.7	9-22	do	.8
7-1	K. S. Essex	.0			
LODGEPOLE CREEK					
Below McLaughlin Dam Sec. 25-14-48 W.					
12-12	A. E. Johnston	0.0	5-7	Essex-Hansen	0.0
2-3	do	.0	8-28	K. S. Essex	.0
3-1	do	.0	9-22	do	0
7-1	K. S. Essex	.0			
LODGEPOLE CREEK					
Over Howard Dam Sec. 31-14-47 W.					
4-25	K. S. Essex	1.6	8-9	Essex-Hansen	1.8
5-28	do	2.9	9-22	K. S. Essex	4.1
7-2	do	.5			
LODGEPOLE CREEK					
Passing Rutter Dam Sec. 30-14-47 W.					
5-28	K. S. Essex	2.2	8-9	K. S. Essex	3.1
7-2	do	.5			
LODGEPOLE CREEK					
Passing Booth Dam Sec. 29-14-47 W.					
7-2	K. S. Essex	1.1	8-28	K. S. Essex	6.0
8-3	do	3.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1917

Date	Hydrographer	Discharge Cfs.	Date	Hydrographer	Discharge Cfs.
LODGEPOLE CREEK					
Passing George Dickinson Dam Sec. 33-14-47 W.					
8-8	Essex-Hansen	9.6			
LODGEPOLE CREEK					
Tehon Dam Sec. 28-14-47 W.					
8-8	Essex-Hansen	4.2	8-29	K. S. Essex	2.1
8-29	K. S. Essex	6.3			
LODGEPOLE CREEK					
Sec. 35-14-17 W.					
8-28	K. S. Essex	0.6	8-29	K. S. Essex	0.5
7-7	do	.4	9-29	do	.3
8-8	Essex-Hansen	1.8			
LODGEPOLE CREEK					
At Luby Dam Sec. 26-14-47 W.					
8-12	K. S. Essex	2.9	8-23	K. S. Essex	0.0
8-29	do	.6			
LODGEPOLE CREEK					
Lodgepole Sec. 30-14-46 W.					
12-12	A. B. Johnston	2.9	4-14	K. S. Essex	0.9
2-3	do	.2	7-2	do	.6
3-1	do	2.8	8-28	do	.1
3-25	do	5.1	9-21	do	.1
LODGEPOLE CREEK					
Below Barrett Dam Sec. 32-14-46 W.					
8-3	Essex-Hansen	2.2	8-28	K. S. Essex	0.0
LODGEPOLE CREEK					
Chappell Sec. 21-14-45 W.					
10-22	A. B. Johnston	1.7	1-29	K. S. Essex	0.2
2-3	do	.2	5-2	do	.2
3-2	do	7.7	8-3	do	.2
3-24	do	11.2	8-20	do	.3
4-29	K. S. Essex	.7	9-22	do	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
LODGEPOLE CREEK					
Interstate Station at Kalton Sec. 19-12-45 W.					
12-17	A. E. Johnston	1.3	5-29	K. S. Ewing	0.6
2-4	do	.1	7-9	do	.3
3-2	do	7.1	8-8	do	1.1
3-23	do	16.6	8-20	do	.7
4-28	K. S. Ewing	4.0	9-21	do	.1
LOMBARDIAN CREEK					
Lemoyne Sec. 19-15-39 W.					
10-1	A. E. Johnston	0.0	4-15	A. W. Hall	1.1
10-24	do	8.8	4-27	do	1.2
11-5	do	8.7	5-8	do	.0
11-21	do	7.5	5-21	do	.0
12-4	do	5.9	9-10	do	6.5
12-15	A. W. Hall	4.6	7-20	do	4.6
1-19	A. E. Johnston	6.7	8-11	do	5.1
2-5	A. W. Hall	5.8	8-30	do	.0
2-8	do	5.9	9-4	do	6.9
3-27	do	4.2			
LOST CREEK					
Sec. 1-10-44 W.					
1-29	A. E. Johnston	0.0	2-8	A. W. Hall	0.0
2-5	A. W. Hall	.0	6-27	do	.5
LOUIS RIVER					
Columbus Sec. 29-17-1 E.					
10-15	A. C. Hasterlo	2750.0	1-17	H. W. Gehring	2334.0
10-26	do	2250.0	6-2	do	2540.0
11-11	do	229.0	6-8	do	2500.0
12-18	do	249.0	6-15	do	1501.0
11-29	do	314.0	6-22	do	1769.0
12-15	do	254.0	6-25	do	4752.0
12-23	do	267.0	7-5	do	1495.0
1-9	Kiserhuth-Hastert-Hasterlo	250.0	7-14	do	4639.0
1-18	Hastert-Hasterlo	250.0	7-19	do	3744.0
1-26	H. C. Hastert	134.0	7-27	do	1812.0
2-2	do	1241.0	8-5	do	1790.0
2-2	do	1420.0	8-12	do	900.0
2-9	do	1500.0	8-21	Gehring-Ewerhuth	2390.0
3-20	Sawyer-Gehring	2700.0	8-25	H. W. Gehring	1102.0
4-2	H. W. Gehring	2550.0	9-1	do	1642.0
4-15	do	2031.0	9-8	do	3221.0
4-29	L. H. Sawyer	3820.0	9-15	do	1924.0
6-4	H. W. Gehring	3037.0	9-27	do	1992.0
5-11	do	3472.0	9-29	do	1972.0
5-29	do	1951.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, MIDDLE					
Sargent Sec. 10-12-18 W.					
12-15	H. H. Colel	785.0	5-26	J. V. Ruzicka	492.0
12-4	Wayne Central	792.0	6-4	do	868.0
12-28	do	867.0	6-11	do	785.0
1-12	do	835.0	6-18	do	736.0
1-18	do	767.0	6-21	Reed-Ruzicka	609.0
2-6	do	826.0	6-25	J. V. Ruzicka	626.0
2-13	do	972.0	7-2	do	717.0
2-19	do	1121.0	7-9	do	424.0
3-1	do	765.0	7-14	Eisenhuth-Ruzicka	877.0
3-17	L. B. Sawyer	941.0	7-23	J. V. Ruzicka	740.0
3-26	G. Murray	919.0	7-30	do	568.0
4-2	Murray-Ruzicka	822.0	8-8	do	786.0
4-8	Ruzicka-Sawyer	840.0	8-12	do	714.0
4-17	J. V. Ruzicka	847.0	8-22	do	727.0
4-23	do	835.0	8-23	do	689.0
4-30	do	861.0	8-30	do	729.0
5-7	do	928.0	9-10	do	861.0
5-13	do	721.0	9-17	do	693.0
5-21	do	763.0	9-24	do	756.0

LOUP RIVER, MIDDLE
Constock Sec. 6-17-16 W.

11-14	H. H. Colel	745.0	5-27	J. V. Ruzicka	781.0
1-27	Wayne Central	592.0	5-28	do	821.0
2-23	Reed-Central	875.0	6-4	do	784.0
3-2	Wayne Central	875.0	6-11	do	810.0
3-17	Sawyer-Murray	971.0	6-18	do	859.0
3-26	G. Murray	710.0	6-21	Ruzicka-Reed	669.0
4-4	J. V. Ruzicka	709.0	6-25	J. V. Ruzicka	664.0
4-8	Sawyer-Ruzicka	872.0	7-2	do	642.0
4-17	J. V. Ruzicka	955.0	7-9	do	645.0
4-23	do	1025.0	7-17	do	681.0
4-30	do	852.0	7-25	do	552.0
5-7	do	844.0	7-31	do	691.0
5-14	do	675.0			

LOUP RIVER, MIDDLE
Arcadia Sec. 26-27-15 W.

7-7	J. V. Ruzicka	611.0	8-30	J. V. Ruzicka	878.0
7-14	Eisenhuth-Ruzicka	777.0	9-3	do	875.0
7-18	J. V. Ruzicka	3130.0	9-4	do	1629.0
7-24	do	717.0	9-13	do	828.0
7-30	do	902.0	9-16	F. H. Reed	797.0
8-6	do	719.0	9-18	J. V. Ruzicka	691.0
8-16	do	584.0	9-28	do	712.0
8-23	do	649.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge		Hydrographer	Discharge Sec. 31
		Sec. 26	Date		
LOUP RIVER, MIDDLE					
Loop City—Sec. 14-15-16 W.					
11-14	1850 B. Cooper	811.0	6-19	J. V. Ruzicka	568.0
1-14	Wayne Carroll	755.0	6-27	do	629.0
3-2	do	676.0	7-7	do	662.0
3-17	Raynor Murray	1300.0	7-19	do	517.0
3-20	G. Murray	1090.0	7-17	do	466.0
1-3	Edw. K. Natus	918.0	7-24	do	670.0
1-7	Samuel J. Fuchs	890.0	7-27	do	618.0
1-17	J. V. Ruzicka	911.0	8-7	do	671.0
1-25	do	1090.0	8-11	do	632.0
1-31	do	927.0	8-22	do	663.0
7-8	Ruzicka-Ham	677.0	8-28	do	671.0
5-15	J. V. Ruzicka	530.0	9-4	do	219.0
5-22	do	178.0	9-11	do	203.0
5-31	do	815.0	9-18	do	763.0
6-5	do	1740.0	9-26	do	651.0
6-12	do	502.0			
LOUP RIVER, MIDDLE					
Radium—Sec. 29-13-12 W.					
11-21	H. H. Cidell	900.0	6-7	J. V. Ruzicka	152.0
12-7	C. B. Ham	720.0	7-2	do	339.0
1-25	Wayne Carroll	1150.0	7-30	do	670.0
3-15	L. H. Sawyer	602.0	7-14	Edward H. Reed	388.0
3-27	G. Murray	1100.0	7-14	J. V. Ruzicka	530.0
4-3	Ruzicka-Murray	171.0	7-31	do	295.0
4-2	J. V. Ruzicka	877.0	8-7	do	767.0
4-16	do	793.0	8-14	do	663.0
4-24	do	158.0	8-22	do	680.0
5-3	do	343.0	8-22	do	510.0
5-9	Ruzicka-Ham	300.0	8-24	do	100.0
5-16	J. V. Ruzicka	900.0	9-5	do	1400.0
5-22	do	667.0	9-11	do	306.0
5-23	do	322.0	9-18	do	174.0
6-5	do	222.0	9-29	E. H. Reed	650.0
6-12	do	110.0	9-25	J. V. Ruzicka	120.0
6-19	do	290.0			
LOUP RIVER, MIDDLE					
St. Paul—Sec. 10-14-10 W.					
10-14	F. D. Reed	790.0	4-26	L. H. Sawyer	995.0
10-19	do	574.0	5-7	C. B. Ham	1090.0
11-9	H. H. Cidell	741.0	5-24	do	861.0
11-22	do	671.0	6-30	E. H. Reed	502.0
1-5	Rosenbush-Ham	707.0	6-30	do	727.0
2-16	F. H. Reed	450.0	7-7	H. P. Rosenbush	719.0
2-23	do	136.0	7-16	do	703.0
3-12	L. H. Sawyer	154.0	8-30	do	649.0
3-25	do	179.0	8-19	do	561.0
3-30	do	1000.0	9-29	F. D. Reed	1036.0
4-10	do	1000.0	9-18	do	745.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 5.	Date	Hydrographer	Discharge Sec. 5.
LOUIS RIVER, NORTH					
Taylor—Sec. 23-21-18 W					
10-17	K. D. Reed	480.0	5-11	R. H. Armstrong	400.0
11-26	Odell-Armstrong	490.0	5-29	do	374.0
12-8	C. B. Ham	332.0	5-26	do	464.0
12-17	R. H. Armstrong	395.0	6-2	do	458.0
12-21	do	461.0	6-9	do	384.0
1-8	do	520.0	6-17	do	391.0
1-14	do	360.0	6-23	do	306.0
1-22	do	267.0	6-30	do	270.0
1-29	do	374.0	7-7	do	317.0
2-5	do	388.0	7-13	do	327.0
2-12	do	454.0	7-14	do	337.0
2-19	do	495.0	7-21	do	298.0
2-27	do	452.0	7-26	do	291.0
3-6	do	531.0	8-4	do	307.0
3-11	L. R. Sawyer	531.0	8-11	do	299.0
3-15	R. H. Armstrong	443.0	8-19	H. P. Eisenbath	312.0
3-26	do	314.0	8-31	R. H. Armstrong	327.0
4-1	do	449.0	9-5	do	400.0
4-7	do	452.0	9-15	do	264.0
4-14	do	390.0	9-17	K. D. Reed	257.0
4-21	do	417.0	9-22	R. H. Armstrong	328.0
4-28	do	422.0	9-26	do	374.0
5-5	do	451.0			
LOUIS RIVER, NORTH					
Burwell—Sec. 19-21-16 W					
1-24	Odell-Armstrong	717.0	5-12	R. H. Armstrong	707.0
2-10	Ham Armstrong	822.0	5-19	do	649.0
2-19	R. H. Armstrong	562.0	5-26	do	856.0
3-8	do	456.0	6-2	do	704.0
1-12	do	590.0	6-9	do	678.0
1-21	do	596.0	6-17	do	597.0
1-29	do	670.0	6-23	do	625.0
2-5	do	634.0	6-30	do	580.0
2-12	do	675.0	7-7	do	673.0
2-22	do	612.0	7-14	do	574.0
3-1	do	816.0	7-21	do	558.0
3-8	do	1160.0	7-26	do	525.0
3-11	L. R. Sawyer	972.0	8-4	do	545.0
3-15	R. H. Armstrong	763.0	8-11	do	553.0
3-26	do	758.0	8-19	H. P. Eisenbath	551.0
4-1	do	726.0	8-31	R. H. Armstrong	637.0
4-7	do	777.0	9-5	do	644.0
4-15	do	723.0	9-15	do	678.0
4-22	do	664.0	9-17	K. D. Reed	612.0
4-28	do	754.0	9-22	R. H. Armstrong	556.0
5-5	do	800.0	9-26	do	618.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, NORTH					
Ord. Sec. 28-19-14 W.					
11-25	H. H. Osbitt	859.0	5-21	H. H. Armstrong	668.0
12-20	H. H. Armstrong	878.0	5-31	do	715.0
1- 3	do	154.0	6- 7	do	761.0
1-11	do	621.0	6-14	do	439.0
1-18	do	571.0	6-23	do	673.0
1-25	do	596.0	6-26	do	775.0
2- 1	do	678.0	7- 2	do	577.0
2- 8	do	657.0	7- 9	do	509.0
2-26	do	776.0	7-15	Koenhuth-Armstrong	646.0
2-29	M. D. Reed	925.0	7-19	H. H. Armstrong	866.0
3-24	H. H. Armstrong	991.0	7-19	do	177.0
3- 3	do	996.0	7-21	do	547.0
3-12	L. E. Sawyer	940.0	7-31	do	406.0
3-19	H. H. Armstrong	756.0	8- 7	do	464.0
3-27	do	619.0	8-13	do	618.0
4- 3	do	562.0	8-19	H. P. Eisenhuth	166.0
4-10	do	777.0	8-30	H. H. Armstrong	528.0
4-17	do	696.0	9- 7	do	745.0
4-25	do	861.0	9-14	do	707.0
5- 3	do	868.0	9-21	do	681.0
5-20	C. E. Ham	733.0	9-28	do	622.0
5-27	H. H. Armstrong	666.0			
LOUP RIVER, NORTH					
Sec. 14—Sec. 8-17-12 W.					
11-25	H. H. Osbitt	224.0	5-24	H. H. Armstrong	670.0
12-23	H. H. Armstrong	852.0	5-31	do	679.0
1- 7	do	469.0	6- 5	do	1556.0
1-15	do	567.0	6- 7	do	732.0
1-21	do	581.0	6-14	do	634.0
1-28	do	579.0	6-21	do	690.0
2- 4	do	624.0	6-28	do	802.0
2-11	do	658.0	7- 2	do	650.0
2-18	Reed-Armstrong	1030.0	7- 9	do	594.0
2-26	H. H. Armstrong	807.0	7-15	Koenhuth-Armstrong	599.0
3-12	L. E. Sawyer	954.0	7-19	H. H. Armstrong	1870.0
3-19	H. H. Armstrong	961.0	7-24	do	637.0
3-20	do	1029.0	7-31	do	730.0
3-28	do	817.0	8- 7	do	578.0
4- 4	do	846.0	8-13	do	534.0
4-10	do	684.0	8-20	H. P. Eisenhuth	625.0
4-25	do	707.0	8-30	H. H. Armstrong	670.0
4-26	do	715.0	9- 7	do	770.0
5- 3	do	871.0	9-14	do	667.0
5-10	C. E. Ham	690.0	9-21	do	647.0
5-17	H. H. Armstrong	655.0	9-29	do	606.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, NORTH					
St. Paul Sec. 22-15-10 W.					
10-14	F. D. Reed	722.0	4-28	L. R. Sawyer	778.0
10-20	do	617.0	5-8	C. B. Ham	882.0
11-9	H. H. Odell	735.0	5-24	do	679.0
12-28	do	798.0	5-30	F. D. Reed	744.0
1-8	Eisenhuth-Ham	512.0	6-20	do	655.0
2-11	F. D. Reed	689.0	7-7	H. P. Eisenhuth	552.0
2-20	do	660.0	7-18	do	567.0
3-13	L. R. Sawyer	512.0	8-11	do	491.0
3-26	do	1130.0	8-12	do	460.0
3-31	do	750.0	9-7	F. D. Reed	756.0
4-9	do	757.0	9-15	do	605.0
LOUP RIVER, SOUTH					
Callaway Sec. 2-15-23 W.					
7-11	A. W. Hall	80.4	5-9	C. B. Ham	116.0
7-25	do	6.3	5-17	A. W. Hall	79.9
8-25	do	55.4	6-18	F. D. Reed	43.8
8-13	do	67.2	7-13	H. P. Eisenhuth	67.0
1-8	do	94.5	8-17	do	34.3
4-25	do	97.1	9-10	F. D. Reed	54.0
5-5	do	90.7			
LOUP RIVER, SOUTH					
Pleasanton Sec. 33-12-15 W.					
10-7	A. E. Johnston	86.7			
MEDICINE SLOUGH					
Sec. 21-6-40 W.					
12-12	A. E. Johnston	7.0	7-6	K. B. Essex	1.9
2-5	do	2.9	8-8	do	1.3
2-8	do	2.4	8-31	do	1.2
3-29	do	3.5	8-28	do	2.4
MEDICINE CREEK					
Cambridge—Sec. 18-4-25 W.					
12-10	H. P. Eisenhuth	62.0	4-15	L. R. Sawyer	47.1
12-14	A. E. Johnston	40.0	4-29	do	51.9
1-22	C. B. Ham	37.5	5-19	C. B. Ham	41.5
2-8	A. E. Johnston	34.5	6-2	F. D. Reed	1860.0
3-1	F. D. Reed	62.0	6-29	do	90.0
3-5	A. E. Johnston	96.0	7-22	H. P. Eisenhuth	32.2
3-24	do	70.0	8-28	do	30.9
3-27	L. R. Sawyer	59.0	9-16	F. D. Reed	25.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 11.	Date	Hydrographer	Discharge Sec. 11.
MELBETA DRAIN Sec. 25-21-54 W.					
1-25	H. H. Odell	5.1			
MELBETA DRAIN One-half Mile West Mellota Bridge Sec. 13-21-54 W.					
10-15	A. E. Johnston	5.6	5-25	H. H. Odell	9.4
12-5	H. H. Odell	9	6-11	do.	13.0
12-18	do.	9	6-23	do.	15
12-28	do.	4	7-21	do.	8
1-7	do.	2	7-27	do.	2
2-5	do.	7	8-5	do.	2
3-3	do.	6	8-12	do.	3
3-21	do.	2	8-31	do.	5.1
4-2	do.	1	9-17	do.	4.4
5-4	do.	2.4	9-30	do.	7.0
MINNECHADUZA CREEK Valentine Sec. 23-34-29 W.					
1-12	A. E. Johnston	13.7	6-15	K. S. Evers	12.9
2-19	do.	14.2	7-24	do.	7.4
3-19	do.	28.1	8-16	do.	6.2
5-13	K. S. Evers	12.7	9-9	do.	11.8
MITCHELL FACTORY WASTE Mitchell Sec. 28-23-56 W.					
10-7	M. C. Boyer	2.0	4-5	H. H. Odell	0.1
10-24	A. E. Johnston	12.0	5-6	do.	7
11-30	M. C. Boyer	2.0	5-25	do.	.7
12-8	H. H. Odell	1	6-10	do.	.1
12-19	do.	1	6-14	do.	.3
12-23	do.	9	7-29	do.	1.6
1-5	do.	2	8-11	do.	6
2-3	do.	9	8-15	do.	.0
3-4	do.	1	9-9	do.	.3
3-25	do.	1	9-23	do.	1
MITCHELL SPILLWAY From Tri-State Canal Sec. 35-23-56 W.					
10-7	M. C. Boyer	10.0	5-4	H. H. Odell	0.0
10-14	A. E. Johnston	2.0	6-10	do.	.9
11-5	H. H. Odell	10.6	6-25	do.	.1
12-19	do.	11.9	7-17	do.	8
2-29	do.	2.9	7-29	do.	.2
5-9	do.	7.7	8-17	do.	.1
5-16	do.	8.1	8-25	do.	1.4
8-4	do.	6.0	9-9	do.	.4
8-22	do.	2.5	9-28	do.	.6
4-5	do.	3.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MONROE CREEK					
Above Monroe Canal Sec. 33-33-56 W.					
3-12	Johnston-Gibberson	1.8	6-20	K. S. Essex	0.6
MONROE CREEK					
Below Monroe Canal Sec. 33-33-56 W.					
7-29	K. S. Essex	0.9	8-13	K. S. Essex	0.1
MUDDY CREEK					
Hazard Sec. 29-13-15 W.					
8-18	F. D. Reed	21.0	4-26	L. H. Sawyer	20.7
11-26	H. H. Odell	30.6	5-9	C. R. Han	22.3
1-18	C. B. Blum	23.6	6-12	F. D. Reed	27.6
2-21	F. D. Reed	25.6	7-14	H. P. Eschbuth	24.4
3-18	L. W. Sawyer	27.9	8-27	do.	11.7
5-9	do.	21.7	9-16	F. D. Reed	19.0
NINE MILE DRAIN					
Munature Sec. 25-21-53 W.					
7-12	M. C. Boyer	112.0	5-11	H. E. Odell	47.9
10-13	A. E. Johnston	111.0	4-22	do.	49.7
11-4	M. C. Boyer	110.0	5-3	do.	81.9
12-5	H. H. Odell	85.3	3-17	do.	76.5
12-19	do.	82.6	6-7	do.	702.3
12-25	do.	79.2	6-23	do.	119.0
1-6	do.	72.4	7-9	do.	119.0
1-21	do.	70.0	7-22	do.	112.0
2-2	do.	73.3	8-4	do.	112.0
2-17	do.	69.2	8-19	do.	285.0
3-3	do.	70.8	8-31	do.	177.0
3-15	do.	70.5	9-11	do.	149.0
3-22	do.	66.4	9-29	do.	161.0
4-2	do.	68.8			
NIORARA RIVER					
Wyoming State Line Sec. 20-31-58 W.					
5-15	K. S. Essex	1.2	8-12	K. S. Essex	1.5
6-24	do.	1.9	9-11	do.	2.6
7-15	do.	1.5			
NIORARA RIVER					
South of Harrison Sec. 9-29-51 W.					
6-15	K. S. Essex	6.5	8-22	K. S. Essex	4.2
6-24	do.	4.9	9-14	do.	4.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIORRARA RIVER					
Agate Sec. 7-28-55 W.					
5-29	K. S. Essex	17.1	8-21	K. S. Essex	12.7
6-24	do	5.1	8-24	do	9.7
7-15	do	6.2			
NIORRARA RIVER					
Below Mouth of Whistle Creek Sec. 7-28-53 W.					
5-15	K. S. Essex	5.2	8-21	K. S. Essex	11.9
6-24	do	5.0	8-15	do	6.3
7-17	Essex Rosmussen	6.0			
NIORRARA RIVER					
East of Mansfield Sec. 36-29-51 W.					
5-5	A. E. Johnston	31.2	6-24	K. S. Essex	10.7
5-24	do	30.4	7-17	Essex-Rasmussen	8.4
5-11	do	65.7	8-17	K. S. Essex	6.5
5-19	K. S. Essex	9.5	9-15	do	20.2
NIORRARA RIVER					
Dunlap—Sec. 27-29-46 W.					
10-23	M. C. Hayes	22.4	6-19	K. S. Essex	12.4
11-17	H. W. Rosenbuth	77.6	7-22	do	15.0
1-14	A. E. Johnston	39.2	8-17	do	3.2
2-24	do	58.0	9-4	H. H. O'Neil	2530.0
3-20	do	65.0	9-10	K. S. Essex	60.0
5-12	O'Neil-Pulanshee	8.2	9-14	H. H. O'Neil	401.0
5-19	K. S. Essex	6.7	9-16	K. S. Essex	43.4
NIORRARA RIVER					
South of Gordon Sec. 15-31-41 W.					
1-12	A. E. Johnston	111.2	6-15	K. S. Essex	121.0
7-20	do	213.6	7-24	do	63.3
3-16	do	229.5	8-12	do	53.3
5-14	K. S. Essex	95.3	9-9	do	150.6
NIORRARA RIVER					
Valentine Sec. 28-33-28 W.					
1-9	A. E. Johnston	246.5	6-17	K. S. Essex	103.0
2-27	do	1017.0	7-24	do	154.0
3-24	do	1009.7	8-15	do	125.0
5-22	K. S. Essex	432.0	9-8	do	544.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Cfs. or Sec.-ft.	Date	Hydrographer	Discharge Cfs. or Sec.-ft.
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NIobrARA RIVER

Below Dam at Valentine Sec. 22-24-27 W.

1-11	A. E. Johnston	2124	6-17	G. E. Kasek	622.0
2-19	do	2305	2-24	do	613.0
3-18	do	1006.0	3-14	do	581.0
5-31	K. S. Kasek	252.0	2-7	do	1250.0

NIobrARA RIVER

Spencer Sec. 30-33-11 W.

10-7	H. H. Ocell	1191.0	4-22	L. B. Sawyer	2130.0
10-16	F. D. Reed	1226.0	5-11	C. B. Hays	2150.0
12-16	H. H. Ocell	1029.0	6-17	F. D. Reed	953.0
2-14	C. H. Hays	576.0	7-12	H. P. Eisenhuth	247.0
2-17	F. D. Reed	466.0	1-14	do	570.0
2-19	L. B. Sawyer	1690.0	2-14	F. D. Reed	724.0
4-5	do	1810.0			

NORTH PLATTE CANAL WASTE

North Platte Sec. 29-34-20 W.

10-8	A. E. Johnston	0.7	6-14	A. W. Hall	1.0
10-23	do	0	6-26	do	2.1
5-7	A. W. Hall	35.2	7-8	do	1.0
7-19	do	21.1	7-29	do	3.0
4-26	do	20.1			

NORTH PLATTE CANAL WASTE

To Scout Creek Sec. 24-14-31 W.

6-10	A. W. Hall	15	7-8	A. W. Hall	0.0
6-14	do	6.1	7-29	do	5.3
4-26	do	0	9-4	do	9

OAK CREEK

Lincoln Sec. 16-10-6 E.

10-21	F. D. Reed	0.4	5-14	C. B. Hays	2.4
12-25	H. H. Ocell	2.3	6-17	F. D. Reed	24.2
7-19	C. H. Hays	8	7-7	H. P. Eisenhuth	14
2-25	F. D. Reed	2.4	8-13	do	1.9
3-22	L. B. Sawyer	2.1	9-27	F. D. Reed	1.2
4-5	do	6.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. 6.	Date	Hydrographer	Discharge Sec. 6.
OTTER CREEK					
Tennysville—Sec. 5-15-10 W.					
10-1	A. E. Johnston	15.1	3-27	A. W. Hall	23.9
10-21	do	22.2	4-13	do	11.5
12-5	do	28.0	5-21	do	2.3
12-21	do	26.5	5-29	do	1.1
12-4	do	73.1	6-15	do	28.2
12-19	A. W. Hall	22.9	7-26	do	15.3
2-19	A. E. Johnston	24.8	7-30	do	17.9
2-5	A. W. Hall	74.5	8-14	do	19.0
2-8	do	23.0	8-4	do	34.7

PAWNEE CREEK

Sec. 4-12-27 W.

10-5	A. E. Johnston	2.5	4-19	A. W. Hall	8.1
10-27	do	6.7	4-21	do	6.2
11-28	do	5.9	5-11	do	6.3
12-17	A. W. Hall	7.0	5-18	do	6.0
1-5	do	11.5	6-11	do	2.9
2-9	do	2.4	6-25	do	5.5
2-25	do	8.1	7-5	do	7.8
3-11	do	10.0	8-12	do	4.7
3-23	do	11.8	9-1	do	1.7

PAXTON HURSHBY WASH.

Sec. 14-14-32 W.

10-9	A. E. Johnston	23.8
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PEPPER CREEK

Dunlap-Chadron Highway—Sec. 27-30-45 W.

2-29	A. E. Johnston	0.6	7-21	K. F. Keeser	0.0
5-19	K. F. Keeser	.1	9-10	do	3
6-19	do	.3			

PINE CREEK

Coldwater Mill—Sec. 33-30-14 W.

1-13	A. E. Johnston	15.8	5-15	A. E. Johnston	22.5
2-22	do	26.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PLUM CREEK					
E. P. R. Bridge—Sec. 10-19-49 W.					
12-17	A. E. Johnston	16	4-1	H. H. Odell	22
12-26	H. H. Odell	18	4-19	Inst. Passer	8
12-29	do	16	5-1	H. H. Odell	6
1-4	A. E. Johnston	17	5-24	do	4
1-5	H. H. Odell	15	6-16	do	7.6
1-16	A. E. Johnston	20	6-29	A. W. Hall	19
2-2	H. H. Odell	22	7-12	do	13
7-12	A. E. Johnston	29	7-17	do	19
7-25	do	24	7-31	do	2
8-1	H. H. Odell	19	8-19	do	7
8-18	do	17	8-31	do	5

PRAIRIE DOG CREEK

Sec. 17-33-55 W.

3-12 Johnston-Dickmussen 0.8

PUMPKINSEED CREEK

Gering-Kimball Highway—Sec. 4-10-56 W.

12-26	A. E. Johnston	7.7	4-28	K. S. Essex	2.9
2-1	do	1.9	8-25	do	1
2-26	do	12.2	9-25	do	2.2

PUMPKINSEED CREEK

Above Heurd Canal Sec. 14-19-54 W.

5-29	A. W. Hall	3.7	8-25	K. S. Essex	0.5
4-24	do	2.9	9-25	do	1.0
6-9	do	.3			

PUMPKINSEED CREEK

Below Mosier Dam Sec. 21-19-43 W.

3-18	A. W. Hall	4.1	5-15	K. S. Essex	2.5
4-24	do	3.5	8-25	do	2.4
6-9	do	1.4			

PUMPKINSEED CREEK

Below Sears Pump Sec. 25-19-53 W.

2-26	A. W. Hall	9.1	4-18	A. W. Hall	6.8
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

<u>Date</u>	<u>Hydrographer</u>	<u>Discharge</u> <u>Sec. ft.</u>	<u>Day</u>	<u>Hydrographer</u>	<u>Discharge</u> <u>Sec. ft.</u>
PUMPKINSEED CREEK					
Above Mutual Canal—Sec. 32-19-52 W.					
3-16	A. W. Hall	17.7	3-9	A. W. Hall	0.9
4-24	do	37	4-23	do	1.6
4-26	do	9.2	4-25	K. S. Essex	2.4
7-22	Therrell-Mattell	1.8	9-25	do	3.3
PUMPKINSEED CREEK					
Below Mutual Canal Sec. 27-19-52 W.					
4-25	K. S. Essex	5.1	7-2	A. W. Hall	6.6
5-12	A. W. Hall	2.5			
PUMPKINSEED CREEK					
North of Reddick—Sec. 21-19-52 W.					
3-18	A. W. Hall	11.7	3-11	A. W. Hall	7.2
4-14	do	8.4	4-25	K. S. Essex	3.2
PUMPKINSEED CREEK					
Below Round House Rock Canal Sec. 27-19-51 W.					
3-16	A. W. Hall	3.2	7-2	A. W. Hall	4.9
4-24	do	12.5	4-24	K. S. Essex	5.1
5-22	do	13.1	5-24	do	4.9
PUMPKINSEED CREEK					
Below Court House Rock Canal—Sec. 33-19-50 W.					
3-16	A. W. Hall	26.4	5-14	K. S. Essex	6.0
5-24	K. S. Essex	9			
PUMPKINSEED CREEK					
5 Miles South of Bridgeport Sec. 28-19-50 W.					
3-16	A. W. Hall	30.6	8-24	K. S. Essex	5.1
5-12	do	5.6	9-24	do	8.0
PUMPKINSEED CREEK					
Below Last Chance Canal Sec. 27-19-50 W.					
3-16	A. W. Hall	29.3	5-24	K. S. Essex	9.0
5-24	K. S. Essex	7.7			
PUMPKINSEED CREEK					
Below Meredith-Ammer Canal—Sec. 23-19-50 W.					
3-16	A. W. Hall	44.4	9-13	K. S. Essex	19.9
5-23	K. S. Essex	6.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
PUMPKINSEED CREEK					
Mouth Sec. 12-29-50 W.					
10-17	A. E. Johnston	12.0	4-2	H. H. Oxbell	15.3
12-4	H. H. Oxbell	50.9	4-10	do	50.9
12-17	do	15.2	4-21	Robertson	12.6
12-28	do	15.7	4-26	K. S. Emery	8.6
1-4	do	27.1	5-3	H. H. Oxbell	8.9
1-4	A. E. Johnston	20.2	5-17	do	21.5
1-26	do	25.5	6-1	do	25.4
1-30	H. H. Oxbell	21.5	6-16	do	55.0
3-2	do	28.9	7-2	A. W. Hall	5.9
3-18	A. E. Johnston	27.0	7-17	do	3.4
3-26	H. H. Oxbell	23.9	8-5	do	11.0
3-25	A. E. Johnston	37.4	8-27	do	7.5
3-7	H. H. Oxbell	42.2	9-9	do	41.2
3-9	do	41.1	9-24	K. S. Emery	19.2
3-15	A. W. Hall	41.7			

RED WILLOW CREEK

Below Wild Horse Denin Sec. 7-20-51 W.

10-2	M. C. Boyer	64.9	4-10	H. H. Oxbell	48.8
11-18	A. E. Johnston	104.0	4-12	do	22.8
11-5	M. C. Boyer	56.5	5-3	do	68.0
12-4	H. H. Oxbell	49.0	5-11	do	28.7
12-17	do	47.8	5-25	do	37.9
12-24	do	65.5	6-7	do	68.2
1-6	do	55.5	6-19	do	34.8
1-19	do	51.5	7-7	do	47.7
1-27	do	49.0	7-22	do	45.7
2-17	do	45.5	8-4	do	43.2
3-2	do	40.7	8-28	do	219.0
3-15	do	45.1	8-31	do	58.7
3-22	do	48.5	9-14	do	62.1
4-1	do	46.0	9-29	do	75.2

RED WILLOW CREEK

Red Willow Sec. 17-3-28 W.

12-14	A. E. Johnston	28.9	7-9	K. S. Emery	9.9
7-8	do	17.0	8-9	do	13.5
7-8	do	40.5	9-2	do	14.6
4-6	K. S. Emery	15.5	9-20	do	7.2
6-7	do	21.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
REPUBLICAN RIVER					
Colorado-Nehalem Line--Sec. 34-1-42 W					
12-7	F. D. Reed	46.2	5-8	K. S. Essex	21.6
11-28	H. T. Odell	50.0	5-21	C. R. Ham	6.9
12-11	H. P. Eisenhuth	64.0	6-9	K. S. Essex	31.0
17-15	A. E. Johnston	75.1	7-1	F. D. Reed	4.6
1-26	C. R. Ham	51.0	7-19	K. S. Essex	4.1
2-10	A. E. Johnston	67.0	7-24	H. P. Eisenhuth	74.0
3-2	F. D. Reed	67.0	7-21	do	57.0
3-8	A. E. Johnston	71.7	8-14	K. S. Essex	3.4
3-26	do	77.0	8-28	H. P. Eisenhuth	5.5
3-29	L. R. Sawyer	62.0	9-3	K. S. Essex	6.7
4-17	do	49.7	9-26	F. D. Reed	47.0
5-1	Sawyer-Fullambee	28.1			

REPUBLICAN RIVER, NORTH FORK

Berkelman--Sec. 19-1-37 W

12-15	A. E. Johnston	115.7	6-2	K. S. Essex	91.5
2-19	do	91.4	7-9	do	7.3
3-8	do	101.5	7-19	do	6.6
3-25	do	70.7	9-3	do	6.3
5-7	K. S. Essex	63.2			

REPUBLICAN RIVER, SOUTH FORK

Berkelman--Sec. 31-1-37 W

12-15	A. E. Johnston	72.5	8-2	Eisenhuth-Fullambee	9.6
2-19	do	26.8	8-19	K. S. Essex	6
3-6	do	60.4	8-27	H. P. Eisenhuth	91.4
3-25	do	71	9-4	K. S. Essex	4.8
5-7	K. S. Essex	79.9	9-3	F. D. Reed	227.0
6-8	do	47.5	9-25	do	3
7-9	do	30			

REPUBLICAN RIVER

Max. Sec. 32-2-35 W

10-3	K. S. Essex	79.9	5-7	K. S. Essex	22.9
11-27	H. T. Odell	98.9	5-21	C. R. Ham	133.0
12-5	H. P. Eisenhuth	112.0	6-8	Essex-Reed	127.0
17-14	A. E. Johnston	260.0	7-1	F. D. Reed	41.8
3-7	C. R. Ham	79.6	7-9	K. S. Essex	6.3
3-8	A. E. Johnston	66.6	7-24	H. P. Eisenhuth	18.7
3-2	F. D. Reed	453.0	7-1	K. S. Essex	2
3-6	A. E. Johnston	215.0	7-25	H. P. Eisenhuth	61.0
3-25	do	62.0	8-2	K. S. Essex	5.9
3-25	L. R. Sawyer	215.0	8-5	F. D. Reed	429.0
4-6	do	51.0	8-26	do	26.1
5-1	Sawyer-Fullambee	79.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Gauger	Location Sec. ft.	Date	Gauger	Discharge Sec. ft.
REPUBLICAN RIVER					
Culbertson Secs. 17 and 20-3-31 W.					
10-10	H. D. Reed	17.0	7-7	K. S. Egan	179.0
11-25	H. H. Odell	31.0	7-20	C. H. Hays	226.0
12-9	H. P. Rosebush	42.5	8-6	K. S. Egan	207.0
12-15	A. E. Johnson	172.0	8-8	F. D. Reed	190.0
1-22	C. H. Hays	18.0	8-20	do	129.0
2-9	A. E. Johnson	11.6	7-8	K. S. Egan	20.0
3-1	H. D. Reed	177.0	7-23	H. P. Rosebush	81.0
3-4	A. E. Johnson	259.0	8-9	K. S. Egan	9
3-25	do	41.7	8-26	H. P. Rosebush	25.4
3-27	L. R. Sawyer	110.0	8-2	K. S. Egan	21.0
4-15	do	38.0	9-25	F. D. Reed	17.5
4-30	do	58.0	9-30	K. S. Egan	27.4

REPUBLICAN RIVER

McCook Secs. 32-3-28 W.

10-14	A. E. Johnson	313.1	7-5	K. S. Egan	22.7
7-5	do	191.0	8-9	do	2.1
3-5	do	463.4	9-2	do	28.1
3-25	do	386.5	9-9	do	36.7
5-6	K. S. Egan	249.4			

REPUBLICAN RIVER

Bloomington Secs. 8-1-15 W.

10-12	L. C. Crawford	26.6	4-15	L. R. Sawyer	326.0
10-23	F. D. Reed	51.0	4-25	do	259.0
11-22	H. H. Odell	221.0	5-27	C. H. Hays	521.0
11-25	A. E. Johnson	211.0	5-27	do	1462.0
12-17	C. H. Hays	267.0	6-25	H. P. Rosebush	447.0
1-22	do	47.0	7-22	H. P. Rosebush	1130.0
1-1	H. D. Reed	474.0	8-24	do	194.0
3-27	L. R. Sawyer	451.0	9-23	F. D. Reed	134.0

REPUBLICAN RIVER

Hardy Secs. 6-1-3 W.

10-15	L. C. Crawford	12.0	5-9	C. H. Hardison	525.0
10-23	F. D. Reed	33.6	5-17	C. H. Hays	529.0
11-1	L. C. Crawford	117.0	6-25	F. D. Reed	623.0
11-21	H. H. Odell	253.0	7-5	C. H. Hardison	597.0
12-28	C. H. Hays	209.0	7-20	J. P. Rosebush	2121.0
1-21	do	135.0	7-22	do	745.0
2-24	F. D. Reed	329.0	8-21	C. H. Hardison	190.0
3-21	Crawford-Hardison	521.0	8-24	J. P. Rosebush	319.0
3-25	L. R. Sawyer	670.0	9-24	F. D. Reed	395.0
4-24	do	498.0	9-28	C. H. Hardison	116.0
4-29	do	234.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ROCK CREEK					
Parks Sec. 21-1-39 W.					
12-16	A. E. Johnston	16.0	6-9	K. S. Essex	14.6
2-10	do	15.1	7-10	do	12.6
2-8	do	9.0	8-10	do	12.1
2-26	do	74.0	9-3	do	12.1
5-8	K. S. Essex	11.2			
SAND CREEK					
Sec. 10-15-40 W.					
10-1	A. E. Johnston	4.3	3-6	A. W. Hall	4.2
10-24	do	4.2	3-29	do	3.6
11-5	do	4.1	4-15	do	3.5
11-27	do	4.3	4-27	do	2.4
12-4	do	6.3	5-21	do	1.5
12-19	A. W. Hall	3.9	7-10	do	2.6
1-13	A. E. Johnston	4.8	8-4	do	5.5
2-5	A. W. Hall	6.1			
SAND CREEK					
Below Henday Canal—Sec. 35-32-53 W.					
5-16	K. S. Essex	0.0	6-21	K. S. Essex	0.0
SANTA CREEK					
Beaver City—Sec. 14-1-23 W.					
6-19	C. E. Ham	4.0	6-28	F. D. Reed	10.3
6-6	W. D. Reed	119.0	7-7	H. L. Rosenblatt	29.6
6-7	do	647.0	8-23	do	8.1
6-7	do	358.0	9-13	F. D. Reed	2.2
SARREN SLOTTEN					
Sec. 20-14-35 W.					
10-2	A. E. Johnston	3.7	4-6	A. W. Hall	6.0
10-29	do	3.5	6-26	do	5.3
11-8	do	2.9	7-8	do	2.9
12-3	do	3.1	8-30	do	2.1
2-6	A. W. Hall	1.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
SCHLAGEL CREEK					
Sec. 24-33-28 W.					
1-31	A. E. Johnston	11.4	3-18	A. E. Johnston	9.6
2-28	do	10.5	3-8	K. N. Kueg	9.0
SCOTTSHLUFF DRAIN NO. 1					
Sec. 25-22-55 W.					
10-2	M. C. Boyer	15.4	5-4	H. H. Odell	4.6
10-23	A. E. Johnston	15.3	6-25	do	6.2
11-4	M. C. Boyer	15.6	6-17	do	6.9
12-8	H. H. Odell	7.7	7-1	do	7.8
12-19	do	8.8	7-17	do	4.1
12-28	do	9.3	7-30	do	3.0
1-3	do	8.7	8-10	do	1.6
2-6	do	9.1	3-25	do	4.8
3-4	do	4.9	3-3	do	6.6
3-27	do	4.8	3-15	do	19.3
4-5	do	4.4			
SCOTTSHLUFF DRAIN NO. 2					
Sec. 34-23-54 W.					
10-2	M. C. Boyer	10.7	4-5	H. H. Odell	1.4
10-23	A. E. Johnston	9.2	5-4	do	2.4
11-4	M. C. Boyer	4.7	5-25	do	3.8
12-7	H. H. Odell	7.6	6-17	do	7.0
12-13	do	2.7	7-2	do	7.6
12-23	do	2.6	7-13	do	7.2
1-6	do	1.7	7-5	do	9.0
2-6	do	2.2	8-21	do	14.4
3-3	do	2.0	3-3	do	14.0
3-22	do	2.4	9-15	do	10.6
SCOUT CREEK					
North Platte Sec. 20-14-30 W.					
10-3	A. E. Johnston	0.4	2-28	A. W. Hall	0.5
10-20	do	.6	3-10	do	.1
12-2	do	.1	3-26	do	.3
12-13	A. W. Hall	.4	4-22	do	.1
1-4	do	.0	5-7	do	1.2
2-8	do	.8	5-17	do	1.6
SEARS CREEK					
Valentine Sec. 21-34-26 W.					
1-11	A. E. Johnston	1.8	3-18	A. E. Johnston	1.9
2-18	do	2.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Time	Hydrographer	Discharge Sec. ft.
SHEEP CREEK					
Sec. 16-23-87 W.					
10-1	M. C. Boyer	1.2	4-6	H. H. Cole	48.5
10-14	A. E. Johnston	65.0	4-15	do	65.9
10-21	M. C. Boyer	62.2	4-25	do	7.0
10-29	H. H. Cole	60.1	5-6	do	14
10-31	do	55.2	5-21	do	14
10-20	do	49.0	6-18	do	17
7-9	do	34.4	6-25	do	24
1-23	do	42.9	7-17	do	18
2-5	do	43.9	7-31	do	23
2-15	do	48.3	8-11	do	27
3-5	do	45.0	8-27	do	23
3-15	do	53.2	9-9	do	20
3-23	do	55.0	9-24	do	19

SILVERNAIL DRAIN

Sec. 6-19-49 W.

9-17	A. E. Johnston	6.1	4-7	H. H. Cole	3.9
12-15	H. H. Cole	5.0	4-19	Edw. G. Hill	3.2
12-21	do	5.0	5-7	H. H. Cole	8.0
1-4	A. E. Johnston	5.2	5-24	do	4.6
2-5	H. H. Cole	4.2	6-16	do	4.5
2-16	A. E. Johnston	4.6	6-29	do	4.9
2-22	H. H. Cole	4.2	7-12	A. W. Hall	4.7
2-22	A. E. Johnston	5.2	7-15	do	5.6
2-25	do	4.7	7-31	do	5.5
3-1	H. H. Cole	5.7	8-18	do	15.1
3-23	do	5.8	8-31	do	6.0

SKUNK CREEK

Sec. 3-14-37 W.

10-1	A. E. Johnston	0.6	2-6	A. W. Hall	3.0
10-4	do	8.5	3-9	do	1.2
11-14	do	3.2	4-6	do	1.0
12-3	do	2.0	5-13	do	7
1-28	do	2.0	8-20	do	1.8

SNAKE RIVER

Five Miles Above Falls Sec. 29-31-39 W.

1-9	A. E. Johnston	245.8	3-12	R. S. Evans	221.5
2-19	do	241.0	5-25	do	223.6
3-17	do	226.0	8-15	do	220.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
SOLDIER CREEK					
Below Soldier Creek Canal Sec. 18-21-52 W.					
1-6	A. E. Johnston	1.7	6-21	K. S. Essex	1.2
2-23	do	.8	7-29	do	0
3-19	do	.8	8-20	do	0
5-28	K. S. Essex	0	9-21	do	0
SOW BELLY CREEK					
Sec. 5-32-55 W.					
3-12	A. E. Johnston	3.8	9-14	K. S. Essex	3.1
SOW BELLY CREEK					
Sec. 33-33-55 W.					
5-15	K. S. Essex	.91	7-19	K. S. Essex	0.8
SOW BELLY CREEK					
Sec. 16-33-55 W.					
3-25	K. S. Essex	.61	6-28	K. S. Essex	3.1
SPOTTED TAIL, DRY					
Sec. 25-23-56 W.					
9-14	A. E. Johnston	12.8	5-6	H. H. Good	17.4
10-31	M. C. Boyer	16.7	5-26	do	16.5
12-8	H. H. Good	18.1	6-10	do	25.4
12-19	do	18.5	6-24	do	32.9
12-29	do	17.3	7-17	do	31.5
1-9	do	18.5	7-29	do	31.7
2-6	do	17.2	8-11	do	18.0
3-5	do	13.0	8-25	do	15.5
3-17	do	17.4	9-9	do	26.5
4-5	do	17.8	9-23	do	22.2
SPOTTED TAIL, WEST					
Sec. 6-22-55 W.					
10-14	A. E. Johnston	16.9	5-4	H. H. Good	9.1
11-4	M. C. Boyer	12.6	5-18	do	5.8
12-8	H. H. Good	17.7	6-15	do	17.6
12-19	do	11.3	6-29	do	12.3
12-28	do	11.0	7-17	do	12.1
1-9	do	10.8	7-29	do	17.6
2-6	do	12.4	8-11	do	12.6
3-5	do	17.5	8-25	do	13.6
3-17	do	9.7	9-9	do	12.7
4-5	do	9.8	9-21	do	14.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SPRING CREEK					
Wyoming-Nebraska Line Sec. 4-23-58 W.					
10-29	M. C. Meyer	17.1	5-27	H. H. Odell	9.8
12-10	H. H. Odell	5.3	6-15	do	7.6
12-23	do	9.4	7-1	do	11.2
12-28	do	7.1	7-28	do	11.2
1-15	do	8.5	8-5	do	8.8
2-8	do	9.1	8-28	do	7.1
3-5	do	8.6	9-10	do	8.1
3-23	do	8.2	9-10	do	9.7
4-6	do	8.3	9-25	do	12.8
5-6	do	7.4			

SPRING CREEK

Tributary to Little Cottonwood Creek Sec. 13-32-52 W.

5-16	K. S. Essex	0.2	5-19	K. S. Essex	0.1
7-17	do	6			

SQUAW CREEK

Above Shepherd Canal Sec. 26-34-57 W.

3-12	A. K. Johnston	0.0	6-28	K. S. Essex	0.0
5-15	K. S. Essex	1	7-21	do	0

SQUAW CREEK

Below Shepherd Canal Sec. 26-34-57 W.

6-28	K. S. Essex	0.0	7-19	K. S. Essex	0.0
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SQUAW CREEK

Above McDowell's Reservoir—Sec. 12-31-53 W.

1-5	A. K. Johnston	0.0	6-21	K. S. Essex	0.1
3-11	do	5	7-21	do	.0
5-19	K. S. Essex	1	9-12	do	.0

SQUAW CREEK

Below McDowell's Reservoir—Sec. 1-31-52 W.

1-5	A. K. Johnston	0.2	8-21	K. S. Essex	0.1
2-23	do	.1	7-21	do	.2
3-12	do	.6	9-20	do	.2
5-18	K. S. Essex	.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge
		Sec. 11.	Sec. 11.			

SINKING WATER CREEK
 Palisade Sec. 25-5-34 W.

12-13	A. E. Johnston	41.5	6-6	K. S. Egan	58.0
2-6	do	34.8	7-7	do	19.1
3-4	do	52.1	8-7	do	33.9
3-21	do	63.0	9-1	do	13.5
5-5	K. S. Egan	34.2	9-29	do	59.2

STEEVER CREEK
 South of Oerton—Sec. 1-8-20 W.

10-6	A. E. Johnston	0.0	4-7	A. W. Hall	6.7
10-29	do	5.1	4-21	do	12.7
11-9	do	10.3	5-4	do	21.2
11-26	do	12.2	5-16	do	27.1
12-1	do	4.6	5-12	do	25.5
12-17	A. W. Hall	5.5	6-21	do	13.5
1-3	do	9.4	7-7	do	4.0
2-19	do	.5	8-22	do	.6
3-21	do	2.0	9-3	do	.0
3-12	do	7.9	9-17	do	3.1
3-24	do	11.5			

THIRTY MILE WASTE, 96 WASTEWAY
 Sec. 35-11-25 W.

10-29	A. E. Johnston	1.5	5-6	A. W. Hall	0.2
10-31	do	9.3	5-15	do	.0
4-22	A. W. Hall	.6			

THIRTY MILE WASTE, MIDDLE WASTEWAY
 Sec. 7-10-24 W.

10-29	A. E. Johnston	0.0	5-6	A. W. Hall	3.8
10-31	do	.2	5-15	do	.0
4-22	A. W. Hall	.0			

THIRTY MILE WASTE, HENDERSON WASTEWAY
 Sec. 8-10-24 W.

10-29	A. E. Johnston	0.0	5-6	A. W. Hall	0.1
10-31	do	.0	5-15	do	.0
4-22	A. W. Hall	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

<u>Date</u>	<u>Hydrographer</u>	<u>Discharge</u> <u>Sec. ft.</u>	<u>Date</u>	<u>Hydrographer</u>	<u>Discharge</u> <u>Sec. ft.</u>
TIMBER CREEK					
Belgrade Sec. 26-17-7 W.					
10-15	F. D. Reed	1.0	7-25	L. H. Sawyer	2.4
11-17	H. H. Odell	1.2	8-22	C. H. Flann	4.2
1-12	C. M. Ham	1.1	8-15	F. D. Reed	1.5
2-15	F. D. Reed	2.0	7-11	H. H. Elizabeth	7
3-12	L. H. Sawyer	5.0	8-11	do	1.9
4-8	do	3.5	9-13	F. D. Reed	1.3
TOOHY SPILLWAY					
Sec. 19-23-56 W.					
10-14	A. E. Johnston	2.5	2-22	H. H. Odell	1.9
10-30	M. C. Boyer	2.5	4-5	do	1.1
12-9	H. H. Odell	14.7	5-5	do	23.6
12-21	do	4.1	7-25	do	.0
17-28	do	4.2	8-25	do	2
1-9	do	1.8	9-9	do	.4
2-6	do	11.2	9-23	do	.5
2-5	do	10.5			
TRUNK BUTTE CREEK					
Sec. 25-23-50 W.					
5-28	K. S. Essex	0.6	8-20	K. S. Essex	0.0
6-22	do	1	9-13	do	0
TIN SPRINGS					
Sec. 5-22-55 W.					
10-14	A. E. Johnston	28.8	5-26	H. H. Odell	2.8
11-4	M. C. Boyer	57.6	6-19	do	52.0
12-8	H. H. Odell	30.6	6-24	do	2.5
12-15	do	10.7	7-17	do	14.8
12-26	do	29.3	7-27	do	2.5
1-9	do	28.6	8-20	do	3.6
2-8	do	23.4	8-19	do	7.0
3-4	do	21.7	9-5	do	4.7
1-22	do	72.5	9-9	do	21.7
4-5	do	57.2	9-22	do	20.4
5-4	do	5.1			
TURKEY CREEK					
DeWitt Sec. 23-13-4 E.					
10-21	F. D. Reed	5.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
UNION CREEK					
Sec. 26-23-1 E.					
12-12	C. B. Ham	0.4			
VINING CREEK					
Above A-2579 Sec. 28-2-15 W.					
11-25	A. E. Johnston	0.8			
VINING CREEK					
Below A-2569 Sec. 28-2-15 W.					
11-25	A. E. Johnston	0.3			
VINING CREEK					
Sec. 33-2-15 W.					
11-25	A. E. Johnston	0.1			
WAHOO CREEK					
Ashland Sec. 35-13-9 E.					
10-10	F. D. Reed	14.1	5-14	C. B. Ham	16.7
12-24	H. H. Giddell	15.5	6-12	F. D. Reed	18.8
1-11	C. B. Ham	9.8	7-9	H. P. Kouchak	9.7
2-24	F. D. Reed	18.4	8-12	do	9.1
5-5	L. B. Sawyer	27.5	9-11	F. D. Reed	19.0
4-2	do	27.5			
WARHONNET CREEK					
Below Warhomet Canal Sec. 29-33-56 W.					
3-17	A. E. Johnston	7.8	7-19	K. S. Essex	1.5
5-15	K. S. Essex	5	8-14	do	.3
6-23	do	9			
WHISTLE CREEK					
Mouth Sec. 12-24-54 W.					
5-18	K. S. Essex	0.0	5-21	K. S. Essex	0.1
6-24	do	0	9-15	do	.1
2-17	Extra-Burrowsen	0			
WHITE CLAY CREEK					
Crawford Sec. 7-21-52 W.					
1-5	A. E. Johnston	4.5	6-21	K. S. Essex	0.2
2-23	do	2.5	7-21	do	1.5
3-11	do	2.9	9-13	do	1.0
7-18	K. S. Essex	2.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
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WHITE CLAY CREEK

Above Junction with Lumber Creek—Sec. 15-24-44 W.

1-23	A. E. Johnston	2.4	5-22	K. S. Evers	4.0
2-22	do	2.3	8-15	do	.9
3-15	do	1.5	9-9	do	1.8
8-23	K. S. Evers	12.5			

WHITE HORSE CREEK

Gannett—Sec. 5-13-29 W.

10-5	A. E. Johnston	2.9	3-25	A. W. Hall	25.4
10-22	do	5.1	4-10	do	15.5
11-23	do	6.2	4-21	do	17.4
12-2	do	9.4	5-0	do	19.9
12-17	A. W. Hall	8.8	5-18	do	8.2
1-3	do	8.4	6-7	do	10.3
1-25	A. E. Johnston	7.8	7-8	do	7
2-9	A. W. Hall	9.5	9-12	do	2.6
2-25	do	17.7	9-2	do	9
3-15	do	22.6	9-15	do	2.3

WHITE RIVER

Crawford—Sec. 9-31-52 W.

10-24	M. C. Meyer	26.9	5-18	K. S. Evers	39.1
5-6	A. E. Johnston	23.0	6-21	do	16.0
5-29	do	25.4	7-20	do	21.2
3-13	do	21.7	5-29	do	9.3
5-12	Odell Kullensber	29.2	9-11	do	12.1

WHITE RIVER

Above Whitney Diversion—Sec. 28-32-52 W.

1-6	A. E. Johnston	27.4	6-21	K. S. Evers	15.6
2-23	do	26.1	7-20	do	3.5
3-12	do	25.5	8-20	do	3.7
5-17	K. S. Evers	12.3	9-11	do	15.9

WHITE RIVER

Above Rasher Canal—Sec. 24-32-52 W.

1-6	A. E. Johnston	1.5	3-13	A. E. Johnston	11.6
2-23	do	2.0	5-14	K. S. Evers	1.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
WHITE RIVER					
Sec. 19-32-51 W.					
6-23	K. S. Eaves	0.6	8-23	John J. Rasmussen	0.0
7-20	do	.6	9-10	K. S. Eaves	1.1
8-20	do	.4			
WHITE RIVER					
Sec. 17-32-51 W.					
5-13	K. S. Eaves	1.0			
WHITE RIVER					
Six Miles West of Chadron- Sec. 18-33-49 W.					
10-24	M. C. Boyer	5.6	6-19	K. S. Eaves	15.6
1-7	A. E. Johnston	6.7	7-27	do	9.5
3-20	do	19.3	8-19	do	.9
5-12	Odel F. Landree	7.0	9-10	do	2.2
5-13	K. S. Eaves	6.7			
WHITE RIVER					
Sec. 17-34-49 W.					
5-17	K. S. Eaves	6.6	8-22	K. S. Eaves	14.5
WHITE TAIL CREEK					
Sec. 38-15-38 W.					
10-1	A. E. Johnston	35.0	4-6	A. W. Hall	31.8
11-5	do	28.6	6-8	do	25.0
11-14	do	24.2	8-21	do	19.6
12-3	do	22.0	8-24	do	24.0
1-19	do	42.4	7-20	do	29.5
3-6	A. W. Hall	30.0	8-14	do	27.3
3-9	do	31.9	9-10	do	18.5
WHITEMAN'S FORK					
Champion- Sec. 22-6-39 W.					
12-13	A. E. Johnston	1.0	8-8	K. S. Eaves	1.3
2-5	do	.9	8-27	do	.6
7-6	K. S. Eaves	.7	9-29	do	.9
WILLOW CREEK					
Sarben Sec. 15-14-35 W.					
10-2	A. E. Johnston	1.0	11-30	A. E. Johnston	1.4
12-23	do	1.1	12-9	do	.9
11-8	do	.0	8-9	A. W. Hall	2.0

DISCHARGE MEASUREMENTS OF STREAMS—Concluded

Year Ending September 30, 1937

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
WINTERS CREEK					
Scottsbluff Sec. 10-22-54 W.					
10-1	M. C. Boyer	21.0	4-14	H. H. Odell	40.7
10-12	A. E. Johnston	57.8	4-26	do	39.3
11-4	M. C. Boyer	25.3	5-1	do	39.7
12-7	H. H. Odell	56.0	5-22	do	37.5
12-19	do	51.4	5-25	do	5.2
12-28	do	52.2	6-13	do	28.8
1-3	do	51.9	6-22	do	4.7
1-22	do	45.0	7-9	do	17.0
2-6	do	44.6	7-22	do	25.6
2-26	do	45.1	8-5	do	57.8
3-4	do	43.5	8-19	do	65.4
3-15	do	44.4	9-1	do	63.1
3-22	do	42.7	9-15	do	102.0
4-5	do	66.2	9-29	do	125.0
WINTERS CREEK					
Above Winters Creek Canal—Sec. 15-22-54 W.					
6-1	H. H. Odell	75.7	5-5	H. H. Odell	56.0
6-16	do	75.3	5-19	do	78.7
6-23	do	47.5	6-1	do	104.0
7-9	do	65.7	6-15	do	110.0
7-22	do	71.3			
WINTERS CREEK CANAL WASTE					
To Winters Creek Sec. 10-22-54 W.					
6-23	H. H. Odell	6.9			
WOOD RIVER					
Kearney—Sec. 12-9-16 W.					
10-7	A. E. Johnston	1.7			
WOOD RIVER					
Sec. 6-11-8 W.					
4-8	A. W. Hall	3.4			
WOOD RIVER					
Grand Island Sec. 10-12-7 W.					
4-8	A. W. Hall	5.8			

DISCHARGE MEASUREMENTS OF STREAMS

Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec. II	Date	Hydrographer	Discharge Sec. II
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ALLIANCE CANAL WASTE

To River Sec. 4-20-52 W.

5-27 H. H. Cole

4.6

ARKABEE RIVER

Hugler Sec. 28-1-11 W.

10-2	K. S. Essex	8.2	5-4	L. H. Sawyer	37.9
10-21	C. H. Hays	9.1	5-23	K. S. Essex	44.0
10-24	K. S. Essex	9.9	5-28	C. B. Ham	19.7
11-3	P. D. Reed	21.4	6-21	K. S. Essex	4.2
11-21	do	9.8	6-28	P. D. Reed	21.2
12-17	K. S. Essex	3.5	7-13	C. J. Gobbins	17.8
1-15	do	17.4	7-20	K. S. Essex	62.9
1-22	C. H. Hays	5.3	8-8	C. J. Osborne	2.8
2-25	K. S. Essex	10.7	8-27	K. S. Essex	581.0
3-4	P. D. Reed	6.4	9-7	R. A. Wald	55.5
3-25	K. S. Essex	5.5	9-21	K. S. Essex	7.2
3-29	C. H. Hays	12.7	9-29	R. A. Wald	9.9
4-22	K. S. Essex	16.9			

ASH CREEK

Whitney Sec. 7-32-50 W.

10-9	K. S. Essex	1.7	6-6	K. S. Essex	2.4
12-5	do	.5	8-12	do	.5
2-12	do	2.1			

ASH CREEK EAST

Above Barron Canal Sec. 32-52-50 W.

11-5 K. S. Essex 1.6 6-6 K. S. Essex 1.5

ASH CREEK, EAST

Below Barron Canal Sec. 32-52-50 W.

10-9 K. S. Essex 1.1

BALD DRAIN

Sec. 32-23-56 W.

10-8	H. H. Cole	3.9	5-23	H. H. Cole	14.7
10-28	do	15.0	6-3	do	6.6
11-4	do	4.1	6-16	do	22.0
11-17	do	2.8	7-8	do	17.2
11-28	do	2.1	7-21	do	45.0
1-6	do	3.1	8-4	do	15.3
2-2	do	1.0	8-16	do	3.4
3-2	do	1.3	9-2	do	55.1
4-1	do	1.2	9-15	do	30.6
4-25	do	1.7	9-29	do	3.3
5-5	do	1.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
HAYARD SUGAR FACTORY DRAIN West Line of Sec. 4-20-52 W.					
10-7	H. H. Gabel	51.2	4-13	H. H. Gabel	33.5
10-21	do	43.9	4-28	do	30.1
11-1	do	39.7	5-6	do	29.7
11-22	do	49.4	5-18	do	31.9
12-4	do	37.2	6-1	do	32.9
12-17	do	36.6	6-15	do	20.9
1-7	do	34.7	6-31	do	14.6
1-19	do	32.9	7-13	do	14.5
2-1	do	31.8	7-27	do	22.2
2-16	do	31.4	8-21	do	17.2
2-24	do	31.1	8-28	do	15.2
2-17	do	31.5	9-10	do	52.9
3-4	do	27.1	9-21	do	61.8

HAZEL CREEK
Noblesville—Sec. 21-32-5 W

10-13	C. B. Ham	18.4	5-16	C. B. Ham	38.8
11-13	F. D. Reed	26.0	6-18	F. D. Reed	20.0
1-15	C. B. Ham	21.7	7-9	C. J. Osborne	111.0
2-21	F. D. Reed	27.2	8-11	do	25.0
3-20	C. B. Ham	61.7	8-21	R. A. Wahl	22.6
4-25	L. E. Sawyer	27.5			

BEAR CREEK
Ellettsville—Sec. 25-24-36 W

10-5	K. S. Hesse	0.7	5-1	K. S. Hesse	13.6
12-2	do	1.4	6-3	do	10.7
12-1	do	4.1	7-7	do	3.3
3-9	do	12.5	8-6	do	1.4
4-13	do	35.1	9-4	do	1.7

BEAVER CREEK
Beaver City—Sec. 23-2-23 W.

10-7	C. B. Ham	0.6	5-26	C. B. Ham	13.0
11-5	F. D. Reed	.3	6-26	F. D. Reed	46.5
1-25	C. B. Ham	.4	7-21	C. J. Osborne	11.9
2-2	F. D. Reed	4.9	8-17	do	5.4
3-28	C. B. Ham	4.1	9-22	R. A. Wahl	.4
5-2	L. E. Sawyer	31.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
BEAVER CREEK					
Albion—Sec. 15-20-8 W.					
30-39	C. B. Ham	21.0	5-11	A. W. Hall	97.2
31-32	F. D. Reed	43.1	5-17	C. B. Ham	64.0
1-17	C. B. Ham	51.2	6-16	F. D. Reed	37.0
2-22	F. D. Reed	53.1	7-19	C. J. Osborne	24.6
3-21	C. B. Ham	55.3	8-12	do	25.2
4-25	L. K. Sawyer	50.0	9-12	R. A. Wahl	31.6
HELMONT CANAL WASTE					
Into Pumpkinseed Creek—Sec. 23-19-50 W.					
T. 6	A. W. Hall	20.0			
BIRDWOOD CREEK					
Horshey—Sec. 2-11-33 W.					
11-19	A. W. Hall	150.0	5-3	A. W. Hall	138.0
12-6	do	137.0	5-18	do	209.0
12-1	do	171.0	6-9	do	134.0
12-21	do	193.0	7-13	do	127.0
1-29	do	152.0	8-4	K. S. Koxe	135.0
3-2	do	177.0	8-26	A. W. Hall	142.0
3-28	do	153.0	9-21	do	119.0
4-26	do	166.0			
BLUE CREEK					
Lowell—Sec. 30-16-42 W.					
10-5	A. W. Hall	79.0	5-4	A. W. Hall	79.3
11-2	do	53.2	5-16	do	73.7
12-11	do	111.7	5-25	do	51.1
1-4	do	104.1	6-10	do	57.2
1-24	do	112.0	6-26	do	96.2
2-14	do	103.0	7-14	do	113.8
3-3	do	97.0	8-1	K. F. Koxe	6.9
3-21	do	58.3	8-22	A. W. Hall	97.4
3-31	do	81.2	9-21	do	86.6
4-25	do	72.9			
BLUE RIVER, RIG					
Barnston—Sec. 13-1-7 E.					
10-19	C. B. Ham	205.8	5-23	C. B. Ham	780.0
11-17	F. D. Reed	210.5	6-23	F. D. Reed	2060.0
1-21	C. B. Ham	206.0	7-19	C. J. Osborne	135.0
2-28	F. D. Reed	262.0	8-15	do	1445.0
3-25	C. B. Ham	429.1	9-16	R. A. Wahl	622.0
4-30	L. K. Sawyer	203.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec. 41	Date			Sec. 41
BLUE RIVER, LITTLE					
Deshler Sec. 20-3-4 W.					
10-18	C. B. Ham	65.5	5-21	C. B. Ham	158.5
11-16	F. D. Reed	56.5	8-21	F. D. Reed	122.5
1-21	C. B. Ham	101.2	7-19	C. J. Osborne	75.1
2-24	F. D. Reed	191.0	5-16	do	97.1
3-26	C. B. Ham	41.6	9-17	H. A. Webb	219.2
4-30	L. H. Sawyer	156.5			
BLUE RIVER, LITTLE					
Ephrussi Sec. 5-1-3 E.					
10-18	C. B. Ham	129.3	5-23	C. B. Ham	121.6
11-16	F. D. Reed	111.0	6-22	F. D. Reed	252.0
1-21	C. B. Ham	147.1	7-19	C. J. Osborne	141.0
2-28	F. D. Reed	187.6	8-15	do	230.9
2-25	C. B. Ham	126.2	9-26	H. A. Webb	221.7
4-30	L. H. Sawyer	220.6	9-27	do	267.4
BOGGY CREEK					
Below Wicketsham Diversion Dam Sec. 31-33-34 W.					
7-11	K. S. Essex	0.0	8-26	K. S. Essex	0.1
BORDEAUX CREEK, LITTLE					
Below Hartzell Canal Sec. 14-33-48 W.					
10-9	K. S. Essex	1.7	5-5	K. S. Essex	3.2
11-4	do	1.9	6-5	do	3.5
12-3	do	2.2	7-8	do	4.7
2-28	do	2.1	5-12	do	4.9
3-11	do	3.1	8-9	do	5.8
4-14	do	3.9			
BORDEAUX CREEK, BIG					
Chadron Sec. 14-33-48 W.					
10-9	K. S. Essex	1.9	5-8	K. S. Essex	4.9
11-4	do	1.5	6-5	do	4.7
12-3	do	1.4	7-8	do	7.5
2-18	do	3.1	8-12	do	1.1
3-17	do	3.7	9-9	do	1.9
4-11	do	3.9			
BORDEAUX CREEK, BIG					
Below Thomas Canal Sec. 34-31-48 W.					
10-9	K. S. Essex	2.2	6-5	K. S. Essex	6.5
11-4	do	3.2	7-8	do	9.6
12-3	do	1.6	8-12	do	1.5
3-11	do	6.5	9-9	do	2.9
5-9	do	7.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1928

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
BUFFALO CREEK					
Jenkins' Ranch Sec. 20-1-40 W.					
10-2	K. S. Essex	7.6	3-15	K. S. Essex	5.4
10-28	do	10.5	4-22	do	10.1
11-21	do	6.9	5-27	do	10.3
12-27	do	12.4	6-21	do	5.5
1-15	do	16.4	9-23	do	6.7
2-25	do	9.9			
BUFFALO CREEK					
Hill Creek Sec. 33-9-18 W.					
10-11	A. W. Hall	3.5	4-20	A. W. Hall	31.4
11-21	do	16.8	6-6	do	34.3
12-18	do	3.8	7-13	do	138.6
2-24	do	3.7	7-19	do	47.8
3-25	do	3	8-1	do	163.7
3-16	do	3.5	8-4	do	5.8
4-28	do	11.2	9-17	do	15.1
BULL DRAIN					
Maxwell Sec. 19-13-28 W.					
11-4	A. W. Hall	1.2	5-2	A. W. Hall	1.6
12-18	do	9	6-20	do	1.4
2-24	do	2.6	8-18	do	1.2
4-12	do	3.3			
CALAMUS RIVER					
Harrop Sec. 24-23-18 W.					
10-14	C. B. Ham	181.4	5-25	C. B. Ham	182.7
11-14	F. D. Reed	173.6	6-11	F. D. Reed	191.5
1-14	C. B. Ham	182.0	7-11	C. J. Osborne	179.9
2-20	F. D. Reed	182.1	8-12	do	186.3
3-16	C. B. Ham	202.8	9-15	H. A. Wahl	167.9
4-21	C. B. Sawyer	177.1			
CAMP CLARK SLEEP					
Sec. 9 20-51 W.					
5-6	H. H. Odeh	1.3	5-21	H. H. Odeh	6.8
8-9	K. S. Essex	6.1			
CASTLE ROCK WASTE					
West of McGrew Sec. 34-21-53 W.					
10-9	H. H. Odeh	4.7	7-12	H. H. Odeh	6.9
5-27	do	1.5	7-27	do	32.1
6-6	do	1.3	8-19	do	1
6-18	do	2.5	9-21	do	11.9
6-30	do	6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec.-ft.	Time	Hydrographer	Discharge Sec.-ft.
CASTLE ROCK SEED					
Melbyn—Sec. 20-21-53 W.					
2-2	H. H. Odell	0.7	6-18	H. H. Odell	0.5
3-2	do	1.0	7-2	do	0
4-2	do	5	7-23	do	6
4-27	do	1.1	8-2	do	5
5-6	do	9	8-16	do	8
6-20	do	14	9-8	do	8
6-2	do	.6	9-21	do	5
CEDAR CREEK					
Sec. 11-18-48 W.					
10-8	A. W. Hall	23.2	3-21	A. W. Hall	17.7
11-1	do	15.2	4-18	do	6.4
11-14	do	12.1	5-9	do	25.3
12-17	do	11.7	5-26	do	16.2
1-2	do	15.2	5-26	do	16.0
2-21	do	13.4	7-16	do	14.7
2-14	do	16.6	8-2	K. S. Essex	14.7
3-3	do	14.9	9-21	A. W. Hall	14.0
CEDAR CREEK					
Near Headgate of McNamue Canal—Sec. 4-30-24 W.					
4-8	K. S. Essex	0.4			
CEDAR BRANCH CREEK					
Newins—Sec. 17-14-35 W.					
11-10	A. W. Hall	1.2	5-24	A. W. Hall	2.8
2-18	do	2.6			
CEDAR RIVER					
Fullerton—Sec. 11-16-8 W.					
20-12	C. H. Ham	180.0	5-17	C. H. Ham	297.0
11-12	F. D. Reed	172.0	6-16	F. D. Reed	160.0
1-17	C. E. Hunt	182.0	7-11	C. J. Osborne	177.0
3-22	F. D. Reed	260.0	8-12	do	38.0
3-21	C. H. Ham	220.0	9-22	B. A. Wahl	142.0
4-26	L. B. Sawyer	173.0			
CENTRAL CANAL, WASH					
Sec. 4-21-54 W.					
5-12	H. H. Odell	3.0	7-27	H. H. Odell	6.3
8-27	do	2.6	8-13	do	.2
4-10	do	3.6	8-30	do	.0
7-14	do	10.3	9-2	do	6.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CHADRON CREEK					
One-half Mile above City Reservoir Sec. 19-32-48 W.					
10-7	K. S. Essex	1.5	5-7	K. S. Essex	2.8
11-4	do	2.0	6-4	do	2.7
12-2	do	2.4	7-8	do	2.7
2-27	do	2.1	8-12	do	1.2
3-10	do	3.2	9-9	do	6
4-14	do	2.7			
CHADRON CREEK					
500 Feet below City Reservoir Sec. 18-32-48 W.					
10-7	K. S. Essex	5.5	5-7	K. S. Essex	0.4
11-4	do	.3	6-4	do	.4
12-2	do	1.4	7-8	do	6
2-27	do	.6	8-12	do	1.3
3-10	do	6	9-9	do	.1
4-14	do	.6			
CHADRON CREEK					
Station 36 of Pipe Lane Sec. 12-32-49 W.					
10-7	K. S. Essex	3.6	5-7	K. S. Essex	1.6
11-4	do	.9	6-4	do	.7
12-2	do	.1	7-8	do	.7
2-27	do	1.9	8-12	do	0
3-10	do	1.5	9-9	do	.0
4-14	do	5			
CHIMNEY ROCK CANAL WASTE NO. 1					
Sec. 14-20-52 W.					
6-6	H. H. Ouel	4.7	5-2	K. H. Ouel	1.6
6-18	do	4.6	5-29	do	.0
7-2	do	1.9	5-5	do	3.1
7-23	do	.9	5-21	do	1.1
CHIMNEY ROCK CANAL WASTE NO. 2					
Sec. 19-20-51 W.					
8-28	H. H. Ouel	0.4	5-29	K. H. Ouel	0.5
7-2	do	2.9	9-8	do	2.0
7-23	do	5	9-11	do	.9
3-2	do	3.6			
CLEAR CREEK					
Sec. 32-16-41 W.					
11-16	A. W. Hall	9.1	5-26	A. W. Hall	0.1
1-4	do	8.8	5-19	do	6.7
1-24	do	7.3	6-28	do	0
2-14	do	7.4	6-1	K. S. Essex	.1
3-3	do	5.5	5-27	A. W. Hall	4.4
5-4	do	6.1	9-21	do	7.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 5	Date	Hydrographer	Discharge Sec. 5
CLEAR CREEK, UPPER					
Ashland Sec. 35-13-9 E					
1-19	C. B. Ham	8.5	5-26	C. B. Ham	27.7
11-9	F. D. Reed	3.4	6-29	F. D. Reed	4.3
1-20	C. B. Ham	4.3	7-15	C. J. Osborne	5.4
2-25	F. D. Reed	5.8	8-18	do	2.5
3-23	C. B. Ham	9.9	9-15	R. A. Wald	129.9
4-11	L. R. Sawyer	27.4			
CLEVELAND DRAIN					
Sec. 6-20-52 W					
12-9	H. H. Odell	2.9	5-6	H. H. Odell	0.8
10-21	do	3.1	5-29	do	4.8
11-1	do	1.2	6-6	do	1.7
11-29	do	.7	6-18	do	1.9
12-4	do	1.6	7-2	do	1.0
1-4	do	1.1	7-23	do	3.4
2-1	do	.5	8-2	do	2.9
3-2	do	.9	8-18	do	.6
4-2	do	.7	9-3	do	2.9
4-27	do	1.5	9-22	do	1.7
COLD WATER CREEK					
Sec. 34-18-46 W					
11-2	A. W. Hall	4.3	5-3	A. W. Hall	1.8
12-18	do	.4	5-16	do	.4
12-17	do	2.7	5-16	do	.9
1-24	do	1.1	5-5	K. S. Essex	.8
2-11	do	2.8	9-21	A. W. Hall	5
CULE CREEK					
Onash Sec. 25-45-12 E					
10-9	C. B. Ham	2.0	5-12	C. B. Ham	6.8
11-10	F. D. Reed	1.8	6-20	F. D. Reed	14.4
1-6	C. B. Ham	1.7	7-26	C. J. Osborne	2.3
2-14	F. D. Reed	2.7	8-29	do	2.3
3-14	C. B. Ham	4.3	9-15	R. A. Wald	5.3
4-10	L. R. Sawyer	4.3			
COTTONWOOD CREEK					
Dunlap Sec. 27-28-48 W					
10-7	K. S. Essex	3.9	3-10	K. S. Essex	1.9
11-4	do	.3	4-24	do	1.1
2-17	do	2.1	8-7	do	.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydro-grapher	Dis. Gauge Sec. ft.	Date	Hydro-grapher	Discharge Sec.-ft.
COTTONWOOD CREEK, BIG Sec. 22-33-50 W.					
10-7	K. S. Essex	0.5	5-9	K. S. Essex	0.6
11-5	do.	2	6-6	do.	2
2-15	do.	.7	7-8	do.	4.7
3-11	do.	2.9	8-12	do.	1.2
4-15	do.	471.0	9-10	do.	2
COTTONWOOD CREEK, LITTLE Sec. 8-32-52 W.					
11-8	K. S. Essex	0.0	5-9	K. S. Essex	0.1
12-5	do.	.2	6-6	do.	1.6
12-4	do.	.4	7-9	do.	.1
2-12	do.	.0	8-13	do.	.0
4-5	do.	.1	9-10	do.	.9
COTTONWOOD CREEK, LITTLE South of Whitney Pipe Line Outlet—Sec. 8-32-51 W.					
10-8	K. S. Essex	0.1	4-16	K. S. Essex	11.3
11-5	do.	.1	5-8	do.	2
2-18	do.	.8	6-6	do.	4
3-11	do.	.7	7-8	do.	.1
4-5	do.	.7	8-10	do.	.1
4-23	do.	982.0	9-10	do.	1
COZZA'S CANAL, TAIL WASTE Into Dawson County Canal—Sec. 6-10-22 W.					
6-28	A. W. Hall	4.8	7-13	A. W. Hall	8.3
6-7	do.	5.0			
DAWSON COUNTY DRAIN Date—Sec. 25-10-23 W.					
11-20	A. W. Hall	3.7	5-21	A. W. Hall	1.7
12-18	do.	2.8	6-1	do.	3.5
2-24	do.	2.8	7-12	do.	2.2
3-21	do.	7	8-14	do.	2.0
DAWSON COUNTY WASTE Into Buffalo Creek—Sec. 35-11-22 W.					
6-7	A. W. Hall	1.9			
DAWSON COUNTY WASTE Into French Creek—Sec. 1-10-22 W.					
6-7	A. W. Hall	8.4	7-12	A. W. Hall	2.9
DEAD HORSE CREEK Sec. 32-33-49 W.					
10-9	K. S. Essex	0.2	11-6	K. S. Essex	0.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
INDRAW DRAIN Sec. 24-20-31 W.					
10-7	H. H. Odeh	4.4	5-19	H. H. Odeh	2.6
10-21	do	6.0	6-1	do	2.7
11-1	do	6.0	6-15	do	1.7
11-22	do	3.5	6-30	do	3.7
12-4	do	3.6	7-13	do	1.9
1-7	do	2.8	7-27	do	2.8
2-1	do	2.5	8-5	K. S. Essex	1.5
2-1	do	4.2	8-11	H. H. Odeh	1.7
3-4	do	2.6	8-28	do	.8
4-29	do	4.4	9-14	do	1.1
5-6	do	2.5	9-28	do	7.5

DISMAL RIVER
Dunning, Sec. 4-21-24 W.

10-14	C. B. Ham	314.6	5-15	C. B. Ham	219.8
11-14	F. D. Reed	312.0	6-13	F. D. Reed	300.0
1-11	do	231.4	7-11	C. J. Galtsoff	127.3
4-13	do	317.6	8-14	do	389.0
5-16	C. B. Ham	351.3	9-29	R. A. Wahl	310.8
8-17	L. R. Sawyer	336.8			

DRY CREEK
East Line Sec. 9-26-2 W.

8-24 A. W. Hall

1.7

DRY CREEK
Meridian—Sec. 20-31-37 W.

11-6	K. S. Essex	0.0	5-6	K. S. Essex	4.8
12-1	do	0	6-3	do	12.9
2-28	do	0	7-7	do	0
3-9	do	8.8	8-19	do	0
4-11	do	13.2			

DUGOUT CREEK, UPPER
Sec. 20-20-50 W.

10-7	H. H. Odeh	7.5	5-19	H. H. Odeh	2.1
10-21	do	6.0	6-1	do	1.5
11-1	do	6.0	6-15	do	3.5
11-22	do	4.5	6-30	do	15.5
12-4	do	4.5	7-13	do	5.7
1-7	do	2.4	7-25	do	16.4
2-1	do	1.5	8-5	do	6.0
2-1	do	1.8	8-22	do	9.1
4-4	do	8	9-7	do	12.5
4-28	do	1.2	9-21	do	5.4
5-6	do	7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 34	Date	Hydrographer	Discharge Sec. 34
ELKHORN RIVER					
O'Neil Sec. 31-29-31 W.					
10-12	C. B. Ham	15.4	5-16	C. B. Ham	862.1
11-13	F. D. Reed	20.2	6-14	F. D. Reed	49.1
3-14	C. B. Ham	21.4	7-21	C. J. Osborne	21.4
2-21	F. D. Reed	15.1	8-11	do	15.9
2-18	C. B. Ham	26.8	9-20	R. A. Wahl	20.7
4-24	L. B. Sawyer	25.8			

ELKHORN RIVER					
Nedgh—Sec. 20-23-8 W.					
10-10	C. B. Ham	37.0	5-17	C. B. Ham	425.9
11-12	F. D. Reed	139.4	6-16	F. D. Reed	165.4
2-15	C. B. Ham	177.0	7-22	C. J. Osborne	131.9
2-22	F. D. Reed	117.3	8-11	do	72.7
2-19	C. B. Ham	256.9	9-20	R. A. Wahl	84.4
1-20	L. B. Sawyer	220.0			

ELKHORN RIVER					
Waterloo Sec. 10-13-10 E.					
10-9	C. B. Ham	314.2	6-20	F. D. Reed	579.1
11-11	F. D. Reed	327.7	7-9	C. J. Osborne	624.5
1-7	C. B. Ham	293.4	8-12	do	304.4
2-14	F. D. Reed	414.5	8-20	do	227.2
3-14	C. B. Ham	715.4	9-17	R. A. Wahl	3722.4
4-20	L. B. Sawyer	568.5	9-25	do	2750.6
5-12	C. B. Ham	502.4	9-24	do	332.6

ELKHORN RIVER, NORTH FORK					
East Line Sec. 8-26-2 W.					
8-24	A. W. Hall	7.8			

ELKHORN RIVER, NORTH FORK					
North Line Sec. 15-26-2 W.					
8-21	A. W. Hall	9.3			

ELKHORN RIVER, NORTH FORK					
East of Holar Sec. 23-25-1 W.					
8-24	A. W. Hall	3.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
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ELKHORN RIVER, NORTH FORK
 Norfolk, Sec. 13-24-2 W

8-24	A. W. Hall	8.1			
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ELM CREEK
 Elm Creek, Sec. 33-6-18 W.

8-11	A. W. Hall	7.4	7-16	A. W. Hall	20.8
2-24	do	0	7-18	do	9.7
2-25	do	.0	7-23	do	0
3-15	do	1.8	8-1	do	26.5
4-15	do	6.0	8-4	do	5
5-28	do	34.8	8-14	do	0
6-5	do	2.0	9-27	do	7.8

ENTERPRISE CANAL WASTE
 Into Tub Springs, Sec. 33-23-55 W

8-1	H. H. Cole	54.8	8-1	H. H. Cole	12
5-20	do	51.5	8-13	do	22.5
6-4	do	17	8-19	do	28.5
6-16	do	2.1	9-3	do	128.7
7-5	do	5.0	9-15	do	124.1
7-21	do	73.1	9-29	do	50.4

ENTERPRISE CANAL WASTE
 Into Winters Creek, Sec. 17-22-34 W.

5-18	H. H. Cole	10.6	8-3	H. H. Cole	3.2
6-4	do	12.1	9-1	do	2.1
6-15	do	19.2	9-16	do	16.5
7-5	do	14.5	9-28	do	18.6
9-25	do	21.6			

FAIRFIELD SEEP
 Sec. 15-21-53 W.

6-2	H. H. Cole	1.6	5-15	H. H. Cole	1.7
11-25	do	.2	6-7	do	1.1
11-3	do	"	6-13	do	1.4
12-1	do	0	2-13	do	.2
1-1	do	0	7-25	do	.8
2-2	do	.0	8-11	do	3.5
3-2	do	.5	8-20	do	3.4
4-1	do	.1	9-14	do	2.8
4-25	do	.7	9-20	do	1.5
5-5	do	.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge cfs.	Date	Hydrographer	Discharge cfs.
FANNING CREEK					
One-half Mile North Mitchell Bridge Sec. 28-23-56 W.					
10-14	H. H. O'Leary	11.8	6-1	H. H. O'Leary	2.2
12-3	do	2.8	6-16	do	2.7
1-6	do	3.0	7-8	do	2.4
2-2	do	2.1	7-21	do	2.3
3-2	do	2.8	8-1	do	2.6
4-5	do	2.1	8-18	do	4.0
4-26	do	2.2	9-9	do	21.7
5-5	do	2.1	9-15	do	5.2
5-20	do	6.1	9-29	do	4.7
FRENCHMAN RIVER					
Above Maranville Reservoir Sec. 10-6-41 W.					
10-23	K. S. Essex	3.9	5-20	K. S. Essex	3.5
11-19	do	2.9	6-17	do	14.0
1-11	do	4.2	7-28	do	13.1
2-22	do	4.3	8-23	do	3.4
3-22	do	3.4	9-20	do	3.4
4-19	do	3.9			
FRENCHMAN RIVER					
Below Maranville Reservoir Sec. 11-6-41 W.					
10-23	K. S. Essex	0.1	5-20	K. S. Essex	0.1
11-19	do	5.7	6-17	do	3.6
1-11	do	2.5	7-28	do	.1
2-22	do	8.5	8-23	do	.1
3-22	do	.1	9-20	do	3.6
4-19	do	3.0			
FRENCHMAN RIVER					
Below Inman Canal Sec. 17-6-40 W.					
10-23	K. S. Essex	21.2	4-19	K. S. Essex	3.6
11-19	do	19.0	5-20	do	3.9
1-11	do	17.0	6-23	do	12.6
2-22	do	15.7	9-20	do	16.6
3-22	do	3.4			
FRENCHMAN RIVER					
Above Champton Canal Diversion Dam Sec. 22-6-40 W.					
10-23	K. S. Essex	21.2	4-19	K. S. Essex	11.3
11-19	do	19.1	5-20	do	11.6
12-14	do	20.4	6-17	do	22.3
1-11	do	20.2	7-28	do	14.6
2-22	do	13.5	8-23	do	17.3
3-22	do	8.8	9-20	do	15.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Cfs.	Date	Hydrographer	Discharge Cfs.
FRENCHMAN RIVER					
Below Champion Canal Diversion Dam West Line of Sec. 23-6-10 W.					
10-29	K. S. Essex	5.9	4-19	K. S. Essex	5.4
11-19	do	6.4	5-20	do	3.5
12-14	do	15.4	6-17	do	20.4
1-11	do	9.7	7-26	do	9.3
2-22	do	13.6	9-23	do	15.7
3-27	do	4.4			

FRENCHMAN RIVER					
Above Champion Sec. 19-6-39 W.					
10-23	K. S. Essex	17.4	3-22	K. S. Essex	15.4
11-5	F. D. Reed	25.6	4-19	do	14.6
11-19	K. S. Essex	16.8	5-20	do	14.3
12-14	do	23.3	6-17	do	24.4
1-11	do	21.0	7-26	do	17.9
2-15	A. W. Hall	19.2	8-23	do	16.3
3-27	K. S. Essex	23.0	9-20	do	21.0

FRENCHMAN RIVER					
Below Champion SW 1/4 Sec. 22-6-39 W.					
10-23	K. S. Essex	22.9	3-22	K. S. Essex	21.7
11-5	F. D. Reed	25.0	4-19	do	29.4
11-19	K. S. Essex	24.0	5-20	do	29.8
12-14	do	41.1	6-17	do	47.5
1-11	do	24.3	7-26	do	20.8
2-15	A. W. Hall	30.1	8-23	do	23.3
3-27	K. S. Essex	49.3	9-20	do	52.8

FRENCHMAN RIVER					
Hardy Dam Site Sec. 3-5-39 W.					
11-20	K. S. Essex	61.4	3-22	K. S. Essex	51.8
12-14	do	92.1	4-19	do	53.5
1-11	do	75.4	5-20	do	69.1
3-27	do	61.5	8-23	do	24.7

FRENCHMAN RIVER					
Hamlet—Sec. 19-5-34 W.					
10-25	K. S. Essex	67.4	3-22	K. S. Essex	61.0
11-6	F. D. Reed	26.4	4-20	do	75.3
11-20	K. S. Essex	73.3	5-21	do	92.8
12-15	do	44.6	6-13	do	121.0
1-12	do	92.8	7-27	do	91.7
2-23	do	109.0	8-24	do	62.7
3-27	C. B. Han	80.7	9-21	do	91.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCHMAN RIVER					
Colbertson Sec. 17-2-31 W.					
10-25	C. B. Ham.	43.4	5-3	L. B. Sawyer	141.0
10-26	K. S. Kees	15.4	5-21	K. S. Kees	178.0
11-6	F. D. Reed	51.7	5-26	C. H. Ham	53.8
11-22	Head-Excess	130.0	6-20	K. S. Kees	242.0
12-25	W. S. Ames	121.0	6-21	F. D. Reed	91.4
1-12	do	157.9	7-22	C. J. Osborne	69.5
1-26	C. B. Ham	125.0	7-26	K. S. Kees	40.9
2-23	K. S. Kees	173.3	8-5	C. J. Osborne	27.7
3-2	F. D. Reed	107.9	8-25	K. S. Kees	17.0
3-23	K. S. Kees	141.0	9-3	R. A. Wahl	116.0
3-24	C. B. Ham.	185.0	9-21	K. S. Kees	81.7
4-20	R. S. Kees	193.3	9-28	R. A. Wahl	63.2
GERING DRAIN					
Sec. 6-21-54 W.					
10-14	H. H. Odell	34.6	4-13	H. H. Odell	27.4
10-23	do	19.1	4-27	do	24.7
11-5	do	27.7	5-6	do	24.7
11-22	do	28.1	5-20	do	50.0
12-2	do	27.7	6-4	do	68.7
12-15	do	27.1	6-18	do	27.0
1-6	do	23.6	5-30	do	60.6
1-19	do	22.8	7-14	do	36.8
2-4	do	22.6	7-27	do	42.7
2-14	do	23.5	8-12	do	42.2
3-4	do	23.5	8-25	do	44.0
3-15	do	24.5	9-3	do	77.0
4-2	do	20.6	9-22	do	63.4
GERING WASTE					
Henry Sec. 2-23-58 W.					
5-26	H. H. Odell	276.0	7-22	H. H. Odell	52.6
GERING WASTE					
Methen—Sec. 14-21-54 W.					
5-1	H. H. Odell	29.8	7-9	H. H. Odell	29.3
5-14	do	29.1	9-3	do	37.9
6-13	do	29.6	9-24	do	27.2
6-18	do	4			
GORDON CREEK					
Valentine Sec. 30-33-28 W.					
10-5	K. S. Kees	31.6	6-1	K. S. Kees	14.3
11-2	do	4.9	7-6	do	5.4
4-12	do	6.9	8-7	do	3.9
5-4	do	5.0			

DISCHARGE MEASUREMENTS OF STREAMS Continued
Year Ending September 30, 1938

Date	Gauging Station	Discharge Sec. 51	Time	Hydrographer	Discharge Sec. 51
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GORDON CREEK

Sec. 6-20-33 W.

11-30	K. S. Essex	27			
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GOTHENBURG POWER WASTE

Gothenburg Sec. 9-11-25 W.

11-4	A. W. Hall	107.5	5:21	A. W. Hall	10.5
11-20	do	11.5	3:17	do	145.3
12-23	do	256.2	4:29	do	112.1
1-26	do	477	5:18	do	247.6
			7:5	do	157.4

GOVERNMENT SPRING

Below Ft. Robinson Pumping Plant 4-foot Weir

11-8	K. S. Essex	0.8	2:18	K. S. Essex	0.4
11-5	do	9	5:31	do	7
12-1	do	6	9:13	do	9

GRAVEL CREEK

Sec. 9-14-36 W.

11-19	A. W. Hall	41	5:21	A. W. Hall	2.5
1-21	do	24			

GREENWOOD CREEK

Below Meglenre Canal—Sec. 3-14-50 W.

5-19	K. S. Essex	0.0			
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GREENWOOD CREEK

Mouth—Sec. 26-10-50 W.

8-16	K. S. Essex	1.2	9:10	K. S. Essex	1.5
4-29	do	3	9:37	do	2.5
5-17	do	1.5	9:30	do	0

HAT CREEK

Above Coffee Canal Sec. 35-23-56 W.

10-17	K. S. Essex	1.1	6:5	K. S. Essex	1.6
11-7	do	2.7	2:11	do	1.6
5-15	do	7.3	8:15	do	5

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge	
		Sq. Ft.	Cfs.			Sq. Ft.	Cfs.

HENCKEL CREEK

Sec. 23-25-29 W.

4-12 K. S. Essex

2.1

HORSE CREEK

Lynham Sec. 25-29-38 W.

10-5	H. H. Gable	51.3	4-17	H. H. Gable	23.2
10-22	do	51.2	4-26	do	16.3
11-7	do	42.1	5-4	do	12.4
11-17	do	45.5	5-20	do	21.9
12-3	do	30.1	6-3	do	22.1
12-23	do	25.2	6-17	do	42.2
1-6	do	23.2	7-2	do	102.0
1-25	do	22.7	7-22	do	102.0
2-9	do	15.4	8-4	do	65.0
2-15	do	11.6	8-18	do	67.0
3-3	do	21.0	9-1	do	80.2
3-17	do	21.1	9-12	do	160.0
4-2	do	1.0			

HORSE CREEK

Triangle's Ranch Sec. 23-2-30 W.

10-27	K. S. Essex	1.0	5-21	K. S. Essex	2.1
1-15	do	1.1			

INDIAN CREEK

Northport Wyo. Sec. 19-20-50 W.

10-7	H. H. Gable	9.0	5-25	H. H. Gable	4.0
1-21	do	20.3	6-1	do	2.1
11-1	do	6.8	6-15	do	7.8
11-22	do	6.7	6-20	do	4.2
12-4	do	5.4	7-23	do	4.2
1-7	do	5.4	7-27	do	8.7
2-7	do	5.1	8-31	do	8.8
3-1	do	4.1	8-28	do	10.1
4-4	do	4.2	9-14	do	12.2
4-28	do	5.0	9-25	do	17.1
5-6	do	3.6			

INDIAN CREEK

Sec. 5-32-50 W.

10-9	K. S. Essex	0.3	3-12	K. S. Essex	0.0
11-6	do	0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 46	Date	Hydrographer	Discharge Sec. 46
INDIAN CREEK					
Max. Sec. 23-2-36 W.					
10-1	K. S. Essex	11	7-22	K. S. Essex	11
10-27	do	13	9-22	do	13
6-21	do	17			

JIM CREEK					
Sec. 13-33-57 W.					
10-11	K. S. Essex	0.2	6-8	K. S. Essex	0.1
5-31	Essex-Brazzendale	.3	7-31	do	.3

JIM CREEK					
Passing Caladema Dam Sec. 13-33-57 W.					
10-11	K. S. Essex	0.1			

JIM CREEK					
Below Slattery Canal Sec. 13-33-57 W.					
10-11	K. S. Essex	0.1			

KEARNEY POWER WASTE					
Sec. 12-8-16 W.					
10-13	A. W. Hall	225.0	8-28	A. W. Hall	240.0
10-22	do	260.3	4-10	do	253.0
11-5	do	318.6	4-28	do	338.0
11-21	do	175.3	6-22	do	161.0
11-29	do	37.1	7-21	do	220.0
12-10	do	210.4	7-28	do	170.0
1-7	do	225.0	7-29	do	362.0
1-23	do	215	8-14	do	281.5
2-26	do	263.0	9-16	do	329.0

KEITH-LINCOLN COUNTY DRAIN					
Sarben Sec. 23-14-35 W.					
5-17	A. W. Hall	0.1			

KEITH-LINCOLN COUNTY WASTE					
Sec. 23-14-34 W.					
5-17	A. W. Hall	30.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
LANE DRAIN					
Sec. 30-23-57 W.					
10-9	J. H. Ogden	4.7	5-29	J. H. Ogden	38.4
10-22	do	2.1	6-8	do	1.8
11-8	do	2.7	6-17	do	2.9
11-17	do	3.0	7-9	do	3.3
12-3	do	2.6	7-22	do	3.6
1-6	do	1.7	8-4	do	6.9
2-3	do	2.2	8-28	do	2.0
3-3	do	1.2	9-1	do	7.7
4-2	do	.8	9-15	do	5.4
5-4	do	.9			

LARABEE CREEK

Sec. 6-34-44 W.

10-6	K. S. Egan	1.2	6-3	K. S. Egan	2.7
11-3	do	1.9	7-7	do	1.9
3-10	do	2.2	8-11	do	1.2
5-8	do	3.0	8-8	do	1.5

LAWRENCE FORK

Sec. 30-19-52 W.

2-16	K. S. Egan	1.2	6-13	K. S. Egan	0.7
3-18	do	4.9	8-17	do	2.1
4-28	do	3.0	9-30	do	.7
5-15	do	7.5			

LINCOLN COUNTY DRAIN NO. 1

North Platte—Sec. 20-14-30 W.

11-6	A. W. Hall	51.5	6-9	A. W. Hall	35.1
1-3	do	49.4	6-27	do	53.4
1-25	do	43.2	7-12	do	64.5
3-2	do	43.5	8-5	K. S. Egan	63.9
3-13	do	38.0	8-26	A. W. Hall	71.7
5-8	do	24.0	9-20	do	67.2
5-24	do	28.0			

LINCOLN COUNTY DRAIN NO. 2

Sec. 12-14-33 W.

1-28	A. W. Hall	2.2	6-9	A. W. Hall	3.1
3-18	do	2.6	8-5	K. S. Egan	2.7
5-2	do	1.1	8-26	A. W. Hall	2.1
6-18	do	2.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
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LOGSPOLE CREEK

Wyoming-Nebraska Line Sec. 11-14-09 W.

1-18	K. S. Essex	5.4	5-25	K. S. Essex	1.3
11-15	do	2.2	8-28	Essex-Hanna	5.0
1-18	do	7.0	7-28	do	2.5
2-28	do	5.1	8-28	do	2.2
3-20	do	1.8	9-27	do	6.0
4-26	do	3.2			

LOGSPOLE CREEK

Above Oliver Reservoir Bushnell Sec. 33-15-57 W.

10-18	K. S. Essex	10.4	1-16	K. S. Essex	21.0
11-21	do	1.2	5-25	do	23.6
11-15	do	11.4	6-28	Essex-Hanna	19.0
1-18	do	11.4	7-28	do	8.1
2-28	do	17.1	8-30	do	21.7
3-26	H. E. Bush	11.8	9-27	K. S. Essex	17.0
5-20	K. S. Essex	11.1			

LOGSPOLE CREEK

Below Oliver Reservoir Sec. 31-15-54 W.

10-18	K. S. Essex	1.8	1-16	K. S. Essex	11.7
11-21	do	1.8	5-25	do	2.1
11-15	do	.7	7-28	do	4.1
1-18	do	2.4	8-28	Essex-Hanna	4.4
3-1	do	3.1	8-30	do	8.0
3-20	do	.9	9-27	K. S. Essex	1.5
4-26	do	4.1			

LOGSPOLE CREEK

Kimbrell Sec. 20-15-55 W.

10-18	K. S. Essex	6.7	1-16	K. S. Essex	11.8
11-21	do	5.9	5-25	do	5.1
11-15	do	6.6	8-28	do	11.5
1-18	do	9.4	7-28	do	11.7
3-1	do	9.7	8-27	Essex-Hanna	5.0
3-20	do	9.4			

LOGSPOLE CREEK

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

11-16	K. S. Essex	4.1	4-26	K. S. Essex	2.0
1-18	do	2.8	5-26	do	4.1
3-1	do	7.1			

DISCHARGE MEASUREMENTS OF STREAMS Continued
Year Ending September 30, 1939

Date	Hydrographer	Discharge Sec. 47	Date	Hydrographer	Discharge Sec. 47
LODGEPOLE CREEK					
Below Bennett Reservoir Sec. 22-15-56 W.					
11-16	K. S. Essex	24	6-30	K. S. Essex	5.5
1-19	do	15	5-26	do	5.1
3-1	do	23	6-27	do	11.4
LODGEPOLE CREEK					
Dix Sec. 26-13-54 W.					
11-16	K. S. Essex	0.1	5-26	K. S. Essex	1.1
1-19	do	0	6-25	do	.9
3-1	do	1.6	8-31	do	.9
3-29	do	2.8	9-17	do	.9
4-29	do	.6			
LODGEPOLE CREEK					
Polter Sec. 6-14-52 W.					
11-16	K. S. Essex	0.1	8-31	K. S. Essex	0.1
1-19	do	0	9-27	do	.9
4-26	do	0			
LODGEPOLE CREEK					
Sudney Sec. 31-14-49 W.					
10-29	K. S. Essex	1.1	5-26	K. S. Essex	1.3
11-17	do	1.1	6-29	do	3.5
1-19	do	2.1	9-1	do	3.6
3-1	do	5.5	9-25	do	2.4
3-29	do	2.1			
LODGEPOLE CREEK					
Above Krueger's Pond Sec. 31-14-45 W.					
11-20	K. S. Essex	6.5	5-31	Essex-Hansen	5.5
11-17	do	5.3	6-29	K. S. Essex	12.3
1-19	do	6.1			
LODGEPOLE CREEK					
Below Krueger's Lake Sec. 29-14-45 W.					
10-20	K. S. Essex	6.5	5-26	K. S. Essex	6.6
11-17	do	7	7-24	Essex-Hansen	2.6
1-19	do	5.7	9-1	K. S. Essex	11.0
3-1	do	1	9-25	do	12.4
3-31	Essex-Hansen	1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 46	Date	Hydrographer	Discharge Sec. 47
LODGEPOLE CREEK					
Rock Pile NE Corner of Sec. 33-14-45 W.					
10-20	K. S. Essex	7.4	11-29	K. S. Essex	10.0
11-11	do	1.6	7-20	Essex-Hansen	6.1
1-29	do	7.9	9-1	K. S. Essex	14.1
3-2	do	1.5	9-29	do	12.7
3-31	Essex-Hansen	1.2			
LODGEPOLE CREEK					
Below Entrance Dam—Sec. 27-14-48 W.					
3-31	Essex-Hansen	1.5			
LODGEPOLE CREEK					
South of Sunol—Sec. 36-14-48 W.					
10-20	K. S. Essex	1.7	5-27	K. S. Essex	11.7
11-17	do	1.9	6-23	do	12.3
1-20	do	2.5	7-21	Essex-Hansen	6.1
3-2	do	1.9	9-1	K. S. Essex	14.5
3-31	Essex-Hansen	1.0	9-25	do	13.7
LODGEPOLE CREEK					
Below Blum Dam—Sec. 25-14-49 W.					
2-2	K. S. Essex	1.6	2-21	Essex-Hansen	0.6
LODGEPOLE CREEK					
Over Howland Dam—Sec. 31-14-47 W.					
10-20	K. S. Essex	4.5	1-2	K. S. Essex	5.4
11-17	do	4.1	3-31	Essex-Hansen	5.4
1-20	do	4.7	6-29	K. S. Essex	15.3
LODGEPOLE CREEK					
Passing Booth Dam—Sec. 20-14-47 W.					
10-20	K. S. Essex	6.5	11-17	K. S. Essex	2.4
LODGEPOLE CREEK					
Tobin Dam—Sec. 28-14-47 W.					
10-20	K. S. Essex	1.3			
LODGEPOLE CREEK					
Sec. 35-14-47 W.					
10-20	K. S. Essex	1.1	1-2	K. S. Essex	2.4
11-30	do	2.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec. ft.	Dia.			Sec.-ft.
LODGETOLE CREEK					
Lodgepole Sec. 30-14-46 W					
10-20	K. S. Essex	0.1	5-27	K. S. Essex	32.4
11-18	do	2	6-29	do	19.9
1-25	do	2.8	7-21	do	9.1
3-1	do	4.7	8-1	do	21.5
4-25	Essex-Hansen	26.0	8-23	do	22.0
LODGETOLE CREEK					
Chappell Sec. 21-13-45 W					
10-22	K. S. Essex	0.1	4-24	Essex-Hansen	14.4
11-15	do	2	1-27	K. S. Essex	20.6
1-20	do	4.7	6-29	do	32.7
3-3	do	2.5	7-21	do	25.7
4-1	do	2.4	8-23	do	31.9
LODGETOLE CREEK					
Interstate Station at Ralton Sec. 12-12-45 W.					
10-22	K. S. Essex	2.4	4-24	Essex-Hansen	27.1
11-15	do	7	5-27	K. S. Essex	20.0
1-20	do	4.4	6-29	do	33.3
3-3	do	1.6	7-22	do	22.4
4-1	do	7	8-23	do	31.1
LONERGAN CREEK					
Lemoyne—Sec. 19-15-39 W					
11-18	A. W. Hall	4.4	5-25	A. W. Hall	4.1
1-28	do	8.0	6-25	do	7.3
2-14	do	7.5	1-14	do	6.7
5-4	do	3.2	8-27	do	2.3
5-12	do	7	9-21	do	4.5
LOST CREEK					
Sec. 1 16-44 W.					
11-15	A. W. Hall	0.5	5-14	A. W. Hall	0.0
12-11	do	1.1	5-15	do	7
1-24	do	5	7-7	do	35.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Cfs.	Cfs.		
LOUP RIVER					
Columbus Sec. 29 17-1 E.					
7-6	H. W. Oelrich	11-1.0	7-12	H. W. Oelrich	2000.0
7-14	do	1262.0	7-19	do	2392.0
10-26	do	2220.0	5-26	do	1661.0
10-27	do	1443.0	6-2	do	1675.0
11-2	do	1840.0	6-9	do	1815.0
11-16	do	1551.0	6-16	do	2002.0
11-17	do	1637.0	6-23	do	1962.0
11-21	do	1151.0	6-29	do	1742.0
12-23	do	1028.0	7-7	do	2582.1
1-20	do	1619.1	7-15	do	2290.0
2-2	do	422.0	7-25	do	969.0
2-3	do	950.0	8-1	do	1414.0
2-11	Helmuth-Baum	2568.0	8-4	do	757.0
3-17	H. W. Oelrich	3870.0	8-11	do	431.0
3-24	do	2445.0	8-19	do	790.0
3-31	do	2360.0	8-26	do	1474.0
4-8	do	1937.0	8-32	do	1544.2
4-14	do	1710.0	9-1	do	1423.8
4-21	do	2210.0	9-12	do	1766.0
4-28	do	3547.0	9-12	do	2512.5
5-6	do	3194.0	9-29	do	1161.8

LOUP RIVER, MIDDLE

Sargeant Sec. 10-19-18 W.

10-1	J. V. Huzicka	847.9	5-10	J. S. Peters	667.0
1-8	do	825.4	5-11	do	924.0
10-25	do	805.1	5-21	do	882.8
10-22	do	728.0	5-28	do	770.0
10-29	do	519.8	6-4	do	773.8
11-5	do	596.1	6-13	do	1414.2
11-12	do	859.1	6-20	do	816.4
11-12	do	849.8	6-24	do	817.7
11-24	do	593.0	7-7	do	995.7
12-2	do	674.4	7-11	do	757.0
12-13	do	479.0	7-18	do	775.0
12-23	do	1360.0	7-24	do	728.5
12-27	do	941.6	8-1	do	746.0
1-3	do	864.0	8-7	do	637.0
1-10	Hanz-Buzicka	850.0	8-13	do	654.0
1-18	J. V. Huzicka	981.3	8-20	do	719.2
1-26	do	161.5	8-27	do	776.0
2-19	Reed-Peters	356.9	9-2	do	814.0
3-11	J. S. Peters	936.8	9-9	do	791.0
3-24	do	661.5	9-16	do	874.0
4-9	do	1375.0	9-23	do	726.0
4-23	do	472.4	9-30	do	500.0
5-3	do	1039.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge— Sec. 6.	Date	Hydrographer	Discharge— Sec. 6.
LOUP RIVER MIDDLE					
Aradla Sec. 26-17-16 W.					
10-2	J. V. Ruzicka	513.0	5-4	H. S. Peters	310.0
10-10	do	829.0	5-11	do	196.0
10-15	do	812.0	5-15	do	967.0
10-22	do	812.0	5-22	do	1140.0
10-29	do	755.0	5-29	do	509.0
11-5	do	799.0	6-4	do	569.0
11-12	do	824.0	6-11	do	1201.0
11-26	do	1150.0	6-25	do	199.0
12-3	do	825.0	6-25	do	500.0
12-10	do	137.0	7-6	do	484.0
12-20	do	1150.0	7-19	do	833.0
12-27	do	684.0	7-17	do	691.0
1-8	do	983.0	7-24	do	511.0
1-12	Evanke-Ham	862.0	8-1	do	709.0
1-18	J. V. Ruzicka	1040.0	8-6	do	552.0
1-27	Hauzicka-Peters	156.0	8-14	do	569.0
2-3	H. S. Peters	432.0	8-19	do	725.0
2-10	Reed-Peters	370.0	8-27	do	712.0
3-10	H. S. Peters	959.0	9-2	do	671.0
3-18	C. B. Ham	1110.0	9-9	do	707.0
3-24	H. S. Peters	1050.0	9-17	do	635.0
4-10	do	1250.0	9-23	do	680.0
4-24	do	1120.0	9-30	do	676.0

LOUP RIVER MIDDLE
Loup City—Sec. 14-15-15 W.

10-1	J. V. Ruzicka	792.0	12-21	J. V. Ruzicka	956.0
10-9	do	840.0	12-29	do	1350.0
10-16	do	960.0	1-5	do	747.0
10-23	do	851.0	1-25	do	630.0
10-29	do	860.0	2-5	H. S. Peters	324.0
11-6	do	825.0	2-26	do	1450.0
11-14	do	875.0	3-10	do	1370.0
11-27	do	1140.0	3-24	do	705.0
12-4	do	867.0	4-19	do	1260.0
12-11	do	122.0			

LOUP RIVER, MIDDLE
Rockville—Sec. 6-13-13 W.

1-29	J. V. Ruzicka	1240.0			
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge
		Sec. 6	Sec. 5			
LOUP RIVER, MIDDLE						
Hurdus Sec 29-13-12 W						
10-2	J. V. Butcher	285.0	1-25	J. V. Butcher		328.0
10-9	do	490.0	3-15	W. S. Osterk		652.0
10-16	do	481.0	3-21	do		365.0
10-23	do	255.0	4-13	do		546.0
10-30	do	268.0	5-10	C. B. Ham		344.0
11-6	do	265.0	5-15	do		332.0
11-13	do	319.0	6-8	F. D. Reed		362.0
11-20	do	478.0	6-18	do		447.0
11-27	do	291.0	7-8	C. J. Osborne		373.0
12-4	do	556.0	7-14	do		748.0
12-11	do	100.0	8-21	do		48.0
12-18	do	100.0	8-19	do		119.0
12-25	do	279.0	9-12	R. A. Wolf		347.0
1-2	do	496.0	9-27	do		371.0

LOUP RIVER, MIDDLE						
St Paul Sec 10-14-10 W						
10-8	C. B. Ham	519.0	4-27	L. B. Sawyer		158.0
10-15	do	1569.0	5-9	C. B. Ham		1760.0
11-8	F. D. Reed	360.0	5-19	do		1750.0
11-21	do	370.0	6-9	S. D. Reed		843.0
1-1	C. B. Ham	752.0	6-12	do		1750.0
1-14	do	1490.0	7-2	C. J. Osborne		12400.0
1-1	Reed-Butcher	1280.0	7-15	do		852.0
2-23	F. D. Reed	862.0	8-15	do		458.0
3-10	C. B. Ham	2220.0	8-19	do		9131.0
3-22	do	159.0	8-10	R. A. Wolf		739.0
4-8	L. B. Sawyer	75.0	8-26	do		723.0

LOUP RIVER, NORTH						
Taylor Sec 22-21-18 W.						
3-21	G. H. Allen	533.0	9-1	Goodrich-Kennethson		370.7
3-28	do	442.5	9-17	H. P. Eisenbuth		368.0

LOUP RIVER, NORTH						
Burwell Sec 19-21-16 W						
3-27	Allen Ham	1,600.0	3-29	G. H. Allen		978.7
4-23	G. H. Allen	927.0	8-21	H. P. Eisenbuth		627.0

LOUP RIVER, NORTH						
Ord Sec 28-18-14 W.						
3-26	G. H. Allen	871.5	4-3	G. H. Allen		489.8
4-24	do	647.2	3-21	H. P. Eisenbuth		644.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge cfs.	Time	Hydrographer	Discharge cfs.
LOUP RIVER, NORTH					
South Sec. 8-17-12 W.					
8-29	G. H. Allen	1126.1	3-39	G. H. Allen	960.0
8-24	do	979.5	3-28	H. J. Kesteven	679.6
LOUP RIVER, NORTH					
St. Paul Sec. 22-15-10 W.					
11-8	C. B. Ham	673.0	4-27	L. R. Sawyer	889.0
11-21	do	866.0	5-9	C. B. Ham	1029.0
11-8	F. D. Reed	778.1	5-17	do	1050.0
11-21	do	752.0	6-5	F. D. Reed	712.0
7-19	C. B. Ham	906.0	6-27	do	667.0
1-24	do	829.0	7-8	C. J. Osborne	965.0
2-9	F. D. Reed	1009.0	7-15	do	531.0
2-22	do	827.0	8-9	do	612.0
3-19	C. B. Ham	914.0	8-18	do	139.0
3-21	do	995.1	9-16	R. A. Webb	747.0
4-8	L. R. Sawyer	633.1	9-26	do	629.0
LOUP RIVER, SOUTH					
Culinary Sec. 2-15-23 W.					
1-14	C. B. Ham	572	4-30	A. W. Hill	115.8
11-15	F. D. Reed	78.7	5-15	C. B. Ham	118.2
1-11	C. B. Ham	38.0	8-11	F. D. Reed	53.9
2-16	F. D. Reed	52.8	9-22	C. J. Osborne	47.1
3-14	C. B. Ham	761.0	8-17	do	263.1
6-17	L. R. Sawyer	53.2	9-19	R. A. Webb	91.2
MCGUIRE'S SLOUGH					
Sec. 21-6-40 W.					
1-23	K. S. Essex	2.1	7-20	R. S. Essex	2.0
11-19	do	2.0	7-26	do	1.2
1-11	do	2.4	8-28	do	1.3
2-22	do	2.2			
MEDICINE CREEK					
Churchill, Sec. 18-4-24 W.					
10-28	Man-Keys	15.9	6-26	F. D. Reed	86.7
11-6	F. D. Reed	45.1	7-21	C. J. Osborne	42.8
4-25	C. B. Ham	11.8	8-9	do	35.8
3-2	F. D. Reed	63.0	8-23	do	25.0
3-29	C. B. Ham	25.5	9-8	R. A. Webb	17.2
5-3	L. R. Sawyer	100.1	9-23	do	79.6
5-24	C. B. Ham	44.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	In. Sec. 10	Gate	Hydrographer	Discharge Sec. 10
MELEBETA DRAIN					
One-half Mile West of Melebeta Bridge - Sec. 13-21-54 W.					
10-9	H. H. Colel	5.6	8-20	H. H. Colel	5.9
10-21	do	5.1	6-2	do	2.2
11-3	do	7.5	6-18	do	5.8
11-22	do	2.8	6-30	do	5
12-3	do	2.5	7-12	do	4.0
1-4	do	2.6	7-27	do	1.5
2-7	do	2.6	8-11	do	1.2
3-2	do	3.0	8-30	do	0
4-4	do	3.0	9-14	do	28.1
4-27	do	1.0	9-30	do	5.0
5-6	do	2.9			

MINATARE CANAL WASTE
Near McGrew - Sec. 21-21-53 W.

6-9	H. H. Colel	28.6	8-3	H. H. Colel	8.0
6-15	do	4	8-30	do	7.1
6-30	do	5.1	9-10	do	21.6
7-11	do	7.3	9-22	do	14.1
7-23	do	15.2			

MINNEHADOZA CREEK

Valentine - Sec. 23-34-20 W.

10-6	K. S. Evesa	10.0	5-6	K. S. Evesa	22.1
11-3	do	11.7	6-2	do	27.4
12-1	do	12.4	7-2	do	37.6
2-16	do	22.5	8-17	do	19.5
3-9	do	27.6	9-8	do	19.6
4-13	do	31.5			

MITCHELL FACTORY WASTE

Mitchel - Sec. 28-23-56 W.

10-14	H. H. Colel	12.8	5-20	H. H. Colel	2.3
10-22	do	13.5	6-3	do	0
11-3	do	14.2	6-16	do	6
11-17	do	15.5	7-8	do	2.6
12-9	do	8.2	7-21	do	0
1-6	do	0	8-4	do	0
2-2	do	0	8-15	do	7
2-23	do	0	9-2	do	1.5
4-1	do	0	9-15	do	7
4-26	do	1	9-29	do	2.7
5-5	do	0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Cfs.	Time	Hydrographer	Discharge Cfs.
MITCHELL SULLIVAN					
From Texas State Canal—Sec 35-23-56 W.					
10-8	H. H. Odel	28.4	4-2	H. H. Odel	16.8
10-22	do	27.6	4-20	do	15.2
11-4	do	27.5	5-6	do	15.2
11-17	do	29.1	5-20	do	20.7
12-8	do	29.8	6-4	do	15.2
1-6	do	4.6	6-26	do	15
1-4	do	23.6	7-8	do	19
1-4	do	28.7	9-8	do	19
4-17	do	9.8	9-16	do	20.5
MONROE CREEK					
Above Monroe Canal—Sec 33-33-55 W.					
10-11	N. S. Essex	0.7			
MONROE CREEK					
Below Monroe Canal—Sec. 33-33-56 W.					
11-7	Ernest B. Swenson	1.1	7-11	K. S. Essex	0.5
3-11	do	0	8-15	do	1
6-8	K. S. Essex	1.4			
MUDDY CREEK					
Hazard—Sec 29-13-15 W.					
10-15	C. H. Ham	15.8	3-13	C. H. Ham	78.2
11-25	F. D. Reed	19.1	6-13	F. D. Reed	31.5
1-21	C. H. Ham	24.4	7-22	C. J. Cochrane	47.5
2-17	F. D. Reed	27.8	8-24	do	14.2
3-15	C. H. Ham	23.4	9-19	R. A. Wolf	15.2
4-23	T. R. Sargent	21.1			
NINE MILE DRAIN					
Mistake—Sec 29-21-53 W.					
10-13	H. H. Odel	131.6	4-7	H. H. Odel	73.7
10-25	do	120.0	5-6	do	66.1
11-5	do	179.0	5-16	do	117.6
11-12	do	167.2	5-18	do	112.4
12-8	do	163.0	6-6	do	92.8
12-26	do	162.4	6-15	do	107.8
1-2	do	77.0	6-20	do	120.7
1-19	do	80.2	7-12	do	126.4
2-4	do	26.8	7-27	do	130.7
2-16	do	83.5	8-17	do	138.1
3-4	do	89.7	8-20	do	154.9
3-17	do	86.2	9-19	do	146.0
4-4	do	75.5	9-27	do	147.6
1-18	do	87.2			1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 25	Date	Hydrographer	Discharge Sec. 25
NIORRARA RIVER					
Wyoming State Line Sec. 20-31-54 W.					
10-11	K. S. Essex	3.4	6-8	K. S. Essex	1.9
11-7	do	5.6	7-12	do	4.7
12-5	do	4.6	8-15	do	3.2
2-19	do	3.8	9-12	do	2.5
3-11	do	4.0			

NIORRARA RIVER					
South of Harrison Sec. 9-29-56 W.					
10-11	K. S. Essex	6.7	3-11	K. S. Essex	6.5
11-7	do	9.4	7-12	do	4.1
12-5	do	5.0	8-15	do	4.2
2-19	do	10.3	9-12	do	3.2

NIORRARA RIVER					
Agate Sec. 7-28-55 W.					
10-11	K. S. Essex	12.0	6-7	K. S. Essex	13.0
11-7	do	7.5	7-12	do	1.4
12-5	do	24.7	8-15	do	5.2
2-19	do	14.2	9-12	do	10.1
3-10	do	7.8			

NIORRARA RIVER					
Below Mouth of Whistle Creek Sec. 7-24-53 W.					
10-12	K. S. Essex	5.1	4-7	K. S. Essex	7.5
11-8	do	2.8	8-16	do	3.8
3-10	do	9.0	9-12	do	8.5

NIORRARA RIVER					
East of Marston Sec. 30-20-51 W.					
11-9	K. S. Essex	18.8	5-10	K. S. Essex	19.7
12-6	do	32.6	6-9	do	11.9
2-19	do	25.5	7-13	do	9.7

NIORRARA RIVER					
Dining Sec. 27-29-48 W.					
10-7	K. S. Essex	20.3	5-7	K. S. Essex	26.0
11-4	do	22.2	8-1	do	32.0
12-2	do	19.3	6-4	do	21.2
2-17	do	54.6	7-5	do	4.4
3-10	do	20.3	8-3	do	5.4
4-8	do	53.5	8-17	do	5.0
4-24	do	60.2	9-9	do	71.1

DISCHARGE MEASUREMENTS OF STRAMS—Continued

Year Ending September 30, 1938

Date	By	Observer	Discharge Sec. 11	Date	By	Observer	Discharge Sec. 11
NIODHARA RIVER							
South of Gordon Sec. 15-31-41 W.							
10-6	K. S.	Evans	88.9	5-6	K. S.	Evans	124.9
11-2	do.		100.2	6-2	do.		97.9
12-1	do.		118.9	7-7	do.		95.9
2-18	do.		107.6	8-11	do.		97.2
3-19	do.		121.2	8-5	do.		115.2
4-14	do.		129.8				
NIODHARA RIVER							
Valentine Sec. 28-33-28 W.							
10-5	K. S.	Evans	135.1	3-4	K. S.	Evans	79.6
11-2	do.		158.2	5-2	do.		83.5
11-20	do.		125.5	7-6	do.		100.2
2-15	do.		261.0	8-9	do.		174.1
2-9	do.		274.2	8-7	do.		129.8
4-11	do.		290.8				
NIODHARA RIVER							
Below Dam #1 Valentine Sec. 22-34-27 W.							
7-6	K. S.	Evans	70.9	5-2	K. S.	Evans	172.1
11-1	do.		162.6	6-2	do.		164.8
11-27	do.		151.0	7-6	do.		111.1
2-15	do.		70.9	8-9	do.		162.0
3-9	do.		871.0	9-8	do.		143.1
4-11	do.		880.2				
NIODHARA RIVER							
Spencer Sec. 30-33-11 W.							
10-13	C. B.	Hamm	110.0	7-21	F. D.	Reed	701.0
11-13	F. D.	Reed	1050.0	8-19	C. B.	Hamm	1825.0
NIODHARA RIVER							
Venet Sec. 23-32-6 W.							
4-25	E. B.	Switzer	1300.0	7-23	F. H.	Tennings	788.0
5-16	C. B.	Hamm	1260.0	8-12	C. L.	Osborne	1290.0
5-24	J. W.	Gabel	1640.5	8-24	J. W.	Gabel	594.0
6-15	F. D.	Reed	1480.0	9-11	Warwick L.	13-0	1140.0
7-9	C. L.	Osborne	1472.0	9-21	R. A.	Wahl	1100.0
NORTH PLATTE CANAL WASTE							
North Platte Sec. 29-14-39 W.							
5-15	A. W.	Hall	18.9	7-12	A. W.	Hall	5.0
6-9	do.		31.4	8-26	do.		3.5
8-27	do.		35.1				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge		Hydrographer	Remarks
		Sec. 11	11.6		
NORTH PLATTE CANAL WASTE					
To Scout Creek Sec. 24-14-31 W.					
5-9	A. W. Hall	0.0	7.32	A. W. Hall	11.7
5-18	do	3.1	8.28	do	5
6-9	do	8.3	9.20	do	5.1
6-27	Co		17.7		
NORTH PLATTE CANAL WASTE					
Cook Wasteway—Sec. 26-14-31 W.					
5-26	A. W. Hall	19.0	6-9	A. W. Hall	42.5
5-24	do	1.0	6-17	do	31.9
OAK CREEK					
Lincoln Sec. 16-11-6 E.					
10-19	C. B. Ham	4.2	5-21	C. B. Ham	271.6
11-20	F. D. Ford	1.3	6-20	F. D. Ford	5.9
1-20	C. B. Ham	2.2	7-18	C. F. Osborne	1.3
5-28	F. D. Ford	3.3	8-13	do	1.7
2-24	C. B. Ham	11.0	9-16	H. A. Webb	5.1
4-22	L. W. Sawyer	19.3			
OTTER CREEK					
Lemoyne Sec. 5-13-40 W.					
11-15	A. W. Hall	25.8	5-17	A. W. Hall	10.6
1-4	do	32.9	5-25	do	17.1
1-21	do	19.7	6-13	do	19.6
2-11	do	26.3	7-11	do	12.4
3-3	do	21.6	7-8	K. S. Evers	12.9
3-18	do	27.3	8-27	A. W. Hall	21.5
5-4	do	24.1	8-21	do	20.7
PAWNEE CREEK					
Sec. 1-12-27 W.					
11-1	A. W. Hall	1.7	5-2	A. W. Hall	6.2
11-20	do	1.5	6-21	do	6.3
12-18	do	6.8	7-19	do	2.0
3-17	do	1.8	8-18	do	1.1
PEPPER CREEK					
Dunlap-Cleburn Highway Sec. 27-30-48 W.					
10-7	K. S. Evers	0.0	3-13	K. S. Evers	0.5
11-1	do	1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge		Description	Discharge
		Cfs.	Cfs.		
PUM CREEK					
Upper Bridge Sec. 10-10-49 W.					
11-1	A. W. Hall	2.9	5.9	A. W. Hall	2.0
12-15	do	2.9	5.16	do	1.5
1-4	do	2.3	7.6	do	1.9
3-21	do	2.0	7.16	do	2
7-17	do	2.6	8.27	do	2.3
9-4	do	1.7			
PUMPKINSEED CREEK					
Gering-Kimball Highway Sec. 4-19-55 W.					
10-15	K. S. Essex	1.1	3.17	K. S. Essex	6.8
11-12	do	1.1	6.35	do	3.4
PUMPKINSEED CREEK					
Above Heard Canal Sec. 14-10-54 W.					
10-15	K. S. Essex	1.1	3.17	K. S. Essex	2.0
11-12	do	1.2			
PUMPKINSEED CREEK					
Below Minter Dam Sec. 21-10-54 W.					
10-15	K. S. Essex	1.1	3.17	K. S. Essex	4.2
11-12	do	2.7	6.12	do	2.7
PUMPKINSEED CREEK					
Below Sears Pump—Sec. 25-19-53 W.					
10-15	K. S. Essex	4.1	6.15	K. S. Essex	10.8
11-12	do	4.4			
PUMPKINSEED CREEK					
Above Mutual Canal Sec. 32-19-52 W.					
10-14	K. S. Essex	1.1	3.17	K. S. Essex	6.7
11-12	do	4.4			
PUMPKINSEED CREEK					
Below Mutual Canal—Sec. 27-19-52 W.					
3-17	K. S. Essex	1.7	8.1	K. S. Essex	2.6
5-18	do	1.6	9.23	do	6.6
6-13	do	12.2			
PUMPKINSEED CREEK					
North of Redington Sec. 24-19-52 W.					
11-12	K. S. Essex	3.4	6.15	K. S. Essex	16.6
3-26	do	4.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year ending September 30, 1938

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Cfs.	Date		
PUMPKINSEED CREEK					
Below Round House Rock Canal Sec. 27-19-54 W.					
10-14	K. S. Essex	2.6	3-19	K. S. Essex	19.0
11-12	do.	5.9	6-15	do.	18.9
11-27	do.	12.4			
PUMPKINSEED CREEK					
Below Capt. Hutton Rock Canal Sec. 30-19-50 W.					
10-14	K. S. Essex	0.0	5-17	K. S. Essex	0.2
11-11	do.	1.1	6-14	do.	2
11-27	do.	0	8-19	do.	1
PUMPKINSEED CREEK					
Five Miles South of Bridgeport Sec. 28-19-50 W.					
10-14	K. S. Essex	3.2	5-17	K. S. Essex	4.9
11-11	do.	3.7	6-15	do.	5.5
11-27	do.	3.2	9-17	do.	20.5
12-22	do.	13.7	9-20	do.	21.2
PUMPKINSEED CREEK					
Below Last Church Canal Sec. 27-19-50 W.					
10-14	K. S. Essex	2.5	7-15	K. S. Essex	1.8
PUMPKINSEED CREEK					
Below Merrett-Arthur Canal—Sec. 29-19-50 W.					
10-11	K. S. Essex	9.9	3-16	K. S. Essex	32.3
11-11	do.	10.6	5-17	do.	17.6
12-22	do.	15.3	6-13	do.	23.7
PUMPKINSEED CREEK					
Mouth Sec. 12-19-50 W.					
10-1	A. W. Hall	74.0	1-29	K. S. Essex	40.3
10-14	K. S. Essex	21.5	5-9	A. W. Hall	27.7
11-1	A. W. Hall	23.4	8-27	K. S. Essex	15.9
11-11	K. S. Essex	31.7	5-17	Essex-Hall	310.0
11-27	do.	23.3	6-15	K. S. Essex	41.7
12-22	do.	35.1	6-23	do.	35.5
1-9	A. W. Hall	12.7	7-6	A. W. Hall	14.5
2-11	do.	35.7	7-23	K. S. Essex	23.1
3-4	do.	10.6	8-1	do.	1.8
3-16	K. S. Essex	32.4	8-23	do.	6.5
3-21	A. W. Hall	19.5	9-17	do.	18.9
4-29	do.	15.0	9-20	do.	36.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
RED WILLOW CREEK					
Below Wild Horse Drain Sec. 7-20-51 W.					
10-7	H. H. Odell	54.8	6-28	H. H. Odell	12.1
10-21	do	94.3	5-6	do	20.1
11-1	do	78.7	5-18	do	207.0
11-22	do	77.3	5-33	do	122.0
12-4	do	75.4	6-1	do	62.3
12-16	do	72.9	6-25	do	41.7
1-7	do	65.0	6-20	do	61.2
1-19	do	64.7	7-11	do	16.4
2-1	do	69.7	7-22	do	69.5
2-16	do	61.3	8-15	do	31.3
3-5	do	62.5	8-25	do	37.6
3-11	do	56.9	9-10	do	132.0
4-4	do	51.8	9-21	do	248.0
4-13	do	57.9			

RED WILLOW CREEK
Red Willow Sec. 17-3-28 W.

12-26	K. S. Essex	18.5	8-21	K. S. Essex	39.2
12-16	do	16.9	8-21	do	23.2
8-24	do	37.9	8-25	do	6.6

REPUBLICAN RIVER
Colorado-Nebraska Line Sec. 10-1-42 W.

10-2	K. S. Essex	24.6	1-22	K. S. Essex	79.4
10-24	C. B. Ham	31.0	5-4	C. B. Ham	15.4
10-26	K. S. Essex	39.1	5-23	K. S. Essex	45.5
11-1	F. D. Reed	33.0	5-28	C. B. Ham	22.7
11-23	K. S. Essex	51.8	6-22	K. S. Essex	1.7
12-17	K. S. Essex	66.5	6-28	F. D. Reed	12.0
1-25	do	41.5	7-22	C. B. Ham	24.9
1-27	C. B. Ham	10.5	7-29	K. S. Essex	34.0
2-23	K. S. Essex	39.7	8-8	C. B. Ham	5.4
3-1	F. D. Reed	61.8	8-17	K. S. Essex	43.7
3-23	K. S. Essex	54.4	9-23	do	29.1
3-29	C. B. Ham	63.4	9-29	R. A. Wahl	29.0

REPUBLICAN RIVER, NORTH FORK
Benkelman Sec. 19-1-37 W.

10-1	K. S. Essex	37.6	1-21	K. S. Essex	82.6
10-27	do	63.1	5-23	do	161.4
11-23	do	140.6	6-21	do	16.8
1-14	do	87.4	7-28	do	78.2
2-24	do	146.8	8-23	do	54.4
3-22	do	93.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge		Hydrographer	Discharge Sec. 9
		Sec. 11	Sec. 10		
REPUBLICAN RIVER, SOUTH FORK					
Banklawn Sec. 21-27 W.					
10-1	K. S. Essex	14	1-6	L. B. Sawyer	2.9
10-8	C. B. Ham	18	1-21	K. S. Essex	18.8
10-25	do	30.2	5-3	L. B. Sawyer	58.7
10-27	K. S. Essex	50.4	5-28	K. S. Essex	166.0
11-5	F. D. Reed	28.5	5-17	C. B. Ham	62.7
11-28	do	15.2	6-27	K. S. Essex	46.3
12-17	K. S. Essex	80.5	6-25	F. D. Reed	21.7
1-14	do	48.6	7-22	C. J. Osborne	81.7
1-27	C. B. Ham	6.1	7-29	K. S. Essex	23.4
2-8	F. D. Reed	24.0	8-8	C. F. Doherty	0
2-24	K. S. Essex	57.5	8-24	K. S. Essex	35.1
3-3	F. D. Reed	43.8	9-1	Greenbath-Palander	262.5
3-7	C. B. Ham	49.1	9-7	H. A. Wahl	234.0
3-15	K. S. Essex	36.6	9-24	K. S. Essex	28.8
3-29	C. B. Ham	40.5	9-29	H. A. Wahl	24.8

REPUBLICAN RIVER

Max. Sec. 32-36 W.

10-1	K. S. Essex	25.6	5-1	L. B. Sawyer	154.0
10-25	C. B. Ham	106.0	5-23	K. S. Essex	474.6
10-27	K. S. Essex	91.4	5-27	C. B. Ham	173.0
11-5	F. D. Reed	85.9	6-20	K. S. Essex	167.0
12-26	K. S. Essex	130.0	6-27	F. D. Reed	155.0
1-14	do	154.0	7-22	C. J. Osborne	240.0
1-26	C. B. Ham	39.4	7-29	K. S. Essex	162.0
2-24	K. S. Essex	213.0	8-8	C. J. Osborne	9.3
3-7	F. D. Reed	166.0	8-26	K. S. Essex	391.0
3-14	C. B. Ham	132.0	9-7	H. A. Wahl	265.0
3-21	K. S. Essex	145.0	9-22	K. S. Essex	61.1
3-28	C. B. Ham	153.0	9-29	H. A. Wahl	57.8
4-21	K. S. Essex	151.0			

REPUBLICAN RIVER

Culbertson Secs. 17 and 20-31 W.

10-25	C. B. Ham	51.0	5-22	K. S. Essex	1739.0
10-28	K. S. Essex	104.0	5-28	C. B. Ham	245.0
11-6	F. D. Reed	74.7	6-10	K. S. Essex	212.0
11-22	K. S. Essex	55.0	6-27	F. D. Reed	123.0
12-15	do	25.6	7-22	C. J. Osborne	297.0
1-12	do	171.0	7-25	K. S. Essex	443.0
1-25	C. B. Ham	17.4	7-28	do	1430.0
2-21	K. S. Essex	420.0	8-4	C. J. Osborne	7.0
3-7	F. D. Reed	158.7	8-25	K. S. Essex	12.3
3-21	K. S. Essex	246.0	9-5	Greenbath-Palander	674.0
3-28	C. B. Ham	217.0	9-8	H. A. Wahl	323.0
4-21	K. S. Essex	267.0	9-21	K. S. Essex	8.1
7-5	L. B. Sawyer	186.0	9-28	H. A. Wahl	6.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1930

Date	Hydrographer	Discharge Sec. 11	Date	Hydrographer	Discharge Sec. 11
REPUBLICAN RIVER					
McCook Sec. 32-3-29 W.					
10-25	K. S. Egan	135.3	5-22	K. S. Egan	1128.7
11-22	do	171.1	5-15	do	675.7
12-18	do	179.0	1-29	do	619.4
1-13	do	411.4	4-25	do	2.0
3-24	do	206.6	9-22	do	192.7
4-21	do	312.9			

REPUBLICAN RIVER
Bloomington Sec. 8-1-15 W.

10-15	C. H. Ham	36.9	5-2	L. B. Sawyer	522.0
11-7	F. D. Reed	182.9	5-25	C. B. Ham	579.5
11-22	do	72.6	6-25	F. D. Reed	621.4
12-22	Reed-Egan	81.7	7-20	C. J. Osborne	943.7
1-23	C. H. Ham	474.4	8-28	do	116.7
3-1	F. D. Reed	269.6	9-5	Eisenhuth-Foltansee	1743.9
3-26	C. B. Ham	412.3	9-19	B. A. Wahl	355.5

REPUBLICAN RIVER
Hardy Sec. 6-1-3 W.

10-16	C. B. Ham	220.0	5-11	C. H. Hardison	361.0
10-24	C. H. Hardison	275.0	5-25	C. B. Ham	2970.0
11-17	F. D. Reed	150.0	5-25	F. D. Reed	1670.0
1-22	C. B. Ham	625.9	7-20	C. J. Osborne	2020.0
3-1	F. D. Reed	1020.0	8-16	do	351.9
3-26	C. B. Ham	446.0	9-6	Eisenhuth-Foltansee	2119.0
4-17	C. H. Hardison	150.0	9-17	B. A. Wahl	499.0
5-2	L. B. Sawyer	1200.0			

ROCK CREEK
Daleys Sec. 21-1-39 W.

10-1	K. S. Egan	14.0	4-27	K. S. Egan	11.2
10-26	do	14.6	5-23	do	17.5
11-23	do	15.3	6-21	do	14.9
12-17	do	17.7	7-20	do	11.2
1-7	do	19.5	8-26	do	21.0
2-25	do	17.3	9-28	do	14.1
3-25	do	11.1			

SAND CREEK
Below Bendix Canal Sec. 25-33-33 W.

5-9	K. S. Egan	0.5
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1928

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec. 10	Date			Sec. 10
SAND CREEK					
Sec. 10 10-40 W.					
10-1	A. W. Hall	3.2	6-28	A. W. Hall	1.1
1-28	do.	1.2	7-14	do.	1
7-1	do.	1.9	8-22	do.	9
8-25	do.	7	8-21	do.	7
SARPA CREEK					
Heaver City Sec. 14-1-23 W.					
1-7	C. B. Ham	1.3	5-26	C. B. Ham	32.1
11-8	F. D. Reed	.1	6-25	F. D. Reed	46.7
1-22	C. B. Ham	1.5	7-21	C. B. Ham	14.5
8-2	F. D. Reed	17.0	8-17	do.	5
8-28	C. B. Ham	1.8	8-28	J. A. Wain	0
8-7	L. R. Sawyer	21.2			
SARBEN SLOUGH					
Sec. 20-14-35 W.					
10-8	A. W. Hall	1.7	5-2	A. W. Hall	1.8
11-19	do.	1.3	5-17	do.	1.5
12-21	do.	1.7	6-11	do.	2.5
1-7	do.	2.0	7-13	do.	1.2
2-18	do.	2.4	8-4	R. S. Evers	1.0
SCOTTSBUFF DRAIN NO. 1					
Sec. 23-22-55 W.					
10-7	H. H. Odell	10.0	5-6	H. H. Odell	4.5
10-21	do.	13.1	5-19	do.	8.9
11-4	do.	10.0	6-4	do.	16.4
11-22	do.	9.5	6-15	do.	7.1
12-1	do.	9.6	7-8	do.	11.5
1-7	do.	9.3	7-21	do.	12.1
2-4	do.	7.0	8-7	do.	14.9
3-4	do.	6.8	8-16	do.	8.2
4-2	do.	8.5	9-3	do.	13.6
4-27	do.	5.0	9-22	do.	14.5
SCOTTSBUFF DRAIN NO. 2					
Sec. 34-22-54 W.					
10-7	H. H. Odell	9.2	5-15	H. H. Odell	5.4
10-21	do.	6.5	6-2	do.	8.1
11-5	do.	5.8	6-15	Odell-Evers	8.1
11-22	do.	9.9	7-5	H. H. Odell	5.1
12-9	do.	4.2	7-21	do.	7.7
1-7	do.	2.6	8-9	do.	7.0
2-4	do.	2.7	8-16	do.	8.0
3-4	do.	3.3	9-1	do.	9.7
4-2	do.	2.0	9-16	do.	9.3
4-27	do.	5.8	9-28	do.	7.9
5-4	do.	4.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Sec. No.	Date	Hydrographer	Discharge Sec. 5
SCOTTSELIFF FACTORY WASTE					
Winger's Cr.-R. Sec. 19-22-54 W.					
10-9	H. H. Cole	41	9-28	H. H. Cole	11.9
SCOUT CREEK					
North Platte Sec. 20-14-30 W.					
1-25	A. W. Hall	44	9-28	A. W. Hall	7
3-2	do	7	8-5	K. S. Kears	4
SHEEP CREEK					
Sec. 16-23-57 W.					
10-8	H. H. Cole	54.4	4-12	H. H. Cole	37.6
10-27	do	80.4	4-26	do	39.3
11-1	do	39.2	5-4	do	34.4
12-17	do	65.5	5-20	do	66.3
12-23	do	72.7	6-27	do	5.4
12-25	do	29.7	6-10	do	2.4
1-6	do	57.7	6-24	do	62.3
1-18	do	66.9	7-9	do	2.9
2-4	do	60.5	7-22	do	75.9
2-15	do	38.9	8-4	do	1.7
3-2	do	67.7	8-18	do	1.7
4-16	do	63.5	9-7	do	27.3
4-2	do	36.7	9-18	do	4.5
SILVERHILL DRAIN					
Sec. 6-19-49 W.					
10-11	A. W. Hall	13	5-9	A. W. Hall	1.9
11-2	do	7.5	5-26	do	5.4
12-16	do	6.7	7-6	do	23.6
1-4	do	6.0	7-16	do	4.4
1-21	do	7.3	8-1	K. S. Kears	4.9
2-11	do	5.9	8-27	A. W. Hall	11.1
3-4	do	6.3	9-22	do	7.7
SKUNK CREEK					
Sec. 1-14-37 W.					
12-19	A. W. Hall	0.9	1-18	A. W. Hall	1.6
1-24	do	1.0	5-24	do	1.2
SNAKE CREEK					
Five Miles above Falls Sec. 29-31-20 W.					
10-5	K. S. Kears	240.5	1-4	K. S. Kears	245.8
11-1	do	230.2	2-10	do	228.9
11-29	do	231.4	5-7	do	248.4
4-12	do	242.5			

DISCHARGE MEASUREMENTS OF STREAMS--Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. ft.	Date	Hydrographer	Discharge Sec. ft.
SOLDIER CREEK					
Below Soldier Creek Canal- Sec. 18-31-52 W.					
11-5	K. S. Essex	0.0	4-5	K. S. Essex	0.0
11-8	do.	.5	5-9	do.	.5
12-4	do.	1	8-13	do.	.5
2-18	do.	1.4	7-13	do.	.0
SOW BELLY CREEK					
Sec. 5-32-56 W.					
10-11	K. S. Essex	0.2	6-5	K. S. Essex	1.4
11-7	Essex-Barneswell	1.3	7-17	do.	2.7
5-21	do.	.1	5-15	do.	1
SOW BELLY CREEK					
Sec. 10-33-56 W.					
6-5	K. S. Essex	0.5			
SPOTTED TAIL DRY					
Sec. 28-23-56 W.					
1-5	H. H. Child	26.7	5-20	H. H. Child	29.7
1-27	do.	26.7	6-3	do.	26.1
11-4	do.	28.7	6-16	do.	31.7
11-17	do.	27.5	7-8	do.	31.1
12-3	do.	22.8	7-29	do.	37.2
3-6	do.	21.5	8-4	do.	41.0
7-4	do.	11.3	8-18	do.	40.1
3-4	do.	20.3	9-1	do.	36.1
1-2	do.	19.8	9-16	do.	34.5
4-26	do.	15.0	9-29	do.	35.8
5-4	do.	21.7			
SPOTTED TAIL WET					
Sec. 6-22-56 W.					
11-8	H. H. Child	17.4	2-29	H. H. Child	18.1
1-22	do.	15.4	3-4	do.	17.6
12-4	do.	20.4	6-16	do.	17.9
11-17	do.	17.2	7-8	do.	14.5
12-3	do.	20.0	7-21	do.	14.2
1-6	do.	12.7	8-4	do.	10.5
7-4	do.	12.5	8-18	do.	15.0
3-4	do.	20.0	9-3	do.	22.1
4-2	do.	12.7	9-16	do.	12.8
1-26	do.	20.1	9-29	do.	16.8
5-6	do.	13.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Discharge Cfs.	Date	Hydrographer	Discharge Cfs.
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SPRING CREEK

Wyoming-Nebraska Lane Sec. 4-23-56 W.

10-8	JL. H. Gault	12.8	5-20	JL. H. Gault	10.3
10-22	do	8.6	6-3	do	12.8
11-8	do	8.3	6-17	do	9.1
11-16	do	10.8	7-9	do	10.4
12-2	do	8.8	7-22	do	10.8
1-6	do	5.2	8-5	do	8.0
2-4	do	10.6	8-17	JL. W. Highty	9.6
3-2	do	10.2	9-7	JL. H. Gault	12.8
4-1	do	9.0	9-16	do	12.4
5-5	do	16.4			

SPRING CREEK

Tributary to Little Cottonwood Creek Sec. 13-32-52 W.

10-8	K. S. Essex	0.2	8-13	K. S. Essex	0.5
11-5	do	1.0	9-10	do	.1
5-6	do	.2			

SQUAW CREEK

Below Shepherd Canal—Sec. 36-34-57 W.

1-11	K. S. Essex	0.0			
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SQUAW CREEK

Above McDowell's Reservoir Sec. 12-31-52 W.

10-8	K. S. Essex	0.0	6-6	K. S. Essex	0.1
11-6	do	0	8-13	do	.0
5-12	do	.1			

SQUAW CREEK

Below McDowell's Reservoir Sec. 1-31-52 W.

10-9	K. S. Essex	0.1	6-6	K. S. Essex	0.1
11-6	do	.1	8-13	do	.1
5-12	do	.1			

STINKING WATER CREEK

Palisade Sec. 25-5-34 W.

10-25	K. S. Essex	27.1	4-7	K. S. Essex	43.4
11-29	do	27.7	5-21	do	38.1
12-15	do	21.4	6-28	do	33.8
1-12	do	25.5	7-27	do	19.0
2-23	do	36.8	8-24	do	15.4
5-21	do	36.8	9-21	do	26.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Cfs.	Date	Hydrographer	Discharge Cfs.
STREVER CREEK					
South of Overton Sec. 18-20 W.					
10-11	A. W. Hall	2.1	7-6	A. W. Hall	21.0
1-26	do	2.5	7-18	do	11.2
2-25	do	8.1	7-29	do	2.9
3-16	do	6.5	8-4	do	1.1
4-15	do	10.9	8-18	do	16.5
4-25	do	21.5			
THIRTY MILE WASTE, 96 WASTEWAY					
Sec. 35 11-25 W.					
4-29	A. W. Hall	5.1	6-21	A. W. Hall	7.7
5-19	do	1.8	7-9	do	6.2
5-28	do	4.5	9-22	do	2.1
6-5	do	7.6			
THIRTY MILE WASTE, MIDDLE WASTEWAY					
Sec. 7-10-24 W.					
1-29	A. W. Hall	0.8	6-24	A. W. Hall	12.0
5-29	do	7.7	7-9	do	25.2
5-28	do	18.6	9-15	do	8.8
6-5	do	8.1			
THIRTY MILE WASTE, HENDERSON WASTEWAY					
Sec. 8-10-24 W.					
4-29	A. W. Hall	26.9	7-15	A. W. Hall	9.1
7-9	do	17.1			
THIRTY MILE WASTE, DAER WASTEWAY					
Sec. 8-9-22 W.					
8-7	A. W. Hall	19.8	6-21	A. W. Hall	18.6
TIMBER CREEK					
Delgrade Sec. 25-17-7 W.					
1-17	C. B. Hart	1.0	8-17	C. B. Hart	22.8
11-12	F. D. Reed	7.8	6-26	F. D. Reed	3.0
1-17	F. B. Ham	2.4	7-11	C. J. Osborne	1.9
7-27	F. D. Reed	2.6	8-12	do	6
3-21	C. B. Hart	5.4	9-22	R. A. Wash.	1.0
4-26	L. D. Sawyer	3.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Section	Date	Hydrographer	Discharge Sec. 20
TOOHEY SPILLWAY					
Sec. 19-23-56 W.					
10-8	H. H. Gidd	16.9	5-26	H. H. Gidd	11.7
10-22	do	25.4	6-3	do	2
11-4	do	19.5	6-16	do	2
11-17	do	4.1	7-9	do	1
12-8	do	4.7	7-7	do	1.3
1-6	do	5.7	8-4	do	1
2-4	do	2.1	8-28	do	1
3-3	do	3.0	8-7	do	1
4-2	do	11.3	8-26	do	1.3
4-26	do	12.6	8-29	do	1
5-4	do	2.8			

TRUNK BUTTE CREEK

Sec. 26-32-50 W.

10-9	K. S. Evans	1.0	5-12	K. S. Evans	0.4
11-6	do	0			

TUB SPRINGS

Sec. 8-22-55 W.

10-8	H. H. Gidd	98.6	5-20	H. H. Gidd	29.8
10-22	do	62.0	6-4	do	4.7
11-4	do	54.5	6-16	do	4.8
11-17	do	51.1	7-9	do	7.9
12-8	do	45.2	7-21	do	50.4
1-6	do	51.7	8-7	do	4.2
2-4	do	39.6	8-11	do	31.7
3-4	do	29.5	8-15	do	41.0
4-2	do	27.2	8-9	do	34.0
4-26	do	21.7	8-13	do	18.9
5-6	do	19.5	8-29	do	20.7

WAIHOO CREEK

Ashland Sec. 35-13-9 E.

10-19	C. B. Hays	15.2	5-21	C. B. Hays	60.3
11-9	F. D. Reed	13.1	6-20	F. D. Reed	11.5
1-20	C. B. Hays	16.4	7-10	C. J. Osborne	25.2
1-26	F. D. Reed	9.0	8-10	do	12.5
3-21	C. B. Hays	74.6	8-15	E. A. Ward	190.7
4-11	L. R. Sawyer	23.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 10	Date	Hydrographer	Discharge Sec. 10
WARRENNEY CREEK					
Below Warrenton Canal—Sec. 30-33-56 W.					
10-11	K. S. Essex	0.8	6-8	K. S. Essex	6.0
11-2	do	1.2	6-11	do	5
3-17	do	1.6	8-15	do	5
WHISTLE CREEK					
Mouth Sec. 12-28-54 W.					
11-8	K. S. Essex	5.0			
WHITE CLAY CREEK					
Crawford—Sec. 2-31-52 W.					
11-9	K. S. Essex	1.0	6-6	K. S. Essex	1.2
11-6	do	3	5-12	do	7
3-12	do	2.2			
WHITE CLAY CREEK					
Above Junction with Larabee Creek Sec. 3-24-44 W.					
10-6	K. S. Essex	1.5	5-2	K. S. Essex	4.4
11-3	do	2.1	7-7	do	24.6
2-10	do	3.5	8-11	do	1.2
5-6	do	7.7	9-8	do	2.5
WHITE HORSE CREEK					
Gannett Sec. 5-13-20 W.					
11-4	A. W. Hall	6.5	4-22	A. W. Hall	29.4
11-20	do	6.7	5-2	do	45.4
12-16	do	17.5	6-25	do	12.0
1-6	do	10.1	7-15	do	3.5
7-24	do	27.9	8-15	do	2.7
1-29	do	19.8			
WHITE RIVER					
Crawford—Sec. 9-31-52 W.					
10-5	K. S. Essex	16.5	5-12	K. S. Essex	20.3
11-5	do	20.1	6-8	do	17.5
12-4	do	2.3	7-13	do	12.2
2-3	do	19.0	8-12	do	7.5
3-12	do	22.5	9-13	do	19.7
4-5	do	2.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
 Year Ending September 30, 1938

Date	Hydrographer	1937		1938	
		Section	Discharge	Section	Discharge

WHITE RIVER

Above Whitney Diversion Sec. 26-32-52 W.

10-6	K. S. Essex	37	5-9	K. S. Essex	231
11-5	do	167	6-6	do	96
12-4	do	216	7-9	do	124
2-18	do	279	8-13	do	60
3-12	do	239	9-17	do	194
7-5	do	215			

WHITE RIVER

Sec. 19-32-52 W.

10-8	K. S. Essex	55	3-5	K. S. Essex	22
11-5	do	53	5-9	do	2
12-4	do	5	6-6	do	2
2-19	do	49	7-8	do	26
3-11	do	69	8-13	do	4

WHITE RIVER

Six Miles West of Chadron Sec. 18-32-49 W.

10-7	K. S. Essex	29	4-16	K. S. Essex	214
11-5	do	75	5-9	do	70
12-3	do	56	6-5	do	105
2-17	do	57	7-8	do	110
3-11	do	105	8-13	do	38
4-5	do	102	9-17	do	14
7-12	do	257			

WHITE TAIL CREEK

Sec. 36-15-38 W.

11-3	A. W. Hall	215	5-21	A. W. Hall	260
11-29	do	292	6-25	do	257
1-24	do	389	8-4	K. S. Essex	235
2-29	do	355	8-27	A. W. Hall	307
5-4	do	251	9-29	do	295

WHITMANS FORK

Champion--Sec. 22-6-39 W.

11-15	K. S. Essex	54	5-29	K. S. Essex	17
12-14	do	16	8-23	do	7
3-27	do	11			

DISCHARGE MEASUREMENTS OF STREAMS—Concluded
Year Ending September 30, 1938

Date	Hydrographer	Discharge Sec. 11	Date	Hydrographer	Discharge Sec. 11
WINTERS CREEK					
Southstaff Sec. 18-22-54 W.					
6-5	H. H. Cole	57.7	1-18	H. H. Cole	18.1
10-23	do	67.2	2-27	do	17.4
11-5	do	59.4	3-4	do	41.1
12-22	do	59.5	5-18	do	65.5
12-30	do	67.8	6-8	do	26.2
12-15	do	64.5	6-15	do	40.7
1-7	do	58.7	6-20	do	66.2
2-19	do	55.4	7-14	do	70.5
2-1	do	50.5	7-27	do	68.2
2-16	do	52.6	8-12	do	47.9
3-4	do	51.1	8-24	do	60.4
3-15	do	48.8	9-5	do	128.1
4-2	do	46.9	9-22	do	75.1

WINTERS CREEK CANAL WASTE
To Winters Creek Sec. 19-22-54 W.

8-15	H. H. Cole	1.8	8-1	H. H. Cole	1.5
2-8	do	2.2	8-20	do	2.2
2-21	do	2.2	9-1	do	3

WOOD RIVER
Grand Island Sec. 26-31-5 W.

3-16	A. W. Hall	0.0	6-22	A. W. Hall	0.0
4-14	do	.0	7-17	do	428.0
5-22	do	.0	7-22	do	0
6-7	do	.0	9-18	do	0

**SAND HILL LAKES
RECORDS SHOWING RISE AND FALL OF
WATER SURFACE**

Year Ending September 30, 1937

Date	Observer	Sea Level Elevation	Date	Observer	Sea Level Elevation
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BEAN LAKE

Sec. 27-21-45 W.

7-28	U. S. Biological Survey	3275.0	8-17	U. S. Biological Survey	3226.6
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BILE LAKE

Sec. 14-20-44 W.

10-20	U. S. Biological Survey	3782.0	7-8	U. S. Biological Survey	3783.1
4-9	do	3782.2	8-19	do	3782.5
5-7	do	3783.1	9-17	do	3782.1
6-17	do	3783.1			

CRANE LAKE

Sec. 10-20-44 W.

5-11	U. S. Biological Survey	3785.4	8-20	U. S. Biological Survey	3785.5
6-16	do	3785.5	9-20	do	3785.5
7-13	do	3785.5			

CRISSENT LAKE

Sec. 21-20-44 W.

5-21	U. S. Biological Survey	3772.5	7-25	U. S. Biological Survey	3776.9
5-26	do	3775.4	7-29	do	3776.8
6-2	do	3774.4	7-30	do	3776.9
6-7	do	3772.2	8-2	do	3776.8
6-9	do	3772.4	8-9	do	3776.7
6-11	do	3772.5	8-10	do	3776.7
6-14	do	3772.5	8-1	do	3776.5
6-15	do	3772.5	8-2	do	3776.5
6-17	do	3772.5	8-2	do	3776.5
6-21	do	3772.4	8-7	do	3776.7
6-23	do	3772.4	8-8	do	3776.7
6-24	do	3772.4	8-9	do	3776.7
6-29	do	3772.4	8-10	do	3776.7
6-30	do	3772.4	8-12	do	3776.5
7-2	do	3772.5	9-14	do	3776.1
7-8	do	3772.2	8-15	do	3776.6
7-9	do	3772.2	8-16	do	3776.8
7-17	do	3772.1	8-17	do	3776.6
7-14	do	3772.1	8-18	do	3776.4
7-16	do	3772.2	8-20	do	3776.6
7-19	do	3772.2	8-21	do	3776.6
7-20	do	3772.0	8-22	do	3776.6
7-21	do	3772.6	8-23	do	3776.5
7-22	do	3772.0	8-24	do	3776.5
7-27	do	3776.9			

SAND HILL LAKES—Continued

Year Ending September 30, 1937

Date	Observer	Section	Elevation	Date	Observer	Section	Elevation
DEFT LAKE							
2-16	U. S.	Biological Survey	3779.4	9-20	U. S.	Biological Survey	3780.0
2-28	do		3779.1				
GILBERT LAKE							
Sec. 22-21-44 W.							
5-31	U. S.	Biological Survey	3677.2	8-21	U. S.	Biological Survey	3596.0
4-15	do		3597.1	9-9	do		3598.0
7-7	do		3597.7				
GOROHE LAKE							
Sec. 19-21-44 W.							
5-19	U. S.	Biological Survey	3523.1	7-21	U. S.	Biological Survey	3522.8
5-18	do		3521.1				
HACKBERRY LAKE							
Sec. 1-20-44 W.							
5-31	U. S.	Biological Survey	3799.9	8-19	U. S.	Biological Survey	3799.1
4-17	do		3799.0	9-17	do		3799.1
7-26	do		3799.5				
HARRISON LAKE							
1-7	U. S.	Biological Survey	3411.1	4-19	U. S.	Biological Survey	Below Gage
7-6	do		3412.5				
ISLAND LAKE							
Sec. 4-20-44 W.							
1-26	U. S.	Biological Survey	3799.5	5-29	U. S.	Biological Survey	3799.5
4-15	do		3799.5	7-15	do		3799.5
7-7	do		3799.2				
JONES LAKE							
Sec. 10-20-45 W.							
2-25	U. S.	Biological Survey	3759.6	9-16	U. S.	Biological Survey	3759.6
ROUNDUP LAKE							
Sec. 33-21-44 W.							
5-31	U. S.	Biological Survey	3640.8	8-23	U. S.	Biological Survey	3639.8
6-13	do		3640.8	9-15	do		3639.1
7-7	do		3640.8				

SAND HILL LAKES—Concluded

Year Ending September 30, 1937

Date	Observer	Sea Level Elevation	Date	Observer	Sea Level Elevation
RUSH LAKE					
Secs 24-21-45 W.					
5-10	U. S. Biological Survey	3537.1	7-23	U. S. Biological Survey	3532.0
5-18	do	3532.9	8-20	do	Dry at Gage
SMITH LAKE					
5-7	U. S. Biological Survey	3541.2	7-14	U. S. Biological Survey	Dry at Gage
6-17	do	3544.0			
SWAN LAKE					
Secs 9 and 10-20-45 W.					
4-22	U. S. Biological Survey	3501.4	7-24	U. S. Biological Survey	3501.2
5-28	do	3501.6	8-19	do	3500.1
6-16	do	3501.5	9-17	do	3500.4

**SAND HILL LAKES
RECORDS SHOWING RISE AND FALL OF
WATER SURFACE**

Year Ending September 30, 1938

Date	Observer	Sea Level Elevation	Date	Observer	Sea Level Elevation
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BEAN LAKE

5-2	U. S. Biological Survey	3277.7	9-7	U. S. Biological Survey	3277.7
6-6	do	3278.2	9-13	do	3277.8
7-8	do	3278.2	9-19	do	3277.7
8-23	do	3277.5	9-26	do	3277.6

BLACK LAKE

Sec. 16-20-44 W.

1-25	U. S. Biological Survey	3784.5	8-8	U. S. Biological Survey	3783.2
11-7	do	3786.2	8-23	do	3783.6
5-2	do	3783.4	9-15	do	3783.0
6-14	do	3783.6	9-19	do	3783.4
7-16	do	3783.4	9-28	do	3783.2

CRANE LAKE

Sec. 10-20-44 W.

10-9	U. S. Biological Survey	3785.7	8-2	U. S. Biological Survey	3786.1
11-5	do	3785.7	8-24	do	3785.9
5-1	do	3786.6	9-8	do	3786.0
6-2	do	3786.7	9-12	do	3786.9
7-8	do	3786.4	9-21	do	3786.9

CRESCENT LAKE

Sec. 21-20-44 W.

10-5	U. S. Biological Survey	3779.5	8-28	U. S. Biological Survey	3779.9
11-5	do	3780.6	8-27	do	3778.9
5-2	do	3779.5	9-7	do	3777.2
6-7	do	3777.7	9-11	do	3777.7
6-14	W. P. Chalmers	3777.7	9-21	do	3777.1
7-7	U. S. Biological Survey	3777.7	9-25	do	3777.9
8-1	do	3777.2			

DREER LAKE

10-8	U. S. Biological Survey	3790.4	8-2	U. S. Biological Survey	3790.8
11-11	do	3789.4	8-23	do	3790.0
5-8	do	3790.6	9-13	do	3790.4
6-7	do	3790.4	9-25	do	3790.1
7-7	do	3790.1			

SAND HILL LAKES—Continued

Year Ending September 30, 1938

Date	Observer		Sea Level Elevation	Date	Observer	Sea Level Elevation
CHIMLET LAKE						
Sec. 32-23-44 W.						
1-9	U. S.	Biological Survey	3944.0	8-8	U. S.	Biological Survey
11-11	do		3944.0	8-23	do	
5-3	do		3947.6	9-11	do	
6-6	do		3947.7	9-25	do	
7-11	do		3947.6			
GOOSE LAKE						
Sec. 19-23-44 W.						
5-3	U. S.	Biological Survey	3823.3	8-24	U. S.	Biological Survey
8-8	do		3823.5	9-7	do	
7-12	do		3823.2	9-19	do	
8-1	do		3823.0	9-21	do	
HACKBERRY LAKE						
Sec. 1-20-45 W.						
9-23	U. S.	Biological Survey	3760.0	8-29	U. S.	Biological Survey
11-11	do		3759.8	9-7	do	
5-2	do		3760.9	9-14	do	
6-6	do		3761.6	9-19	do	
7-6	do		3761.9	9-25	do	
HARRISON LAKE						
5-2	U. S.	Biological Survey	3814.3	9-7	U. S.	Biological Survey
6-6	do		3815.0	9-13	do	
7-12	do		3815.0	9-19	do	
8-1	do		3815.5	9-26	do	
8-15	do		3814.1			
ISLAND LAKE						
Sec. 4-20-44 W.						
10-8	U. S.	Biological Survey	3783.2	8-24	U. S.	Biological Survey
11-11	do		3782.8	9-7	do	
5-3	do		3780.6	9-14	do	
6-7	do		3780.6	9-21	do	
7-11	do		3780.5	9-28	do	
8-30	do		3780.0			
JONES LAKE						
Sec. 10-20-45 W.						
10-9	U. S.	Biological Survey	3795.5	8-17	U. S.	Biological Survey
11-11	do		3795.4	8-23	do	
5-1	do		3793.6	9-5	do	
6-7	do		3801.0	9-29	do	
7-7	do		3793.5	9-28	do	

SAND HILL LAKES—Concluded
Year Ending September 30, 1938

Date	Observer	Sea Level Elevation	Date	Observer	Sea Level Elevation
BOUNDUP LAKE					
Sec. 23-23-44 W.					
3-3	U. S. Biological Survey	366.7	8-24	U. S. Biological Survey	369.2
5-7	do	366.5	9-7	do	369.3
7-11	do	369.7	9-28	do	369.2
RUSH LAKE					
Sec. 24-21-45 W.					
5-2	U. S. Biological Survey	3521.4	9-7	U. S. Biological Survey	3521.4
6-6	do	3521.4	9-13	do	3522.6
7-18	do	3522.0	9-19	do	3522.6
8-15	do	3522.9	9-26	do	3522.4
8-23	do	3522.2			
SMITH LAKE					
5-2	U. S. Biological Survey	3535.7	9-7	U. S. Biological Survey	3534.9
6-6	do	3536.2	9-13	do	3535.0
7-18	do	3535.3	9-19	do	3535.6
8-1	do	3535.5	9-26	do	3534.5
8-23	do	3535.6			
SWAN LAKES					
Secs. 9 and 10-20-45 W.					
10-23	U. S. Biological Survey	3501.8	5-1	U. S. Biological Survey	3502.0
11-11	do	3503.9	8-15	do	3501.5
6-2	do	3501.9	9-7	do	3501.9
6-6	do	3502.3	9-13	do	3501.9
7-6	do	3502.3	9-29	do	3501.9

DISCHARGE MEASUREMENTS OF CANALS

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. Ft.
ABERDEEN CANAL D-50a, D-50b, A-1117					
Diverted from Frenchman River Sec. 3-5-39 W.					
Measurements Made at Headgate					
6-5	K. S. Essex				0.0
7-7	do	1.5	1.57	1.67	3.7
8-7	do	1.2	2.4	.21	2.9
9-1	do	1.5	2.4	.20	1.6
9-29	do	7	1.7	1.5	5
ADAMS CANAL—D-371					
Diverted from Lodgepole Creek—Sec. 3-14-52 W.					
Measurements Made at Headgate					
5-26	K. S. Essex	0.1	1.60		0.1
8-30	do	2.8	.28		.8
8-2	Essex-Hutton				0
8-27	K. S. Essex	0	1.1		2
AIREDALE CANAL NO. 1 A-699, A-1390					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made at 5.5-Foot Weir					
8-23	K. S. Essex				0.0
AIREDALE CANAL NO. 2 A-699, A-1123					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made at Headgate					
5-25	K. S. Essex				0.0
AIREDALE CANAL NO. 3 A-1509					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made at Headgate					
8-25	K. S. Essex				0.0
ALFALFA CANAL—D-738					
Diverted from North Platte River—Sec. 1-15-42 W.					
Measurements Made at Rating Flume					
10-20	A. E. Johnston	26.3	2.13	1.39	56.0
10-27	do	19.6	2.15	.99	42.1
5-8	A. W. Hall	37.2	2.26	2.06	84.3
5-21	do	29.4	1.81	1.36	53.3
6-27	do	31.7	1.87	1.31	56.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. D.
ALLEN-LARNED CANAL D-117					
Diverted from Buffalo Creek Sec. 19-1-40 W					
Measurements Made at Headgate					
3-26	A. E. Johnston				1.0
8-10	W. S. Keev	4.1	1.20		2.7
9-3	do	7.5	.92		2.3
ALLIANCE CANAL D-874 (O. D. A-1776)					
Diverted from Bayard Sugar Factory Drain Sec. 4-20-52 W					
Measurements Made at Rating Flume					
10-2	M. C. Boyer				2.1
10-10	A. E. Johnston				0
1-22	H. H. O'Neil	14.8	1.78	1.96	35.3
6-7	do	13.7	1.61	1.98	19.4
6-19	do	11.8	1.78	1.60	21.0
7-2	A. W. Dixon	19.0	.99	2.55	18.8
7-7	H. H. O'Neil	15.7	.84	2.53	11.2
7-22	do	19.1	1.21	2.58	21.7
8-18	do	9.2	.71	1.18	7.1
8-31	do	14.7	3.45	2.17	5.0
9-11	do	21.2	.71	2.10	1.9
ALLIANCE CANAL D-874 (O. D. A-1429)					
Diverted from Red Willow Creek Sec. 6-20-51 W.					
Measurements Made at Rating Flume					
1-13	A. E. Johnston				1.0
4-21	H. H. O'Neil	23.5	0.90	1.02	21.1
5-11	do	11.0	.89	1.54	15.1
5-22	do	21.9	1.18	1.90	24.8
6-7	do	14.5	1.35	1.37	19.6
6-19	do	24.4	1.10	2.10	26.0
7-7	do	25.1	1.09	2.21	27.2
7-22	do	25.2	1.31	2.21	23.1
8-4	do	19.6	1.25	2.80	42.0
8-18	do	48.5	1.22	3.20	52.5
9-30	do	44.7	.93	3.25	41.1
9-14	do	44.7	1.08	3.40	42.5
9-26	do	43.7	.88	3.25	42.9
ALLIANCE CANAL A-418 (O. D. A-2088)					
Diverted from Camp Clark Sloop Sec. 9-20-51 W.					
Measurements Made at Headgate					
10-2	M. C. Boyer				1.5
10-13	A. E. Johnston	4.4	1.37	1.60	8.6
7-22	H. H. O'Neil	4.2	1.41	2.12	3.9
8-4	do	5.3	1.18	2.00	6.2
8-18	do	9.6	1.18	1.70	11.3
8-30	do	6.9	1.00	2.78	9.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge (Sec.-ft.)
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 9-14-51 W.					
Measurements Made at Headgate					
5-26	K. S. Essex	1.5	1.72		3.1
6-30	do				.9
8-2	Elsie Hansen				.6
8-27	K. S. Essex				.6
9-22	do				6
ANDREWS SUPPLY CANAL—A-2580					
Diverted from Saw Hilly Creek—Sec. 5-32-55 W.					
Measurements Made at Headgate					
3-12	A. E. Johnston	3.8	1.19		3.0
ATKINS-POLLY CANAL—D-342, D-344					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
3-25	Essex-Hanna	2.0	0.60	0.34	1.2
6-20	do	1.2	.50	.65	1.4
7-30	K. S. Essex	2.5	.50	.40	2.0
8-27	do			.03	.0
BACHELOR CANAL—A-2506					
Diverted from Boardman Creek—Sec. 33-30-32 W.					
Measurements Made at Headgate					
3-17	A. E. Johnston				0.0
BARBER CANAL—D-754, A-1711					
Diverted from Clear Creek—Sec. 29-16-41 W.					
Measurements Made at Rating Flume					
10-1	A. E. Johnston	2.5	1.64	0.70	4.6
10-24	do	...	...		.6
11-5	do	1.2	.52	.50	5
4-5	A. W. Hall	6.8	1.03	1.19	51.1
4-27	do	5.5	.65	.35	3.6
5-71	do	3.9	1.18	.72	4.6
6-21	do	3.6	1.75	.95	6.3
7-10	do	3.7	1.92	.97	7.1
7-30	do	4.6	1.98	1.01	9.0
8-14	do	3.5	1.40	.93	4.9
8-30	do	6.3	1.81	1.35	9.6
BARRETT CANAL—D-234					
Diverted from Lodgepole Creek—Sec. 32-14-46 W.					
Measurements Made at Headgate					
5-23	K. S. Essex	0.6	0.52		0.3
5-28	do	...	...	...	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec.-ft.
BARRON CANAL, WEST—D-438-B					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made near Headgate					
7-21	Essex-Hamussen				0.0
8-20	K. S. Edsra				0
9-13	do				0
BARRON CANAL EXTENSION—A-1953					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Storing in Norman Reservoir					
Measurements Made near Headgate					
3-13	A. E. Johnston	2.0	1.62		3.2
BARTLETT CANAL—A-2285					
Diverted from White River—Sec. 19-34-48 W.					
Measurements Made at Pump					
3-20	Johnston-Hamussen				0.0
BEATTY LATERAL—A-2145					
Diverted from Platte River—Sec. 18-10-23 W.					
Measurements Made at Headgate from Strevor Creek—Sec. 4-8-21 W.					
10-6	A. E. Johnston	10.4	0.61		6.3
10-29	do	16.5	1.12		18.5
BEERLINE CANAL—D-867					
Diverted from North Platte River—Sec. 24-19-40 W.					
Measurements Made at Rating Flume					
10-11	A. E. Johnston	10.3	0.91	0.96	9.4
6-15	H. H. Odell	3.2	.65	.38	2.1
6-21	A. W. Hall	7.0	.78	.65	5.4
4-29	do	15.6	.82	1.44	12.9
3-12	do	12.8	1.29	1.18	16.4
7-17	do	15.3	1.16	1.41	17.7
7-31	do	3.9	.28	.37	1.1
8-19	do	13.7	1.55	1.22	20.7
8-30	do	1.6	.62	.12	.5
BELMONT CANAL—D-828, D-858, A-866					
Diverted from North Platte River—Sec. 18-20-51 W.					
Measurements Made at Rating Flume					
4-22	H. H. Odell	34.4	0.97	0.30	33.7
5- 9	do	41.7	1.04	.37	44.2
6- 7	do	44.1	1.41	.42	62.1
6-18	do	64.4	1.82	.63	117.6

(Continued on next page)

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BELMONT CANAL—Continued					
8-29	H. H. Odell	68.7	2.31	0.92	154.0
7-26	do	65.1	2.24	.78	139.0
7-21	do	79.3	2.13	.91	169.0
8-14	do	12.7	2.05	.76	149.0
8-23	do	15.0	1.91	.71	131.0
9-14	do	14.6	1.29	.34	50.3
9-20	do	46.3	1.54	.52	53.7
BELMONT FEEDER A-1397					
Diverted from Cedar Creek—Sec. 23-18-48 W.					
Measurements Made about 200 Feet Above Junction					
5-18	H. H. Odell	4.6	1.04	1.09	30.4
5-24	do	4.4	1.56	.81	7.5
5-29	A. W. Hall	4.9	1.77	.85	8.8
5-16	H. H. Odell	5.1	1.75	.92	9.9
7-17	A. W. Hall	7.5	1.47	1.15	11.3
8-11	do	5.1	1.87	.86	7.0
5-26	do	5.5	1.43	.85	7.8
BENDIX CANAL A-189, A-1609					
Diverted from Sand Creek—Sec. 35-33-53 W.					
Measurements Made at Headgate					
5-18	K. S. Essex	0.6	0.90	...	0.1
6-23	do	...	...	...	0
BENNETT RESERVOIR CANAL A-618, A-1975					
Diverted from Lodgepole Creek and Bennett Reservoir, A-857, A-1974—Sec. 22-15-55 W.					
Measurements Made at Headgate					
5-25	K. S. Essex	1.1	1.00	...	1.1
6-29	Essex-Hanna	...	...	...	.0
7-31	K. S. Essex	2.9	1.12	...	3.4
8-27	do	7.5	.80	...	6.0
9-23	Essex-Hanna	7.7	1.04	.....	2.1
BICKEL CANAL D-347, A 719, A-724					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
5-25	Essex-Hanna	1.4	0.93	0.40	1.3
6-29	do	2.4	.86	.85	3.3
7-30	do	5.4	1.23	.34	1.7
8-27	K. S. Essex	1.4	1.29	.49	1.6
9-21	Essex-Hanna	1.6	1.19	.39	1.9

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
BIGLOW-BEYBLOER CANAL D-510					
Diverted from Nebraska River Sec. 19-31-57 W					
Measurements Made at Headgate					
5-25	K. S. Essex	...	...	...	0.0
6-24	do	7.0	0.15	...	1.0
7-15	do	5.2	.20	...	1.5
8-22	do	...	...	...	.0
9-14	do	...	...	...	0
BIRD CAGE-QUINN CANAL—D-692, A-1561					
Diverted from Pumpkinseed Creek Sec. 20-10-51 W.					
Measurements Made at Headgate					
5-25	K. S. Essex	...	...	...	0.0
9-21	do	2.6	0.50	0.85	1.2
BIRDWOOD CANAL D-646					
Diverted from Birdwood Creek—Sec. 35-15-33 W.					
Measurements Made at Rating Flume					
10-2	A. E. Johnston	19.3	0.66	1.35	15.8
10-28	do	...	...	...	.0
5-27	A. W. Hall	6.4	.55	.61	3.5
6-15	do	7.7	1.14	.70	9.0
6-26	do	9.3	1.25	.94	12.5
7-9	do	16.0	1.46	1.21	23.4
7-29	do	29.2	1.34	2.02	39.8
8-13	do	24.0	1.35	1.73	31.6
8-20	do	24.4	1.15	1.70	27.3
9-1	do	12.5	1.30	.96	16.8
BLUE CREEK CANAL D-765, D-783					
Diverted from Blue Creek and Crescent Lake, A-1575— Sec. 33-17-42 W.					
Measurements Made at Rating Flume					
10-27	A. E. Johnston	28.8	1.52	1.30	43.8
4-20	A. W. Hall	25.0	1.75	2.03	43.7
5-21	do	18.6	1.51	1.47	26.0
8-16	do	2.8	1.24	.50	3.9
6-29	do	24.0	1.50	1.92	35.2
7-10	do	21.1	1.45	1.67	30.0
7-30	do	22.6	1.77	1.57	40.4
8-21	do	19.0	1.73	1.51	32.9
9-30	do	20.2	1.49	1.71	30.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BLOHM CANAL, A-1511					
Diverter from Lodgepole Creek—Sec. 36-14-48 W.					
Measurements Made at Headgate					
12-12	A. E. Johnston	11	1.64		1.5
1-1	do	7.5	1.63		5.6
1-22	do	3	1.00		3
4-28	M. S. Evers				.0

BOELUS POWER CANAL, A-1273					
Diverter from Middle Loop River—Sec. 30-13-12 W.					
Measurements Made at U. P. R. Bridge at Boelus Sec. 29-13-12 W.					
11-24	Oleff-Central	290.0	1.50		435.0
11-21	U. H. Orell	238.0	1.31	3.91	314.0
12-7	C. E. Haro				0
12-29	Wayne Central				0
3-13	L. R. Sawyer	251.0	1.53	3.99	429.0
4-3	J. V. Ruzicka	242.0	2.20	3.34	503.0
4-7	L. R. Sawyer	245.0	2.28	3.31	485.0
4-18	J. V. Ruzicka	233.0	1.97	3.67	455.0
4-24	do	235.0	2.07	3.99	529.0
5-1	do	245.0	2.07	3.34	503.0
5-8	do	249.0	1.99	3.31	495.0
5-15	do	236.0	1.93	3.32	452.0
5-22	do	260.0	2.02	4.02	579.0
5-31	do	250.0	1.94	3.35	453.0
6-5	do				.0
6-12	do	246.0	1.94	3.34	453.0
6-19	do	243.0	1.90	3.34	425.0
7-2	do	237.0	2.04	3.06	435.0
7-10	do	229.0	1.84	3.34	449.0
7-14	Eisenhuth Ruzicka	233.0	2.11	3.64	497.0
7-21	J. V. Ruzicka	257.0	2.06	3.34	530.0
7-31	do	256.0	1.99	3.31	521.0
8-7	do	255.0	1.73	4.10	507.0
8-14	do	243.0	2.00	3.63	505.0
8-22	do	248.0	2.10	3.65	517.0
8-28	do	244.0	2.10	3.61	512.0
8-4	do	268.0	2.25	4.10	621.0
9-11	do	261.0	2.10	3.31	547.0
9-18	do	244.0	2.00	3.56	492.0
9-25	do	242.0	2.19	3.67	530.0

BOOTH CANAL, NORTH—D-308, D-310					
Diverter from Lodgepole Creek Sec. 29-14-27 W.					
Measurements Made at Rating Flume					
7-1	K. S. Evers				0.0
8-3	Evers-Hansen				.0
8-28	K. S. Evers				.0
9-22	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ROOTH CANAL, SOUTH—D-309, D-310					
Diverted from Lodgepole Creek Sec. 29-14-27 W.					
Measurements Made at Rating Flume					
5-24	K. S. Essex	3.2	0.49	0.50	2.0
7-2	do				0
8-2	Essex-Hanson				0
8-25	K. S. Essex				0
9-22	do				0
BORDWELL CANAL—D-302					
Diverted from Lodgepole Creek Sec. 35-14-49 W.					
Measurements Made at Headgate					
7-1	K. S. Essex				0.9
BORDWELL CANAL—D-303					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
5-27	K. S. Essex	1.6	0.94	0.52	1.5
7-1	do	1.1	.8	.51	2
8-2	Essex-Hanson	1.4	.74	.52	1.1
5-27	K. S. Essex	1.0	.81	.51	3
9-22	do				0
BORQUIST CANAL—D-300					
Diverted from Lodgepole Creek Sec. 34-14-49 W.					
Measurements Made at Headgate					
7-1	K. S. Essex				0.0
8-2	Essex-Hanson				0
5-27	K. S. Essex				0
9-22	do				0
BORQUIST CANAL—D-301					
Diverted from Lodgepole Creek Sec. 34-14-49 W.					
Measurements Made at Headgate					
9-22	A. E. Johnson	7.1	0.51		2.3
5-27	K. S. Essex	3.6	.54	0.66	1.8
7-1	do	1.5	.78	.72	1.4
8-2	Essex-Hanson				0
8-27	K. S. Essex				0
9-22	do				0
J. S. BOUTRETT CANAL—A-546					
Diverted from Nishnabur River Sec. 19-30-58 W.					
Measurements Made at Headgate					
8-27	K. S. Essex				0

DISCHARGE MEASUREMENTS OF CANALS--Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge per Sec.
BRADY CANAL D-352					
Diverted from Lodgepole Creek Sec. 29-15-55 W.					
Measurements Made at Headgate					
5-26	K. S. Essex	0.4	0.50		0.2
6-30	do				0
7-31	do				0
8-27	do				0
9-21	do				0

BROWNS CREEK CANAL D-857, D-1033
Diverted from North Platte River and Pathfinder Reservoir
Sec. 20-20-50 W.
Measurements Made at Rating Flume

10-22	Johnston-Boyer	31.0	1.60	1.96	49.7
5-7	Harvest-Mullett	17.0	2.28	1.02	21.9
5-22	H. H. Odell	20.3	1.36	.91	27.0
6-10	do	18.4	1.38	.57	25.4
6-23	do	44.7	1.57	2.40	72.1
7-10	do	57.3	1.72	3.06	100.0
7-17	A. W. Ball	45.8	1.56	1.42	72.4
7-26	H. H. Odell	55.3	1.56	2.94	87.1
8-3	do	17.2	1.60	2.61	30.2
8-18	do	45.6	1.56	2.27	71.2
8-31	do	45.0	1.57	2.24	70.7
9-13	do	3	.54	0.91	2
9-22	do	33.8	1.57	1.67	55.4

BULLOCK CANAL D-296
Diverted from Lodgepole Creek Sec. 3-13-46 W.
Measurements Made at Headgate

12-11	A. E. Johnston	1.5	1.11		2.0
3-22	do				0
5-25	K. S. Essex	.5	1.00		.5
7-2	do				0
7-7	Essex-Hansen	1.0	.60		.6
8-30	K. S. Essex	1.0	.70		.7
9-23	do				1

BULLOCK CANAL A-437
Diverted from Lodgepole Creek Sec. 4-13-46 W.
Measurements Made below Headgate

1-2	K. S. Essex				0.6
3-3	Essex-Hansen	1.4	0.71		1.0
7-30	K. S. Essex				0
9-23	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. Ft.
BUSHNELL CANAL A-504					
Diverted from Lodgepole Creek Sec. 2-14-54 W.					
Measurements Made at Headgate					
5-24	Essex-Hanna	..	..	..	0.0
6-24	do	..	..	..	0
7-29	do	..	..	..	0
8-26	K. S. Kasek	..	..	..	0
9-20	Essex-Hanna	..	..	..	0
CALADONIA CANAL—A-1681, A-1683					
Diverted from Jim Creek and Caladonia Reservoir, A-1150					
Sec. 13-33-57 W.					
Measurements Made at Headgate					
5-12	A. E. Johnston	..	..	..	0.0
5-15	K. S. Kasek	0.7	0.75	..	2
6-23	do	..	..	..	0
7-19	do	..	..	..	0
CAPRON CANAL D-890					
Diverted from Greenwood Creek Sec. 15-18-50 W					
Measurements Made at Headgate					
6-26	Harvey Mallett	35	1.47	..	5.3
CASTLE ROCK CANAL—D-921					
Diverted from North Platte River—Sec. 4-21-54 W.					
Measurements Made at Rating Flume					
3-14	F. H. Odell	31.3	1.51	1.70	49.6
3-22	do	37.8	1.68	2.04	63.4
6-10	do	21.6	1.70	1.12	24.4
4-21	do	41.8	2.06	2.23	93.7
7-7	do	35.0	1.97	1.81	63.6
7-29	do	45.0	2.17	2.46	97.5
8-2	do	41.2	2.05	2.22	85.0
8-13	do	28.9	1.84	2.11	59.6
8-21	do	41.0	1.82	2.23	74.5
3-17	do	26.5	1.52	1.47	39.0
9-30	do	37.4	1.51	2.10	55.6
CENTRAL CANAL—D-926					
Diverted from North Platte River and Pathfinder Reservoir					
Sec. 38-22-55 W.					
Measurements Made at Rating Flume					
4-17	H. H. Odell	10.6	2.52	0.95	26.6
5-4	do	8.7	1.92	.80	16.7
5-17	do	8.6	2.75	.50	24.2
6-23	do	12.0	2.17	1.40	26.8

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DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge per -ft
CENTRAL CANAL—Continued					
6-29	H. H. Odell	15.8	2.01	1.47	31.7
7-13	do	15.9	2.25	1.49	34.2
7-27	do	9.5	2.62	.89	25.7
8-5	do	13.8	1.94	1.25	28.3
8-19	do	12.4	2.55	1.17	31.6
9-1	do	12.3	2.66	1.03	30.2
9-22	do	2.4	2.72	.71	29.0
CHAMPION CANAL D-47					
Diverted from Frenchman River Sec. 23-6-40 W.					
Measurements Made at Headgate					
12-12	A. E. Johnston	12.5	1.41	1.62	12.9
5-3	K. S. Knox	9.9	1.02	1.15	9.2
8-5	do	15.7	1.06	2.05	15.7
7-6	do	12.6	.85	1.72	11.6
8-6	do	10.4	.84	1.32	9.8
8-21	do				0
9-23	do	16.2	.68	1.32	6.9
CHAMPION CANAL A-3104					
Diverted from Frenchman River Sec. 23-6-40 W.					
Storing in Kilpatrick Reservoir					
Measurements Made near Reservoir Inlet Sec. 30-6-39 W.					
2-5	A. E. Johnston				0.0
3-3	do	12.0	1.43	1.42	17.2
3-22	do	11.2	1.63	1.42	21.2
CHIMNEY ROCK CANAL D-844, D-1031, A-2180					
Diverted from North Platte River and Pathfinder Reservoir					
Sec. 1-20-53 W.					
Measurements Made at Rating Flume					
10-16	A. E. Johnston	7.2	1.25	0.42	9.6
5-17	H. H. Odell	8.4	2.76	.46	23.1
5-22	do	11.2	3.62	.60	44.2
6-7	do	10.4	3.95	.52	41.1
6-19	do	12.2	3.22	.61	40.2
7-7	do	16.4	3.73	.75	50.2
7-20	do	14.6	3.73	.74	56.4
8-4	do	13.5	3.53	.65	51.8
8-18	do	12.5	3.50	.64	51.2
8-31	do	11.0	3.06	.53	33.6
9-17	do	7.4	2.07	.39	15.3
9-29	do	9.6	2.96	.51	27.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge— Sec. 49
CHRISTENSEN CANAL, NORTH D-367					
Diverted from Lodgepole Creek Sec. 7-14-51 W.					
Measurements Made at Headgate					
5-26	K. S. Kees	0.8	0.50		0.4
5-26	do	8	2.12		1.7
6-30	do		"		.5
8-27	do	1.5	.53		1.0
9-22	do	1.7	.45		1.0
CHRISTENSEN CANAL, SOUTH D-368					
Diverted from Lodgepole Creek Sec. 7-14-51 W.					
Measurements Made at Headgate					
5-26	K. S. Kees	3.5	0.45		1.1
6-30	do	2.5	.47		1.3
8-27	do				.4
9-22	do	6.7	.24		1.5
CIRCLE ARROW CANAL D-346					
Diverted from Lodgepole Creek Sec. 30-15-54 W.					
Measurements Made at Headgate					
5-25	K. S. Kees	1.4	1.24		3.0
6-29	Kees-Hanna	2.3	.84		2.0
7-31	K. S. Kees	2.5	1.64		4.2
8-23	A. W. Hall	2.0	.57	0.35	1.7
8-27	K. S. Kees	1.2	2.50	.10	3.0
9-21	Kees-Hanna	1.0	2.40	.35	2.4
CLEAR CREEK CANAL D-748					
Diverted from Clear Creek Sec. 32-18-41 W.					
Measurements Made at Rating Flume					
10-1	A. E. Johnston				0.0
10-24	do				.0
4-27	A. W. Hall	3.2	1.93	0.51	3.3
5-21	do	3.8	1.15	.32	4.4
7-10	do	2.6	.60	.25	1.6
7-20	do	2.8	1.74	.61	3.1
8-14	do	3.3	1.08	.61	3.5
8-30	do	1.8	.20	.51	.9
CODY-DILLON CANAL D-848					
Diverted from North Platte River Sec. 9-14-31 W.					
Measurements Made at 10-foot Cipolletti Weir					
10-3	A. E. Johnston				0.0
10-23	do				.0
5-28	A. W. Hall	24.0	1.73	0.95	42.3

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DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CODY-DILLON CANAL—Continued					
6-26	A. W. Hall	24.4	1.82	1.11	43.1
7-8	do	17.7	1.72	.86	26.5
7-29	do	19.5	1.72	.90	31.5
8-22	do	16.9	1.88	.88	21.7
COFFEE CANAL, EAST D-512					
Diverted from Hat Creek Sec. 26-33-55 W.					
Measurements Made at Headgate					
8-12	Johnson-Hammonsen				1.0
8-15	K. S. Essex	1.5	1.06		1.5
8-22	do	1.3	.62		.8
9-14	do				.6
COFFEE CANAL, WEST D-512					
Diverted from Hat Creek—Sec. 28-33-55 W.					
Measurements Made at Headgate					
8-12	Johnson-Hammonsen				0.0
7-19	K. S. Essex	0.7	0.80		.6
8-14	do				0
COLD WATER CANAL—D-786					
Diverted from Cold Water Creek Sec. 26-18-46 W.					
Measurements Made into Deep and North River Canal					
1-15	A. H. Johnson	2.0	1.61	0.50	3.2
2-5	A. W. Hall	2.4	1.42	.50	3.4
3-5	do	2.0	1.23	.35	2.7
4-16	do	1.3	2.09	.31	3.4
5-13	do	3.0	1.07	.33	3.6
6-22	do	2.6	1.27	.32	3.3
7-17	do	2.1	1.32	.34	3.2
8-25	do	2.1	1.26	.31	2.9
COOK CANAL NO. 1 D-680					
Diverted from Nohman River Sec. 1-28-56 W.					
Measurements Made at Headgate					
7-16	Essex-Hammonsen	4.4	0.48	1.29	2.0
8-22	K. S. Essex	2.5	.34	.95	1.4
9-14	do	2.7	.18	.97	1
COOPER CANAL A-333					
Diverted from Squaw Creek Sec. 36-32-52 W.					
Measurements Made at Headgate					
8-21	K. S. Essex	0.5	0.20		0.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Water Depth	Discharge Sec. 41
COYNE HOUSE ROCK CANAL D-840, D-1028, A-851					
Diverted from Pumpkinseed Creek Sec. 30-10-50 W.					
Measurements Made at Rating Flume					
12-10	A. E. Johnston	9.0	2.08	0.95	18.3
3-15	A. W. Hall	7.8	85	1.5	1.5
4-21	H. B. Ockell	7.2	2.09	.97	14.0
5-22	A. W. Hall	9.0	1.87	1.00	16.8
7-2	do	5.1	1.84	.86	9.4
7-21	Harvey Madell	3.4	2.99	.57	11.8
8-9	A. W. Hall	6.5	1.40	.72	9.1
8-28	K. S. Essex	5.2	.91	.90	7.4
9-24	do	9.9	.73	1.10	7.2
COZAD CANAL, D-820, A-2050, A-2050					
Diverted from Platte River and Sutherland Reservoir					
Sec. 15-11-25 W.					
Measurements Made at Rating Flume Sec. 13-11-25 W					
10-5	A. E. Johnston	"	"	"	0.0
10-20	do	125.9	1.75	3.95	280.7
10-22	do	119.6	1.68	4.20	250.3
10-30	do	125.0	1.61	3.64	307.6
11-9	do	"	"	1.75	40.0
11-22	do	45.4	1.65	2.44	149.6
11-18	do	67.5	1.86	2.50	162.3
4-25	A. W. Hall	42.5	1.40	1.28	59.8
5-5	do	60.0	1.75	1.92	111.6
5-17	do	69.5	1.70	1.78	113.0
5-25	do	56.8	1.58	1.65	87.7
6-22	do	28.9	1.55	1.16	60.3
7-24	do	116.2	1.70	1.62	201.4
9-12	do	66.8	1.22	2.54	114.0
CREWS CANAL D-1025					
Diverted from Republican River Sec. 21-1-41 W.					
Measurements Made at Diversion Point					
5-8	K. S. Essex	1.8	1.44	"	2.6
9-9	do	3.2	1.38	1.00	4.4
CREWS CANAL NO. 2—A-1708					
Diverted from Republican River Sec. 20-1-41 W.					
Measurements Made at Headgate					
5-10	K. S. Essex	"	"	"	0.0
CREWS CANAL NO. 3 A-1826					
Diverted from Republican River Sec. 20-1-41 W.					
Measurements Made at Headgate					
5-10	K. S. Essex	"	"	"	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Sec. ft.
CULBERTSON CANAL—D-24, D-25, D-29, D-30					
Diverted from Frenchman River and Sinking Water Creek— Sec. 31-5-23 W.					
Measurements Made at Rating Flume					
5-5	X. S. Ewert	52.0	1.93	3.41	104.4
6-6	do	25.7	1.14	1.66	27.2
7-7	do	40.5	1.59	2.72	62.5
8-7	do	57.3	1.89	3.67	104.7
9-1	do	49.0	1.65	3.19	79.1
9-29	do	48.0	1.71	3.06	63.2

**DAWSON COUNTY CANAL—D-621, D-622, D-624, A-2029,
A-2093, A-2110, A-2145, A-2202**

Diverted from Platte River and Sutherland Reservoir
Sec. 18-10-23 W.

Measurements Made at Rating Flume—Sec. 7-10-23 W.

10-6	A. E. Johnston	143.7	2.05	3.67	291.2
10-20	do	153.9	1.92	3.75	290.4
10-27	do	186.9	2.30	4.18	429.3
10-29	do	174.2	1.98	4.03	319.6
10-31	do	182.0	2.02	4.02	369.4
11-9	do	175.6	1.87	3.20	227.0
11-10	do	162.2	1.98	4.16	369.0
11-12	do	196.9	1.54	2.96	108.7
11-14	do	112.4	1.61	3.00	106.4
4-10	A. W. Hall	16.5	1.31	2.45	77.5
4-21	do	107.6	1.63	2.95	156.3
5-3	do	117.9	1.71	3.22	202.0
5-17	do	93.0	1.66	2.98	162.2
5-25	do	46.2	1.20	2.15	69.0
5-28	do	72.1	1.52	2.65	107.1
6-28	do	96.6	1.60	2.91	154.3
6-25	do	44.9	.84	2.09	42.0
7-7	do	69.1	1.56	2.54	102.7
7-23	do	291.7	2.35	4.40	412.6
7-28	do	122.3	1.87	4.10	209.0
8-10	do	96.2	1.55	2.42	85.1
8-21	do	23.2	1.36	1.95	28.1
9-2	do	51.6	1.34	2.79	69.4
9-12	do	129.0	1.34	3.62	261.6

DAWSON COUNTY CANAL EXTENSION—A-2080, A-2110

Diverted from Platte River and Sutherland Reservoir—
Sec. 13-10-23 W.

Measurements Made on West Linn—Sec. 26-10-20 W.

10-29	A. E. Johnston	9.2	0.97		5.9
11-17	do	16.4	1.92		31.7
11-19	do	12.4	1.14		14.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec-ft
DELAWARE-HICKMAN CANAL D-157					
Diverted from Republican River—Sec. 17-1-37 W.					
Measurements Made near Headgate					
5-7	K. S. Essex	2.5	0.78	...	3.0
7-9	do				.0
8-20	do	2.2	1.25		4.0
9-3	do				.0
DICKINSON CANAL—D-967					
Diverted from Lodgepole Creek Sec. 33-14-47 W.					
Measurements Made at Headgate					
3-28	K. S. Essex	2.1	0.51		2.1
7-2	do				.0
8-3	Essex Hansen				.0
8-26	K. S. Essex	6	.36		.1
9-23	do	3.0	.67		2.0
DICKINSON CANAL D-969					
Diverted from Lodgepole Creek Sec. 26-14-47 W.					
Measurements Made at Headgate					
1-2	K. S. Essex				0.0
5-3	Essex Hansen				0
8-28	K. S. Essex	4.2	0.46		1.9
9-28	do	.2	.56		.1
DODD-McDOWELL CANAL A-1571					
Diverted from Dodd-McDowell Reservoir, A-1276 Sec. 13-32-53 W.					
Measurements Made at Headgate					
6-21	K. S. Essex				0.0
DOUT BROTHERS CANAL D-981					
Diverted from Jim Creek—Sec. 7-33-56 W.					
Measurements Made below Headgate					
3-12	A. E. Johnston				0.0
5-15	K. S. Essex				.0
6-20	do				.0
9-14	do				0
DOUT CANAL NO. 1 A-2090					
Diverted from Dout Reservoir No. 1, A-1998 Sec. 7-33-56 W.					
Measurements Made at Headgate					
6-23	K. S. Essex				0.0
7-19	do				0
9-14	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gate Height	Discharge Sec-ft
EARNEST CANAL NO. 1 D-514a					
Diverted from Nebraska River Sec. 9-29-56 W.					
Measurements Made at Headgate					
5-15	K. S. Essex	6.7	0.95	1.25	8.8
6-24	do	3.3	.71	-	3.7
8-22	do	5.6	1.37	1.45	7.1
9-14	do	...	...	...	0
EARNEST CANAL NO. 2 D-514b					
Diverted from Nebraska River—Sec. 9-29-56 W.					
Measurements Made at Headgate					
4-24	K. S. Essex				0.0
8-22	do				0
9-14	do	2.7	1.50		4.0
KLM CREEK CANAL A-2104					
Diverted from Platte River and Sutherland Reservoir Sec. 6-8-19 W.					
Measurements Made at Bridge—Sec. 33-6-19 W.					
10- 6	A. H. Johnson				0.4
10-29	do	13.0	0.54	1.75	7.3
11- 9	do	41.2	1.61	3.31	64.7
11-11	do	75.2	1.39	3.60	104.5
11-17	do	57.4	1.63	3.65	54.2
12- 1	do	41.7	1.45	3.15	42.3
12-17	A. W. Hall	35.3	.80	3.20	29.4
3-13	do	36.4	1.43	3.70	50.7
3-24	do	45.5	1.03	2.55	51.5
4- 7	do	38.1	.88	2.40	32.5
4-23	do	58.0	1.17	3.15	67.7
5- 4	do	53.6	1.27	3.00	67.8
5-16	do	26.9	2.02	2.34	30.2
6-12	do	14.4	.19	1.65	2.5
6-24	do			1.20	0
7- 7	do			1.50	7.9
9-12	do			2.00	5.9
EMPIRE CANAL D-858, A-466					
Diverted from North Platte River Sec. 18-20-51 W.					
Measurements Made at Rating Flume Sec. 20-20-51 W.					
4-22	W. H. Odell	3.7	1.02	0.86	3.2
6- 2	do	1.6	1.36	.45	4.2
6-19	do	9.5	1.42	1.04	15.8

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
EMPIRE CANAL—Concluded					
6-29	H. H. Odell	70.0	1.70	1.12	17.0
7-20	do	5.7	1.18	.62	3.4
7-31	do	7.4	2.51	.79	12.6
8-14	do	5.4	1.48	.53	5.0
8-27	do	5.0	1.18	.59	6.9
9-17	do	4.0	1.25	.52	4.8
9-30	do	3.4	1.49	.71	5.7
ENTERPRISE CANAL—D-920					
Diverted from North Platte River—Sec. 27-23-57 W.					
Measurements Made at Rating Flume					
10-14	A. E. Johnston	4.3	0.77	0.70	4.7
5-20	H. H. Odell	47.4	1.75	1.40	12.6
6-5	do	21.3	1.42	.93	14.4
6-18	do	32.3	1.79	1.32	27.5
6-30	do	47.8	1.86	1.64	35.8
7-16	do	36.8	1.77	1.42	43.0
7-29	do	32.1	1.40	1.29	46.9
8-11	do	44.9	1.58	1.71	54.5
8-19	do	40.8	1.94	1.53	72.1
8-25	do	45.7	1.77	1.54	78.9
9-9	do	45.2	1.85	1.50	54.0
9-17	do	36.3	1.71	1.20	42.2
ENTERPRISE CANAL D-920					
Diverted from Morrill Drain Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
10-14	A. E. Johnston	4.0	0.53	...	2.1
5-20	H. H. Odell	1.8	.75	...	.5
8-18	do	5.5	.76	...	1.4
7-3	do	8.4	.19	...	1.6
7-29	do	4.1	.52	...	2.1
5-11	do	3.4	.65	...	2.2
5-20	do	4.0	1.25	...	5.0
9-2	do	4.0	.71	...	3.7
5-14	do	5.8	.50	...	2.9
ENTERPRISE CANAL D-920					
Diverted from Stewart Drain Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
10-14	A. E. Johnston	0.7	0.91	...	0.6
5-20	H. H. Odell	1.3	.77	...	1.0
7-29	do	...	...	...	.0
9-2	do	1.0	.86	...	.6
9-16	do	1.0	1.50	...	1.5

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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ENTERPRISE CANAL—D-920

Diverted from Wet Spotted Tail Creek Sec. 22-23-56 W.

Measurements Made above Intersection with Enterprise Canal

6-20	H. H. Odell	6.0	1.70	...	10.1
6-27	do	4.7	1.17	...	5.5
6-28	do	10.0	.98	...	9.8
7-17	do	6.6	1.64	...	10.8
7-29	do	6.6	1.53	...	10.1
8-11	do	6.6	1.16	...	7.6
8-20	do	7.6	1.41	...	10.7
9- 2	do	6.6	1.57	...	10.3
9-16	do	6.6	1.55	...	10.2

ENTERPRISE CANAL D-920

Diverted from Tub Springs—Sec. 33-23-55 W.

Measurements Made above Intersection with Enterprise Canal

6-20	H. H. Odell	31.5	0.65	...	20.6
6- 3	do	30.6	1.35	...	41.3
6-17	do	43.5	.25	...	29.1
6-30	do	57.6	.61	...	34.9
7-17	do	32.1	1.22	...	39.1
7-27	do	30.0	1.30	...	41.2
8-10	do	19.8	1.17	...	23.2
8-19	do	47.7	.74	...	40.7
8-26	do	29.2	.56	...	25.0
9- 9	do	28.1	1.24	...	26.7
9-17	do	18.2	1.67	...	30.4

ENTERPRISE CANAL D-920 (O. D. A-2409)

Diverted from Winters Creek Sec. 8-22-54 W.

Measurements Made near Headgate

6-21	H. H. Odell	2.6	1.12	...	2.8
7-13	do	3.2	1.10	...	3.5
8-10	do	5.0	1.15	...	5.8
8-18	A. W. Hall	7.1	1.27	...	9.0
8-20	H. H. Odell	4.3	1.22	...	5.2
8-27	do	2.9	1.24	...	3.6
9- 8	do	2.7	1.40	...	3.7
9-22	do	3.2	1.55	...	5.0

ENTERPRISE CANAL D-461

Diverted from Niobrara River Sec. 27-29-50 W.

Measurements Made at Headgate

8-17	K. S. Ewert	11.0
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DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
EXCELSIOR CANAL D-568, A-2264					
Diverted from Niobrara River—Sec. 10-28-52 W.					
Measurements Made at Headgate					
7-17	Essex-Haunzusek	1.9	1.75		0.3
8-21	K. S. Essex	6.4	6.4		4.2
8-25	do				.0
FARMERS CANAL D-141					
Diverted from Frenchman River—Sec. 11-3-32 W.					
Measurements Made at Headgate					
6-6	K. S. Essex				0.0
7-8	do	7.2	7.82	1.52	5.9
8-9	do	7.5	31	1.55	5.3
8-1	do	4.4	36	1.12	1.6
8-30	do	4.3	49	1.27	7.1
FINCH CANAL D-984					
Diverted from Clear Creek—Sec. 4-13-41 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston				0.4
FOLLETT-BROTTER CANAL A-705, A-720, A-975, A-2254					
Diverted from Frenchman River—Sec. 25-5-34 W.					
Measurements Made at Rating Flume					
3-24	A. E. Johnston	8.6	1.47	0.41	5.3
5-5	K. S. Essex	6.4	1.26		15.4
7-7	do	6.4	1.92	1.54	12.3
8-1	do				.0
8-29	do				.0
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
3-11	A. E. Johnston	0.8	0.79		0.7
8-13	K. S. Essex				.0
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
8-11	A. E. Johnston				0.0
8-13	K. S. Essex				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
GALLUP CANAL—D-426					
Diverted from Chadron Creek Sec. 15-35-49 W.					
Measurements Made at Headgate					
6-18	K. S. Marx				0
8-20	do				0
9-12	do				0

GERING CANAL—A-385Diverted from North Platte River and Pathfinder Reservoir
Sec. 4-23-58 W.

Measurements Made at Rating Flume

10-15	A. X. Johnson	30.2	2.02	1.61	117.0
4-15	H. H. Odell	30.2	2.15	2.70	186.4
4-24	do	41.6	2.69	1.32	112.4
5-6	do	25.5	3.16	.79	82.6
5-17	Guy C. Thatcher	32.2	1.98	1.68	114.4
5-26	H. H. Odell	37.9	1.91	1.29	94.4
6-12	do	5.0	.42	.64	5.5
8-19	do	46.2	2.60	2.54	129.0
8-18	Guy C. Thatcher	44.8	2.45	3.52	115.6
8-30	H. H. Odell	47.6	2.65	1.50	125.0
7-26	Guy C. Thatcher	51.4	2.71	1.66	139.5
7-17	H. H. Odell	52.5	2.65	1.68	139.0
7-23	H. C. Gleason	54.5	2.67	1.88	156.2
7-29	H. H. Odell	55.2	2.63	1.77	145.0
8-6	do	57.2	2.77	2.58	159.0
8-12	Guy C. Thatcher	56.0	2.52	1.53	125.0
8-19	H. H. Odell	49.0	2.72	1.56	124.0
8-26	Guy C. Thatcher	46.9	2.65	1.56	124.3
9-2	H. H. Odell	49.1	2.65	1.55	121.0
9-10	do	47.9	2.56	1.52	127.0

GERING CANAL—A-385

Diverted from North Platte River—Sec. 4-23-58 W.

Measurements Made at Rating Flume in End Landa.
NW 1/4, Sec. 29-22-55 W.

5-26	H. H. Odell	56.4	1.73	1.50	97.4
6-3	do	68.1	2.35	2.30	135.4
6-22	Fred Herzert	48.8	2.58	.49	67.9
6-21	H. H. Odell	47.0	1.83	.48	56.1
7-17	do	56.0	1.90	.36	108.0
8-5	do	67.5	1.96	1.25	134.0
8-15	do	58.8	1.94	.94	114.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Cfs.
GERLING CANAL—A-365					
Diverted from Melbeta Drain Sec. 24-21-54 W.					
Measurements Made at Lateral Headgate					
3-20	H. H. Odell	1.8	1.61		4.0
8-5	do	4.2	2.31		5.5
GOCHNAUER CANAL—A-2420					
Diverted from Big Bordeaux Creek Sec. 10-33-48 W.					
Measurements Made at Headgate					
8-22	E. S. Essex				0.8
7-20	do				4
GOTHENBURG DIVERSION CANAL—D-645a, D-645b					
Diverted from Platte River—Sec. 29-12-26 W.					
Measurements Made at Rating Flume Sec. 29-12-26 W.					
10-5	A. E. Johnston	75.0	2.41	1.95	188.1
10-22	do	129.7	3.25	2.32	418.7
10-30	do	132.6	3.08	2.35	407.9
11-28	do	74.5	2.27	1.94	176.4
1-3	A. W. Hall			1.90	20.0
1-25	A. E. Johnston			2.00	158.7
2-11	A. W. Hall	40.3	2.19	1.71	151.7
4-10	do	87.8	2.41	2.15	211.5
4-22	do	136.1	2.59	2.78	401.0
5-6	do	110.0	2.71	2.75	298.0
5-15	do	52.2	2.51	2.25	230.0
6-23	do	104.0	2.15	2.55	268.0
7-5	do	59.5	1.97	1.44	111.0
7-21	do	142.0	2.82	3.25	470.0
8-17	do	49.0	1.88	1.70	92.0
8-2	do	38.4	2.17	1.6	91.2
9-12	do	69.6	2.47	1.90	156.5
GOTHENBURG IRRIGATION CANAL—D-645b					
Diverted from Platte River and Sutherland Reservoir Sec. 29-12-26 W.					
Measurements Made at Rating Flume Sec. 29-12-26 W.					
10-5	A. E. Johnston				0.0
10-8	do	21.9	2.21	0.97	39.0
10-20	do	110.0	2.35	4.20	261.7
10-22	do	75.1	3.24	1.78	243.6
10-30	do	80.8	3.41	1.90	258.5
11-9	do				0
11-12	do	32.4	1.12	1.50	36.2
11-18	do	100.5	2.65	4.25	267.6

(Continued on next page.)

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
COFFENDING IRRIIGATION CANAL Completed					
4-10	A. W. Hall	36.7	1.74	1.41	46.2
4-22	do	37.5	2.45	3.85	242.5
5- 6	do	38.5	1.65	2.82	136.6
5-18	do	45.8	.87	1.45	44.5
5-25	do	44.4	1.15	1.49	51.0
6-13	do	75.9	1.05	.90	76.2
6-22	do	42.2	1.44	1.52	60.8
7- 7	do			1.59	5.0
7-24	do	118.5	3.25	4.29	267.0
8-12	do	5.6	1.53	.62	3.8
9- 2	do	4.4	1.20	.39	5.3
9-14	do	23.4	1.52	2.43	43.3

GRAF CANAL D-763R, D-761R, D-769Diverted from Blue Creek and Crescent Lake, A-1575—
Sec. 19-16-42 W.

Measurements Made at Rating Flume

10-27	A. E. Johnston	10.0	1.23	1.32	13.6
4-15	A. W. Hall	11.9	1.03	1.20	12.2
4-29	do	18.2	1.68	1.86	30.5
5-21	do	19.7	1.47	2.14	28.6
6-29	do	15.1	1.46	1.50	14.7
7-10	do	16.5	1.41	1.50	23.3
7-30	do	13.9	1.29	1.41	18.0
8-22	do	13.5	1.42	1.56	22.0
8-30	do	13.2	1.52	1.55	30.1

GUNDERSON CANAL D-305

Diverted from Lodgepole Creek Sec. 1-14-52 W

Measurements Made at Headgate

5-26	K. S. Moxa				0.0
6-30	do				0
8- 2	Easta-Hansen				0

HACKBERRY LAKE SUPPLY CANAL A-2269

Diverted from Gordon Creek Sec. 7-30-29 W.

Measurements Made below Headgate

3-14	A. E. Johnston				0.0
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HAGLER CANAL D-1025

Diverted from Republican River—Sec. 2-1-43 W.

Measurements Made at Headgate

8-26	A. E. Johnston				0.0
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HALL CANAL—D-478c					
Diverted from White River—Sec. 34-32-52 W.					
Measurements Made at Headgate					
5-16	K. S. Essex	5.4	1.02	0.69	7.2
6-22	do	..	..	..	0
7-17	do	..	..	..	0
7-25	do	5.5	1.27	.75	7.4
8-19	do	..	..	..	0
9-10	do	..	..	..	0
HALLOWAY-PHELPS CANAL—D-717					
Diverted from White Tail Creek—Sec. 38-15-38 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston	..	..	..	0.4
5-5	A. W. Hall	1.4	0.75	0.59	1.1
HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston	..	..	..	0.6
5-24	do	..	..	..	0
6-21	A. W. Hall	0.7	0.81	0.40	.6
HARRIS-COOPER CANAL—D-464a, D-464b, D-464c					
Diverted from White River—Sec. 26-32-52 W.					
Measurements Made at Headgate					
5-16	K. S. Essex	4.8	1.56	1.55	9.4
7-12	do	..	..	..	0
7-27	do	2.2	.76	.17	1.7
8-20	do	4.0	1.95	.45	7.5
9-11	do	5	.61	.10	.3
HARRIS-NEEDS CANAL—D-517, A-2275					
Diverted from Niagara River—Sec. 3-26-55 W.					
Measurements Made at Headgate					
5-18	K. S. Essex	6.2	2.55	..	14.8
7-15	do	6.2	2.01	..	8.6
8-21	do	6.3	2.17	..	12.7
9-15	do	5.6	1.63	..	10.5
HARTZELL CANAL—D-448					
Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.					
Measurements Made at Headgate					
5-17	K. S. Essex	7.1	0.79	..	1.6
8-22	do	..	..	..	0
7-22	do	..	..	..	0
8-19	do	..	..	..	0
9-13	do	..	..	..	0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge—CFS
HEARD CANAL—D-216					
Diverted from Pumpkinseed Creek—Sec. 14-29-54 W.					
Measurements Made at Headgate					
3-29	K. E. Essex				9.0
HIGH LINE CANAL—A-1642					
Diverted from Jam Creek—Sec. 13-33-57 W.					
Measurements Made at Headgate					
J 12	A. E. Johnson				9.0
HITSHAW, GEORGE CANAL—A-1260					
Diverted from Niobrara River—Sec. 6-28-52 W.					
Measurements Made at Headgate					
4-21	K. E. Essex				0.0
5-15	do				0
HOLLINGSWORTH CANAL—D-723					
Diverted from South Platte River—Sec. 7-13-58 W.					
Measurements Made at Rating Flume					
10-2	A. E. Johnson	8.8	1.41	1.75	9.6
10-24	do	9.5	1.52	1.85	22.5
11-6	do				0
12-14	do	7.5	1.44	1.20	4.0
4-26	A. W. Hall	7.6	1.27	.79	9.6
5-5	do	8.4	1.59	.85	20.8
5-20	do	4.2	1.45	.50	6.1
6-14	do	7.2	1.67	.50	7.7
8-22	do	1.0	1.15	.75	7.8
9-4	do	1.9	1.00	.52	4.0
HOPPER CANAL—D-781, D-782R					
Diverted from Blue Creek and Crescent Lake, A-1575—Sec. 6-18-42 W.					
Measurements Made at Rating Flume					
4-29	A. W. Hall	8.0	2.09	1.59	26.7
5-21	do	6.1	1.80	1.22	21.0
6-29	do	7.2	2.06	1.42	24.8
7-10	do	7.0	2.01	1.40	24.1
8-22	do	6.0	2.00	1.21	22.0
8-30	do	6.5	2.06	1.22	23.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HOOVER CANAL, D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
5-24	Essex Hanna				0.0
6-22	do	1.5	0.63	0.02	2.3
7-29	do				0
8-28	K. S. Essex				0
9-20	Essex Hanna	3.6	.67	1.12	3.8
HORSE CREEK CANAL, D-189, D-173					
Diverted from Horse Creek—Sec. 23-1-39 W.					
Measurements Made at Headgate					
8-10	K. S. Essex	0.5	1.01		0.3
9-3	do	.5	.63		.5
HOWARD CANAL, D-336, A-1645					
Diverted from Lodgepole Creek—Sec. 31-14-47 W.					
Measurements Made at Headgate					
5-28	K. S. Essex				0.0
7-2	do	4.4	0.50	1.57	2.7
8-3	Essex Hanna				0
8-23	K. S. Essex				0
9-22	do				0
HUGHES CANAL, D-987a, D-987b					
Diverted from Niobrara River—Sec. 1-26-52 W.					
Measurements Made at Headgate					
7-11	Essex-Rathussen				0.0
8-23	K. S. Essex	5.0	0.22		1.9
9-15	do				0
HURLEY-LILLY-POLLY CANAL, D-354					
Diverted from Lodgepole Creek—Sec. 26-15-56 W.					
Measurements Made at Rating Flume					
5-26	Essex-Hanna	3.5	0.60	0.75	2.5
6-29	do	4.5	.47	.91	2.1
7-30	Essex-Hanna	1.9	1.52	.38	3.0
8-26	K. S. Essex	1.5	1.27	.22	1.8
9-21	Essex Hanna	2.0	1.24	.46	3.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
INDEPENDENT CANAL D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W.					
Measurements Made at Headgate					
5-24	Roux-Dianna				0.0
6-23	do	1.9	0.68	....	1.3
7-29	do	..			.0
8-26	K. S. Eason				.0
9-20	do			..	.0
INMAN CANAL D-78, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W.					
Measurements Made at Rating Flume					
8-28	A. E. Johnston				0.0
8- 3	K. S. Eason	8.6	1.38	9.68	8.1
8- 4	do	....			.0
7- 6	do				.0
8 31	do		....		.0
9-28	do	11.3	.25	1.79	3.3
JANSSEN CANAL—A-2231					
Diverted from Pawnee Creek—Sec. 20-13-27 W.					
Measurements Made at Headgate					
10- 5	A. E. Johnston				0.0
7- 8	A. W. Hall	..			0
JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W.					
Measurements Made at Headgate					
7-15	Eason-Nadinsuon				0.0
8-22	K. S. Eason				0
9-14	do				.0
JOHNSON CANAL A-612					
Diverted from Lodgepole Creek—Sec. 23-13-45 W.					
Measurements Made at Headgate					
3- 2	A. E. Johnston				0.0
8 23	do	0.6	1.00		.6
7- 3	K. S. Eason			..	.0
8- 4	do		....		.0
8-30	do		....		.0
9-23	do		....		.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge per Sec.
JORDAN CANAL, A-541					
Diverted from Monroe Creek and Jordan Reservoir, A-541 - Sec. 13-33-56 W.					
Measurements Made at Headgate					
6-23	E. S. Essex	0.2	1.43		0.3
JORDAN CANAL, A-2032					
Diverted from Monroe Creek -Sec. 22-33-56 W.					
Measurements Made at Headgate					
6-23	E. S. Essex				0.0
JORDAN CANAL, D-556					
Diverted from Sow Belly Creek -Sec. 21-33-55 W.					
Measurements Made at Headgate					
6-22	E. S. Essex				0.0
7-19	do				0
KEARNY CANAL—D-1023, A-1577					
Diverted from Platte River and Sutherland Reservoir -Sec. 3-8-18 W.					
Measurements Made at Rating Flume North of Odessa -Sec. 33-9-17 W.					
10-6	A. E. Johnston				0.0
10-21	do				0
10-25	do	34.3	0.74	2.52	25.9
10-29	do	10.9	.82	3.50	20.0
10-31	do	19.6	.52	1.62	11.0
11-10	do	117.0	1.89	6.50	223.0
11-11	do	75.1	1.43	2.78	109.0
11-16	do	111.1	1.90	4.44	211.5
11-17	do	86.0	1.51	4.41	132.5
11-18	do	36.9	1.62	4.05	145.1
11-24	do	50.4	1.15	2.20	57.0
11-26	do	204.5	1.70	4.41	183.9
11-29	do	160.9	2.20	5.65	324.3
11-28	do	199.8	2.20	6.25	453.1
12-1	do	175.0	2.11	5.94	368.7
12- 9	Johnston-Hervert	124.2	1.48	5.27	182.9
12-16	A. W. Hall	130.6	1.62	5.85	236.0
12-30	do			2.05	10.0
1-25	A. E. Johnston	42.4	2.54		120.0
2-10	A. W. Hall	126.0	1.38	6.75	225.6
3-12	do	163.0	2.13	5.67	332.0
3-23	do	154.0	1.95	5.48	308.0
4- 7	do	149.7	2.14	5.56	321.4
5- 4	do	154.5	2.10	5.64	325.7
5-16	do	79.2	1.65	4.09	130.9
5-24	do	35.5	.81	2.55	32.9

(Continued on next page.)

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge—Sec.-ft.
KEARNEY CANAL—Continued					
6-12	A. W. Hall	181.5	2.28	6.17	238.1
6-24	do	146.0	1.85	5.14	240.5
7-7	do	7.9	.58	2.31	4.6
9-12	do	7.9	1.07	2.20	30.0
KETCH-LINCOLN COUNTY CANAL—D-722					
Diverted from North Platte River—Sec. 18-14-36 W. Measurements Made at Rating Flume					
10-2	A. E. Johnston	42.0	2.21	1.26	53.7
10-25	do				.0
3-7	A. W. Hall	42.2	2.30	1.29	58.7
5-20	do	41.0	2.14	1.30	57.8
6-9	do	26.5	1.29	.85	42.1
7-9	do	40.5	2.00	1.40	51.6
7-20	do	47.5	2.14	1.51	102.5
8-13	do	29.0	1.95	1.25	37.7
9-10	do	31.1	1.91	1.00	60.1
KELSO CANAL, A-2151, A-2278, A-2328, A-2456					
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W. Measurements Made at Pump					
7-20	K. S. Essex	0.4	2.74		1.0
8-13	do	.3	1.13		.3
KENT-BURKE CANAL, EAST—D-838					
Diverted from Pawnee Creek—Sec. 13-13-28 W. Measurements Made at Rating Flume					
10-5	A. E. Johnston	0.8	1.01		0.8
7-5	A. W. Hall				.0
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W. Measurements Made at Rating Flume					
10-5	A. E. Johnston				0.0
7-9	A. W. Hall				.0
KRYSTONE CANAL—D-730, A-682b, A-843, A-1003					
Diverted from White Tail Creek—Sec. 28-15-38 W. Measurements Made at Headgate					
10-1	A. E. Johnston	2.2	0.45	3.00	1.0
4-27	A. W. Hall	8.7	.41	1.41	7.0
7-7	do	2.9	.42	.56	3.2
5-24	do	2.9	.28	.58	2.2
7-30	do	7.0	.38	.81	6.3
8-14	do				.0
9-13	do	7.9	1.25	1.10	2.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec-ft
KIMBALL CANAL, NORTH A-507					
Diverted from Lodgepole Creek and Oliver Reservoir, A-897 Sec. 36-15-57 W.					
Measurements Made below Headgate					
6-29	Essex-Hanna	11.7	1.58	2.65	23.3
7-29	do	5.6	1.17	1.50	7.8
8-26	K. S. Essex	1.6	1.17	2.50	8.0
9-21	Essex-Hanna	9.6	1.08	2.10	18.6

KIMBALL CANAL, SOUTH A-897					
Diverted from Lodgepole Creek and Oliver Reservoir, A-897 Sec. 36-15-57 W.					
Measurements Made below Headgate					
6-29	Essex-Hanna	12.4	2.70	2.70	36.2
7-29	do	10.9	2.71	2.28	29.5
8-26	K. S. Essex	10.1	2.17	2.20	24.5
9-21	Essex-Hanna	1.4	3.31	.82	1.7

KINNEY CANAL, SOUTH D-345, D-350, A-718R, A-1828					
Diverted from Lodgepole Creek—Sec. 31-15-56 W.					
Measurements Made at Headgate					
6-25	Essex-Hanna	8.8	0.80	0.58	2.9
6-29	do	1.8	1.17	.61	1.1
6-29	do	2.2	1.13	.50	1.5
7-30	do	2.2	.82	.58	1.8
7-30	do	2.5	1.00	.61	2.5
8-26	K. S. Essex	2.2	1.17	.54	2.5
9-21	Essex-Hanna	2.2	.82	.53	1.8

KINNEY CANAL NO. 2, NORTH—D-348, A-718					
Diverted from Lodgepole Creek—Sec. 33-15-56 W.					
Measurements Made at Headgate					
5-25	Essex-Hanna	2.0	0.82	0.50	1.0
6-29	do	2.6	.84	.56	1.2
7-30	do	2.5	.61	.66	1.6
8-26	K. S. Essex	1.7	2.54	.47	.6
9-21	Essex-Hanna				0

KITE CANAL A-1375, A-1469, A-1470					
Diverted from Monroe Creek and Jordan Reservoir, A-1399 Sec. 13-33-56 W.					
Measurements Made at Headgate					
8-12	A. E. Johnston	2.1	1.66		3.5

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. Ft.
KRUEGER CANAL NO. 1 D-325, D-968					
Diverted from Lodgepole Creek—Sec. 29-14-48 W.					
Measurements Made at Headgate					
12-12	A. E. Johnston	14	1.14		1.6
3-22	do	3.0	1.24		3.7
7-1	K. S. Essex				0
8-28	do				.3
9-22	do				4.1
KRUEGER CANAL NO. 2 D-324					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
12-12	A. E. Johnston	1.9	1.10		2.1
1-22	do	2.6	.77		2
5-27	K. S. Essex	3.9	.75		3.0
7-1	do				0
8-2	Kawez-Hannon	2.9	1.24		3.6
8-28	K. S. Essex				0
9-22	do	3.8	1.03		3.4
KRUEGER CANAL NO. 3 D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
12-12	A. E. Johnston				0.0
3-22	do	0.8	0.51		.4
7-1	K. S. Essex	5.1	.54		2.9
8-2	Kawez-Hannon	5	1.95		1.6
8-22	K. S. Essex	8.4	.50		3.7
9-22	do				0
LaBELLE CANAL D-518, A-60					
Diverted from Niobrara River—Sec. 4-28-54 W.					
Measurements Made at Headgate					
6-18	K. S. Essex	7.7	1.59		2.5
7-15	do	10.0	.55		2.8
8-21	do	2.9	.41		1.7
LAKOTA CANAL D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
Measurements Made at Headgate					
1-18	Essex-Rasmussen	7.6	0.42		2.1
8-22	K. S. Essex	7.0	.75		1.5
9-24	do	7.7	.53		3.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
LAST CHANGE CANAL D-893					
Diverted from Pumpkinseed Creek—Sec. 27-19-50 W. Measurements Made at Rating Flume					
4-23	H. H. Dorel	10.1	0.81	1.05	8.4
5-12	A. W. Hall	4.6	.59	.44	4.1
6-26	Herrert-Mallett	4.1	1.47	1.17	11.9
7-2	A. W. Hall	7.6	.83	.96	6.3
7-21	Herrert-Mallett	2.0	.54	1.17	3.8
8-24	K. S. Ewers				.0
LEE CANAL D-873					
Diverted from Gordon Creek Sec. 8-29-33 W. Measurements Made at Headgate					
3-12	A. E. Johnston				0.0
LIBBY CANAL D-312					
Diverted from Lodgepole Creek Sec. 36-14-47 W. Measurements Made at Headgate					
7-2	K. S. Ewers	3.2	0.66		0.8
8-2	Eberz-Hansen				0
8-26	K. S. Ewers				.0
9-23	do				.1
LISCO CANAL D-787, D-858, A-243, A-991					
Diverted from North Platte River Sec. 14-18-47 W. Measurements Made at 40-Foot Weir Sec. 24-18-47 W.					
10-27	A. E. Johnston			0.33	25.5
4-21	H. H. Dorel	21.6	1.25	.36	29.5
8-22	do	24.5	1.21	.29	28.7
LOGAN CANAL D-902					
Diverted from Pumpkinseed Creek Sec. 7-19-53 W Measurements Made at Headgate					
8-25	K. S. Ewers	1.5	0.72		0.3
9-25	do				0
LONERGAN CANAL D-899					
Diverted from Lonergan Creek Sec. 17-13-39 W. Measurements Made at Headgate					
10-1	A. E. Johnston	1.3	1.46	0.16	1.5
3-27	A. W. Hall	.9	.90	.15	.8
4-15	do	2.2	2.60	.20	4.9
4-27	do	2.4	2.09	.40	4.8
5-8	do	2.4	1.67	.45	4.0
5-21	do	3.2	1.90	.42	4.2
7-31	do	3.0	1.97	.10	1.3
8-14	do	.8	.75	.09	.8
8-30	do	1.9	2.81	.15	4.4

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (Sec-ft)
LYONS CANAL, D-903					
Diverted from North Platte River—Sec. 30-17-44 W.					
Measurements Made at Rating Flume					
10-27	A. K. Johnston				0.0
5-29	A. W. Hall	18.6	0.95	1.30	14.7
5-27	do	12.8	.49	1.05	9.4
5-26	do	11.7	1.41	1.00	15.5
McAULIFFE CANAL, D-814					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
9-3	Knox-Hansen	1.1	0.25		0.3
9-31	K. S. Essex				.0
9-12	do				.1
McAULIFFE CANAL, A-1559					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
8-3	Evans-Hansen				0.0
8-30	K. S. Essex				.0
MCCARTHY CANAL, D-749					
Diverted from White Tail Creek—Sec. 30-15-38 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston	0.4	0.50	1.30	0.2
4-6	A. W. Hall	1.0	1.00		1.0
5-21	do	8	1.13		9
MCGADDEN CANAL—A-2142					
Diverted from Willow Creek—Sec. 14-14-33 W.					
Measurements Made at Headgate					
10-2	A. E. Johnston	0.6	1.05		0.7
10-24	do				0
MCFARLAND CANAL, D-980					
Diverted from White Clay Creek—Sec. 35-32-52 W.					
Measurements Made at 2-Foot Weir					
2-21	Knox-Hansen	0.9	0.70	0.12	0.5
MCGINLEY-STOVER CANAL, NORTH, D-513a					
Diverted from Niobrara River—Sec. 25-29-58 W.					
Measurements Made at Headgate					
7-15	Evans-Hansen	0.2	2.64		6.2
8-22	K. S. Essex				.0
9-14	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec.-ft.
MCGINLEY-STOVER CANAL, SOUTH D-313b					
Diverted from Niobrara River Sec. 25-29-56 W.					
Measurements Made at Headgate					
8-22	K. S. Essex				0.0
8-14	do				.0
MCINTOSH CANAL, D-351, A-734					
Diverted from Lodgepole Creek Sec. 23-15-55 W					
Measurements Made at Headgate					
5-25	K. S. Essex	2.6	1.37	1.22	4.4
6-29	Essex-Hanna	4.1	.85	1.36	3.5
7-21	K. S. Essex	5.4	.88	1.33	3.7
8-17	A. W. Han	5.3	.82	1.27	2.3
8-23	do	5.1	.80	1.51	2.7
9-21	Essex Hanna	5.0	.88	1.64	2.4
McLAUGHLIN CANAL, D-968					
Diverted from Lodgepole Creek Sec. 25-14-46 W.					
Measurements Made at Headgate					
8-26	K. S. Essex				0.0
9-22	do				1
McLAUGHLIN CANAL, D-566					
Diverted from Niobrara River Sec. 9-28-52 W.					
7-17	Essex-Rasmussen	9.4	2.16	2.10	1.5
8-21	K. S. Essex				.0
9-15	do	4.5	1.09		1.2
McMANNIS-NEELAND CANAL, D-463					
Diverted from Niobrara River Sec. 29-20-49 W.					
Measurements Made at Headgate					
8-17	K. S. Essex				0.0
MAHANVILLE CANAL, D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
Measurements Made at Headgate					
12-13	A. E. Johnson				0.0
8-23	do	1.4	0.28	2.36	2.3
8-3	K. S. Essex	8.0	.87	1.63	4.6
6-4	do				.0
7-4	do	9.6	.40	2.91	1.1
8-6	do	6.6	4.32	2.14	2.6
8-31	do	7.2	.40	2.37	3.1
9-25	do	9.6	.53	2.40	5.2

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
BEECKER CANAL—D-4, D-7, D-8, D-9					
Diverted from Republican River—Sec. 15-2-31 W.					
Measurements Made at Headgate					
5-6	K. S. Essex	15.2	1.21	1.35	18.5
6-6	do	..	..	..	0
7-8	do	20.0	1.54	1.32	30.8
8-8	do	15.8	1.50	1.55	23.7
9-2	do	17.5	1.62	1.64	26.5
9-20	do	16.1	1.70	1.81	27.3
MEREDITH-AMMER CANAL—D-976					
Diverted from Pumpkinseed Creek—Sec. 23-18-50 W.					
Measurements Made at Rating Flume					
4-24	A. W. Hall	1.2	0.93	0.20	1.0
7-2	do	5.1	1.34	.54	11.2
8-8	do	6.0	1.61	1.00	9.7
8-21	K. S. Essex	5.7	2.23	.95	12.7
9-24	do	..	..	.07	.5
MERIDIAN CANAL—D-458, A-468					
Diverted from Niobrara River—Sec. 25-29-50 W.					
Measurements Made at Headgate					
8-17	K. S. Essex	4.0	1.43	..	6.0
METTLEN CANAL—A-282, A-1249, A-2244					
Diverted from Niobrara River—Sec. 4-28-54 W.					
Measurements Made at Headgate					
8-21	K. S. Essex	..	..	..	0.0
8-26	do	5.0	0.77	..	4.3
MIDLAND-OVERLAND CANAL—D-789, D-791, D-800R					
Diverted from North Platte River—Sec. 2-16-44 W.					
Measurements Made at Rating Flume					
10-27	A. E. Johnston	13.6	1.47	2.00	25.8
11-4	do	8.4	.53	1.20	4.9
4-27	A. W. Hall	14.0	1.81	2.20	28.4
5-11	do	13.1	1.82	1.90	23.8
5-29	do	5.2	1.04	.74	5.4
6-16	do	7.5	1.55	1.21	12.4
6-29	do	11.0	1.72	1.45	18.9
7-30	do	6.8	1.62	.90	11.0
8-11	do	10.0	1.67	1.30	16.9
8-28	do	5.4	1.71	.73	9.2

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MIDLAND-OVERLAND CANAL LATERAL, D-789, D-793, D-800E					
Diverted from North Platte River Sec. 2-16-44 W.					
Measurements Made at Lateral Headgate 100 Feet above Rating Flume					
6-16	A. W. Hall	5.0	1.15		5.7

MILLER CANAL, D-740

Diverted from Skunk Creek Sec. 1-14-37 W.

Measurements Made at Headgate

10-1	A. E. Johnston	2.5	0.68		1.7
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MINATARK CANAL—D-919

Diverted from North Platte River Sec. 32-22-54 W.

Measurements Made at Waste Gate

10-13	A. E. Johnston				0.0
4-26	H. H. Odell	1.2	0.52	0.44	.6
5-17	do	52.5	1.63	2.21	85.5
5-21	do	45.0	1.60	1.94	70.2
5-17	do	41.8	1.50	1.97	66.9
1-2	do	46.0	1.47	2.24	66.5
2-20	do	63.4	1.72	2.80	109.0
7-5	do	59.3	1.48	2.23	87.9
4-20	do	39.3	1.52	1.66	60.5
7-8	do	29.4	1.60	1.71	47.0
9-23	do	34.0	1.25	2.32	27.0

MITCHELL CANAL.

Diverted from North Platte River Sec. 10-23-60 W., Wyoming

Measurements Made at Rating Flume

10-15	A. E. Johnston	74.0	2.20	1.80	162.9
4-22	Blush-Rice			.70	69.0
4-26	L. K. Rice			.58	55.0
4-28	H. H. Odell	59.9	1.83	1.12	99.0
4-28	L. K. Rice			1.14	104.0
5-6	H. H. Odell	33.9	2.06	1.67	152.6
5-7	H. W. Higby			1.72	154.0
5-20	do			1.60	148.0
5-13	do			1.53	124.0
5-24	do			1.55	125.0
5-26	H. H. Odell	65.6	2.23	2.23	191.0
5-31	H. W. Higby			2.02	182.0
6-12	H. H. Odell	33.2	1.53	1.0	51.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MITCHELL CANAL—Continued					
6-15	H. W. Higby	.	.	1.24	90.0
6-15	H. H. Odell	57.7	2.02	1.45	127.0
6-15	H. W. Higby	.	.	1.45	126.0
6-24	Higby-Illoe	.	.	1.50	151.0
6-29	H. W. Higby	.	.	1.09	187.0
6-30	H. H. Odell	50.0	2.55	2.10	185.0
7-1	L. K. Rice	.	.	2.24	192.0
7-4	H. W. Higby	.	.	1.74	190.0
7-15	do	.	.	2.10	196.0
7-16	H. H. Odell	50.7	2.17	2.10	197.0
7-22	L. K. Rice	.	.	1.50	170.0
7-23	H. H. Odell	92.0	2.21	2.10	194.0
8-6	H. W. Higby	.	.	1.73	168.0
8-11	H. H. Odell	25.6	2.19	1.67	173.0
8-17	do	21.9	2.25	1.59	167.0
8-20	H. W. Higby	.	.	1.57	165.0
8-26	do	.	.	1.83	165.0
9-2	H. H. Odell	4.8	1.35	.04	6.5
9-16	do	.	.	1.02	2.5
MONROE CANAL, BIG D-506, A-2372					
Diverted from Monroe Creek—Sec. 33-33-56 W.					
Measurements Made at Headgate					
3-23	A. E. Johnston	.	.	.	0.0
5-15	K. S. Essex	1.4	1.20	.	1.7
6-23	do	.	.	.	.0
7-29	do	.	.	.	.0
8-14	do	.	.	.	.5
MONTGOMERY CANAL—D-559					
Diverted from Saw Belly Creek—Sec. 21-33-53 W.					
Measurements Made at Headgate					
6-23	K. S. Essex	.	.	.	0.0
7-19	do	.	.	.	.0
MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
Measurements Made at Headgate					
7-17	Roux-Iggumussen	7.0	1.06	1.35	7.4
8-21	K. S. Essex	.	.	.	0
9-15	do	.	.	.	0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MUTUAL CANAL, D-843					
Diverted from Trumpkinseed Creek—Sec. 23-18-52 W.					
Measurements Made at Headgate					
1-11	A. W. Hall	3.7	1.31		4.2
4-22	H. H. Odell	6.2	.92		5.7
5-12	A. W. Hall	4.0	1.5	0.80	4.4
7-2	do	3.1	1.38	.76	4.3
1-25	K. S. Evers	4.4	.92		2.3
9-24	do	2.2	1.82	.67	2.9
9-26	do	2.2	1.12	.58	3.6
NASLAND CANAL, A-681					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
Measurements Made at Headgate					
3-28	A. E. Johnson				0.0
NEUMAN CANAL, NO. 2, A-565					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
7-2	K. S. Evers	0.9	0.75		0.6
8-4	do	2.9	1.34		3.9
9-28	do	8	2		16
NEUMAN CANAL, A-611, A-1445					
Diverted from Lodgepole Creek—Sec. 20-13-46 W.					
Measurements Made at Headgate					
1-28	A. E. Johnson				0.0
5-20	K. S. Evers	2.4	0.65		1.6
7-3	do	2.4	.54		1.3
8-4	do	2.4	.25		.6
5-20	do	1.6	2.74		.6
9-28	do				.0
NINE MILE CANAL, D-925					
Diverted from North Platte River—Sec. 13-21-54 W.					
Measurements Made at Rating Flume—Sec. 16-21-53 W.					
10-2	M. C. Boyer				2.3
10-13	A. F. Johnson	26.1	1.21	1.95	31.5
4-26	H. H. Odell	23.0	1.07	1.92	24.7
5-11	do	26.2	1.36	2.25	36.3
6-10	do	24.3	1.54	2.18	37.9
8-17	do	29.0	1.62	2.36	47.4
7-9	do	25.6	1.55	2.14	39.7
7-20	do	35.6	1.82	2.12	64.9
8-4	do	35.2	1.98	2.63	62.7

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Sec.-ft.
NINE MILE CANAL—Continued					
6-20	H. H. Odeh	15	0.90	1.18	15
8-27	do	29.0	1.81	2.57	57.5
9-5	do	26.7	1.58	2.18	42.1
9-22	do	25.8	1.63	2.07	43.1

NORTH PLATTE CANAL D-835
 Diverted from North Platte River Sec. 13-14-34 W.
 Measurements Made at Rating Flume

10-7	A. E. Johnston			1.15	5.0
10-23	do				.0
5-7	A. W. Hall	50.1	2.78	1.79	129.0
5-26	do	63.4	3.07	2.00	193.0
5-27	do	43.5	3.10	2.00	184.0
6-15	do	28.6	2.23	.75	53.4
6-26	do	66.9	3.36	2.14	205.6
7-5	do	29.0	3.74	.81	99.6
7-20	do	61.8	3.16	2.73	195.0
8-13	do	65.5	3.36	2.17	220.0
8-20	do	45.8	3.14	1.45	139.0
9-1	do	59.6	3.15	1.94	188.0

NORTHPORT CANAL A-768
 Diverted from North Platte River and Pathfinder Reservoir
 Sec. 2-23-59 W.

Measurements Made at Red Willow Rating Flume Sec. 14-21-51 W.

5-22	H. H. Odeh	97.5	1.51	2.27	150.0
6-15	Guy Thatcher			1.62	100.1
6-15	Herbert Mallett	71.8	1.79	1.75	92.2
6-15	A. W. Hall	73.0	1.48	1.67	116.8
7-10	H. H. Odeh	95.7	1.82	2.24	174.0
8-10	do	112.0	2.09	2.79	234.0
9-25	do	61.2	1.12	1.31	71.6

NORTH RIVER CANAL D-7878 D-5018, A-243
 Diverted from North Platte River Sec. 24-16-47 W.
 Measurements Made at 40-Foot Weir

10-27	A. E. Johnston				6.0
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OSBERGFIELDER CANAL D-306
 Diverted from Lodgepole Creek Sec. 31-14-46 W.
 Measurements Made at Headgate

7-2	K. S. Kover				6.0
8-3	Kover-Hansen				.5
8-28	K. S. Kover				6

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Section
OBERFELDER CANAL—D-333					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
7-2	K. S. Evers				0.0
8-3	Ernst Hansen				0
OBERFELDER CANAL—D-307					
Diverted from Springs Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
7-2	K. S. Evers				0.0
8-3	Ernst Hansen				0
8-28	K. S. Evers				1
O'DONNELL CANAL, A-432, A-2036					
Diverted from Big Bordeaux Creek—Sec. 8-21-45 W.					
Measurements Made at Headgate					
3-20	A. E. Johnston				0.0
6-27	K. S. Evers				0
7-20	do	7.8	0.37		2.7
8-19	do	1.6	.38		.6
9-12	do	5	1.00		5
OLD SOW BELLY CANAL—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-53 W.					
Measurements Made at Headgate					
3-12	A. E. Johnston				0.0
6-23	K. S. Evers				1.0
7-19	do	2.2	0.82		1.8
8-14	do	1.2	.97		1.1
ORCHARD-AT-PALPA CANAL—D-627					
Diverted from Platte River and Sutherland Reservoir—Sec. 8-10-24 W.					
Measurements Made at Rating Flume					
10-6	A. E. Johnston				0.0
10-20	do	60.6	1.54	2.90	107.6
10-29	do	63.3	1.34	3.90	120.7
12-9	do				0
11-12	do	53.7	1.82	3.40	97.9
1-10	A. W. Hall	34.8	1.76	66	119.0
4-22	do	30.7	1.52	1.50	46.6
5-5	do	32.0	1.39	1.74	44.4
5-26	do	19.6	1.21	.97	23.8
5-28	do	9.2	.98	.20	9.1
6-13	do	19.9	1.41	1.30	27.1
6-23	do	21.3	1.14	1.13	25.1
7-13	do	50.6	1.73	3.02	87.8
8-12	do	40.1	1.28	2.24	52.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. 35
OSHKOSJI CANAL—D-797, A-243					
Diverted from North Platte River—Sec. 53-17-44 W.					
Measurements Made at Rating Flume					
10-27	A. E. Johnston	.	.	..	0.0
5-31	A. W. Hall	8.4	1.41	1.36	8.4
5-29	do.	10.1	.52	1.40	6.3
6-27	do.	19.7	.74	2.49	14.0
8-26	do.	22.4	1.57	1.54	21.9

OTTER CREEK CANAL—D-1032, A-1, A-1158, A-1240
 Diverted from Otter Creek—Sec. 5-15-40 W.

Measurements Made at Headgate

10-1	A. E. Johnston	2.1	1.29	1.61	6.6
4-27	A. W. Hall	8.0	1.13	1.72	6.9
5-31	do.	14.0	1.47	2.59	11.5
7-30	do.	3.6	1.11	1.25	4.0
8-14	do.	4.1	.59	1.21	2.4

OWASCO CANAL—D-347, A-725

Diverted from Lodgepole Creek—Sec. 29-15-55 W.

Measurements Made at Rating Flume

6-23	K. S. Essex	2.3	0.87	0.20	1.3
6-29	do.	3.2	1.41	.47	4.5
7-30	Roux-Janna	2.4	1.23	.32	3.2
8-17	A. W. Hall	10.0	1.06	.55	10.0
8-27	K. S. Essex	3.4	2.01	.42	6.9
9-23	do.	2.9	1.31	.31	3.9

OWASCO CANAL, BAY STATE LATERAL—D-347

Diverted from Lodgepole Creek—Sec. 29-15-55 W.

Measurements Made out of Owasco Canal

5-25	K. S. Essex	0.5	0.85	0.25	0.7
6-20	Roux-Janna	1.1	.54	.00	1.3
7-21	K. S. Essex	.7	1.12	.14	.8
7-31	do.	1.0	1.10	.28	1.3
8-22	do.	1.5	1.07	.42	1.8
9-21	Roux-Janna	1.1	.91	.32	1.0

OX YOKI CANAL—D-447

Diverted from Ash Creek—Sec. 29-32-50 W.

Measurements Made at Headgate

7-23	Essex-Rustadson	.	.	.	0.0
8-20	K. S. Essex	.	.	.	0
9-17	do.	.	.	.	0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Ways Belong	Discharge Sec.-ft.
PAISLEY CANAL—D-600, A-515, A-1738					
Diverted from Blue Creek and Crescent Lake, A-1575 Sec. 28-17-42 W.					
Measurements Made at Rating Flume					
10-27	A. E. Johnston	8.8	1.61	1.70	14.2
11- 2	do	8.9	1.71	1.60	13.7
4-29	A. W. Hall	6.1	1.95	.70	11.9
5-21	do	5.6	2.15	.63	11.1
6-18	do	5.1	1.96	.62	9.3
7-30	do	4.1	1.91	.91	6.8
PARKS CANAL A-1202, A-1444, A-1555					
Diverted from Republican River Sec. 20-1 39 W.					
Measurements Made at Headgate					
3-26	A. E. Johnston				0.0
7-10	K. S. Brown				0
5-10	do				0
9- 4	do	4.0	1.12		4.5
PATRICK CANAL D-725					
Diverted from Sand Creek—Sec. 10-15-40 W.					
Measurements Made at Headgate					
10- 3	A. E. Johnston				0.0
PAXTON-HERSHEY CANAL D-853					
Diverted from North Platte River Sec. 18-14-33 W.					
Measurements Made at Rating Flume					
10- 2	A. E. Johnston	36.0	2.95	1.38	107.6
10- 9	do	27.0	2.91	1.45	80.1
10-23	do				0
4-26	A. W. Hall	23.2	2.95	1.22	69.1
5- 7	do	22.4	2.94	1.20	65.6
5-20	do	15.3	3.1*	.85	45.7
5-27	do	36.0	2.56	1.37	103.1
6-15	do	25.3	3.01	1.25	75.9
6-26	do	36.0	3.14	1.42	81.9
7- 0	do	13.7	.46	.74	6.3
7-20	do	35.0	3.27	1.52	108.2
8-13	do	4.7	2.76	.46	22.6
9- 4	do	23.7	3.29	1.65	97.6
9-10	do	34.1	1.92	1.02	65.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec.-ft.
PERSINGH CANAL, D-207					
Diverted from Lodgepole Creek Sec. 33-14-46 W.					
Measurements Made at Headgate					
12-11	A. E. Johnston	3.5	1.15		6.3
3-1	do	3	1.75		5.3
3-22	do	16	55		3.3
7-2	K. S. Easa	8	.75		.6
8-3	Easek Hansen				.0
8-30	K. S. Easa				0
9-23	do	6	.26		.3
PETERS CANAL—D-913					
Diverted from Pumpkinseed Creek Sec. 2-19-56 W.					
Measurements Made at Headgate					
8-25	K. S. Easa	1.2	1.67		0.8
PHILAN CANAL, D-138, A-1609, A-2246					
Diverted from Rock Creek Sec. 17-1-39 W.					
Measurements Made at Headgate					
7-8	A. E. Johnston				0.0
7-10	K. S. Easa				.0
PIONEER CANAL, NORTH, D-442a					
Diverted from Niobrara River Sec. 36-29-51 W.					
Measurements Made at Headgate					
7-17	Easek Rasmussen	10.7	2.47		5.0
8-17	K. S. Easa	7.7	1.10		7
PIONEER CANAL, SOUTH—D-442b					
Diverted from Niobrara River Sec. 31-29-51 W.					
Measurements Made at Headgate					
7-17	Easek Rasmussen	10.8	0.22		1.4
8-17	K. S. Easa				.0
POMEROY CANAL—A-723					
Diverted from Lodgepole Creek Sec. 15-14-51 W.					
Measurements Made at Headgate					
5-18	K. S. Easa	2.1	0.52		1.1
6-20	do				.0
8-3	Easek Hanna				.0
8-27	K. S. Easa				.0
9-23	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge—Sec.-ft.
PREMIER CANAL D-340					
Diverted from Lodgepole Creek Sec. 3-14-58 W.					
Measurements Made at Headgate					
5-24	Essex Hanna				0.0
6-25	do.				.0
7-29	do.				.0
8-26	K. E. Mason				.0
9-20	Essex Hanna				.0
RADCLIFFE CANAL NO. 1 D-1034a					
Diverted from Cedar Creek Sec. 29-15-48 W.					
Measurements Made below Headgate					
6-26	H. H. Odell	2.6	2.16		5.6
RAMSHORN CANAL D-918R, D-945					
Diverted from North Platte River Sec. 18-23-57 W.					
Measurements Made at Rating Flume Sec. 19-23-57 W.					
5-20	H. H. Odell	4.1	0.64	1.75	2.6
6-3	do.	5.1	.51	.26	4.2
6-23	do.	22.7	.53	.61	17.3
7-17	do.	22.9	.55	.80	17.5
7-29	do.	19.1	.33	.36	5.3
8-12	do.	32.7	.73	.66	23.6
8-26	do.	17.5	.33	.23	5.8
9-9	do.	16.9	2.54	.26	4.2
9-24	do.	11.7	.36	.17	2.1
RASHER CANAL D-467, A-456, A-534					
Diverted from White River Sec. 19-32-51 W.					
Measurements Made at Headgate					
7-21	Knox-Harmonson				0.0
8-20	K. S. Knox				.0
RIVERSIDE CANAL D-18, A-167a					
Diverted from Frenchman River Sec. 33-4-32 W.					
Measurements Made at Headgate					
5-8	K. S. Knox	24.1	1.09	...	26.2
6-4	do.			...	.0
7-3	do.	9.0	1.21	0.49	9.7
9-1	do.	12.4	1.23	...	15.2
9-30	do.	13.3	1.25	1.12	18.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gate Height	Discharge Sec.-ft.
ROUND HORN RCHNL CANAL D-884					
Diverged from Pumpkinseed Creek—Sec. 29-19-51 W					
Measurements Made at Rating Flume					
7-2	A. W. Hall	2.0	0.85	0.62	1.6
8-24	K. S. Essex				0
RUNGE CANAL, NO. 1—D-338					
Diverged from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements Made at Headgate					
5-26	K. S. Essex	2.5	0.76		1.9
8-7	do	2.8	.80		1.1
8-1	do	3.0	1.00		3.0
8-22	do				.0
RUNGE CANAL NO. 2—D-339					
Diverged from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements Made at Headgate					
9-21	K. S. Essex				0.0
RUSH CREEK CANAL D-502					
Diverged from North Platte River—Sec. 2-17-46 W					
Measurements Made at Rating Flume					
6-21	A. W. Hall				0.0
7-17	do	4.4	0.27	0.75	1.2
RUTTNER CANAL, NEW D-350R, A-727, A-857, A-868					
Diverged from Lodgepole Creek—Sec. 30-15-37 W.					
Measurements Made at Headgate					
12-11	A. E. Johnston	1.6	1.25	0.45	2.0
5-24	Essex-Hanna	2.6	.77		2.0
8-29	do	1.5	.80	.31	1.2
7-26	do	1.7	.95	.45	1.9
6-24	K. S. Essex	1.2	1.50	.30	1.8
9-20	Essex-Hanna	4	1.12	.19	.9
9-21	do	1.4	1.37	.30	2.2
RUTTNER CANAL—A-908					
Diverged from Lodgepole Creek—Sec. 30-14-47 W.					
Measurements Made at Headgate					
5-25	K. S. Essex	1.6	0.88		1.4
7-2	do	2.4	.47		1.0
7-20	Essex-Hanna	1.9	.95	0.47	1.8
8-3	do				.0
8-28	K. S. Essex				0
9-22	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SAND CREEK CANAL, EAST A-974					
Diverted from Gravel Creek Sec. 9-14-36 W.					
Measurements Made below Headgate					
10-1	A. E. Johnston	12	1.91		1.3
SAND CREEK CANAL, WEST A-974					
Diverted from Gravel Creek Sec. 9-14-36 W.					
Measurements Made below Headgate					
10-1	A. E. Johnston				0.6
SCHAEFER RESERVOIR SUPPLY CANAL A-2306					
Diverted from Sow Belly Creek Sec. 7-12-55 W.					
Measurements Made at Headgate					
3-22	A. E. Johnston	15	0.91		0.9
SCRIPPER CANAL A-2398					
Diverted from Clear Creek Sec. 32-16-41 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston				0.0
10-24	do	1.9	1.35		2.9
11-5	do	2.1	.87		1.2
SHELDON CANAL A-493					
Diverted from East Ash Creek Sec. 30-32-50 W.					
Measurements Made at Headgate					
7-21	Essex Runkles				0.1
SHEPHERD CANAL A-1965					
Diverted from Squaw Creek Sec. 36-34-57 W.					
Measurements Made at Headgate					
3-12	A. E. Johnston	0.5	1.71		0.3
5-23	H. S. Essex				0
5-19	do				0
SHERIDAN-WILSON CANAL D-710					
Diverted from North Platte River Sec. 20-14-35 W.					
Measurements Made at Headgate					
10-2	A. E. Johnston	6.3	1.35	1.00	8.5
10-23	do				.0
5-7	A. W. Wash	4.5	2.12	.61	10.2
5-20	do	5.1	2.39	.80	15.3
6-26	do	2.8	1.27	.34	3.6

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

<u>Date</u>	<u>Hydrographer</u>	<u>Area of Section</u>	<u>Mean Velocity</u>	<u>Stage Height</u>	<u>Discharge Section</u>
SHERIDAN-WILSON CANAL—Continued					
7-9	A. W. Hall	4.4	2.96	3.61	9.9
7-20	do	4.0	2.66	3.5	12.8
8-11	do	2.4	1.80	3.0	4.6
8-27	do	6.6	2.65	3.5	14.2
9-4	do	7.8	2.47	1.6	16.2
9-10	do				.0
SHILTS CEDAR CREEK CANAL—D-507					
Diverted from Cedar Creek—Sec. 35-33-56 W.					
Measurements Made at Headgate					
6-23	K. S. Essex				6.6
SHILTS PRAIRIE DOG CANAL—D-508					
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.					
Measurements Made at Headgate					
6-28	K. S. Essex				9.9
SHORT LINE CANAL—D-946					
Diverted from North Platte River—Sec. 25-21-53 W.					
Measurements Made at Headgate					
10-13	A. E. Johnson				6.0
11-4	M. C. Boyer			0.76	1.0
5-11	U. H. Gault	16.1	1.40	1.20	22.5
5-22	do	17.1	1.63	1.19	24.7
6-7	do			.29	2.0
6-17	do	19.0	1.66	1.39	25.4
7-2	do	17.2	1.27	1.18	21.9
7-13	do	22.4	1.33	1.76	33.7
7-31	do	26.3	1.11	2.06	21.4
8-10	do	27.3	.81	2.01	22.1
8-23	do	1.0	.55	.56	.6
8-27	do	14.4	1.45	1.56	20.9
9-5	do	5.9	.78	.62	3.4
9-21	do	5.0	.84	.95	4.2
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 18-16-43 W.					
Measurements Made at Headgate					
10-27	A. E. Johnson	7.7	0.53	1.92	6.8
11-4	do	10.8	.69	2.25	7.5
6-15	A. W. Hall	5.3	.58	1.73	3.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
SIMONS CANAL A-2363					
Diverted from Little Cottonwood Creek Sec. 9-32-51 W.					
Measurements Made at Headgate					
5-17	E. S. Estey	10	0.28		0.1
6-21	do				.0
7-29	do				0
8-19	do				0
SIX MILE CANAL—D-680					
Diverted from Platte River and Sutherland Reservoir Sec. 11-11-26 W.					
Measurements Made at Rolling Flume					
10-6	A. E. Johnston				0.0
10-20	do				.0
10-22	do				.0
10-30	do	11.0	1.27	1.50	15.1
11-11	do				.0
12-7	do	10.4	1.19	1.25	12.4
4-10	A. W. Hall				.0
4-22	do				.0
SKUNK CREEK CANAL—A-908					
Diverted from Skunk Creek—Sec. 8-14-26 W.					
Measurements Made below Headgate					
10-1	A. E. Johnston				0.0
SLATTERY CANAL D-543, A-1683					
Diverted from Jim Creek and Chaldonia Reservoir, A-1690 Sec. 13-33-57 W.					
Measurements Made at Headgate					
3-12	Johnston-Thompson				0.0
6-21	E. S. Estey	11	0.26		.1
7-19	do	8	.16		.1
9-14	do				.0
SMITH-WHEELER CANAL D-842					
Diverted from Dimpkford Creek Sec. 26-19-51 W.					
Measurements Made at Headgate					
7-2	A. W. Hall	2.1	0.67	1.10	1.4
8-24	E. S. Estey	2.9	.49	1.45	1.9
9-24	do	4.5	.71	1.45	2.5

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gate Height	Discharge—Sec-ft.
SOEHL CANAL, EAST—D-607a, D-699					
Diverter from Lonergan Creek Sec. 17-15-39 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston				0.0
4-25	A. W. Hall				0
5-8	do.	2.1	1.50	0.90	1.0
5-21	do.	1.9	1.58	.95	3.0
SOEHL CANAL, WEST D-607b					
Diverter from Lonergan Creek Sec. 17-15-39 W.					
Measurements Made at Headgate					
10-1	A. E. Johnston	3.9	1.31		5.9
5-8	A. W. Hall				0
SOLDIER CREEK CANAL					
Diverter from Soldier Creek Near Ft. Robinson Sec. 18-31-52 W.					
Measurements Made at Headgate					
5-19	K. E. Essex	1.4	0.74		1.0
6-21	do.				0
7-20	do.	1.2	2.33		2.5
8-20	do.	1.6	.69		1.1
9-13	do.	2.0	.48		1.9
SPOHN CANAL—D-601					
Diverter from North Platte River—Sec. 13-17-45 W.					
Measurements Made at Rating Flume					
10-29	A. E. Johnston				0.0
4-8	A. W. Hall	19.1	1.06	2.20	20.6
6-29	do.	14.4	.37	1.91	3.3
STAFFORD CANAL, A-2114					
Diverter from Willow Creek Sec. 15-14-35 W.					
Measurements Made at Headgate					
10-2	A. E. Johnston	0.7	1.28		0.9
10-23	do.	.8	1.60		.9
11-6	do.	.8	1.60		.5
11-14	do.	.8	1.62		1.5
STUART BROTHERS CANAL, NORTH A-8					
Diverter from Little Cottonwood Creek Sec. 18-32-52 W.					
Measurements Made below Headgate					
5-16	K. E. Essex	1.4	0.83		1.2
8-21	do.				.0
8-19	do.				.0
9-13	do.				.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge— Sec. Ft.
STUART BROTHERS CANAL, SOUTH A-8					
Diverted from Little Cottonwood Creek—Sec. 17-32-52 W.					
Measurements Made at Headgate					
6-21	K. S. Essex				69
8-19	do				9
9-11	do				6

STUART, THOMAS CANAL (See Thomas Stuart Canal)

STUMPH CANAL- D-447R, D-1023¹/₂					
Diverted from East Ash Creek Sec. 31-32-50 W.					
Measurements Made at Headgate					
7-21	Essex-Rochester				99
8-20	K. S. Essex				9
9-12	do				0

SUBURBAN CANAL D-662					
Diverted from North Platte River Sec. 12-14-33 W					
Measurements Made at Rating Flume					
10- 2	A. W. Hartz	21.4	2.75	1.12	55.5
10-23	do				4.5
5- 1	A. W. Hartz	19.8	3.34	.59	36.1
5-19	do	20.7	3.59	.57	33.0
5-27	do	21.6	3.44	1.10	74.2
6-14	do	17.2	2.97	.87	31.1
6-22	do	22.0	3.18	1.10	70.0
7- 9	do	17.0	3.28	.90	37.0
7-20	do	12.1	3.07	.45	37.2
7-29	do	26.8	3.45	1.44	92.9
8-11	do	19.6	3.79	.96	61.2
9- 1	do	20.0	3.21	1.10	64.6

SUBURBAN CANAL D-682 (O. D. A-2648)					
Diverted from Lincoln County Drain No. 1 Sec. 29-14-31 W.					
Measurements Made below Headgate					
6-11	A. W. Hartz	5.0	1.58	0.77	5.9
6-26	do	8.8	1.79	1.39	17.6
7- 9	do	10.6	1.61	1.45	19.9
7-30	do	12.9	1.95	1.65	25.2
7-28	do	14.8	2.04	1.95	30.1
8-13	do	15.6	1.85	2.00	30.4
9- 1	do	14.5	2.00	1.93	29.6

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge—Sec. ft.
SUTHERLAND RESERVOIR SUPPLY CANAL—A-2350, A-2352 A-2353, A-2361					
Diverted from North Platte River—Sec. 7-14-37 W.					
Measurements Made at Gaging Station					
10-1	A. E. Johnston				0.0
10-5	do	213.0	1.90	5.20	426.0
10-6	do	273.5	2.10	6.35	553.0
10-13	do	543.0	1.83	10.75	1542.0
11-14	do	554.0	2.64	10.90	1467.0
11-17	do	567.3	2.51	10.85	1381.6
11-23	do	310.7	1.70	6.90	567.6
12-3	Johnston-Deplutte	351.0	4.00	11.25	1481.3
12-18	A. W. Hall	525.5	2.70	11.75	1401.5

THIRTY MILE CANAL—A-1853, A-1976, A-2077
Diverted from Platte River and Sutherland Reservoir
Sec. 30-12-36 W.

Measurements Made at Rating Flume

10-5	A. E. Johnston				0.0
10-30	do	90.9	3.5	4.47	325.0
11-11	do	72.0	1.26	3.61	255.0
11-22	do	72.0	3.20	3.54	237.0
12-1	do	60.0	3.0	2.95	191.9
4-10	A. W. Hall	51.2	3.03	2.54	158.0
4-22	do	85.7	3.39	4.25	290.7
5-6	do	56.0	3.01	2.60	167.0
5-15	do	47.6	2.88	2.60	117.0
5-26	do	21.0	2.83	1.04	50.4
6-13	do	26.0	2.69	1.30	69.9
6-23	do	32.0	2.88	2.58	150.0
7-24	do	42.0	3.51	4.45	314.3
7-27	do	11.0	2.37	.85	26.2

THOMAS CANAL—A-1748
Diverted from Big Hornaux Creek—Sec. 34-34-48 W.
Measurements Made at Headgate

6-22	K. S. Essex				0.0
7-20	do				.0

THOMAS CANAL—A-2057
Diverted from East Ash Creek—Sec. 19-32-50 W.
Measurements Made at Headgate

7-21	Essex-Thomasson				0.0
8-20	K. S. Essex				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
THOMAS STUART CANAL, D-425					
Diverted from Little Cottonwood Creek—Sec. 6-32-52 W.					
Measurements Made at Headgate					
7-17	K. S. Kees				0.0
TOBIN CANAL, D-330					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
Measurements Made at Headgate					
8-1	A. E. Johnston	2.0	1.0		1.0
8-28	K. S. Kees	7	.40		.3
7-2	do	15	.32		.5
8-3	Kees-Hanna				.6
8-28	K. S. Kees				.6
9-23	do				.0
TRACY CANAL, A-970					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
5-24	Kees-Hanna	2.4	6.43		1.5
6-28	do	1.0	.28		.3
7-29	do				.6
8-26	K. S. Kees	9	.24		.2
9-29	Kees-Hanna	1.0	.22		.2
THINNER CANAL, D-949, A-1551					
Diverted from Greenwood Creek—Sec. 28-18-50 W.					
Measurements Made at Headgate					
6-26	Hervert-Mallett	2.5	1.46		5.1
TRI-STATE CANAL, D-918, A-660, A-768					
Diverted from North Platte River and Duchinder Reservoir					
Sec. 3-23-58 W.					
Measurements Made at Faling Flume—Sec. 18-23-57 W.					
4-28	H. B. Odell	24.9	1.03	5.60	25.6
5-14	do	125.8	2.22	4.53	719.0
5-17	Guy C. Thatcher	250.0	2.51	2.20	650.0
5-21	do	434.0	2.09	7.72	1052.0
5-26	do	392.0	2.51	7.64	1008.0
5-27	do	407.0	2.62	7.53	1041.0
5-27	H. B. Odell	402.0	2.52	7.94	1010.0
6-6	do	195.0	1.83	4.42	356.0
6-1	A. W. Hall	245.0	2.16	5.25	521.0
6-10	Guy C. Thatcher	304.0	2.02	4.68	418.0
6-10	do	265.0	1.92	4.66	408.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydro-grapher	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
TRI-STATE CANAL. Continued					
6-12	H. H. Odell	360.0	2.22	5.56	578.0
6-18	do	357.9	2.54	5.15	906.0
6-28	Guy C. Thatcher	360.0	2.56	7.25	932.0
6-24	H. H. Odell	408.0	2.78	8.70	1140.0
6-30	do	415.0	2.72	8.15	1130.0
7-6	do	374.0	2.64	7.62	968.0
7-17	do	408.7	2.72	8.14	1110.0
7-19	Guy C. Thatcher	411.0	2.66	8.06	1052.0
7-24	H. H. Odell	425.0	2.64	8.20	1120.0
7-30	do	405.0	2.72	8.18	1110.0
8-6	do	355.0	2.51	7.72	977.0
8-12	do	374.0	2.80	8.06	1045.0
8-12	Guy C. Thatcher	375.0	2.75	8.02	1040.0
8-20	H. H. Odell	397.0	2.68	8.05	1080.0
8-28	Guy C. Thatcher	290.7	2.69	8.03	1051.4
8-26	do	342.9	2.41	7.14	590.4
8-20	H. H. Odell	252.0	2.44	7.10	459.0
9-10	do	278.4	2.24	6.04	624.0
9-16	Guy C. Thatcher	248.0	2.17	5.41	526.7
9-24	H. H. Odell	236.1	1.57	5.28	441.0

TRI-STATE CANAL, LATERAL NO. 1—D-914, A-860
Diverted from North Platte River and Pathfinder Reservoir
Sec. 3-23-58 W.

Measurements Made at Lateral Headgate			Sec. 18-23-57 W.		
5-15	H. H. Odell	5.6	1.26	2.51	7.0
5-27	do	4.3	1.09	1.27	4.5
6-11	do	4.0	1.56	1.23	4.6
6-24	do	4.1	1.18	1.40	5.2
7-8	do	4.0	1.00	1.26	4.9
7-17	do	2.8	.81	1.05	2.3
7-30	do	.	.	.	0
8-6	do	2.5	1.22	1.01	2.1
8-12	do	3.0	1.20	1.12	2.4
8-20	do	3.0	1.23	1.12	2.4
9-10	do	3.8	.74	1.21	2.4
9-24	do	4	.26	.22	.1

TRI-STATE CANAL, LATERAL NO. 2—D-918, A-860
Diverted from North Platte River and Pathfinder Reservoir
Sec. 3-23-58 W.

Measurements Made at Lateral Headgate			Sec. 18-23-57 W.		
5-16	H. H. Odell	4.4	1.10	1.37	4.9
5-27	do	4.0	1.25	1.34	5.1
6-11	do	3.5	1.28	1.18	4.5
6-24	do	3.9	1.16	1.29	4.9
7-8	do	4.4	1.15	1.48	4.2

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
TRI-STATE CANAL, LATERAL NO. 2—Continued					
7-17	H. H. Odell	4.0	1.19	1.53	4.8
7-20	do	2.4	1.04	1.04	3.0
8-6	do	4.6	1.12	1.54	5.2
8-19	do	3.0	1.00	1.15	3.0
8-26	do	4.8	1.10	1.51	5.0
8-30	do	3.0	.74	1.18	2.2
9-21	do	2.5	.60	1.10	1.3
TRI-STATE CANAL, LATERAL NO. 3—D-918, A-650 Diverter from North Platte River and Pathfinder Reservoir— Sec. 3-23-58 W.					
Measurements Made at Lateral Headgate—Sec. 13-23-58 W.					
5-27	H. H. Odell	3.1	1.29		3.1
6-21	do	3.2	.72		2.4
7-20	do				0
8-6	do	1.2	.22		.2
8-19	do	2.4	1.04		3.0
9-2	do	2.0	.77		1.5
9-16	do	1.6	.18		.3
TRI-STATE CANAL—D-918, A-660 Diverter from Akers Draw—Sec. 12-23-57 W.					
Measurements Made at Intersection with Tri-State Canal					
5-20	H. H. Odell	8.0	1.75		7.1
6-18	do	6.0	1.66		7.0
6-26	do	7.2	1.70		7.5
7-23	do	5.9	1.11		8.3
7-29	do	7.0	1.54		11.0
8-12	do	7.1	1.61		11.6
8-25	do	4.0	1.41		17.8
9-9	do	7.6	1.01		12.5
9-24	do	10.1	.98		20.1
TRI-STATE CANAL—D-918, A-660 Diverter from Sheep Creek—Sec. 8-23-57 W.					
Measurements Made at Headgate of Feeder Canal					
4-21	H. H. Odell	34.1	1.13	1.75	20.2
5-6	do	30.7	1.08	1.54	42.8
5-21	do	30.7	1.39	2.48	42.7
6-18	do	28.1	1.61	1.96	45.2
6-18	Guy C. Thatcher	27.6	1.83	1.90	45.1
6-28	H. H. Odell	30.5	1.69	2.08	51.5
7-17	do	32.2	1.63	2.14	52.7
7-30	do	24.1	2.42	2.15	58.4
8-11	do	30.2	2.00	2.32	51.0
8-28	do	34.8	1.86	2.19	64.8
9-9	do	29.8	2.50	2.25	83.4
9-26	do	28.7	2.77	2.58	82.7

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Sec. ft.
TRI-STATE CANAL D-918, A-660					
Diverted from Dry Spotted Tail Creek—Sec. 8-23-56 W.					
Measurements Made at Intersection with Tri-State Canal					
8-11	H. H. Odell	24.0	1.74	1.59	21.9
8-20	do	21.0	1.49	1.55	23.9
9- 2	do	19.2	1.21	1.45	28.8
9-16	do	27.0	1.47	1.48	27.2
TRI-STATE CANAL D-918, A-660					
Diverted from Wet Spotted Tail Creek—Sec. 10-23-56 W.					
Measurements Made at South Lane—Sec. 3-23-56 W.					
10-14	A. E. Johnston	11.7	1.24	1.18	11.8
8- 4	H. H. Odell	4.3	1.15	1.17	5.9
8-20	do	3.1	.62	.48	1.9
9-17	do	3.6	1.40	1.19	3.1
6-26	do	6.7	1.81	1.26	8.6
7-17	do	9.8	1.32	1.16	12.7
7-29	do	8.0	1.61	1.41	14.5
8-11	do	9.2	1.77	1.58	13.7
8-20	do	9.4	1.59	1.48	14.1
9- 2	do	11.8	1.49	1.45	17.3
9-16	do	14.4	1.67	1.54	24.0
TRI-STATE CANAL D-918, A-660					
Diverted from Tub Springs—Sec. 27-23-56 W.					
Measurements Made at Intersection with Tri-State Canal					
8-19	H. H. Odell	24.2	2.59	1.77	38.2
8-19	do	20.8	1.50	1.41	19.5
8-25	do	25.1	2.57	1.47	39.7
9- 9	do	15.3	2.28	1.41	42.6
9-17	do	25.5	2.70	2.44	41.9
TRI-STATE CANAL—D-918, A-660					
Diverted from Alliance Ditch—Sec. 18-23-53 W.					
Measurements Made at Intersection with Tri-State Canal					
8-10	H. H. Odell	6.1	2.12	1.30	19.2
8-20	do	5.6	2.38	1.22	14.5
9- 2	do	5.6	2.41	1.23	13.7
9-16	do	6.2	2.11	1.16	12.1
UNION CANAL—D-763					
Diverted from Blue Creek and Crescent Lake, A-1575					
Sec. 18-18-42 W.					
Measurements Made at Rating Flume					
10-27	A. E. Johnston	3.5	0.50	1.39	2.8
4-29	A. W. Hall	4.1	.68	1.25	2.5
6-21	do	9.4	1.12	1.95	10.4

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. 71
UNION CANAL—Continued					
6-21	A. W. Hall	6.6	0.82	1.91	7.5
6-29	do.	12.6	1.45	2.32	15.6
7-10	do.	8.5	1.13	2.45	10.5
7-30	do.	10.1	1.24	2.60	12.9
8-22	do.	8.8	1.24	1.96	11.1
8-30	do.	6.1	1.38	1.74	8.4
WARBONNET CANAL—D-544					
Diverter from Warbonnet Creek—Sec. 21-33-56 W. Measurements Made at Headgate					
3-12	A. E. Johnson	1.1	0.81		0.9
5-15	K. S. Essex	2.0	1.06		1.7
WARBONNET CANAL NO. 2—A-892					
Diverter from Warbonnet Creek—Sec. 20-33-56 W. Measurements Made at Headgate					
3-12	A. E. Johnson				0.0
5-14	K. S. Essex				0
WARNEKE CANAL—D-505					
Diverter from Nohrman River—Sec. 27-31-57 W. Measurements Made at Headgate					
9-14	K. S. Essex				0.0
WEARIN CANAL—A-1864					
Diverter from Lodgepole Creek—Sec. 8-14-54 W. Measurements Made at Rating Flume					
5-21	Essex Team				0.0
6-25	do.				0
7-29	do.				0
9-20	do.				0
WERTZ CANAL—A-610					
Diverter from Lodgepole Creek—Sec. 12-13-46 W. Measurements Made at Headgate					
7-2	K. S. Essex				0.0
WESTERN CANAL—A-323, A-1864					
Diverter from South Platte River—Sec. 14-12-43 W. Measurements Made at Headgate					
7-3	K. S. Essex	42.8	0.77	0.29	32.1
8-4	A. W. Hall	29.7	1.04	.29	30.8
8-11	K. S. Essex	35.6	.93	.25	25.2
8-20	do.	30.0	.90		27.0
9-26	do.	35.3	.97	.29	30.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
 Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gate Height	Discharge—Sec. ft.
WESTERN CANAL, A-393, A-1604					
Diverted from South Platte River—Sec. 14-12-43 W.					
Measurements Made at Rating Flume—Sec. 13-12-43 W.					
3-23	A. E. Johnston	32.4	4.52	0.90	169.6
6-20	K. S. Essex	36.6	2.85	.90	152.6
8-4	A. W. Hall	12.5	1.90	1.00	51.8
WEST HAT CREEK CANAL—D-553a, D-553b					
Diverted from Hat Creek—Sec. 16-22-55 W.					
Measurements Made Below Headgate					
6-20	K. S. Essex				0.0
7-10	do.				0
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 35-32-52 W.					
Measurements Made at Rating Flume					
7-23	K. S. Essex	1.8	0.72		1.3
8-19	do.	2.1	.75		1.6
9-13	do.				.0
WHITNEY PIPE LINE—A-1603, A-1604, A-1625, A-1626, A-1660, A-1787					
Diverted from White River—Sec. 26-22-52 W.					
Measurements Made at Intake					
1-8	A. E. Johnston	12.2	1.76	1.40	29.7
2-29	do.	17.2	1.45		25.5
3-23	do.	13.1	2.03	1.25	26.3
WICKERSHAM CANAL, WEST—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
3-12	A. E. Johnston				0.0
5-15	K. S. Essex	0.8	1.08		.9
6-23	do.	.2	.55		.1
7-19	do.				0
8-14	do.				.0
WICKERSHAM SUPPLY CANAL—A-2182					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
3-12	A. E. Johnston	0.6	1.50		0.9
8-14	K. S. Essex				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gate Height	Discharge Sec. 47.
WIEGAND CANAL, A-563					
Diverted from Lodgepole Creek—Sec. 17-12-45 W.					
Measurements Made at Headgate					
8-22	A. E. Johnston				0.0
7-2	K. S. Essex				0
8-30	do				9
9-29	do				0
WIEGAND CANAL NO. 2, A-1323					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
8-22	A. E. Johnston				0.0
7-2	K. S. Essex				9
8-30	do				9
WIEGAND CANAL NO. 3, A-1322					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
8-22	A. E. Johnston				0.0
7-2	K. S. Essex				9
8-30	do				9
WILDS CANAL, A-504					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
Measurements Made at Headgate					
5-24	K. S. Essex				0.0
7-2	do				0
8-3	Essex Hunter				0
8-31	K. S. Essex				0
9-23	do				0
WINTERS CREEK CANAL, D-952					
Diverted from North Platte River—Sec. 17-22-85 W.					
Measurements Made at Rating Flume					
5-21	H. H. Odell	23.3	1.65	0.60	48.3
5-25	do	29.1	1.25	56	38.5
5-17	do	5.9	2.50	.34	38.6
6-26	do	5.8	2.42	.40	34.0
7-3	do	29.1	1.59	1.50	32.0
7-22	do	39.0	1.35	1.62	34.2
8-5	do	15.8	1.52	1.71	21.9
8-19	do	3.7	1.17	.31	4.3
8-2	do	3.5	.97	.50	3.2
8-9	do	.7	1.06	.75	7
9-15	do	21.0	.62	.00	6.8
9-23	do	14.7	1.03	.10	15.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Stage (Feet)	Discharge (Sec. Ft.)
WINTERS CREEK CANAL- D-952 (O. D. A-1446)					
Diverted from Winters Creek Sec. 19-22-54 W.					
Measurements Made at Rating Flume					
6-13	A. E. Johnston				0.0
6-21	H. H. Odell	21.0	1.65	1.78	34.3
6-3	do	34.7	1.76	1.49	59.9
6-10	do	26.0	1.78	2.02	53.7
6-29	do	19.5	1.58	1.98	39.0
7-9	do	26.0	1.47	2.32	59.7
7-27	do	31.0	1.42	3.12	94.0
8-5	do	14.7	1.71	1.46	21.3
8-19	do	75.0	1.48	2.80	210.6
9-1	do	20.9	2.24	2.78	58.4
9-15	do	33.7	1.73	1.61	57.1

WINTERS CREEK LATERAL- D-952 (O. D. A-1446)
 Diverted from Winters Creek Sec. 19-22-54 W.

Measurements Made at Headgate

10-31	A. E. Johnston	6.0	3.50	1.50	21.2
5-23	H. H. Odell	11.7	1.24	1.05	13.9
6-3	do	2.5	.83	.82	1.7
6-10	do	10.0	.58	.88	5.9
6-29	do	32.4	1.18	1.05	34.4
7-9	do	9.8	1.75	.73	12.0
7-27	do	5.3	1.09	.54	5.5
8-5	do	0.7	1.35	.82	0.0
8-19	do	0.1	1.26	.63	1.2
9-1	do	4.5	1.20	.55	5.4

WINTERS CREEK CANAL- D-952

Diverted from Scatsbluff Drain No. 1 Sec. 14-22-55 W.

Measurements Made at Intersection with Winters Creek Canal

5-25	H. H. Odell	17.2	0.95		16.7
9-1	do	15.9	.58		10.0

WINTERS CREEK LATERAL- D-952

Diverted from Scatsbluff Drain No. 1—Sec. 24-22-55 W.

Measurements Made in Lateral below Point of Diversion

7-17	H. H. Odell	3.2	0.67		2.2
7-30	do	2.5	.71		1.8
8-10	do	1.2	.45		.6
8-26	do	1.7	1.09		1.8

DISCHARGE MEASUREMENTS OF CANALS—Concluded
Year Ending September 30, 1937

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (Sec. 16)
WOLFE CANAL D-813					
Diverted from Judgepole Creek Sec. 18-19-16 W.					
Measurements Made at Headgate					
10-12	A. E. Johnston	2.6	0.85		2.2
8-1	do	1.6	.93		1.5
8-22	do	1.2	.92		1.1
5-29	K. S. Exner	1.1	.91		1.0
7-2	do	1.1	1.27		1.4
9-3	Knox-Hansen	6	.59		.3
9-23	K. S. Exner				.6

WOODRUFF CANAL D-536					
Diverted from Jim Creek Sec. 14-13-57 W.					
Measurements Made at Headgate					
2-12	A. E. Johnston				0.0
5-15	K. S. Exner				0
6-28	do				0
7-19	do				0

ZERBST CANAL A-2003					
Diverted from Little Red Creek Sec. 34-33-56 W.					
Measurements Made at Headgate					
6-21	K. S. Exner	0.3	0.93		0.3

ZIMMERMAN CANAL—A-532					
Diverted from Saw Belly Creek Sec. 34-33-55 W.					
Measurements Made at Headgate					
3-21	A. E. Johnston	1.5	1.20		1.8

DISCHARGE MEASUREMENTS OF CANALS

Year Ending September 30, 1938

Date	Hydro-grapher	Area of Section	Meas. Velocity	Gage Height	Discharge Sec. ft.
ABERDEEN CANAL D-50a, D-60b, A-1117					
Diverted from Frenchman River Sec. 3-5-88 W.					
Measurements Made at Headgate					
11-20	K. S. Evers				0.0
3-22	do.				.0
4-19	do.				0
5-26	do.				.0
7-27	do.				0
8-24	do.	1.6	0.56	0.63	.3

ADAMS CANAL D-371

Diverted from Lodgepole Creek—Sec. 3-14-82 W.

Measurements Made at Headgate

10-19	K. S. Evers				0.0
11-15	do.				.0
5-26	do.				0
4-28	do.				.0
7-26	do.				0
5-31	do.	2.3	0.57		2.0

AIREDALE CANAL NO. 1 A-698, A-1360

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

Measurements Made at 5.5-Foot Weir

11-17	K. S. Evers				0.0
3-27	do.				0
6-15	do.				0

AIREDALE CANAL NO. 2—A-699, A-1333

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

Measurements Made at Headgate

11-22	K. S. Evers	2.7	0.47		1.5
3-17	do.	3.5	.69		2.4
6-15	do.				0

AIREDALE CANAL NO. 3 A-1508

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

Measurements Made at Headgate

11-18	K. S. Evers				0.0
3-17	do.				.2
6-15	do.				0

DISCHARGE MEASUREMENTS OF CANALS Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec. Ft.
ALFALFA CANAL, D-728					
Diverted from North Platte River Sec. 1-15-42 W.					
Measurements Made at Rating Flume					
5-4	A. W. Hall	24.6	1.51	1.19	3.9
5-16	do	9.6	1.85	.20	18.0
6-25	do	22.1	2.11	.95	16.7
7-14	do	27.7	1.97	.91	66.1
ALLEN-LARNED CANAL, D-117					
Diverted from Buffalo Creek Sec. 18-1-40 W.					
Measurements Made at Headgate					
10-2	K. S. Bauer	1.6	0.75	.	1.2
11-28	do	1.2	.58	.	.7
1-25	do	.	.	.	.6
4-21	do	1.1	.87	.	.9
9-23	do	1.4	.41	.	.6
ALLIANCE CANAL, A-419 (O. D.) A-20581					
Diverted from Camp Clark Seep Sec. 9-20-51 W.					
Measurements Made at Headgate					
4-19	H. H. Orell	5.4	1.41	1.72	7.1
4-25	do	5.1	1.42	1.72	7.2
ALLIANCE CANAL, D-874 (O. D.) A-12751					
Diverted from Hayard Sugar Factory Drain Sec. 4-20-52 W.					
Measurements Made at Rating Flume					
6-1	H. H. Orell	3.0	1.32	0.42	4.0
6-15	do	21.1	1.87	2.62	27.7
6-30	do	14.9	1.24	2.09	20.0
7-13	do	19.8	1.21	2.84	25.0
7-27	do	25.3	1.06	3.06	38.0
8-29	do	31.2	1.61	1.22	18.5
ALLIANCE CANAL, D-874 (O. D.) A-14221					
Diverted from Red Willow Creek Sec. 6-20-51 W.					
Measurements Made at Rating Flume					
10-7	H. H. Orell	21.3	0.49	2.68	75.4
4-2	do	16.3	.63	.96	6.5
5-18	do	12.4	1.55	1.22	19.2
6-9	do	15.7	1.70	1.42	28.7
1-15	do	36.2	.96	2.56	27.1
6-30	do	21.3	1.76	1.95	34.3
7-13	do	28.2	1.25	2.22	22.0
7-27	do	25.4	1.22	2.23	31.0
8-28	do	25.2	1.25	2.56	34.6
9-10	do	22.4	1.22	2.31	28.4
9-27	do	10.5	1.25	1.26	14.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gate Height	Discharge (cfs)
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
Measurements Made at Headgate					
10-15	K. S. Essex				0.0
11-15	do				0
1-19	do				0
3-20	do	2.4	2.29		5.5
4-26	do	1.5	2.25		4.1
5-26	do				0
6-29	do	2.0	1.27		2.5
7-20	do	2.9	1.03		2.7
8-31	do				0
9-27	do				0

ANDREWS CANAL—A-2553
 Diverted from Andrews Reservoir—A-2530 Sec. 5-32-51 W.
 Measurements Made at Headgate

7-11	K. S. Essex				0.0
8-15	do				0

ATKINS-POLLY CANAL—D-342 D-344
 Diverted from Lodgepole Creek—Sec. 30-15-55 W.
 Measurements Made at Rating Flume

10-19	K. S. Essex				0.0
11-16	do				0
1-1	do				0
3-20	do				0
4-23	do				0
5-26	do				1
6-29	do				0
7-19	Essex-Hanna				0
8-31	do	2.2	3.27	0.35	10.0
9-27	K. S. Essex				0

BARBER CANAL—D-754, A-1111
 Diverted from Clear Creek—Sec. 29-16-41 W.
 Measurements Made at Rating Flume

11-2	A. W. Hall				0.0
1-19	do	6.3	1.05	1.23	7.4
5-16	do	6.6	1.04	1.01	7.0
5-25	do	6.0	1.06	96	7.3
6-25	do	8.6	1.07	1.26	9.2
7-14	do	4.9	1.10	96	5.5
8-3	K. S. Essex	2.0	1.40	73	3.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Sec.-ft.
BARIETY CANAL, D-334					
Diverted from Lodgepole Creek Sec. 32-14-46 W.					
Measurements Made at Headgate					
10-25	K. S. Ewers				0.0
7-3	do				0
9-7	do				0
BARRON CANAL, WEST, D-438K					
Diverted from East Ash Creek Sec. 32-32-50 W.					
Measurements Made near Headgate					
2-18	K. S. Ewers				0.0
6-6	do				0
5-12	do				0
BARRON CANAL EXTENSION—A-1953					
Diverted from East Ash Creek Sec. 32-32-50 W.					
Storing in Norman Reservoir					
Measurements Made near Headgate					
11-6	K. S. Ewers				0.0
3-12	do	1.0	1.36		2.4
BARRON CANAL, EAST, A-2024					
Diverted from East Ash Creek Sec. 32-32-50 W.					
Measurements Made near Headgate					
10-9	K. S. Ewers				0.0
BAYS PUMP—A-2328, A-2456					
Diverted from Big Horns Creek Sec. 14-33-48 W.					
Measurements Made in Open Ditch below Pump					
9-9	K. S. Ewers				0.0
BEERLINE CANAL—D-567					
Diverted from North Platte River Sec. 24-16-49 W.					
Measurements Made at Rating Flume					
11-2	A. W. Hall				1.0
7-18	do	7.2	1.46	0.64	10.8
8-1	K. S. Ewers	11.5	1.50	1.10	17.7
8-27	A. W. Hall	7.4	1.30	.60	9.6
BELMONT CANAL, D-828, D-828, A-866					
Diverted from North Platte River—Sec. 18-20-51 W.					
Measurements Made at Rating Flume					
10-9	H. W. Odell	34.0	1.62	0.45	61.2
4-27	do	5.5	1.55	.02	8.4
5-3	do	42.1	1.79	.42	72.1
5-20	do	.6	.43		3

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Cfs.
BELMONT CANAL—Continued					
6-6	H. R. Child	65.5	1.45	0.43	90.5
6-23	do	53.0	1.75	.45	93.3
7-11	do	45.9	1.88	.29	63.5
7-23	do	57.4	1.35	.35	71.1
8-2	do	55.0	1.41	.40	77.7
8-20	do	54.4	1.44	.39	78.6
9-5	do	40.5	1.19	.31	49.5
9-22	do	39.8	1.14	.34	45.5
BELMONT FEEDER A-1397 Diverter from Cedar Creek—Sec. 23-18-48 W. Measurements Made about 200 Feet above Junction					
6-1	A. W. Hall	6.5	1.53	1.00	10.0
HENDIX CANAL—A-169, A-1660 Diverter from Sand Creek—Sec. 35-33-53 W. Measurements Made at Headgate					
5-9	K. S. Kasey	0.3	0.44		0.1
BENNETT CANAL A-1249 Diverter from Niobrara River—Sec. 1 28 54 W. Measurements Made at Headgate					
5-10	K. S. Kasey				0.0
BENNETT RESERVOIR CANAL A-691, A-1975 Diverter from Lodgepole Creek and Bennett Reservoir, A-657, A-1974—Sec. 22-15-55 W. Measurements Made at Headgate					
10-19	K. S. Kasey	1.4	0.46		0.7
11-16	do		"		.0
4-28	do	"	.68		.5
5-28	do	"	"		.2
7-29	do	"	.86		.5
8-31	Kasey-Hopps	.8	1.09		.9
BICKEL CANAL D-347, A-730, A-724 Diverter from Lodgepole Creek—Sec. 30-15-86 W. Measurements Made at Rating Flume					
10-19	K. S. Kasey	2.0	0.90	0.44	1.8
11-16	do				1.3
1-19	do				.0
3-1	do				.0
3-30	do				.0
4-25	do				.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Gauger	Area of Section	Mean Velocity	Gage Height	Discharge— Sec.—(C)
BICKEL CANAL—Continued					
5-26	K. S. Essex	..			0.9
6-25	do				0
7-17	do	2.1	.67	.56	1.3
8-31	Essex Hanna	2.4	.92	.81	2.2
9-27	K. S. Essex	2.0	.96	.72	1.9
BIGELOW-SEYMOUR CANAL—D-510					
Diverted from Niobrara River Sec. 19-31-57 W.					
Measurements Made at Headgate					
10-11	K. S. Essex				0.0
12- 2	do				0
12- 5	do				0
5-11	do				0
6- 8	do				0
7-12	do				0
8-15	do				0
9-12	do				0
BIRD GATE-QUINN CANAL, D-802, A-1561					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
Measurements Made at Headgate					
10-14	K. S. Essex	2.5	0.25	1.05	0.1
3-26	do				0
4-29	do				0
BIRDWOOD CANAL—D-646					
Diverted from Birdwood Creek Sec. 35-15-33 W.					
Measurements Made at Rating Flume					
5- 8	A. W. Hall	5.4	1.29	0.47	7.0
6- 8	do	8.2	1.35	.61	11.1
7-12	do	8.9	2.50	.75	15.2
BLUE CREEK CANAL, D-785, D-795					
Diverted from Blue Creek and Crescent Lake, A-1575— Sec. 33-17-42 W.					
Measurements Made at Rating Flume					
10-30	A. W. Hall	3.4	1.52	0.45	7.3
11- 2	do	27.1	1.37	1.41	23.4
5- 4	do	7.0	1.51	.69	10.4
5-25	do	5.2	1.43	.65	11.7
6-20	do	12.4	1.31	1.04	16.4
6-29	do	12.7	1.47	.95	17.2
7-24	do	25.9	1.50	2.20	38.9
8- 2	K. S. Essex	22.8	1.55	1.90	35.3
8-26	A. W. Hall	24.3	1.58	2.00	36.7
9-21	do	2.0	.93	.30	1.3

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Cfs.
BETHM CANAL, A-1811					
Diverted from Lodgepole Creek—Sec. 20-14-48 W. Measurements Made at Headgate					
10-20	K. S. Evans				0.0
11-17	do	1.0	0.51		0
3-2	do				0
1-31	Evans Hansen				0
4-29	K. S. Evans				0
7-20	Evans Hansen				0
9-28	K. S. Evans				0

BOELUS POWER CANAL, A-1373					
Diverted from Middle Loop River—Sec. 20-13-12 W. Measurements Made at C. P. R. Bridge at Boelus					
10-2	Joe V. Huskka	265.0	1.70	3.60	527.9
10-9	do	242.0	1.75	3.65	525.0
10-26	do	318.0	1.70	3.67	544.6
10-23	do	282.0	1.95	3.62	497.0
10-30	do	248.0	2.05	3.56	472.0
11-6	do	244.0	2.06	3.62	500.0
11-13	do	232.0	2.14	3.61	516.6
11-23	do				0
11-27	do	303.0	1.90	3.75	497.0
12-4	do	14	0.65	3.48	79.9
12-11	do	38.4	2.00	3.20	199.0
12-22	do	206.0	2.0	3.71	500.0
12-28	do	125.0	2.0	3.56	317.0
1-1	do	157.0	1.82	3.30	335.0
1-8	do	168.8	2.18	3.50	314.9
1-15	do	160.7	1.75	3.44	373.0
3-10	H. S. Peters	270.0	2.02	3.54	415.0
3-24	do	271.0	2.07	3.48	369.0
4-10	do	272.0	2.10	3.52	367.0
5-16	C. R. Marx	219.0	2.07	3.60	455.0
5-25	do	278.0	2.18	3.66	519.0
6-8	F. D. Reed	232.0	2.08	3.65	495.0
6-23	do	230.0	2.08	3.64	497.0
7-6	C. J. Osborne	274.0	2.02	3.60	480.0
7-18	do	285.0	2.04	3.15	455.0
8-7	do	220.5	1.87	3.34	432.0
8-19	do	249.0	2.00	3.72	497.0
9-12	R. A. Ward	235.0	1.82	3.76	438.7
9-27	do	246.0	1.96	3.64	419.1

BROTH CANAL, NORTH 20-300, D-310
Diverted from Lodgepole Creek—Sec. 29-14-47 W.
Measurements Made at Rating Flume

10-26	K. S. Evans				0.0
11-17	do				0

(Continued on next page)

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
BROOK CANAL, NORTH (Continued)					
1-20	K. S. Essex				0.0
3-2	do				0
3-21	Essex-Hansen				0
3-27	K. S. Essex	4.7	0.71	1.70	3.5
7-20	Essex-Hansen				0
9-1	K. S. Essex				0
9-25	do				0
BROOK CANAL, SOUTH—D-308, D-310 Diverted from Lodgepole Creek—Sec. 29-14-47 W. Measurements Made at Rating Flume					
10-24	K. S. Essex				0.0
11-17	do	3.5	1.14		4.0
1-20	do				0
3-2	do				0
3-31	Essex-Hansen				0
4-27	K. S. Essex				0
7-20	Essex-Hansen				0
9-1	K. S. Essex				0
9-25	do				0
BORDWELL CANAL—D-302 Diverted from Lodgepole Creek—Sec. 35-14-40 W. Measurements Made at Headgate					
10-19	K. S. Essex				0.0
11-17	do	1.1	1.24	0.26	3.3
BORDWELL CANAL—D-303 Diverted from Lodgepole Creek—Sec. 35-14-49 W. Measurements Made at Headgate					
3-2	K. S. Essex	1.4	1.31		4.5
6-29	do				0
7-20	do				0
9-1	do				0
9-25	do				0
BORQUIST CANAL—D-300 Diverted from Lodgepole Creek—Sec. 34-14-49 W. Measurements Made at Headgate					
10-15	K. S. Essex				0.0
11-17	do				0
3-31	Essex-Hansen				0
6-29	K. S. Essex				0
7-20	Essex-Hansen	3.2	1.60		5.3
9-1	K. S. Essex				0
9-25	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge C. F. S.
BOBQUIST CANAL, D-301					
Diverted from Lodgepole Creek Sec. 34-14-40 W.					
Measurements Made at Headgate					
11-11	K. S. Essex				0.0
1-30	Essex-Hanna				0
6-29	K. S. Essex				0
7-27	Essex-Hanna	2.5	7.54		2.8
9-1	K. S. Essex				0
9-28	do				0
BRADY CANAL, D-352					
Diverted from Lodgepole Creek Sec. 29-15-55 W.					
Measurements Made at Headgate					
10-19	K. S. Essex	0.2	0.18		0.4
11-16	do	2.8	1.08		3.1
1-19	do				0
3-1	do				0
5-28	do				0
6-27	do	2.3	1.30		3.0
8-31	Essex-Hanna				0
9-27	do	1.4	.54		0
BROWNS CREEK CANAL, D-857, D-1033					
Diverted from the North Platte River and Pathfinder Reservoir -					
Sec. 20-20-50 W.					
Measurements Made at Rating Flume					
10-7	H. H. Ditch	30.5	1.59	1.10	49.9
10-21	do	29.5	1.45	1.31	42.9
11-1	do	26.8	1.44	1.10	37.9
11-13	do	4.2	.72	.30	3.0
6-13	do	19.1	1.39	.64	21.6
6-20	do	52.6	.91	1.82	51.3
7-5	do	.5	.24	.39	.5
7-18	do	1.1	.30	-.31	1.2
8-2	do	9.7	1.41	1.10	44.8
8-22	do	1.4	.95	.34	1.5
9-28	do	27.0	1.50	1.19	40.6
BULLOCK CANAL, D-286					
Diverted from Lodgepole Creek Sec. 3-13-46 W.					
Measurements Made at Headgate					
10-22	K. S. Essex				0.0
1-21	do	1.7	1.09		2.7
4-29	do				0
7-21	do				0
9-1	do				0
9-29	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. 46
BILLGATE CANAL A-437					
Diverted from Lodgepole Creek Sec. 4-13-46 W.					
Measurements Made at Headgate					
10-22	K. S. Essex				0.0
11-3	do.				.0
3-31	Essex-Hanson				.0
6-29	K. S. Essex				0
7-21	do.				.0
9-1	do.				..
BUSHNELL CANAL A-504					
Diverted from Lodgepole Creek Sec. 2-14-38 W.					
Measurements Made at Headgate					
10-15	K. S. Essex				1.6
2-28	do.				0
4-26	do.	2.8	0.93		2.6
5-25	do.	2.9	.93		2.7
4-28	Essex-Hanson				0
8-19	do.				.0
CALADONIA CANAL A-1681, A-1683					
Diverted from Jim. Creek and Caladonia Reservoir, A-518B					
Sec. 13-33-32 W.					
Measurements Made at Headgate					
7-21	K. S. Essex				0.0
CAPRON CANAL D-890					
Diverted from Greenwood Creek Sec. 15-18-50 W.					
Measurements Made at Headgate					
6-14	K. S. Essex				0.0
8-19	do.				.0
CASTLE ROCK CANAL D-023					
Diverted from North Platte River Sec. 4-21-54 W.					
Measurements Made at Rating Flume					
10-3	H. F. Child.	11.0	1.76	0.77	7.5
5-25	do.	11.2	.81	.60	9.8
6-6	do.	22.8	1.25	1.29	28.5
6-38	do.	45.7	1.79	2.07	83.3
6-30	do.	34.0	1.35	1.56	52.6
7-13	do.	43.7	1.81	1.96	78.2
7-27	do.	79.6	1.71	2.17	171.5
8-19	do.	15.0	1.26	2.06	29.3
8-28	do.	45.8	1.73	2.01	75.5
9-24	do.	21.6	1.21	1.18	26.8

DISCHARGE MEASUREMENTS OF CANALS--Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge (see 4)
CENTRAL CANAL, D-926					
Diverted from North Platte River and Pathfinder Reservoir Sec. 33-22-55 W.					
Measurements Made at Fluming Flume					
5-12	H. H. Odel	21.0	2.66	1.02	51.7
5-23	do	22.2	2.66	.62	35.6
6-19	do	7.1	2.74	.69	19.6
6-24	do	9.8	2.67	.92	26.2
7-21	do	11.7	2.58	1.11	27.6
7-27	do	9.7	1.52	.67	14.8
8-22	do	11.6	2.35	.77	27.3
8-25	do	14.1	1.84	1.04	28.5
9-4	do	8.5	1.45	.48	12.6

CHAMPION CANAL, D-47					
Diverted from Frenchman River Sec. 23-6-40 W.					
Measurements Made at Headgate					
10-23	R. S. Kreeg	17.7	3.97	1.52	11.3
11-19	do	11.1	1.29	1.74	16.8
12-14	do				0
1-11	do	6.2	1.23	1.31	12.7
2-22	do	8.8	1.78	1.15	5.5
3-22	do	9.5	1.21	1.20	13.5
4-19	do	9.5	1.77	1.17	16.1
6-12	do	14.6	.75	2.65	16.9
7-26	do				0
8-23	do				0
9-28	do	11.9	.46	1.41	1.5

CHAMPION CANAL, A-1198					
Diverted from Frenchman River Sec. 23-6-40 W.					
Storing in Kispattuck Reservoir					
Measurements Made near Reservoir Inlet Sec. 30-6-39 W.					
7-15	A. W. Hal.	6.8	6.98		6.4

CHIMNEY ROCK CANAL, D-844, D-1031, A-2180					
Diverted from North Platte River and Pathfinder Reservoir					
Sec. 1-20-53 W.					
Measurements Made at Rating Flume					
5-14	H. H. Odel	2.9	3.92	0.70	2.1
6-4	do	6.7	2.76	.12	14.5
6-18	do	14.8	2.48	.70	51.4
7-5	do	9.5	1.85	.50	21.1
7-21	do	18.8	3.21	.97	64.9
7-23	do	5.9	1.55	.27	9.1
8-2	do	12.9	3.19	.28	47.2
8-16	do	12.1	1.78	.61	42.2
8-18	do	8.2	.79	.21	6.8
9-22	do	8.8	1.20	.18	6.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec-ft
CHRISTENSEN CANAL, NORTH D-267					
Diverted from Lodgepole Creek Sec. 7-14-51 W.					
Measurements Made at Headgate					
10-19	K. S. Essex	2.0	0.23		0.5
11-17	do				0
1-19	do				0
3-1	do				0
3-20	do				0
4-26	do				0
6-28	do				0
7-20	do				0
8-21	do				0
9-27	do				0
CHRISTENSEN CANAL SOUTH D-266					
Diverted from Lodgepole Creek Sec. 7-14-51 W.					
Measurements Made at Headgate					
10-19	K. S. Essex				0.0
11-17	do				0
1-19	do				0
3-1	do				0
3-20	do				0
4-26	do				0
6-28	do				0
7-20	do				0
8-21	do				0
9-27	do				0
CHRISTOFFERSON PUMP D-918 (O. D. 1178)					
Diverted from Sheep Creek Sec. 16-23-57 W.					
Measurements Made at Pump					
7-9	H. H. Ouel				2.7
CIRCLE ARROW CANAL D-366					
Diverted from Lodgepole Creek Sec. 30-15-54 W.					
Measurements Made at Headgate					
10-19	K. S. Essex	1.2	2.60	0.01	3.1
11-16	do				0
1-1	do				0
2-20	do				0
4-26	do	1.4	3.28	0.0	4.6
5-28	do				0
6-27	do	2.0	5.62	0.0	11.0
7-19	Essex Hanna	1.1	2.94	0.0	3.3
8-21	do	1.1	2.91	0.0	3.1
9-27	do	1.1	2.76	0.0	3.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge cfs.
CLEAR CREEK CANAL D-748					
Diverted from Clear Creek—See 32-16-41 W.					
Measurements Made at Rating Flume					
11-2	A. W. Hall				0.0
5-16	do	3.1	0.71	0.46	2.1
5-25	do	3.2	5.	.45	1.8
7-24	do	3.9	1.07	.50	4.1
8-27	do	3.5	1.17	.61	4.1
CODY-DILLON CANAL D-649					
Diverted from North Platte River—See 5-14-31 W.					
Measurements Made at 10-foot Cipolletti Weir					
6-9	A. W. Hall	18.0	1.07	0.90	20.5
6-27	do	11.8	.80	.50	11.5
7-12	do	20.8	1.37	.92	31.2
COFFEE CANAL, EAST D-512					
Diverted from Hat Creek—See 26-33-55 W.					
Measurements Made at Headgate					
11-7	Katey-Bjornson				0.0
5-11	K. E. Koster	2.5	0.89		2.1
6-9	do				0
7-11	do	2.1	.87		1.8
8-15	do				0
COFFEE CANAL, WEST D-512					
Diverted from Hat Creek—See 26-33-55 W.					
Measurements Made at Headgate					
11-7	Katey-Bjornson	1.6	0.88		1.4
5-11	K. E. Koster				0
6-9	do	2.4	1.08		2.6
7-11	do				0
8-15	do				0
COLD WATER CANAL D-796					
Diverted from Cold Water Creek—See 26-18-46 W.					
Measurements Made into Lower and North River Canal					
11-2	A. W. Hall				0.0
12-18	do	2.2	1.09	1.55	2.4
5-7	Marcel-McDermott	3.3	1.15		3.8
5-16	A. W. Hall	3.9	1.41	2.0	5.6
7-16	do	3.4	1.08		3.7
8-2	K. S. Koster	3.4	2.71	1.5	9.5
8-21	A. W. Hall	2.8	1.15		3.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage at Foot	Discharge Sec. ft.
COOK CANAL, NO. 1 D-040					
Diverted from Nohrman River Sec. 1-28-56 W.					
Measurements Made at Headgate					
10-11	K. S. Eason	49	0.91	142	15
7-12	do	44	1.1		14
9-12	do				12

COURT HOUSE ROCK CANAL D-840, D-1028, A-861
 Diverted from Panapkinawel Creek Sec. 30-19-56 W.
 Measurements Made at Rating Flume

1-14	K. S. Eason	6.8	0.62	1.27	1.7
11-11	do	6.8	.65	1.34	7.5
11-27	do	11.5	1.53	1.45	15.3
12-22	do				9
3-19	do				10
5-1	do	6.8	1.26	.74	12.3
4-20	A. W. Hill	7.2	2.08	1.00	19.1
4-29	K. S. Eason				11
5-17	do	8.7	1.77	1.05	17.4
6-14	do	7.5	3.01	.84	22.9
6-18	do				16
7-17	do	8.7	2.22	1.06	29.4
8-1	do	1.4	2.57	.81	15.5
8-19	do	7.4	3.21	.80	27.5
9-17	do	7.7	1.32	.89	27
9-30	do	7.0	1.70	.76	17.2

COZAD CANAL, D-626, A-2050, A-2056
 Diverted from Platte River and Sutherland Reservoir
 Sec. 15-21-25 W.

Measurements Made at Rating Flume Sec. 13-11-25 W.

10-14	A. W. Hill	21.0	1.54	2.61	19.8
11-1	do	22.5	1.51	2.11	109.2
3-25	do	28.7	1.11	.92	43.2
4-9	do	51.2	1.68	1.54	26.0
6-8	do	31.5	1.06	.65	34.3
6-25	do	72.4	1.37	2.32	69.1
7-8	do	72.5	1.28	2.12	34.5
7-26	do	151.5	2.02	4.43	313.7
9-15	do	77.0	1.58	2.13	312.3

CREWS CANAL, D-1025
 Diverted from North Fork Republican River Sec. 20-1-41 W.
 Measurements Made at Headgate

4-22	K. S. Eason	82	1.62		3.7
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Height of Water	Discharge (CFS)
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CRIGGLE CANAL, D-561, A-156
 Diverted from Lawrence Fork Creek, Sec. 1-18-52 W.
 Measurements Made at Headgate

3-15	K. S. Essex				0.0
5-28	do				0

CULBERTSON CANAL, D-24, D-25, D-29, D-30
 Diverted from Frenchman River and Stinking Water Creek
 Sec. 31-5-33 W.
 Measurements Made at Haling Flume

20-25	K. S. Essex	4.1	1.55	2.85	69.9
21-20	do				0
3-23	do				0
4-22	do	19.8	.95	1.57	18.5
4-22	do	20.3	1.47	1.91	43.0
5-21	do	37.0	1.50	1.49	54.0
6-20	do	38.1	1.36	2.41	49.1
7-27	do	22.4	1.87	1.41	91.5
8-24	do	33.1	1.74	2.55	74.5
9-21	do	31.7	1.57	1.40	47.3

**DAWSON COUNTY CANAL, D-621, D-622, D-624, A-2039,
 A-2093, A-2110, A-2145, A-2262**
 Diverted from Platte River and Sulphur Reservoir -
 Sec. 18-10-23 W.
 Measurements Made at Haling Flume, Sec. 7-10-23 W.

10-8	A. W. Hall	126.7	1.57	2.51	292.6
4-15	do	43.9	1.24	2.42	55.5
4-28	do	123.0	1.57	2.74	218.2
5-23	do	73.6	1.56	1.78	191.5
6-5	do	89.5	1.79	3.00	142.3
6-21	do	25.3	1.25	2.55	31.7
6-21	do	91.0	1.55	2.55	143.6
7-8	do	97.4	1.60	3.10	154.9
7-21	do	91.0	1.71	2.79	156.0
7-26	do	119.8	1.80	3.56	245.7
8-15	do	148.0	1.82	2.90	282.0

DELAWARE-HICKMAN CANAL, D-157
 Diverted from Republican River, Sec. 17-1-34 W.
 Measurements Made at Headgate

10-1	K. S. Essex				0.0
10-21	do				0
3-25	do	2.0	1.40		2.4
4-21	do				0
4-26	do	20.1	1.91		19.9
5-23	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (cfs)
DICKINSON CANAL, D-967					
Diverted from Lodgepole Creek Sec. 33-14-47 W.					
Measurements Made at Headgate					
9-20	K. S. Essex	27	6.59		1.6
11-17	do	27	61		1.7
3-2	do				1.5
1-31	Essex-Hansen				0
6-23	K. S. Essex				0
7-20	Essex-Hansen				0
9-1	K. S. Essex				0
9-28	do				0
DICKINSON CANAL, D-969					
Diverted from Lodgepole Creek Sec. 26-14-47 W.					
Measurements Made at Headgate					
10-25	K. S. Essex				0.0
11-18	do				0
1-26	do				0
3-2	do				1.8
2-31	Essex-Hansen				1
6-23	K. S. Essex				0
7-21	do	30	3.77		1.1
9-1	do				0
9-28	do				0
DOUL BROTHERS CANAL, D-963					
Diverted from Jilo Creek—Sec. 7-33-56 W.					
Measurements Made below Headgate					
6-8	K. S. Essex				0.0
7-12	do	12	0.34		1
8-15	do				1
DOUL CANAL, NO. 1, A-2008					
Diverted from DouL Reservoir No. 1, A-1989—Sec. 7-33-56 W.					
Measurements Made at Headgate					
6-5	K. S. Essex				0.7
7-11	do				0
8-15	do				0
EARNEST CANAL, NO. 1, D-5148					
Diverted from Niobrara River Sec. 9-29-56 W.					
Measurements Made at Headgate					
10-12	K. S. Essex	45	1.35	1.56	6.0
11-7	Essex-Hansen	17	2.45		5.2
5-11	do				0

Continued on next page

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Meas. Velocity	Gage Height	Discharge—Sec.-ft.
KARNEST CANAL NO. 1—Continued					
7-12	K. S. Eason	4.4	1.49		6.6
8-15	do	3.2	1.27		3.9
9-12	do				2
KARNEST CANAL NO. 2—D-5140 Diverted from Niobrara River Sec. 9-29-56 W. Measurements Made at Headgate					
10-11	K. S. Eason				0.0
11-1	Eason-Karmanian				.1
5-12	do				3.4
7-12	K. S. Eason				0
8-15	do				0
9-12	do	5.6	1.12		6.2
ELM CREEK CANAL—A-2104 Diverted from Platte River Sec. 6-8-19 W. Measurements Made at Bridge Sec. 33-9-19 W.					
11-4	A. W. Hall	37.7	1.31	2.55	29.9
1-23	do	36.3	1.47	2.50	28.5
3-15	do	37.0	1.28	2.74	47.4
5-20	do			1.41	0
6-6	do	4.8	21	1.90	1.4
7-15	do			1.25	0
9-16	do	11.4	1.0	1.50	7.6
EMPIRE CANAL—D-559—A-865 Diverted from North Platte River Sec. 18-20-51 W. Measurements Made at Rating Flume Sec. 20-20-51 W.					
6-9	H. B. Odell	3.6	1.24	6.43	4.1
8-13	do	3.4	1.7	5.1	6.2
4-23	do	4.6	1.4	5.4	5.9
7-11	do	6.0	2.0	7.0	3.0
7-23	do	.3	.65	2.1	5
8-2	do	6.2	5.0	2.1	6.1
5-20	do	7	8.7	2.8	7
9-5	do	.7	.67	2.1	5
9-22	do	.3	.40	1.5	1
ENTERPRISE CANAL—D-461 Diverted from Niobrara River Sec. 27-29-50 W. Measurements Made at Headgate					
12-4	K. S. Eason				0.0
5-13	do				.0
6-9	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, <u>Sec. Ft.</u>
ENTERPRISE CANAL, D-820					
Diverted from North Platte River—Sec. 27-23-57 W.					
Measurements Made at Rating Point					
5-2	H. H. Giddell	43.5	1.98	1.15	26.7
5-3	do			.29	1.2
5-26	do	16.4	1.29	.62	24.3
6-10	do	47.2	1.53	1.12	17.2
6-24	do	21.3	1.51	.64	25.4
7-11	do	31.0	1.95	1.22	59.4
7-26	do	38.4	1.81	1.27	67.4
8-11	do	1.0	.70	.75	1.1
8-27	do	41.5	1.76	1.23	33.0
9-9	do	31.4	1.71	1.20	54.7
9-23	do	35.8	1.62	1.25	58.2

ENTERPRISE CANAL, D-920					
Diverted from Morrill Drain—Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
5-2	H. H. Giddell	9.2	0.17		4.0
5-26	do	1.5	.98		1.5
6-3	do	2.1	.14		.3
6-16	do	3.1	.12		.4
7-9	do	3.9	.17		.6
7-21	do	4.3	.16		1.0
8-1	do	1.8	.51		1.9
8-18	do	2.2	.42		2.7
8-31	do	5.1	1.01		3.2
9-14	do	3.9	1.68		4.2
9-27	do	3.8	1.63		4.0

ENTERPRISE CANAL, D-926					
Diverted from Stewart Drain—Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
5-7	H. H. Giddell	2.1	0.23		2.3
5-26	do	1.7	.71		.9
6-3	do				.5
6-16	do				.5
6-24	do	1.6	.50		1.1
7-9	do				.0
7-22	do				.0
8-4	do				.0
8-15	do				.0
8-31	do	.6	.76		.4
9-14	do	2.2	.79		2.5
9-25	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Canal	Mean Velocity	Stage Height	Discharge Sec. ft.
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ENTERPRISE CANAL, D-920

Diverted from Dry Spotted Tail Creek, Sec. 21-23-56 W.

Measurements Made above Intersection with Enterprise Canal

8-12	H. H. Osted	9.9	1.92		19.0
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ENTERPRISE CANAL, D-920

Diverted from Wet Spotted Tail Creek, Sec. 23-25-56 W.

Measurements Made above Intersection with Enterprise Canal

10-1	H. H. Osted	7.2	1.24		8.9
5-20	do	9.8	1.25		12.2
5-3	do	6.8	.91		6.2
6-16	do	5.1	1.22		6.2
7-8	do	6.1	1.31		8.0
7-21	do	5.3	1.41		7.6
8-4	do	6.1	1.76		10.7
8-28	do	5.5	1.79		9.8
9-2	do	15.9	1.75		27.8
9-10	do	5.1	1.52		12.2
9-29	do	6.2	1.47		12.1

ENTERPRISE CANAL, D-920

Diverted from Tub Springs, Sec. 23-25-55 W.

Measurements Made above Intersection with Enterprise Canal

10-1	H. H. Osted	22.9	1.05		24.0
10-14	do	21.5	1.49		60.5
3-29	do	25.7	1.12		31.7
6-4	do	26.1	.85		22.2
6-9	do	16.8	.87		14.7
6-23	do	22.5	1.55		43.9
7-3	do	18.5	.81		15.0
7-21	do	21.4	1.46		34.9
8-7	do	16.1	.79		12.7
8-13	do	20.0	1.79		35.8
8-19	do	51.5	1.27		66.2
9-2	do	42.9	2.13		91.1
9-12	do	39.0	1.77		69.0
9-29	do	36.7	1.40		47.1

ENTERPRISE CANAL, D-921 (O. D. A-2455)

Diverted from Winters Creek, Sec. 8-22-54 W.

Measurements Made from Headgate

10-7	H. H. Osted				7.0
6-9	do	2.7	1.62	1.35	4.4
6-28	do			1.75	0
7-8	do	2.2	1.15	1.56	2.6
7-21	do	2.1	.76	1.75	1.6
8-3	do	2.5	.96	1.86	1.8
9-1	do	1.5	1.58	1.88	2.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge, CFS
EXCELSIOR CANAL—D-569, A-2284					
Diverted from Niobrara River—Sec. 10-28-32 W.					
Measurements Made at Headgate					
10-12	K. S. Essex				0.0
11-6	do				.0
5-26	do				.0
6-7	do				.0
7-22	do				.0
8-16	do				.0
9-12	do				0
FARMERS CANAL—D-10					
Diverted from Frenchman River—Sec. 11-3-32 W.					
Measurements Made at Headgate					
10-26	K. S. Essex	8.0	0.64	1.75	5.1
11-26	do				.0
3-22	do				.0
6-29	do				0
8-25	do	7.9	.54	1.45	4.3
FOLLETT-KROTHER CANAL—A-705, A-720, A-975, A-2284					
Diverted from Frenchman River—Sec. 35-5-34 W.					
Measurements Made at Huling Blume					
10-25	K. S. Essex	8.9	2.02	1.59	19.5
11-26	do				.0
3-23	do	6.6	2.21	1.12	14.6
4-26	do	8.4	2.45	1.42	20.8
5-27	do				0
7-27	do	8.3	2.31	1.46	19.7
8-24	do				.0
9-21	do				0
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
11-9	K. S. Essex	1.9	0.62		0.8
6-8	do				0
7-13	do	3.3	1.24		3.9
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
11-9	K. S. Essex	0.6	1.44		0.5
6-8	do				.0
7-13	do	4.8	1.23		5.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydro-grapher	Area of Section	Mean Velocity	Gage Height	Discharge per Sec.
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GADSDEN CANAL—D-426

Diverted from Chadron Creek Sec. 15-33-49 W.

Measurements Made at Headgate

10-7	K. B. Estes				0.0
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GADSDEN CANAL—A-1220

Diverted from Melbeta Drain Sec. 25-24-54 W.

Measurements Made at Headgate

6-25	H. H. Odell	2.3	1.41	1.44	4.6
8-20	do	2.4	.75	1.46	2.8

GERING CANAL—A-365

Diverted from North Platte River and Pathfinder Reservoir
 Sec. 4-23-56 W.

Measurements Made at Rating Flume

10-1	H. H. Odell	35.4	2.87	1.15	109.0
10-14	do			.90	2.4
5-4	do	39.5	3.28	1.32	149.0
6-2	do	15.4	4.38	.81	79.5
6-16	do	35.4	2.89	1.18	102.0
6-21	Guy C. Thatcher	49.7	2.53	1.65	180.5
7-1	H. H. Odell	35.5	2.84	1.16	104.0
7-15	do	28.0	2.78	1.09	98.0
7-22	Guy C. Thatcher			1.85	132.0
8-5	Odell-Higby	58.6	1.84	1.71	144.0
8-6	H. H. Odell	58.6	1.75	1.74	153.0
8-9	Guy C. Thatcher			2.02	171.0
8-15	do			2.09	170.0
8-19	H. H. Odell	52.0	1.97	1.72	163.0
8-23	Guy C. Thatcher			1.75	151.0
9-1	H. H. Odell	58.7	2.05	1.74	165.0
9-5	Guy C. Thatcher			.57	41.1
9-15	H. H. Odell	42.1	.90	.70	37.7
9-29	do	42.1	.79	.48	21.1

GERING CANAL—A-365

Diverted from Melbeta Drain Sec. 24-24-54 W.

Measurements Made at Lateral Headgate

4-12	H. H. Odell	2.0	1.19	1.21	2.2
7-15	do	2.0	1.00	1.42	4.8
1-27	do	2.2	1.19	1.13	2.6
5-11	do	4.9	1.01	1.90	7.9
8-20	do	4.0	1.15	1.55	4.6

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
GERING CANAL A-265					
Diverted from North Platte River—See 4-23-34 W					
Measurements Made at Rating Flume, Rai Lands, Upper Station— NW1, See 29-22-35 W.					
8-18	H. H. Bond	62.2	1.87	1.00	116.0
7-9	do	57.2	2.02	1.2	20.8
4-12	do	58.0	2.08	.86	122.0
5-25	do	62.1	.99	.58	37.7

GOTHENDURH DIVERSION CANAL D-645a, D-645b

Diverted from Platte River—See 29-12-26 W

Measurements Made at Rating Flume—See 28-12-25 W.

Date	A. W. Hall				Discharge Sec. ft.
8-1	do	55.0	3.3	1.80	166.3
8-17	do	59.2	3.45	2.00	240.8
8-27	do	61.6	3.17	2.00	229.5
4-16	do	54.7	3.97	2.41	297.0
4-29	do	51.6	4.25	2.76	360.1
6-4	do	51.3	3.11	1.74	154.7
7-8	do	74.8	3.81	2.0	287.0
7-17	do	84.6	4.25	2.83	362.8

GOTTENBERG IRRIGATION CANAL D-645b

Diverted from Platte River and Sutherland Reservoir—See 29-12-26 W.

Measurements Made at Rating Flume—See 3-11-25 W.

Date	A. W. Hall				Discharge Sec. ft.
10-14	do	92.8	1.88	3.85	371.9
11-4	do	128.8	2.25	4.72	299.4
5-19	do	93.4	1.97	3.16	327.7
6-8	do	95.2	.97	.75	8.4
6-29	do	92.5	1.27	2.25	63.9
7-8	do	104.0	1.63	2.18	64.7
7-16	do	129.3	2.34	4.38	252.8
9-14	do	92.8	1.55	2.99	216.2

GRAF CANAL D-762R D-761R, D-758

Diverted from Blue Check and Crosscut Lake, A-1775

See 19-16-42 W.

Measurements Made at Rating Flume

Date	A. W. Hall				Discharge Sec. ft.
9-16	do	17.7	1.35	1.62	29.8
11-2	do	11.5	.90	1.57	14.4
8-20	do	8.2	.87	.64	4.4
6-26	do	11.7	1.13	1.60	16.8
7-14	do	11	1.46	2.64	29.4
8-3	K. S. Eason	17.5	1.07	1.85	21.5
8-20	A. W. Hall	16.7	1.2	1.62	20.1

DISCHARGE MEASUREMENTS OF CANALS- Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. II.
CHIMM PUMP A-2542					
Diverted from Frenchman River—Sec. 15-5-35					
Measurements Made below Pump					
3-23	K. S. Essex				2.0
GUNDERSON CANAL D-595					
Diverted from Lodgepole Creek Sec. 1-14-52 W.					
Measurements Made at Headgate					
5-26	K. S. Essex				0.0
7-20	do				0
HALL CANAL D-4780					
Diverted from White River Sec. 31-32-52 W.					
Measurements Made at Headgate					
10-3	K. S. Essex				0.0
11-7	do	7.1	1.3	0.90	7.1
12-4	do				0
3-13	do				0
4-5	do				0
6-6	do	8.6	1.03	1.50	13.3
7-9	do	1.0	1.40	0.8	1.0
8-13	do				0
9-10	do				0
HARPER CANAL A-2316					
Diverted from Clear Creek Sec. 32-16-42 W.					
Measurements Made at Headgate					
1-24	A. W. Hall	1.0	1.06	0.62	1.7
2-24	do	2.0	0.6	0.5	1.9
3-3	do	3.1	2.10	0.6	6.5
5-4	do	7.9	1.06	0.6	2.4
9-21	do	1.6	0.8	0.1	5
HARRIS-COPPER CANAL D-464a D-464b, D-464c					
Diverted from White River Sec. 26-32-52 W.					
Measurements Made at Headgate					
10-5	K. S. Essex	2.0	0.85	0.24	1.7
11-5	do				4
3-11	do				0
6-5	do				0
7-3	do				0
8-20	do	7.3	1.63		7.6
9-17	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge per -ft.
HARRIS-NEEDLE CANAL, D-517, A-2275					
Diverted from Nohrara River Sec. 3-28-55 W					
Measurements Made at Headgate					
10-10	K. S. Essex	62	1.75		11.0
11-7	Essex-Hamussen	49	1.89		8.6
12-5	K. S. Essex				0
5-10	do				0
6-7	do	63	1.87		12.7
7-12	do	44	1.39		7.7
8-16	do	55	1.96		11.1
9-12	do	65	2.02		13.7

HARTZELS CANAL, D-445					
Diverted from Little Bordeaux Creek Sec. 13-33-48 W.					
Measurements Made at Headgate					
10-9	K. S. Essex				0.0
11-4	do				0
3-31	do				0
4-14	do				0
5-9	do				0
6-5	do	0.4	0.73		.3
7-8	do	1.2	1.33		1.6
8-12	do				0
9-3	do				0

HAT CREEK CANAL, WEST, D-553a					
Diverted from Hat Creek Sec. 16-32-55 W					
Measurements Made below Headgate					
6-8	K. S. Essex				0.0
7-11	do				0
8-15	do				0

HIGH LINE CANAL, A-1852					
Diverted from Jim Creek Sec. 13-33-57 W.					
Measurements Made at Headgate					
5-11	Essex-Hamussen				0.0
6-8	K. S. Essex				0
7-11	do				0

HITCHEW CANAL, A-1260					
Diverted from Nohrara River Sec. 6-28-52 W.					
Measurements Made at Headgate					
10-22	K. B. Essex				0.0
3-19	do	7.2	1.93		14
6-7	do	3.6	1.51		6.8
8-16	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
HOLLINGSWORTH CANAL D-723					
Diverted from South Platte River—Sec. 7-13-38 W.					
Measurements Made at Rating Flume					
8-4	K. S. Eaves	5.4	1.35	2.12	7.3

HOOVER CANAL D-781, D-763R					
Diverted from Blue Creek and Crescent Lake, A-1525 Sec. 6-16-42 W.					
Measurements Made at Rating Flume					

10-10	A. W. Hall	..	..		0.0
11-2	do	..	..		0
5-4	do	4.2	1.44	0.25	6.3
5-24	do	6.0	1.53	1.20	9.2
5-28	do	5.2	1.54	1.05	8.1
7-14	do	5.3	1.40	1.05	7.4
8-3	K. S. Eaves	7.1	1.72	1.46	12.2
8-30	A. W. Hall	6.7	1.41	1.35	13.0

HOOVER CANAL D-352					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10-18	K. S. Eaves	6.5	0.73	1.47	5.1
11-15	do	6.9	.93		5.2
1-18	do	5.9	.75		4.4
2-28	do	5.7	.90		5.1
4-26	do	5.9	.86		5.1
5-25	do	..	..		.0
6-25	Eaves-Hanna	5.2	.45		2.3
7-26	do	6.0	.84		2.0
8-30	do				0

HOPKINS CANAL—A-2135					
Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.					
Measurements Made at Headgate					
5-29	K. S. Eaves				0.0
6-28	do	1.0	0.65		.8

HORSE CREEK CANAL D-153, D-173					
Diverted from Horse Creek Sec. 23-1-39 W.					
Measurements Made at Headgate					
10-1	K. S. Eaves	0.8	0.80		0.6
9-25	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (C.F.)
HOWARD CANAL—D-336, A-1840					
Diverted from Lodgepole Creek Sec. 31-14-47 W.					
Measurements Made at Headgate					
10-30	K. S. Essex				0.0
11-27	do				.0
3- 2	do				.0
3-31	Karna-Hansen				.0
6-23	K. S. Essex				.0
7-20	Essex-Hansen				.0
9- 1	K. S. Essex				.0
9-25	do				.0

HUGHES CANAL, D-987a, D-987b					
Diverted from Niobrara River Sec. 1-28-32 W.					
Measurements Made at Headgate					
10-10	K. S. Essex				0.0
11- 6	do				.0
3- 7a	do				.0
6- 7	do				0
8-16	do				0
9-12	do				1.5

HURLBY-LILLY-POLLY CANAL, D-354					
Diverted from Lodgepole Creek Sec. 20-15-56 W.					
Measurements Made at Rating Flume					
10-19	K.S. Krenz				0.0
11-16	do	2.0	1.24	0.46	2.7
1-19	do				0
3- 2	do				0
3-20	do				.0
4-25	do				.0
5-26	do	3.3	1.10	.50	4.5
6-28	Karna-Hansen				.0
7-19	K. S. Essex	2.5	1.31	.41	2.3
8-31	Essex-Huffman	2.3	.87	.41	2.7
9-27	K. S. Essex				.0

INDEPENDENT CANAL, D-343					
Diverted from Lodgepole Creek Sec. 7-14-58 W.					
Measurements Made at Headgate					
10-18	K. S. Essex				0.0
2-28	do				.0
4-26	do	2.4	0.31		.7
5-25	do				2
6-28	do				.0
8-30	Essex-Huffman				0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W.					
Measurements Made at Rating Flume					
10-19	K. S. Evers	99	1.74	1.68	1.6
11-19	do				.0
1-11	do				.0
3-22	do				.0
4-18	do	122	.71	1.26	8.7
5-21	do	107	.62	1.08	6.6
7-26	do				.0
8-23	do				.0
9-20	do				.0

JOHNSON CANAL—D-811					
Diverted from Nebraska River—Sec. 36-31-57 W.					
Measurements Made at Headgate					
10-11	K. S. Evers				0.0
5-11	Evers-Kauffman				.0
6-8	K. S. Evers				.0
7-12	do				.0
8-15	do				.0

JOHNSON CANAL—A-812					
Diverted from Lodgepole Creek—Sec. 23-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Evers				0.0
8-8	do	2.4	0.71		1.7
4-1	do	1.2	.95		1.2
6-29	do	2.4	1.0		2.4
9-29	do				0

JORDAN CANAL—A-841					
Diverted from Munroe Creek and Jordan Reservoir, A-841—					
Sec. 13-33-56					
Measurements Made at Headgate					
8-15	K. S. Evers				0.1

KAY CANAL—A-2250					
Diverted from Nebraska River—Sec. 1-28-54 W.					
Measurements Made at Headgate					
5-30	K. S. Evers				0.0

KEARNEY CANAL—D-1023, A-1577					
Diverted from Platte River—Sec. 3-8-18 W.					
Measurements Made at Rating Flume North of Odessa—Sec. 33-9-17 W.					
10-8	A. W. Hall				0.2
10-18	do	109.4	2.04	5.67	316.6

(Continued on next page)

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (Sec. Ft.)
KEARNEY CANAL—Continued					
10-21	A. W. Hall	189.5	2.03	5.54	123.5
11- 8	do	171.2	2.65	5.89	155.8
12-19	do	171.1	1.95	5.90	217.2
1- 6	do	189.8	2.94	4.42	290.8
1-27	do	122.9	1.18	3.63	67.2
2-26	do	161.5	1.79	5.96	176.2
4-13	do	151.5	1.50	5.42	232.3
4-24	do	182.7	2.15	6.27	396.9
6- 6	do	186.4	2.18	6.26	402.8
6-23	do	133.1	1.85	4.80	245.2
7-10	do	180.1	2.15	6.28	406.2
7-14	do	25.5	1.73	3.91	128.5
7-29	do	66.3	1.63	3.54	84.2
7-23	do	121.4	1.75	4.52	181.3
7-29	do	235.6	1.32	5.16	252.5
8- 4	do	2.2	1.74	4.34	172.6
8-14	do	88.9	1.56	3.34	106.2
8-20	do	86.4	1.83	4.07	145.2
9-17	do	392.0	2.14	6.22	411.4
KEITH-LINCOLN COUNTY CANAL D-122 Diverter from North Platte River—Sec. 18-14-36 Measurements Made at Rating Flume					
10- 6	A. W. Hall	21.5	1.64	0.52	41.9
5-17	do	25.4	1.84	.91	43.6
9-20	do	23.4	1.24	.76	40.6
KELSO CANAL—A-2151, A-2278, A-2328, A-2456 Diverter from Big Bordeaux Creek—Sec. 14-33-45 W. Measurements Made at Pump					
8-12	E. S. Foster				0.6
KIMBALL CANAL, NORTH—A-897 Diverter from Lodgepole Creek and Oliver Reservoir, A-897— Sec. 36-15-57 W. Measurements Made below Headgate					
7-18	Katez Hanna	4.9	0.95	1.35	4.7
8-21	do	5.0	1.74	1.32	5.7
9-27	do	6.0	1.64	1.50	9.0
KIMBALL CANAL, SOUTH—A-897 Diverter from Lodgepole Creek and Oliver Reservoir, A-897 Sec. 36-15-57 W. Measurements Made at Headgate					
7-14	Katez Hanna	4.1	1.66	1.11	8.4
8-23	do	7.5	2.15	1.50	15.8
9-22	do	12.6	2.80	2.08	35.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Cfs.
KING CANAL, EAST—A-1440, A-1587					
Diverted from Lawrence Fork Creek Sec. 15-18-52 W.					
Measurements Made at Headgate					
3-15	K. S. Essex				0.0
5-15	do				.0
6-14	do	30	1.70		5.3
KING CANAL, WEST—A-1440					
Diverted from Lawrence Fork Creek Sec. 15-18-52 W.					
Measurements Made at Headgate					
3-15	K. S. Essex				0.0
5-15	do				.0
6-14	do	18	1.05		1.9
KINNEY CANAL, NORTH D-345, A-716					
Diverted from Lodgepole Creek Sec. 33-15-56 W.					
Measurements Made at Headgate					
8-1	K. S. Essex				0.0
5-26	do	2.4	0.55	0.10	1.5
8-28	Knox-Hanna				.0
7-19	K. S. Essex	4.4	.17	1.12	8
8-31	Knox-Hanna				.1
9-27	do				0
KINNEY CANAL, SOUTH D-345, D-350, A-718R, A-1828					
Diverted from Lodgepole Creek—Sec. 33-15-56 W.					
Measurements Made at Headgate					
10-18	K. S. Essex	2.4	0.71	0.36	2.9
12-14	do				.0
1-19	do				.0
3-1	do				.0
3-30	do				.0
5-26	do	.8	2.37	.20	1.1
6-29	do	2.8	1.67	.73	3.0
7-19	do	1.3	1.37	.57	1.8
8-31	Knox-Hanna	2.4	1.15	.67	2.8
9-27	do				.0
RITE CANAL—A-1375, A-1469, A-1470					
Diverted from Moufou Creek and Jordan Reservoir, A-1398—					
Sec. 13-33-56 W.					
Measurements Made at Headgate					
5-13	Knox-Hannuswell				0.1
8-15	K. S. Essex				.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec. ft.
KHUTCHER CANAL NO. 1 D-325, D-368					
Diverted from Lodgepole Creek Sec. 29-14-48 W.					
Measurements Made at Headgate					
10-20	K. S. Essex	1.1	2.28		2.5
11-17	do	7.0	.62		4.4
3- 2	do	7.0	.64		4.4
3-31	Essex-Hansen	4.5	1.24		5.6
5-26	K. S. Essex				.0
6-29	do				.0
1-20	do				.5
5- 1	do				1.5
9-28	do				.0
KHUTCHER CANAL NO. 2 D-324					
Diverted from Lodgepole Creek Sec. 32-14-48 W.					
Measurements Made at Headgate					
10-20	K. S. Essex	1.9	0.77		1.4
11-17	do	2.6	.56		1.4
1- 2	do	2.5	1.26		4.8
3-31	Essex-Hansen	3.2	.56		2.7
5-26	K. S. Essex				.0
6-29	do				.0
1-20	Essex-Hansen				.0
5-26	K. S. Essex				.0
KHUTCHER CANAL NO. 3 D-323					
Diverted from Lodgepole Creek Sec. 32-14-48 W.					
Measurements Made at Headgate					
10-20	K. S. Essex				0.0
11-17	do				.0
3- 2	do				.0
3-31	Essex-Hansen				.0
5-26	K. S. Essex				.0
6-29	do				.0
1-20	Essex-Hansen				.0
5-26	K. S. Essex				.0
LABELLE CANAL D-518, A-80					
Diverted from Nebraska River Sec. 8-26-54 W.					
Measurements Made at Headgate					
10-32	K. S. Essex	1.6	6.00		9.6
11- 7	Essex-Hansen	1.6	5.06	0.40	8.1
12- 5	K. S. Essex				.0
5-10	do	5.7	2.47	1.25	13.9
6- 7	do	4.5	1.20	1.25	5.1
7-22	do	2.8	1.57	.85	4.4
8-16	do	2.8	1.62	.70	4.7
9-22	do				"

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (Sec. 51)
LAING CANAL, D-525					
Diverted from Lawrence Fork Creek—Sec. 28-16-52 W					
Measurements Made at Headgate					
6-14	K. S. Essex	..	.		0.0
LAKOTA CANAL, D-554					
Diverted from Nebraska River—Sec. 1-30-57 W					
Measurements Made at Headgate					
10-13	K. S. Essex	0.2	0.45		4.7
5-11	Essex-Hansen	7.6	1.17		8.8
7-12	K. S. Essex	7.1	.81		5.7
8-15	do	8.7	.70		4.1
LAMORE CANAL, A-327					
Diverted from North Platte River—Sec. 34-19-48 W					
Measurements Made at Headgate					
9-21	A. W. Hall	0.8	0.45		0.4
LAST CHANGE CANAL, D-583					
Diverted from Philippsseed Creek—Sec. 27-19-50 W.					
Measurements Made at Rating Plume					
10-24	K. S. Essex	12.9	0.65		8.4
11-31	do	8.4	1.35	1.55	11.6
11-27	do	2.2	1.50	58	5.6
12-22	do				0.
3-10	do				0.
4-29	do				0.
5-17	do	4.4	1.87	57	6.1
6-12	do				0.
7-17	do				0.
8-1	do	2.7	1.65	44	4.4
8-18	do	5.1	1.67	59	9.4
9-15	do				0.
9-20	do				0.
LEHLY CANAL—D-312					
Diverted from Lodgepole Creek—Sec. 30-14-47 W.					
Measurements Made at Headgate					
10-20	K. S. Essex	0.3	0.28		0.1
11-14	do				0.
3-2	do				1.7
3-21	Essex-Hansen				0.
5-27	K. S. Essex	2	.79		2.
6-29	do				0.
7-21	do				0.
8-1	do				0.
9-28	do				0.

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge per Sec.
LIBBY CANAL D-313					
Diverted from Lodgepole Creek—Sec. 36-14-47 W					
Measurements Made at Headgate					
9-1	K. S. Essex				0.0
9-26	do				0
LIBBY CANAL D-314					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
Measurements Made at Headgate					
8-29	K. S. Essex	3.2	1.57		6.3
7-21	do				5
9-1	do				5
9-24	do				0
LIBBY CANAL—D-315					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
Measurements Made at Headgate					
8-29	K. S. Essex				0.0
7-21	do				0
9-1	do				0
9-28	do				0
LICHTE CANAL D-479, A-1086, A-1088, A-2523					
Diverted from Niobrara River—Sec. 27-29-48 W.					
Measurements Made at Headgate					
11-9	K. S. Essex				0.0
12-1	do	1.7	0.18		.3
4-14	do	3.7	2.00		6.6
5-2	do	5.6	1.75		10.0
6-9	do	7.5	.98		7.4
7-13	do				0
LISCO CANAL D-787, D-856, A-243, A-891					
Diverted from North Platte River—Sec. 14-18-47 W.					
Measurements Made at 40-Foot Weir—Sec. 24-18-47 W.					
11-2	A. W. Hill				2.0
LOGAN CANAL D-802					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
Measurements Made at Headgate					
12-13	K. S. Essex				0.0
3-17	do	3.3	0.87		2.4
6-15	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
LOGAN CANAL D-821					
Diverged from North Platte River Sec. 24-20-51 W.					
Measurements Made at Rating Flume					
6-27	Odel Hervert	0.2	0.44		0.1

LOBERGAN CANAL D-889					
Diverged from Loborgan Creek—Sec. 17-15-36 W.					
Measurements Made at Headgate					
3-4	A. W. Hall	1.8	1.42	0.45	2.6
3-17	do	1.7	1.27	0.45	2.1

LYNGHOLM CANAL D-357					
Diverged from Lodgepole Creek—Sec. 14-14-51 W.					
Measurements Made at Headgate					
10-19	E. S. Evers	2.4	0.31		1.3
12-17	do				0
1-19	do				0
3-3	do				0
3-30	do				0
4-26	do	1.3	.66		8
5-26	do				0
6-25	do				.2
7-20	do				0
8-1	do				0
8-24	do				0

LYONS CANAL D-803					
Diverged from North Platte River Sec. 30-17-44 W.					
Measurements Made at Rating Flume					
11-7	A. W. Hall				0.0
4-31	do	8.5	1.42	0.76	9.3

McAULIFFE CANAL—D-814					
Diverged from Lodgepole Creek Sec. 21-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Evers				0.0
3-3	do				0
4-3	do				0
6-29	do				0
7-21	do				0
8-23	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (cfs.)
McAULIFFE CANAL, A-1059					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
1-1	K. S. Essex				0.0
4-22	do				0
7-21	do				.0
9-29	do				0
McGINLEY-STOVER CANAL, NORTH, D-513a					
Diverted from Nebraska River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
10-11	K. S. Essex				0.0
11-7	Essex-Rasmussen	5.1	1.35		7.1
5-11	do				0
7-12	K. S. Essex	7.0	.83		5.8
9-12	do				.0
McGINLEY-STOVER CANAL, SOUTH, D-513b					
Diverted from Nebraska River—Sec. 25-29-58 W.					
Measurements Made at Headgate					
10-11	K. S. Essex				0.0
11-7	Essex-Rasmussen				.0
5-11	do	6.0	1.06		6.3
7-12	K. S. Essex	1.0	.50		.7
9-12	do				.0
McINTOSH CANAL, D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-19-36 W.					
Measurements Made at Headgate					
10-13	K. S. Essex	3.5	0.56	1.8'	2.2
11-16	do	3.9	.60	1.59	3.1
3-20	do				.0
5-28	do				0
6-27	do				.0
7-23	Essex-Hanna	4.4	.15	2.0'	1.3
8-31	do	5.1	.35	1.73	1.9
9-27	do	5.7	.62	1.52	4.6
McLAUGHLIN CANAL, D-956					
Diverted from Lodgepole Creek—Sec. 25-14-46 W.					
Measurements Made at Headgate					
10-20	K. S. Essex				0.0
3-1	do				.5
6-29	do				0
7-20	Essex-Hansen				.0
9-26	K. S. Essex				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, Sec. ft.
MELATCHELIN CANAL—D-565					
Diverted from Nebraska River Sec. 9-28-52 W.					
Measurements Made at Headgate					
10-12	K. S. Eason	3.9	0.02		0.6
11-5	do	2.0	.86		3.1
5-10	do	1.4	1.32		1.9
6-7	do	1.2	.33		0.5
7-12	do	1.7	1.15		2.0
8-26	do				.0
9-12	do				.0

MARANVILLE CANAL, D-70, D-71
 Diverted from Frenchman River Sec. 12-8-41 W.

Measurements Made at Headgate

10-23	K. S. Eason	2.4	0.56	2.45	4.2
11-18	do	5.4	.31	2.21	2.1
1-11	do	6.4	.43	2.16	3.1
3-22	do	6.4	.56	7.20	3.6
4-19	do				0
5-20	do	4.9	.75	2.32	5.1
6-17	do				0
7-26	do				0
8-23	do	0.4	.21	2.10	1.3
9-20	do				0

MESKIEE CANAL, D-4, D-7, D-8, D-9
 Diverted from Republican River Sec. 15-3-31 W.

Measurements Made at Headgate

10-28	K. S. Eason	19.5	1.49	2.00	29.5
3-24	do				.0
4-20	do	17.2	1.27	1.25	32.8
5-22	do	19.1	1.39	1.30	34.0
6-20	do				5
7-25	do	12.1	1.77	2.08	30.7
8-25	do	15.5	1.70	2.05	31.3
9-22	do	5.5	.84	1.10	5.0

MEGLEMBE CANAL, A-294, A-853
 Diverted from Greenwood Creek Sec. 3-18-50 W.

Measurements Made at Rating Flume

6-14	K. S. Eason	4.1	1.74		6.3
8-19	do	.3	.50		.5
9-17	do	2.0	1.45		2.9
9-30	do	1.0	2.40		1.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MEREDITH-AMMER CANAL, D-878					
Diverted from Pumpkinseed Creek Sec. 23-19-50 W.					
Measurements Made at Rating Flume					
10-14	K. N. Kasey	18	1.32	0.30	2.2
11-27	do	..	..	..	.0
3-16	do	..	..	..	.0
4-29	do	3.0	1.91	.48	5.8
5-17	do	1.2	.53	.12	.6
6-12	do	1.8	1.50	.32	2.7
7-17	do	2.4	1.91	.41	4.5
8-1	do	1.2	1.09	.21	1.2
8-19	do	6.7	2.00	.50	24
9-17	do	..	..	..	.0
9-30	do	5	.51	.12	4

MERIDIAN CANAL, D-450, A-480					
Diverted from Niagara River Sec. 25-29-50 W.					
Measurements Made at Headgate					
11-9	K. N. Kasey	4.3	1.15	1.11	5.2
5-10	do	..	..	..	.0
6-9	do	4.5	1.25	1.50	5.7
7-12	do	..	..	..	.0

METTLEN CANAL, A-292, A-1248, A-2244					
Diverted from Niagara River Sec. 4-38-54 W.					
Measurements Made at Headgate					
10-17	K. S. Eusey	..	..	..	0.0
11-7	Edwa. Rasmussen	2.2	1.33	0.53	3.5
5-10	K. S. Eusey	2.8	.47	..	1.2
6-7	do	4.7	.26	..	1.2
7-12	do	..	..	..	.6
8-16	do	..	..	..	.5
9-12	do	..	..	..	.9

MIDDLE LOUP PUBLIC POWER & IRRIGATION DISTRICT,					
CANAL NO. 1					
Diverted from Middle Loup River Sec. 10-19-18 W.					
Measurements Made at Headgate (A-2293)					
7-21	H. S. Peters	11.0	1.18	2.30	14.7
8-1	do	11.5	1.14	2.29	15.4
8-7	do	14.9	1.41	2.54	21.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
MIDDLE LOUP PUBLIC POWER & IRRIGATION DISTRICT, CANAL NO. 1—Continued					
8-14	H. S. Peters	14.9	1.62	2.58	24.7
8-20	do	13.7	1.34	2.28	18.3
8-25	do	13.5	1.47	2.29	19.9
9- 2	do	12.5	1.24	2.10	15.5
9- 8	do	9.5	1.27	1.85	12.0
9-16	do	9.2	1.36	1.74	9.8
9-23	do	9.7	1.53	1.95	13.9
9-30	do	11.4	1.45	2.01	16.0

MIDDLE LOUP PUBLIC POWER & IRRIGATION DISTRICT,
CANAL NO. 2

Diverted from Middle Loup River Sec. 10-18-18 W.

Measurements Made at Headgate (A-2283)

8-18	H. S. Peters	5.4	0.72	2.52	4.0
8-20	do	7.6	.81	.70	4.4
8-25	do	9.0	1.05	.89	3.3
8-27	do	10.3	1.25	1.02	12.9
9- 2	do	12.2	1.51	1.12	15.5
9- 9	do	9.5	1.15	.97	10.9

MIDDLE LOUP PUBLIC POWER & IRRIGATION DISTRICT,
CANAL NO. 3

Diverted from Middle Loup River Sec. 6-17-16 W.

Measurements Made at Headgate (A-2293)

8- 1	H. S. Peters	6.1	1.24	2.22	8.3
8- 4	do	4.3	1.64	.66	16.2
8- 7	do	9.4	1.73	.74	16.9
8-14	do	12.4	2.37	1.24	44.8
8-20	do	15.0	2.22	1.20	43.6
8-27	do	20.5	2.90	1.80	51.3
9- 2	do	16.0	1.91	1.02	30.4
9- 9	do	13.7	1.44	.90	19.3
9-16	do	13.7	1.57	.89	21.0
9-23	do	16.7	2.15	1.06	35.1
9-30	do	12.5	2.43	1.12	42.6

MIDDLE LOUP PUBLIC POWER & IRRIGATION DISTRICT,
CANAL NO. 4

Diverted from Middle Loup River Sec. 26-18-17 W.

Measurements Made at Headgate (A-2283)

8- 4	H. S. Peters	10.5	1.52	1.12	16.0
8- 7	do	13.4	1.53	1.30	20.4
8-14	do	19.8	1.91	1.70	32.9

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DISCHARGE MEASUREMENTS OF CANALS--Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. 4'
MIDDLE LOOP PUBLIC POWER & IRRIGATION DISTRICT, CANAL NO. 4 Concluded					
8-24	H. S. Peters	29.0	1.69	1.66	32.7
8-27	do	27.4	1.76	1.60	39.8
9- 2	do	22.2	1.72	1.78	36.4
9- 9	do	19.7	1.43	1.58	28.2
9-16	do	17.1	1.62	1.55	11.5
9-23	do	21.1	1.58	1.64	32.6
9-26	do	21.3	1.60	1.62	33.9

MIDLAND-OVERLAND CANAL, D-785, D-791, D-800R
 Diverted from North Platte River Sec. 2-16-44 W.
 Measurements Made at Rating Flume

10- 4	A. W. Holt	30.3	1.76	1.45	14.1
11- 2	do			.01	.5
5- 4	do	1.0	.90	.90	.5
8- 2	K. S. Peters	2.4	.91	.85	5.9
9- 1	A. W. Holt	3.2	1.03	.91	5.2
9-22	do	4.0	1.00	.66	2.8

MINATURE CANAL, D-919
 Diverted from North Platte River Sec. 32-22-54 W.
 Measurements Made at Waste Gate

5- 9	H. H. Odell	5.3	0.92	0.18	1.7
5-12	do	26.2	1.51	.62	39.4
5-25	do	26.0	1.54	.71	40.1
6- 9	do	48.5	1.67	1.07	77.5
6-23	do	55.7	1.44	1.72	79.9
7- 5	do	43.7	1.80	1.00	76.9
7-23	do	25.4	1.52	.63	29.0
8- 7	do	77.5	2.64	1.12	78.0
8-16	do	5.0	1.11	.12	3.8
9-10	do	23.2	1.49	.58	23.5
9-22	do	15.3	1.58	.44	24.2

MITCHELL CANAL
 Diverted from North Platte River Sec. 10-23-60 W., Wyoming
 Measurements Made at Rating Flume

10- 1	H. H. Odell	54.6	2.24	1.15	120.0
10-14	do			.62	8.0
10-27	do	25.0	1.36	.41	54.6
11- 4	do	32.0	2.56	.61	60.0
5- 4	do	11.3	.91	.92	2.5
5-13	do	23.6	2.92	.57	74.5

Continued on next page

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. Ft.
MITCHELL CANAL—Continued					
5-31	H. W. Higley	15.7	2.58	0.39	44.2
5-31	do	12.1	1.61	.78	52.0
6- 2	H. W. Higley	20.0	2.78	.48	53.0
6- 2	H. W. Higley	12.4	1.54	.38	50.0
6- 7	do	19.9	1.63	.28	45.1
6- 8	do	12.0	1.94	.39	30.0
6-10	do	13.0	1.79	1.60	37.0
6-10	do	29.0	2.51	1.38	173.0
6-16	H. W. Higley	25.5	1.39	1.65	164.0
6-23	H. W. Higley	26.0	1.70	1.76	190.0
7- 1	E. H. O'Brien	13.0	1.74	1.32	178.0
7- 6	H. W. Higley	20.0	2.14	1.76	193.0
7-15	E. H. O'Brien	26.2	1.84	1.82	177.0
7-15	H. W. Higley	78.0	2.72	1.81	166.0
7-26	do	63.0	2.56	1.46	161.0
7-28	E. H. O'Brien	61.2	2.49	1.49	160.0
8- 5	Ostell Higley	80.0	1.19	1.82	135.0
8- 5	H. H. O'Brien	80.0	1.20	1.82	196.0
8- 6	do	80.0	1.14	1.81	191.0
8- 8	H. W. Higley	75.0	2.15	1.51	188.0
8-12	E. H. O'Brien	3.0	1.00	.74	9.8
8-23	H. W. Higley	26.0	2.19	1.50	188.0
8-31	do	65.0	2.50	1.78	176.0
8-31	J. V. Beatty	80.0	2.43	1.78	190.0
9- 1	E. H. O'Brien	26.0	2.35	1.54	231.0
9- 5	H. W. Higley	26.0	2.21	1.50	197.0
9-18	do	48.0	2.70	1.86	170.0
9-18	E. H. O'Brien	110.0	2.41	.70	56.0
9-28	H. W. Higley	28.0	2.57	.52	72.0
9-29	E. H. O'Brien	21.6	2.08	.52	66.0

MITCHELL CANAL.

Diverted from Long Drain—Sec. 30-22-57 W.

Measurements Made below Pump

8-18	E. H. O'Brien				2.0
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MONROE CANAL, BIG D-506, A-2372

Diverted from Monroe Creek—Sec. 31-33-56 W.

Measurements Made at Bonagate

5-11	K. S. Essex	0.7	0.86		0.6
5-17	Essex Harbottle				0
5-11	do	.7	.86		.7
6- 8	K. S. Essex				.0
8-15	do	1	.0		1

DISCHARGE MEASUREMENTS OF CANALS--Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage (Height)	Discharge (Sec. Ft.)
MONTAGUE CANAL A-575					
Diverted from Neshoba River Sec. 27-29-48 W.					
Measurements Made at Headgate					
11-9	K. S. Essex	27	0.15	0.90	0.4
12-7	do				.0
1-9	do	29	.22		.6
7-23	do				.0
MONTGOMERY CANAL D-559					
Diverted from Saw Helly Creek Sec. 21-23-55 W.					
Measurements Made at Headgate					
11-7	Essex-Rasmussen	20	0.40	...	0.8
5-8	K. S. Essex				.0
7-11	do				.0
8-15	do				0
MOORE CANAL A-86					
Diverted from Neshoba River Sec. 9-28-53 W.					
Measurements Made at Headgate					
1-10	K. S. Essex				0.0
11-8	do				.0
5-19	do				.0
6-7	do				0
7-17	do	27	0.30		4.5
8-10	do				.0
9-10	do				.1
MUTUAL CANAL D-843					
Diverted from Pumpkinseed Creek Sec. 13-19-52 W.					
Measurements Made at Rating Flume					
10-11	K. S. Essex	28	1.98	0.11	4.1
12-12	do	32	1.00	.78	5.9
1-17	do	35	1.81	1.10	6.7
4-29	do				0
5-18	do	29	2.28	.80	6.0
6-11	do				.0
7-17	do				0
8-1	do	24	2.71	1.06	7.4
8-19	do				.0
9-17	do				.0
9-20	do	4	.69	.58	3

DISCHARGE MEASUREMENTS OF CANALS—Continued
 Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec-ft
NASLAND CANAL A-661					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
Measurements Made at Headgate					
4-1	K. S. Esary	1.9	0.15		15
9-21	do				0
NELSON CANAL D-845					
Diverted from Greenwood Creek—Sec. 33-18-50 W.					
Measurements Made at Headgate					
6-14	K. S. Esary				0.0
5-19	do				0
6-27	Erud Hevort	1.2	1.00		4.2
9-20	K. S. Esary	3.5	1.03		3.6
NEUMAN CANAL NO. 2 A-965					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Esary				0.0
1-3	do	3.2	0.31		0.0
6-30	do				.0
9-23	do				.0
NEUMAN CANAL A-611, A-1415					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Esary				0.0
11-18	do	2.5	0.41		1.0
1-20	do				0
3-8	do	2.1	1.03		2.2
4-1	do	2.3	.74		1.7
6-30	do				0
9-23	do				0
NIEHUS CANAL A-550					
Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.					
Measurements Made at Headgate					
3-16	K. S. Esary				0.0
NINE MILE CANAL D-925					
Diverted from North Platte River—Sec. 13-21-54 W.					
Measurements Made at Rating Flume—Sec. 16-21-53 W.					
10-7	R. H. Goff	0.9	0.69	0.35	0.4
5-2	do	26.3	1.54	1.09	35.4

Continued on next page

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge, cfs
NINE MILE CANAL, D-641					
6-28	J. H. Goff	27.9	1.81	1.31	14.6
6-1	do	28.2	1.80	2.25	26.5
6-15	do	32.7	1.87	2.52	61.0
6-30	do	30.7	1.88	2.49	66.6
7-11	do	26.5	1.85	1.96	41.0
7-14	do	27.8	1.15	1.86	52.4
7-28	do	26.7	1.76	1.79	46.2
8-3	do	29.2	1.79	1.65	28.7
8-14	do	28.7	1.27	1.61	52.7
8-19	do	8.0	5.92	1.41	28.9
8-22	do	1.5	1.42	1.58	11.0

NINE MILE CANAL, D-925

Diverted from Nine Mile Drain See 21-21-53 W.
 Measurements Made below Pump

8-11	H. K. Goff				3.8
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NORTH PLATTE CANAL, D-635

Diverted from North Platte River—See 13-14-54 W.
 Measurements Made at Rating Flume

1-19	A. W. Hall	29.0	2.31	0.61	45.7
2-17	do	29.0	2.08	.97	57.7
4-9	do	28.9	3.00	1.15	104.8
7-12	do	17.2	2.14	1.95	130.0
8-5	K. S. Essex	24.3	3.62	1.82	175.0
8-26	A. W. Hall	64.3	3.33	2.76	211.5
9-29	do	17.6	2.60	.8	47.7

NORTHPORT CANAL, A-769

Diverted from North Platte River and Pathfinder Reservoir
 See 3-23-58 W.

Measurements Made at Red Willow Rating Flume See 14-21-51 W					
6-8	H. H. Goff	98.7	1.24	2.18	191.0

OBERSFELDER CANAL, D-306

Diverted from Lodgepole Creek See 31-14-16 W
 Measurements Made at Headgate

7-21	K. S. Essex				0.6
8-7	do				.6
9-29	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of section	Mean Vel. - Ft.	Stage Height	Discharge Cfs.
OBERFELDER CANAL, D-597					
Diverted from Springs Creek Sec. 31-14-16 W.					
Measurements Made at Headgate					
10-20	K. S. Essex				100
11-29	do.				1
OBERFELDER CANAL, D-333					
Diverted from Lodgepole Creek Sec. 31-14-16 W.					
Measurements Made at Headgate					
10-20	K. S. Essex				100
3-23	Frank Hansen				1
7-23	K. S. Essex				5
9-7	do.				0
9-29	do.				1
ODONNELL CANAL, A-432, A-2038					
Diverted from Big Bordeaux Creek Sec. 9-34-45 W.					
Measurements Made at Headgate					
11-1	K. S. Essex	11	115		17
2-12	do.				0
5-5	do.				1
5-8	do.				2
OLD SOW BELLY CANAL, D-533					
Diverted from Sow Belly Creek Sec. 7-22 90 W.					
Measurements Made at Headgate					
5-13	Kates, Thompson	98	136		17
5-13	do.	75	96		14
6-5	K. S. Essex	8	121		10
7-13	do.				1
8-15	do.	6	12		3
ORCHARD-ALFAFA CANAL, D-627					
Diverted from Platte River Sec. 9-10-21 W.					
Measurements Made at Rating Flume					
10-5	A. W. Hill	261	1.61	219	575
11-6	do.	261	1.72	215	610
4-16	do.	285	1.87	138	538
4-29	do.	350	1.69	55	221
5-20	do.	313	1.35	36	150
6-5	do.	303	1.66	55	191
6-27	do.	351	1.76	50	217
7-9	do.	391	1.81	59	231
9-15	do.	211	1.59	158	309

DISCHARGE MEASUREMENTS OF CANALS -Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Water Depth	Discharge Sec-FT.
OSHKOSH CANAL, D-797, A-243					
Diverted from North Platte River, Sec. 33-17-14 W.					
Measurements Made at Rating Flume					
10-4	A. W. Hall	15.8	1.59	1.57	9.3
11-2	do	16.5	.37	1.15	6.2
7-7	do	3.1	.57	1.18	2.5
8-2	K. S. Evers	11.9	.29	1.54	4.9
9-1	A. W. Hall	22.1	1.64	1.70	32.0
OTTER CREEK CANAL, D-1032, A-1, A-1198, A-1210					
Diverted from Otter Creek, Sec. 5-15-43 W.					
Measurements Made at Headgate					
5-17	A. W. Hall	9.9	1.35	1.25	11.7
5-25	do	2.7	1.48	1.20	5.4
6-10	do	3.8	1.29	1.26	6.3
7-14	do	6.0	1.35	1.51	9.6
OWASCO CANAL, D-347, A-725					
Diverted from Lodgepole Creek, Sec. 29-15-33 W.					
Measurements Made at Rating Flume					
10-15	K. S. Evers	4.9	1.20	1.50	9.2
10-29	do				.0
11-15	do				.0
1-1	do				.0
1-29	do				.0
4-25	do	2.0	1.32	.38	1.7
5-25	do				.0
6-25	do				.0
7-18	do	2.4	1.64	.38	4.0
8-31	Evers-Hanna	2.2	1.41	.36	3.5
9-27	do	2.7	1.11	.26	3.9
OWASCO (RAY STATE) LATERAL, D-347R					
Diverted from Lodgepole Creek, Sec. 29-15-33 W.					
Measurements Made out of Owasco Canal					
10-18	K. S. Evers	0.7	0.72	0.21	0.5
11-16	do				.0
7-19	do	.9	.45	.17	.5
8-31	Evers-Hanna	1.7	.50	.21	1.5
9-27	do	.5	.54	.12	.1
OX YORK CANAL, D-447					
Diverted from Ash Creek, Sec. 29-32-33 W.					
Measurements Made at Headgate					
11-6	K. S. Evers				0.0
5-12	do				0

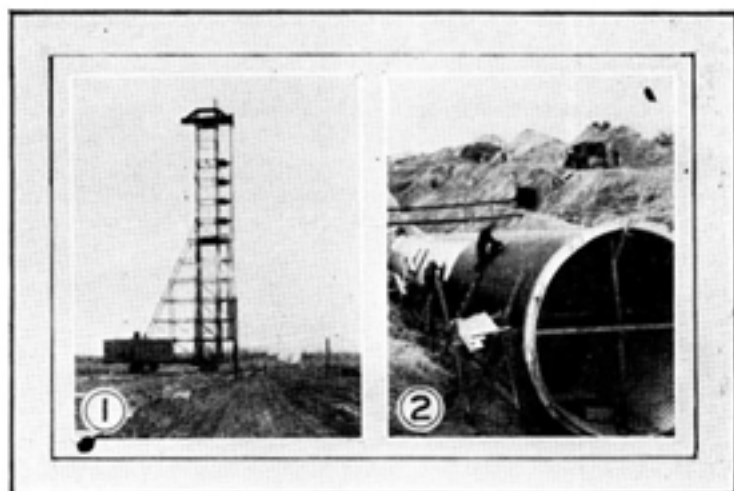
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
OX YOKE CANAL—Concluded					
6-6	K. S. Essex	—	—	—	0.0
8-12	do	—	—	—	.0
PAISLEY CANAL—D-800, A-515, A-1738					
Diverted from Blue Creek and Crescent Lake, A-1575—Sec. 28-17-42 W.					
Measurements Made at Rating Flume					
10-10	A. W. Hall	—	—	—	0.0
11-2	do	—	—	—	.0
4-25	do	6.5	1.75	0.55	11.4
PARKS CANAL—A-1202, A-1444, A-1555					
Diverted from Republican River—Sec. 20-1-39 W.					
Measurements Made at Headgate					
10-1	K. S. Essex	4.1	1.74	—	7.2
10-28	do	—	—	—	.0
4-20	do	—	—	—	.0
8-26	do	—	—	—	.0
9-23	do	—	—	—	.0
PATRICK CANAL—D-725					
Diverted from Sand Creek—Sec. 10-15-40 W.					
Measurements Made at Headgate					
6-28	A. W. Hall	1.7	1.46	—	2.5
7-14	do	1.6	1.69	—	2.7
PAXTON-HERSHEY CANAL—D-653					
Diverted from North Platte River—Sec. 18-14-33 W.					
Measurements Made at Rating Flume					
10-10	A. W. Hall	15.3	3.90	0.85	59.7
5-3	do	27.3	1.30	.69	35.4
6-9	do	32.3	2.48	.94	55.4
7-13	do	24.3	3.25	1.36	79.0
9-20	do	20.9	1.36	.50	28.5
PERSINGER CANAL—D-297					
Diverted from Lodgepole Creek—Sec. 33-14-46 W.					
Measurements Made at Headgate					
10-22	K. S. Essex	2.3	0.70	—	1.6
11-18	do	—	—	—	.0
3-3	do	—	—	—	.0
3-31	Essex-Hansen	3.9	1.37	—	5.3
6-29	K. S. Essex	—	—	—	.0
7-21	do	—	—	—	.0
9-29	do	—	—	—	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PETERS CANAL—D-913					
Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.					
Measurements Made at Headgate					
11-13	K. S. Essex	.....	.....	.....	0.2



No. 1. Traveling Steel Tower, 180 Feet High, Used in the Construction of Kingsley Dam for Handling and for Driving Sheet Steel Piling with Steam Hammer.

No. 2. Welded Multi-plate Inverted Siphon of 165-inch Diameter Installed on Tri-County Project North of Bertrand. This Siphon Carries the Phelps County Canal Under Plum Creek.

PHELPS COUNTY CANAL—A-2355
 Diverted from Platte River—Sec. 2-8-21 W.
 Measurements Made at Rating Station

3-16	A. W. Hall	13.6	1.05	0.58	14.3
3-27	do	29.0	1.93	.96	50.6
3-29	do	21.2	1.55	.76	32.9
4-15	do	52.2	2.21	1.50	115.4
4-26	do	99.5	1.39	2.60	137.9
5-20	do	71.4	2.29	1.95	163.9
6- 5	do	63.1	1.43	1.68	90.0
6-21	do	57.4	1.44	1.64	82.5
7-10	do	51.3	1.78	1.29	91.6
9-16	do	11.4	.42	.30	4.8

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec. Ft.
PIONEER CANAL, NORTH D-412₄					
Diverted from Niobrara River Sec. 29-29-51 W.					
Measurements Made at Headgate					
11-9	K. S. Egan	105	1.50		153
12-11	do.				0
3-30	do.				0
6-9	do.	120	1.50		180
7-21	do.				0
PIONEER CANAL, SOUTH D-442₅					
Diverted from Niobrara River Sec. 31-29-50 W.					
Measurements Made at Headgate					
11-9	K. S. Egan	300	0.10		10
12-6	do.				0
3-10	do.				0
6-5	do.	111	.10		45
7-11	do.				0
POTMESSE CANAL A-2566					
Diverted from Niobrara River Sec. 28-29-48					
Measurements Made at Headgate					
4-4	K. S. Egan	95	1.81		171
7-11	do.	77	1.81		139
PREMIER CANAL D-340					
Diverted from Lodgepole Creek Sec. 2-14-58 W.					
Measurements Made at Headgate					
10-18	K. S. Egan				0
10-28	do.				0
4-26	do.	1.0	1.72		3.4
5-25	do.	1.1	1.62		3.9
6-26	do.	1.5	1.50		3.4
8-20	Egan-Hanna				0
RAMSHORN CANAL D-916R, D-915					
Diverted from North Platte River Sec. 18-23-57 W.					
Measurements Made at Eating Flume Sec. 19-23-57 W.					
3-26	H. H. Ouellet	9.3	1.50	1.32	4.4
6-11	do.	26.0	.71	.50	13.4
6-24	do.	20.8	.77	.50	12.5
7-14	do.	25.4	.62	.50	22.0
7-28	do.	13.5	.75	.64	14.5
8-11	do.	19.7	.76	.76	3.4
8-26	do.	22.1	.71	.80	16.2
9-9	do.	22.5	.71	.80	12.5
9-21	do.	10	1.90	.30	5.8

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
RANDALL CANAL, A-1100					
Diverted from Lawrence Fork Creek, Sec. 21-18-32 W. Measurements Made at Headgate					
6-14	K. S. Essex				0.0
HASHER CANAL, D-467, A-456, A-534					
Diverted from White River, Sec. 19-32-51 W. Measurements Made at Headgate					
6-8	K. S. Essex	47	0.78		4.1
6-8	do.	12	.25		.3
7-11	do.				.0
8-5	do.				.9
8-5	do.				0
7-8	do.				0
8-13	do.				0
RIVERSIDE CANAL, D-18, A-1674					
Diverted from Frenchman River, Sec. 33-4-32 W. Measurements Made at Headgate					
10-25	K. S. Essex	121	1.27	1.80	15.7
11-20	do.				..
3-22	do.	17.9	1.35	1.75	12.4
4-20	do.	11.5	1.33	1.50	15.2
5-21	do.	12.0	1.12	1.67	13.3
6-20	do.				.0
7-27	do.	1.4	1.31	1.50	14.5
8-24	do.	21.8	1.31	1.50	13.3
9-21	do.	12.2	1.11	1.91	12.7
ROUND HOUSE ROCK CANAL, D-894					
Diverted from Peapackee Creek, Sec. 28-19-51 W. Measurements Made at Rating Flume					
10-14	K. S. Essex	3.1	2.76	0.91	3.7
11-12	do.	1.6	2.21	.54	3.1
11-27	do.				.0
3-26	do.				0
4-29	do.				.0
5-18	do.				0
6-11	do.	2.0	2.19	.85	4.2
7-17	do.				.0
8-27	do.				0
RUNGE CANAL, NO. 3, D-330					
Diverted from Lodgepole Creek, Sec. 20-14-30 W. Measurements Made at Headgate					
10-10	K. S. Essex	0.9	1.13		1.0
11-27	do.	1.1	1.20		1.2

(Continued on next page.)

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge (CFS.)
RUNGE CANAL NO. 1—Continued					
1-19	K. S. Essex		..		0.0
2-1	do				0
3-30	do				.0
4-28	do	11	.91		1.1
5-26	do	9	.63		.6
6-28	do				1
7-20	do	12	1.07		2.1
8-1	do	14	.92		2.3
8-22	do				0
9-28	do				0
RUNGE CANAL NO. 2—D-338					
Diverted from Lodgepole Creek—Sec. 20-14-59 W. Measurements Made at Headgate					
3-22	K. S. Essex				0.0
RUTTNER CANAL—A-806					
Diverted from Lodgepole Creek—Sec. 20-14-47 W. Measurements Made at Headgate					
10-20	K. S. Essex				0.0
11-17	do				0
3-1	do				0
3-24	Essex-Hansen				.0
6-29	K. S. Essex				.0
7-20	Essex-Hansen				.0
8-1	K. S. Essex				0
8-25	do				0
RUTTNER CANAL, NEW—D-350R, A-727, A-857, A-859					
Diverted from Lodgepole Creek—Sec. 20-15-57 W. Measurements Made at Headgate					
10-28	K. S. Essex	11	0.86	0.15	0.6
10-29	do	6	1.17	.12	7
11-12	do	5	1.25	.15	1.0
1-20	do				.0
3-1	do				0
3-30	do	8	1.23		3.0
4-26	do				.0
5-26	do	2.0	2.25	.31	4.3
6-26	Essex-Hansen	1.9	1.57	.45	1.5
7-15	do	8	1.59	.16	1.5
7-19	K. S. Essex	1.7	1.66	.27	2.0
8-31	Essex-Hansen	1.4	1.44	.35	2.0
9-27	do	1.8	1.61	.38	2.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
SAND CREEK CANAL, EAST—A-974					
Diverted from Gravel Creek—Sec. 9-24-56 W.					
Measurements Made below Headgate					
1-24	A. W. Hall	14	1.33		18
SCOTT CANAL—A-711					
Diverted from Pumphouse Creek—Sec. 7-19-55 W.					
Measurements Made at Headgate					
4-15	K. S. Eason				6.0
SHELDON CANAL—A-493					
Diverted from East Ash Creek—Sec. 30-32-50 W.					
Measurements Made at Headgate					
7-9	K. S. Eason				6.0
11-6	do				6.0
6-6	do				6.0
9-12	do				6
SHEPHERD CANAL—A-1985					
Diverted from Squaw Creek—Sec. 26-24-57 W.					
Measurements Made at Headgate					
5-11	Eason-Eason 1938	9.4	0.89		8.3
6-8	K. S. Eason				8
7-11	do	7	1.2		8
SHEPHERDAN-WILSON CANAL—D-710					
Diverted from North Platte River—Sec. 20-14-35 W.					
Measurements Made near Headgate					
3-17	A. W. Hall	15	62	0.35	1.0
5-4	K. S. Eason	16	1.15	20	1.8
SHORT LINE CANAL—D-946					
Diverted from North Platte River—Sec. 25-21-53 W.					
Measurements Made at Headgate					
10-1	H. H. Gable	2.1	0.74	0.65	1.4
11-2	do	2.4	.51	.83	1.6
1-1	do	7.6	1.81	1.37	26.5
2-5	do	6.1	1.71	1.25	25.6
6-22	do	6.2	.68	1.70	7.1
7-11	do	7.8	1.26	1.35	23.8
1-23	do	4.2	2.62	1.01	11.2
4-3	do	8.4	2.62	1.29	26.6
8-30	do	9.4	2.80	1.52	38.7
9-28	do	3.6	1.46	36	6.1

DISCHARGE MEASUREMENTS OF CANALS--Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (cfs.)
SIGNAL BLIFF CANAL, D-807					
Diverted from North Platte River, Sec. 16-16-43 W.					
Measurements Made at Headgate					
5-26	A. W. Hall	3.5	1.94	0.67	2.9
6-26	do	3.6	.92	1.20	3.7
8-70	do	2.7	1.62	.95	10.6
9-21	do	3.5	1.57	.52	5.5
SIMONS CANAL, A-2383					
Diverted from Little Cottonwood Creek, Sec. 9-32-51 W.					
Measurements Made at Headgate					
10-8	K. S. Kasek				0.0
11-5	do	2.7	0.35		1.0
12-4	do				.0
3-21	do				0
4-5	do				.0
5-9	do	.5	.47		.2
6-6	do	2.5	.43		1.1
7-6	do				.0
8-23	do	2.3	.23		.6
9-10	do				2
SLATTERY CANAL, D-543, A-3683					
Diverted from Jim Creek and Caledonia Reservoir, A-1820					
Sec. 13-33-57 W.					
Measurements Made at Headgate					
10-21	K. S. Everts				0.0
6-5	do	0.2	0.77		.1
7-21	do				.0
SMITH-WHEELER CANAL, D-842					
Diverted from Pumpkinseed Creek, Sec. 26-19-51 W.					
Measurements Made at Headgate					
10-14	K. S. Kasek	0.9	0.36	0.56	0.3
3-26	do				.1
5-25	do	3.2	.77	1.27	2.8
6-25	do	1.9	.79	1.95	.7
7-17	do	1.2	.97	1.66	2.6
9-27	do	.5	.36	1.25	.2
9-26	do	.3	.29	1.09	.1
SOEHL CANAL, EAST, D-697a, D-699					
Diverted from Lohrigan Creek--Sec. 17-15-39 W.					
Measurements Made at Headgate					
5-17	A. W. Hall	2.7	1.70	0.90	4.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge (Sec. Ft.)
SOLDIER CREEK CANAL					
Diverted from Soldier Creek near Ft. Robinson Sec. 18-31-52 W.					
Measurements Made at Headgate					
10-3	K. S. Essex	37	1.60		59
11-3	do				.0
12-4	do				.0
4-5	do	12	.80		1.2
5-5	do	14	.80		1.7
8-12	do	27	.95		2.6
9-12	do	14	.87		1.2
SPOHN CANAL D-501					
Diverted from North Platte River Sec. 13-17-45 W.					
Measurements Made at Rating Flume					
11-7	A. W. Hall				0.0
SPRING BRANCH CANAL D-502, D-503, A-668					
Diverted from Lawrence Park Creek Sec. 11-18-52 W.					
Measurements Made at Headgate					
5-15	K. S. Essex	18	2.64		4.4
5-18	do				.1
6-14	do	11	.80		1.1
SQUAW CREEK CANAL D-466					
Diverted from Spring Creek Sec. 13-32-52 W.					
Measurements Made at Headgate					
8-13	K. S. Essex				0.0
STUART BROTHERS CANAL, NORTH A-8					
Diverted from Little Cottonwood Creek Sec. 1a-32-52 W.					
Measurements Made below Headgate					
11-8	K. S. Essex				0.0
11-9	do				.0
12-4	do				.0
4-5	do				.0
5-9	do	14	1.60		1.5
6-6	do				.0
7-9	do				.0
8-13	do				.0
9-10	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Section
STUART BROTHERS CANAL, SOUTH A-8					
Diverted from Little Cottonwood Creek Sec. 17-32-52 W.					
Measurements Made at Headgate					
10-5	K. S. Estes				0.0
11-5	do				0
12-4	do				.0
2-10	do				0
4-5	do				0
6-6	do				0
7-9	do				0
8-13	do				0
9-10	do				0

STUART THOMAS CANAL (See THOMAS STUART CANAL)

STUMPH CANAL—D-447R (D-1023)

Diverted from East Ash Creek Sec. 31-32-50 W.

Measurements Made at Headgate

10-9	K. S. Estes				0.0
11-5	do				.0
2-12	do				.0
6-6	do				.0
8-12	do				.0

SUBURBAN CANAL D-662

Diverted from North Platte River Sec. 12-14-33 W.

Measurements Made at Rating Pile

10-10	A. W. Hall	15.4	3.0	0.92	51.8
4-16	do	6.7	0	15	4.0
6-8	do	2.4	1.97	41	16.5
6-27	do	27.1	2.55	1.57	74.3
7-15	do	10.5	2.67	55	28.6
9-29	do	7.3	2.01	40	25.8

SUBURBAN CANAL D-662

Diverted from Lincoln County Drain No. 1 Sec. 28-14-31 W.

Measurements Made at Headgate

4-14	A. W. Hall	8.0	1.7	1.40	14.0
5-2	do	6.9	1.62	55	17.0
5-24	do	6.8	2.01	1.10	13.9
6-9	do	7.0	1.92	1.15	14.4
6-23	do	7.3	1.92	1.30	13.2
7-13	do	7.7	1.73	90	13.2
8-8	K. S. Estes	4.2	31	20	1.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (cfs)
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SUBURBAN CANAL D-662

Diverted from Lincoln County Drain No. 1A Sec. 25-11-32 W.

Measurements Made below Headgate

3-5	A. W. Hall				0.0
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**SUTHERLAND RESERVOIR SUPPLY CANAL A-2350, A-2352
 A-2353, A-2361**

Diverted from North Platte River Sec. 7-14-37 W.

Measurements Made at Gaging Station

3-27	A. W. Hall	174.6	1.65	12.60	1,134
3-28	do	216.7	1.64	12.85	3,519
3-31	do	254.6	1.85	13.42	5,000
4-11	do	291.5	1.98	14.62	5,600
4-23	do	338.9	1.98	14.78	6,120
5-4	do	325.9	2.07	15.10	6,756
5-26	do	324.4	2.07	15.27	6,487
5-27	do	320.4	2.10	15.20	7,110
6-2	do	349.7	2.10	15.62	7,676

THIRTY MILE CANAL--A-1653, A-1975, A-2077

Diverted from Platte River and Sutherland Reservoir
 Sec. 30-13-34 W.

Measurements Made at Rating Flume

10-14	A. W. Hall	73.0	3.07	2.65	250.7
11-4	do	58.6	2.72	4.45	329.0
4-72	do	32.6	3.00	1.81	97.7
4-16	do	71.0	3.62	2.52	154.4
4-29	do	51.0	3.20	3.25	290.1
5-29	do	37.0	2.87	1.95	194.5
6-3	do	56.0	2.88	1.70	95.4
6-20	do	40.0	2.90	2.00	115.0
7-3	do	50.0	2.98	2.7	165.0
7-20	do	50.0	2.73	1.90	44.6
9-24	do	50.0	3.07	2.52	153.3

THOMAS CANAL A-2057

Diverted from East Ash Creek Sec. 18-32-39 W.

Measurements Made at Headgate

10-9	K. S. Stebbins				0.0
11-6	do	51	0.75		5
3-12	do	12	1.5		5
6-6	do				0
8-12	do				0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of section	Mean Velocity	Water Height	Discharge (cfs.)
THOMAS CANAL A-1745					
Diverted from Big Boplang Creek—Sec. 34-31-43 W.					
Measurements Made at Headgate					
3-31	K. S. Essex				0.0
6-5	do				0
7-3	do				0
8-22	do				0
8-30	do				0
THOMAS STUART CANAL D-125					
Diverted from Little Cottonwood Creek—Sec. 8-32-52 W.					
Measurements Made at Headgate					
3-22	K. S. Essex				0.0
4-5	do	1.4	0.75		1.0
5-9	do	2.1	0		5
6-6	do				0
7-3	do				0
8-23	do				0
9-20	do				0
TOBIN CANAL D-330					
Diverted from Lodgepole Creek—Sec. 26-14-47 W.					
Measurements Made at Headgate					
1-29	K. S. Essex				12
11-27	do				0
3-2	do	2.5	1.0		11
5-27	do	1.0	1.0		10
6-29	do				0
7-20	Essex-Hatch	2.0	1.15		2.0
8-1	K. S. Essex				0
9-28	do				0
TOLD CANAL A-520					
Diverted from East Ash Creek—Sec. 5-31-50 W.					
Measurements Made at Headgate					
11-5	K. S. Essex				0.0
3-12	do				0
4-6	do				0
8-12	do				0
TRACY CANAL A-570					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10-18	K. S. Essex	2.5	1.25		4.2
12-15	do	0.1	0.5		1.2
1-15	do				0

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DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge—Sec. ft.
TRACY CANAL—Continued					
3-28	K. S. Essex	3.7	0.87		1.5
3-29	do	4.6	.91		4.2
4-26	do	4.5	.60		2.7
5-25	do	4.2	.71		3.0
6-28	do				0
7-18	do				0
8-30	Fred Martin				.9
9-27	do				.0

TRINNIER CANAL D-849, A-4551

Diverted from Greenwood Creek—Sec. 28-18-50 W.

Measurements Made at Headgate

6-11	K. S. Essex				0.0
8-19	do	4.4	1.82		7.2
8-27	Fred Hensert	4.0	1.02		4.1
9-29	K. S. Essex				0

TRI-STATE CANAL D-918, A-660, A-768

Diverted from North Platte River and Pathfinder Reservoir

Sec. 3-23-58 W.

Measurements Made at Rating Flume—Sec. 18-23-57 W.

5-12	H. H. Odell	113.0	2.05	2.98	139.0
5-27	do	142.4	1.48	3.61	213.0
6-19	do	351.2	2.61	7.36	254.0
6-17	do	361.4	2.45	7.35	287.0
6-22	Guy C. Thatcher	331.3	2.15	6.99	512.5
7- 7	H. H. Odell	278.4	2.31	6.00	630.0
7-12	Guy C. Thatcher	373.1	2.62	7.45	578.0
7-15	H. H. Odell	393.5	2.51	7.70	579.0
7-22	Guy C. Thatcher			7.10	704.0
7-25	H. H. Odell	357.9	2.35	7.15	608.0
8- 4	Guy C. Thatcher	379.5	2.62	7.69	593.0
8-13	H. H. Odell	340.0	2.47	7.68	545.0
8-15	Guy C. Thatcher			7.72	599.0
8-26	H. H. Odell	372.1	2.47	7.56	532.0
9- 4	Guy C. Thatcher			8.50	713.0
9- 9	H. H. Odell	248.7	2.25	6.32	451.0
9-23	do	242.7	2.04	5.42	494.0
9-23	Guy C. Thatcher			5.41	503.0

TRI-STATE CANAL, LATERAL NO. 1 D-918, A-660

Diverted from North Platte River and Pathfinder Reservoir

Sec. 3-23-58 W.

Measurements Made at Lateral Headgate—Sec. 13-23-58 W.

6-10	H. H. Odell	4.5	0.65	1.75	3.1
6-17	do	5.6	.79	1.51	4.4
7- 9	do	4.9	.49	1.58	2.4

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (CFS)
TRI-STATE CANAL, LATERAL NO. 1 Unobstructed					
7-15	H. H. Odell	17	1.65	1.31	2.9
7-28	do	22	1.50	1.30	4.3
8-11	do	29	.74	1.43	2.8
8-26	do	35	.99	1.38	3.5
9- 7	do	34	.98	1.35	3.4

TRI-STATE CANAL, LATERAL NO. 2 **D-918, A-660**
 Diverted from North Platte River and Pathfinder Reservoir -
 Sec. 3-23-58 W.

Measurements Made at Lateral Headgate **Sec. 18-23-57 W.**

6-10	H. H. Odell	45	1.67	1.59	4.9
6-17	do	47	1.62	1.60	4.0
7- 9	do	50	.98	1.72	4.9
7-15	do	44	.94	1.62	4.2
7-24	do	30	.90	1.38	2.9
8-11	do	11	.89	.74	.4
8-26	do	33	1.17	1.37	3.5
9- 9	do	34	.96	1.40	3.2
9-23	do	33	1.31	1.48	3.7

TRI-STATE CANAL, LATERAL NO. 3 **D-918, A-660**
 Diverted from North Platte River and Pathfinder Reservoir
 Sec. 3-23-58 W.

Measurements Made at Lateral Headgate **Sec. 12-23-58 W.**

6-10	H. H. Odell	13	1.47		2.4
6-17	do	4.5	.72		3.2
7- 9	do	2.1	.89		1.9
7-15	do	1.5	.87		3.5
7-28	do	2.9	.85		2.5
8-11	do	2.5	.94		3.4
8-26	do	2.0	.86		1.5
9- 9	do	1	.12		.1

TRI-STATE CANAL- D-918, A-660
 Diverted from Akers Draw- Sec. 12-23-57 W.

Measurements Made at Intersection with Tri-State Canal

4-25	Guy C. Thatcher	6.6	2.39		9.2
5-12	H. H. Odell	8.0	1.56		9.4
5-26	do	6.8	1.39		9.5
6- 9	do	7.6	1.30		9.5
6-13	Guy C. Thatcher	18.2	.65		3.4
6-24	H. H. Odell	6.5	1.53		9.9
7- 9	do	7.0	1.41		10.2
7-22	do	7.2	1.57		11.3
1-26	Guy C. Thatcher	16.2	1.61		19.8

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Discharge (CFS)	Percentage Sec. 27
TRI-STATE CANAL—Continued					
8-4	H. H. Gabel	7.4	1.59		17.0
8-16	Gay C. Thatcher	15.4	.86		31.0
8-18	H. H. Gabel	8.6	1.35		18.6
9-1	do.	8.5	1.61		13.9
9-14	do.	8.3	1.48		12.3
9-29	do.	6.0	1.65		16.5
TRI-STATE CANAL D-918, A-660					
Diverter from Sheep Creek—See 8-23-57 W.					
Measurements Made at Headgate of Feeder Canal					
5-27	H. H. Gabel	31.8	1.51	1.51	47.6
6-19	do.	32.5	1.46	1.54	49.0
7-5	Gay C. Thatcher	34.0	1.53	2.18	67.4
7-9	H. H. Gabel	36.7	1.44	2.77	82.4
8-4	do.	35.7	1.39	2.28	70.5
8-9	Gay C. Thatcher	41.2	1.81	2.51	74.1
8-18	H. H. Gabel	41.1	2.07	2.46	59.0
9-2	do.	40.0	2.49	2.84	107.0
9-26	do.	35.6	1.59	2.52	69.1
9-29	do.	37.8	2.07	2.57	57.5
TRI-STATE CANAL D-918, A-660					
Diverter from Dry Spotted Tail Creek—See 9-25-58 W.					
Measurements Made at Intersecting with Tri-State Canal					
10-1	H. H. Gabel	17.1	1.41	2.32	76.4
TRI-STATE CANAL D-918, A-660					
Diverter from Wet Spotted Tail Creek—See 10-28-56 W.					
Measurements Made at South Lane—See 3-23-56 W.					
10-1	H. H. Gabel	17.2	1.34	2.26	66.4
4-25	Gay C. Thatcher	17.5	1.35	1.94	56.1
5-12	H. H. Gabel	15.9	1.57	1.71	42.7
5-17	Gay C. Thatcher	8.8	1.57	1.47	33.4
5-23	do.	8.1	1.55	1.15	28.5
5-26	H. H. Gabel	10.4	2.79	2.39	107.6
6-9	do.	7.1	1.62	1.25	35.7
6-23	do.	6.7	1.65	1.18	32.4
7-5	Gay C. Thatcher	9.7	1.81	1.81	46.7
7-8	H. H. Gabel	8.1	1.78	1.49	37.1
7-24	do.	11.1	1.21	1.52	21.2
8-1	do.	11.0	1.73	1.96	18.1
8-9	Gay C. Thatcher	7.4	1.77	1.41	36.6
8-18	H. H. Gabel	11.0	1.82	1.37	19.1
9-2	do.	11.2	1.67	2.06	54.0
9-10	do.	12.8	2.26	1.79	36.0
9-27	Gay C. Thatcher	11.5	2.16	2.79	57.1
9-29	H. H. Gabel	11.1	2.06	1.28	29.1

DISCHARGE MEASUREMENTS OF CANALS—Continued

Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec. ft.
TRI-STATE CANAL—D-918, A-660					
Diverted from Tub Springs Sec. 27-23 55 W.					
Measurements Made at Intersection with Tri-State Canal					
10-1	H. H. Gabel	16.1	2.06	1.45	43.7
5-13	do	5.4	1.32	.75	21.0
6-6	Guy C. Thatcher	5.2	1.52	.55	15.3
6-9	H. H. Gabel	5.4	1.77	.55	21.0
6-13	Guy C. Thatcher	20.2	1.25	.96	15.0
7-5	H. H. Gabel			.14	0
8-7	do	13.0	2.33	1.39	36.4
8-9	Guy C. Thatcher	12.7	2.35	1.45	39.4
9-29	H. H. Gabel	14.5	2.91	1.47	43.7

TRI-STATE CANAL—D-919, A-661

Diverted from Alliance Drain Sec. 28-22-53 W.

Measurements Made at Intersection with Tri-State Canal

10-2	H. H. Gabel	6.0	2.33	1.12	12.4
10-22	do	5.2	1.98	1.00	10.3
11-5	do				0
5-3	do	7.4	2.50	1.34	21.2
8-9	Guy C. Thatcher	10.5	1.65	1.36	22.8
9-2	H. H. Gabel	7.9	3.43	1.37	27.1

UNION CANAL—D-763

Diverted from Blue Creek and Chessnut Lake, A-1575 Sec. 18-16-42 W.

Measurements Made at Rating Flume

1-10	A. W. Hall	8.9	1.22	1.53	6.4
11-7	do	6.8	.91	1.65	5.5
5-15	do	13.5	.77	2.26	16.6
6-26	do	5.7	.94	1.90	6.2
7-14	do	1.1	.99	1.86	7.4
8-3	K. S. Essex	5.5	1.36	2.01	12.0
8-21	A. W. Hall	17.2	1.25	2.30	15.6

URBACH CANAL—D-308, A-723

Diverted from Lodgepole Creek—Sec. 15-14-51 W.

Measurements Made at Headgate

10-13	K. S. Essex				6.0
11-17	do				0
1-19	do				6
3-1	do				.0
3-30	do	1.2	6.75		9
4-26	do	2.8	.61		2.6

Continued on next page

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge—Sec.-ft.
TEBACH CANAL—(Continued)					
5-28	K. S. Essex				0.0
6-29	do				.0
7-20	do				.0
9- 1	do				.3
9-29	do	5	90		.5
WARBONNET CANAL D-545					
Diverted from Warbonnet Creek—Sec. 21-33-56 W					
Measurements Made at Headgate					
11- 1	K. S. Essex				0.0
5-31	do				.0
6- 8	do	22	179		1.7
7-11	do				.0
8-15	do				.0
WARBONNET CANAL NO. 2 A-492					
Diverted from Warbonnet Creek—Sec. 20-33-56 W					
Measurements Made at Headgate					
10-11	K. S. Essex				0.0
8-15	do				0
WARNOKE CANAL D-505					
Diverted from Noobraun River—Sec. 27-31-57 W					
Measurements Made at Headgate					
10-11	K. S. Essex				0.0
5-31	Essex-Hayman				.0
6- 8	K. S. Essex				.0
7-32	do				0
8-15	do				0
WEAREN CANAL A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W					
Measurements Made at Rating Flume					
10-13	K. S. Essex				0.0
1-18	do				.0
2-23	do				0
4-28	do				.0
5-25	do				.0
8-20	Essex-Hartin				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge (sec.-ft.)
WESTERN CANAL A-383, A-1804					
Diverted from South Platte River Sec. 14-12-43 W.					
Measurements Made at Headgate					
10-22	K. S. Bates	50.6	1.12	0.42	56.3
11-18	do	43.7	1.21	.46	60.4
3-21	do	45.1	1.10	.44	52.7
5-26	do	43.0	1.05	.39	45.3
4-11	A. W. Hill	75.7	2.46	.51	193.4
4-28	K. S. Bates	53.6	1.43	.54	76.5
4-26	do	64.0	1.73	.61	110.9
5-19	do	50.0	1.46	.59	46.5
6-22	do	62.5	1.61	.65	98.5
6-27	do	50.0	1.12	.45	60.5
7-21	do				0
7-23	do	50.7	1.44	.47	57.2
8-22	do	43.4	1.39	.48	60.3
8-29	do	37.2	2.12	.57	83.3

WESTERN CANAL A-393, A-1804
 Diverted from South Platte River Sec. 14-12-43 W.
 Measurements Made at Rating Flume Sec. 13-12-43 W.

3-21	K. S. Bates	103.4	0.42	3.70	45.4
5-26	do	14.2	3.92	.61	50.7

WHITE RIVER CANAL- 19-477
 Diverted from White River Sec. 35-32-52 W.
 Measurements Made at Rating Flume

11-8	K. S. Bates	2.5	0.80		6.2
11-5	do	1.7	.25		.6
12-4	do				.0
3-21	do				.0
4-5	do				.0
4-6	do				.0
5-9	do				.0
6-13	do				.0
5-10	do				.0

WICKERSHAM CANAL A-701, A-2182, A-2204
 Diverted from Huggy Creek Sec. 31-33-54 W.
 Measurements Made at Headgate

7-11	K. S. Bates	0.4	0.81		0.2
8-15	do				.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Stage Height	Discharge Sec. 48'
WICKERSHAM RESERVOIR CANAL—A-2203					
Diverted from Biggy Creek and Wickersham Reservoir, A-2182					
Sec. 30-33-54 W					
Measurements Made Below Reservoir					
6-1	K. F. Essex	1.4	2.75		3.0
7-1	do				1
8-15	do				0
WEGAND CANAL—A-563					
Diverted from Lodgepole Creek Sec. 17-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Essex				0.0
3-3	do				0
4-1	do				0
6-29	do				0
7-21	do				0
9-29	do				0
WEGAND CANAL NO. 2—A-1323					
Diverted from Lodgepole Creek Sec. 16-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Essex				0.0
3-3	do				0
4-1	do				0
6-29	do				0
7-21	do				0
9-29	do	0.5	0.85		1
WEGAND CANAL NO. 3—A-1322					
Diverted from Lodgepole Creek Sec. 18-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Essex				0.0
3-3	do				0
4-1	do	2.8	0.71		2.0
6-29	do				0
7-21	do				0
9-29	do				0
WILDS CANAL—A-204					
Diverted from Lodgepole Creek Sec. 11-13-46 W.					
Measurements Made at Headgate					
10-22	K. F. Essex	0.9	0.81		0.7
3-3	Essex-Hansen				0
9-29	K. S. Essex				0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge in Cfs.
WINTERS CREEK CANAL, D-952					
Diverted from North Platte River Sec. 17-22-55 W.					
Measurements Made at Rating Pit No.					
4-28	H. H. O'Neil	1.0	1.99	0.04	7.4
5-19	do.	2.1	1.25	1.5	2.6
6-4	do.	3.0	1.07	2.0	12.3
6-16	do.	11.0	.69	7.5	7.5
7-9	do.	5.9	1.71	1.7	16.0
7-25	do.	9.5	.61	7.5	6.1
8-3	do.	11.7	2.36	.88	27.6
8-16	do.	10.6	2.45	5.1	26.4
8-23	do.	11.7	.87	5.9	16.2
8-30	do.	5.0	1.81	2.6	9.2
9-28	do.	3.7	2.27	.9	11.6

WINTERS CREEK CANAL, D-952 (D 13) A-14461
 Diverted from Winters Creek Sec. 19-22-54 W.
 Measurements Made at Rating Pit No.

6-7	H. H. O'Neil		1.05		0.2
5-19	do.	22.0	1.09	1.26	18.4
6-4	do.	27.1	1.44	7.95	25.0
5-15	do.	15.4	1.02	1.62	15.6
6-29	do.	10.6	.87	1.47	8.4
7-14	do.	21.0	1.45	2.49	21.4
7-27	do.	20.0	1.40	1.72	21.9
8-17	do.	29.7	1.61	2.98	46.8
8-24	do.	24.6	1.47	2.56	36.2
9-15	do.	7.0	1.21	2.36	9.1
9-28	do.	22.2	1.53	3.00	36.1

WINTERS CREEK LATERAL, D-992 (D. D. A-14461)
 Diverted from Winters Creek Sec. 19-22-54 W.
 Measurements Made at Headgate

6-7	H. H. O'Neil	7.5	1.66	1.02	12.3
10-21	do.	6.8	1.97	1.72	19.9
11-5	do.	12.8	1.81	1.46	23.4
11-22	do.	10.8	2.00	1.15	21.7
6-4	do.	4.7	.74	.45	8.5
5-15	do.	6.7	1.61	.86	10.8
5-29	do.	1.9	.77	.25	1.1
7-14	do.	1.9	1.02	.74	7.9
8-17	do.	5.4	.61	.44	3.3
8-24	do.	15.9	.62	1.21	9.9
9-18	do.	.9	.53	.70	.4

DISCHARGE MEASUREMENTS OF CANALS—Concluded
Year Ending September 30, 1938

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge (cfs)
WINTERS CREEK LATERAL D-952					
Diverted from Scottsbluff Drain No. 1 Sec. 24-22-55 W.					
Measurements Made in Lateral below Point of Diversion					
2-14	H. H. Giesel	1.6	0.77	.	2.0
4-9	do.	2.2	.78	.	5
WINTERS CREEK CANAL D-952					
Diverted from Miniature Drain Sec. 27-22-54 W.					
Measurements Made in Drain above Canal					
6-9	H. H. Giesel	1.0	0.61	.	0.6
6-23	do.	2.5	1.68	.	4.8
7-8	do.	2.1	1.19	.	2.4
7-21	do.	2.5	1.52	.	5.3
8-9	do.	2.5	1.86	.	4.7
8-22	do.	1.5	2.01	.	2.9
9-1	do.			.	2.5
9-16	do.			.	8.5
9-29	do.			.	5.8
WOLFE CANAL D-813					
Diverted from Lodgepole Creek Sec. 18-13-45 W.					
Measurements Made at Headgate					
10-22	K. S. Essex				0.0
3-4	do.				2
6-29	do.				3
7-21	do.				3.1
9-29	do.				3.0
WOODRUFF CANAL D-536					
Diverted from Jan Creek Sec. 14-33-57 W.					
Measurements Made at Headgate					
5-11	James-Hammerton				0.0
7-11	K. S. Essex				0
ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek Sec. 24-33-55 W.					
Measurements Made at Headgate					
7-11	K. S. Essex				0.0
8-15	do.				.0

PATHFINDER STORAGE RESERVOIR

Daily Contents in Acre-feet

Year Ending September 30, 1937

Date	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
1	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100
44	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100
51	100	100	100	100	100	100	100	100	100	100	100	100
52	100	100	100	100	100	100	100	100	100	100	100	100
53	100	100	100	100	100	100	100	100	100	100	100	100
54	100	100	100	100	100	100	100	100	100	100	100	100
55	100	100	100	100	100	100	100	100	100	100	100	100
56	100	100	100	100	100	100	100	100	100	100	100	100
57	100	100	100	100	100	100	100	100	100	100	100	100
58	100	100	100	100	100	100	100	100	100	100	100	100
59	100	100	100	100	100	100	100	100	100	100	100	100
60	100	100	100	100	100	100	100	100	100	100	100	100
61	100	100	100	100	100	100	100	100	100	100	100	100
62	100	100	100	100	100	100	100	100	100	100	100	100
63	100	100	100	100	100	100	100	100	100	100	100	100
64	100	100	100	100	100	100	100	100	100	100	100	100
65	100	100	100	100	100	100	100	100	100	100	100	100
66	100	100	100	100	100	100	100	100	100	100	100	100
67	100	100	100	100	100	100	100	100	100	100	100	100
68	100	100	100	100	100	100	100	100	100	100	100	100
69	100	100	100	100	100	100	100	100	100	100	100	100
70	100	100	100	100	100	100	100	100	100	100	100	100
71	100	100	100	100	100	100	100	100	100	100	100	100
72	100	100	100	100	100	100	100	100	100	100	100	100
73	100	100	100	100	100	100	100	100	100	100	100	100
74	100	100	100	100	100	100	100	100	100	100	100	100
75	100	100	100	100	100	100	100	100	100	100	100	100
76	100	100	100	100	100	100	100	100	100	100	100	100
77	100	100	100	100	100	100	100	100	100	100	100	100
78	100	100	100	100	100	100	100	100	100	100	100	100
79	100	100	100	100	100	100	100	100	100	100	100	100
80	100	100	100	100	100	100	100	100	100	100	100	100
81	100	100	100	100	100	100	100	100	100	100	100	100
82	100	100	100	100	100	100	100	100	100	100	100	100
83	100	100	100	100	100	100	100	100	100	100	100	100
84	100	100	100	100	100	100	100	100	100	100	100	100
85	100	100	100	100	100	100	100	100	100	100	100	100
86	100	100	100	100	100	100	100	100	100	100	100	100
87	100	100	100	100	100	100	100	100	100	100	100	100
88	100	100	100	100	100	100	100	100	100	100	100	100
89	100	100	100	100	100	100	100	100	100	100	100	100
90	100	100	100	100	100	100	100	100	100	100	100	100
91	100	100	100	100	100	100	100	100	100	100	100	100
92	100	100	100	100	100	100	100	100	100	100	100	100
93	100	100	100	100	100	100	100	100	100	100	100	100
94	100	100	100	100	100	100	100	100	100	100	100	100
95	100	100	100	100	100	100	100	100	100	100	100	100
96	100	100	100	100	100	100	100	100	100	100	100	100
97	100	100	100	100	100	100	100	100	100	100	100	100
98	100	100	100	100	100	100	100	100	100	100	100	100
99	100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100	100

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INTO PATHFINDER RESERVOIR

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	291	573	707	856	712	70	993	3009	7226	2457	1988	1713
2	328	568	720	866	728	366	1205	2662	8307	2239	175	1085
3	387	477	737	756	78	359	1565	2343	6073	2473	919	847
4	437	267	740	751	90	371	1343	2168	2262	2253	485	585
5	337	487	745	766	195	371	1901	2346	7296	2215	436	605
6	422	475	746	776	79	371	2007	2330	8292	1243	911	439
7	446	477	746	786	79	373	2218	2596	5149	1726	570	500
8	427	467	746	795	796	354	1826	3625	7313	1903	438	489
9	447	363	746	795	795	353	1624	3629	5677	1		

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF PATHFINDER RESERVOIR

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	501	47	43	45	244	47	0	0	283	372	4824	3699
2	102	48	43	45	244	47	0	428	1564	4533	4961	3131
3	146	46	41	44	65	47	0	478	1900	4578	5022	3646
4	191	45	41	43	45	45	0	438	1875	4502	5026	3625
5	139	45	41	45	19	45	0	478	1520	4485	5026	3589
6	769	49	45	45	40	49	0	1324	1751	4509	5050	3544
7	100	49	45	45	40	49	0	1484	1783	4509	5037	3595
8	100	49	45	45	40	49	0	1489	1783	4510	5039	3542
9	100	49	45	45	40	49	0	1504	185	4513	4841	3536
10	761	49	45	45	40	49	0	1504	491	5342	5009	3573
11	761	49	45	45	40	49	0	1504	491	5342	5016	3538
12	163	49	45	45	40	49	0	1514	491	5312	5027	3537
13	163	49	45	45	40	49	0	1514	499	5312	5023	3520
14	163	49	45	45	40	49	0	1514	499	5312	5023	3520
15	163	49	45	45	40	49	0	1514	499	5312	5023	3520
16	163	49	45	45	40	49	0	1514	499	5312	5023	3520
17	163	49	45	45	40	49	0	1514	499	5312	5023	3520
18	163	49	45	45	40	49	0	1514	499	5312	5023	3520
19	163	49	45	45	40	49	0	1514	499	5312	5023	3520
20	163	49	45	45	40	49	0	1514	499	5312	5023	3520
21	163	49	45	45	40	49	0	1514	499	5312	5023	3520
22	49	49	49	49	49	49	0	1514	499	5312	5023	3520
23	49	49	49	49	49	49	0	1514	499	5312	5023	3520
24	49	49	49	49	49	49	0	1514	499	5312	5023	3520
25	49	49	49	49	49	49	0	1514	499	5312	5023	3520
26	49	49	49	49	49	49	0	1514	499	5312	5023	3520
27	49	49	49	49	49	49	0	1514	499	5312	5023	3520
28	49	49	49	49	49	49	0	1514	499	5312	5023	3520
29	49	49	49	49	49	49	0	1514	499	5312	5023	3520
30	49	49	49	49	49	49	0	1514	499	5312	5023	3520
31	49	49	49	49	49	49	0	1514	499	5312	5023	3520
Mean	56	45	49	49	44	44	0	2472	2554	4133	4473	3541
Max.	501	49	49	49	248	49	0	2763	2774	5353	5066	3699
Min.	12	0	42	49	49	0	0	0	0	0	2819	491
A. P.	5264	2679	3102	3394	244	575	0	149-2	17050	23110	27769	19350

Total acre-feet 1,009.55

Records furnished by the United States Bureau of Reclamation

GUERNSEY STORAGE RESERVOIR

Daily Contents in Acre-Feet

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	30791	30400	30520	31220	30590	31130	31960	31460	31760	32560	30570	31220
2	30590	30420	30540	31240	30580	31150	31950	31450	31750	32550	30560	31210
3	31020	30520	30540	30690	30740	31230	32020	31520	31820	32620	30550	31200
4	31460	30750	30570	30690	30690	31270	32070	31570	31870	32670	30540	31190
5	31300	30470	30490	30510	30540	31040	31850	31350	31650	32450	30530	31180
6	31330	30510	30530	30550	30580	31080	31890	31390	31690	32490	30520	31170
7	31460	30550	30570	30590	30620	31120	31930	31430	31730	32530	30510	31160
8	31470	30750	30620	30620	30620	31120	31930	31430	31730	32530	30500	31150
9	31840	30380	30440	30440	30440	31120	31930	31430	31730	32530	30490	31140
10	31470	30490	30510	30510	30510	31120	31930	31430	31730	32530	30480	31130
11	31480	30690	30520	30520	30520	31120	31930	31430	31730	32530	30470	31120
12	31280	30790	30560	30560	30560	31120	31930	31430	31730	32530	30460	31110
13	31470	30690	30560	30560	30560	31120	31930	31430	31730	32530	30450	31100
14	31290	30790	30560	30560	30560	31120	31930	31430	31730	32530	30440	31090
15	31300	30890	30560	30560	30560	31120	31930	31430	31730	32530	30430	31080
16	31290	30990	30560	30560	30560	31120	31930	31430	31730	32530	30420	31070
17	31480	30990	30560	30560	30560	31120	31930	31430	31730	32530	30410	31060
18	31470	31090	30560	30560	30560	31120	31930	31430	31730	32530	30400	31050
19	31460	31190	30560	30560	30560	31120	31930	31430	31730	32530	30390	31040
20	31450	31290	30560	30560	30560	31120	31930	31430	31730	32530	30380	31030
21	31440	31390	30560	30560	30560	31120	31930	31430	31730	32530	30370	31020
22	31430	31490	30560	30560	30560	31120	31930	31430	31730	32530	30360	31010
23	31420	31590	30560	30560	30560	31120	31930	31430	31730	32530	30350	31000
24	31410	31690	30560	30560	30560	31120	31930	31430	31730	32530	30340	30990
25	31400	31790	30560	30560	30560	31120	31930	31430	31730	32530	30330	30980
26	31390	31890	30560	30560	30560	31120	31930	31430	31730	32530	30320	30970
27	31380	31990	30560	30560	30560	31120	31930	31430	31730	32530	30310	30960
28	31370	32090	30560	30560	30560	31120	31930	31430	31730	32530	30300	30950
29	31360	32190	30560	30560	30560	31120	31930	31430	31730	32530	30290	30940
30	31350	32290	30560	30560	30560	31120	31930	31430	31730	32530	30280	30930
31	31340	32390	30560	30560	30560	31120	31930	31430	31730	32530	30270	30920

Records furnished by the United States Bureau of Reclamation

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INTO GUERNSEY RESERVOIR
Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	417	278	89	23	125	211	387	531	655	5726	4564	4465
2	476	246	104	26	134	252	379	537	663	4467	4203	4203
3	462	141	124	157	117	212	371	516	559	4967	4643	3425
4	266	207	174	156	146	162	371	531	651	4714	4413	2682
5	282	87	121	121	120	141	341	516	563	4493	4406	2781
6	296	178	147	91	120	410	378	528	529	4428	4773	2427
7	321	191	73	61	120	178	378	520	517	4417	4771	2752
8	285	141	159	101	226	377	418	566	419	4792	4497	2497
9	368	164	275	133	220	476	537	552	514	5326	4421	3211
10	289	188	129	101	227	421	414	577	528	4425	4415	2787
11	296	194	126	101	101	478	392	567	526	4417	4521	2635
12	391	223	221	201	226	516	412	591	591	4417	4521	2635
13	274	211	227	222	226	416	411	567	514	4417	4521	2635
14	274	211	227	222	226	416	411	567	514	4417	4521	2635
15	274	211	227	222	226	416	411	567	514	4417	4521	2635
16	274	211	227	222	226	416	411	567	514	4417	4521	2635
17	274	211	227	222	226	416	411	567	514	4417	4521	2635
18	274	211	227	222	226	416	411	567	514	4417	4521	2635
19	274	211	227	222	226	416	411	567	514	4417	4521	2635
20	274	211	227	222	226	416	411	567	514	4417	4521	2635
21	274	211	227	222	226	416	411	567	514	4417	4521	2635
22	274	211	227	222	226	416	411	567	514	4417	4521	2635
23	274	211	227	222	226	416	411	567	514	4417	4521	2635
24	274	211	227	222	226	416	411	567	514	4417	4521	2635
25	274	211	227	222	226	416	411	567	514	4417	4521	2635
26	274	211	227	222	226	416	411	567	514	4417	4521	2635
27	274	211	227	222	226	416	411	567	514	4417	4521	2635
28	274	211	227	222	226	416	411	567	514	4417	4521	2635
29	274	211	227	222	226	416	411	567	514	4417	4521	2635
30	274	211	227	222	226	416	411	567	514	4417	4521	2635
31	274	211	227	222	226	416	411	567	514	4417	4521	2635
Mean	314	216	91	228	226	371	412	531	591	5160	4796	2964
Max	426	281	311	194	226	516	412	531	591	5160	4796	2964
Min	227	143	78	21	121	206	291	411	461	2223	4477	1628
A. F.	19200	11280	12280	7820	11280	20000	44120	24990	26980	217200	201160	207210

Total acre-foot 2228670

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GUERNSEY RESERVOIR
Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	341	238	224	370	175	171	171	232	275	470	1708	3214
2	330	231	224	371	169	141	168	228	270	460	1447	3254
3	286	237	225	369	172	152	163	244	284	430	1353	3219
4	286	238	224	369	174	152	161	230	282	430	1378	3259
5	313	232	224	377	171	152	163	230	284	430	1460	3235
6	311	237	227	375	171	152	163	230	282	430	1467	3232
7	300	234	228	371	170	152	163	230	282	430	1467	3235
8	314	234	228	375	171	152	163	230	282	430	1467	3236
9	330	240	229	379	171	152	163	230	282	430	1467	3232
10	314	239	229	373	171	152	163	230	282	430	1467	3237
11	321	247	237	379	171	152	163	230	282	430	1467	3236
12	321	248	237	379	171	152	163	230	282	430	1467	3236
13	321	248	237	379	171	152	163	230	282	430	1467	3236
14	317	226	222	375	169	152	163	230	282	430	1467	3276
15	321	248	237	379	171	152	163	230	282	430	1467	3236
16	321	248	237	379	171	152	163	230	282	430	1467	3236
17	321	248	237	379	171	152	163	230	282	430	1467	3236
18	321	248	237	379	171	152	163	230	282	430	1467	3236
19	321	248	237	379	171	152	163	230	282	430	1467	3236
20	321	248	237	379	171	152	163	230	282	430	1467	3236
21	321	248	237	379	171	152	163	230	282	430	1467	3236
22	321	248	237	379	171	152	163	230	282	430	1467	3236
23	321	248	237	379	171	152	163	230	282	430	1467	3236
24	321	248	237	379	171	152	163	230	282	430	1467	3236
25	321	248	237	379	171	152	163	230	282	430	1467	3236
26	321	248	237	379	171	152	163	230	282	430	1467	3236
27	321	248	237	379	171	152	163	230	282	430	1467	3236
28	321	248	237	379	171	152	163	230	282	430	1467	3236
29	321	248	237	379	171	152	163	230	282	430	1467	3236
30	321	248	237	379	171	152	163	230	282	430	1467	3236
31	321	248	237	379	171	152	163	230	282	430	1467	3236
Mean	314	240	228	371	171	152	163	230	282	430	1467	3236
Max	321	248	237	379	171	152	163	230	282	430	1467	3236
Min	227	143	78	21	121	206	291	411	461	2223	4477	1628
A. F.	19200	11280	12280	16820	28720	18620	28120	20990	26980	215200	201160	207210

Total acre-foot 2228670

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FOOT, NORTH PLATTE RIVER
PASSING WHALEN, WYOMING

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	85	75	51	24	44	34	21	55	1443	1654	1945	635
2	90	31	90	99	45	40	114	46	750	1027	1351	562
3	41	69	112	21	35	32	25	42	1003	1009	1008	445
4	49	43	35	6	24	37	45	47	58	1971	1475	514
5	52	142	44	67	30	52	130	34	390	1959	1222	548
6	69	24	35	45	25	49	55	49	241	1793	1157	547
7	47	26	28	129	10	47	37	38	137	1927	1135	485
8	54	125	45	65	24	35	35	37	478	1835	1337	479
9	43	25	34	24	24	51	63	43	210	1062	1402	522
10	57	135	33	38	17	54	42	44	1913	2244	1435	297
11	65	105	25	40	15	49	34	56	595	2442	1510	266
12	72	48	32	68	12	42	56	132	698	2371	1577	292
13	53	47	42	63	12	32	32	51	734	712	2197	1526
14	91	32	34	17	27	37	33	32	237	4247	1477	355
15	60	49	46	15	24	59	113	133	163	2377	1500	422
16	44	26	37	21	44	44	61	293	437	2515	1258	356
17	57	72	54	73	39	56	132	153	475	2023	1421	399
18	60	103	34	129	30	60	167	110	113	2135	1440	355
19	76	78	37	51	40	45	120	125	494	2164	1459	344
20	16	59	69	90	29	56	220	1404	1477	2125	1325	455
21	74	44	42	100	65	26	131	1465	1525	1530	1544	442
22	49	45	69	63	19	74	64	1520	1041	1827	1373	210
23	64	20	25	15	43	43	68	107	1667	1325	1331	327
24	56	70	46	101	46	22	40	1341	1327	1631	1299	31
25	53	34	66	64	55	111	35	1126	1114	1631	1042	39
26	49	26	34	16	40	25	64	1783	1758	2331	363	91
27	61	20	26	47	26	31	52	2135	1747	1317	838	101
28	57	20	12	43	32	17	33	1544	1638	1219	425	122
29	59	21	30	43	49	55	69	2769	1613	1536	912	181
30	41	21	46	49	44	44	69	2507	1471	1569	814	142
31	41	21	34	44	44	55	69	1236	1440	1440	695	
Mean	64	53	59	57	25	52	77	394	154	1947	1281	365
Max	97	142	123	124	67	111	232	2461	216	4267	1526	636
Min	41	20	12	6	22	17	21	43	131	1519	695	51
A. F.	208	3160	3100	4120	1910	3270	1270	6120	8220	12720	16770	2270

Total acre-feet 323450

Record furnished by the United States Bureau of Reclamation

DISCHARGE IN SECOND-FOOT, NORTH PLATTE RIVER
AT TORRINGTON, WYOMING

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	509	560	547	317	282	380	471	275	2153	1549	1460	513
2	445	516	522	322	295	310	439	275	1801	1540	1420	743
3	450	550	460	300	292	315	450	260	1745	1870	1420	294
4	440	483	440	300	284	420	361	260	1670	2030	1390	630
5	445	592	425	344	260	424	445	260	1250	2030	1360	684
6	443	561	400	345	260	427	415	260	1441	1990	1550	754
7	522	560	390	335	280	412	432	265	1523	1970	1370	653
8	406	534	391	319	272	413	430	307	1461	1870	1300	624
9	445	565	391	340	311	382	497	272	1670	1990	1350	624
10	470	575	412	305	260	372	361	322	2140	1930	1350	392
11	470	608	432	333	262	391	349	329	1560	2090	1470	486
12	454	604	432	319	265	401	314	302	1370	2270	1400	451
13	496	576	445	318	265	412	325	300	1370	2010	1420	422
14	442	547	361	320	266	412	361	300	1591	1920	1450	470
15	509	595	401	315	265	402	350	310	1520	1850	1420	516
16	496	482	422	300	340	422	371	310	1440	1770	1460	672
17	470	484	422	322	332	362	376	310	1390	1920	1440	727
18	470	509	401	324	326	361	376	310	1390	2020	1440	720
19	458	534	401	326	301	360	470	325	1590	1900	1400	636
20	384	534	320	300	320	310	301	345	1704	2290	1350	686
21	547	522	381	340	335	340	339	300	1700	2260	1350	640
22	560	522	401	245	140	275	299	1500	1600	2220	1350	592
23	516	496	422	262	140	320	253	1890	1600	2100	1370	470
24	376	484	412	265	320	340	275	1770	2010	2140	1290	415
25	376	534	381	248	325	335	281	1520	1900	1990	1160	422
26	560	522	381	294	330	340	275	1910	1990	1930	1170	432
27	547	522	361	296	315	355	295	1710	1970	1780	1060	422
28	547	479	391	290	320	340	240	1740	1910	1610	1060	401
29	534	496	361	266	306	342	240	1440	1890	1510	1030	361
30	516	496	370	280	335	335	238	2270	1820	1490	1010	391
31	560	500	380	280	330	330	230	2200	1820	1440	1010	391
Mean	507	535	419	311	260	373	355	310	1627	1927	1317	522
Max	526	608	547	340	345	411	470	320	2190	2012	1490	772
Min	445	482	320	240	140	275	240	230	1300	1400	1010	351
A. F.	31150	31860	25150	19200	17110	22950	21370	9730	35460	43710	31500	11660

Total acre-feet 551947

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT WYOMING-NEBRASKA LINE
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	529	474	463	362	312	414	402	128	1910	1654	1289	925
2	496	470	457	358	322	409	396	120	1640	1548	1170	834
3	495	509	431	345	315	414	372	108	1420	1370	1310	857
4	529	543	470	360	306	402	396	132	1520	1500	1300	912
5	522	577	451	370	325	402	432	98	1320	1410	1290	888
6	536	624	426	368	300	390	444	144	1700	1720	1310	888
7	543	628	451	345	300	402	457	120	1580	1500	1120	772
8	492	564	444	310	280	378	444	138	1520	1600	1200	790
9	414	574	451	360	325	350	426	222	1710	1710	1250	858
10	432	564	444	366	375	361	420	449	1420	1420	1250	758
11	426	606	432	315	290	372	420	426	1610	1530	1180	655
12	584	606	420	324	304	374	374	754	1190	1210	1280	620
13	438	571	402	322	315	390	376	626	1320	1420	1250	600
14	432	552	396	328	315	414	408	372	1150	1170	1170	714
15	432	563	470	320	350	378	384	347	327	376	1170	609
16	470	513	464	320	345	416	405	1070	700	2710	1340	765
17	390	556	464	350	400	414	524	2020	566	5600	1320	865
18	396	556	438	328	390	424	521	1040	1180	2510	1260	781
19	378	584	470	330	321	420	476	1080	1300	2520	1250	841
20	408	577	408	310	374	420	384	1140	1420	2480	1140	674
21	411	570	402	290	307	396	329	1180	1460	2260	1130	657
22	441	563	420	375	361	367	291	1270	1520	2940	1260	710
23	449	530	408	342	361	402	225	2240	1550	1910	1080	699
24	443	514	451	384	350	398	256	1370	1670	1820	1200	643
25	448	536	426	327	329	390	260	1370	1690	1740	1140	620
26	476	518	408	395	372	402	288	1470	1700	1850	1100	605
27	457	499	354	300	325	420	184	1660	1740	1520	970	625
28	459	474	320	298	320	420	194	1760	1690	1370	850	440
29	568	483	384	292	320	296	151	1770	1620	1320	720	400
30	470	457	408	290	307	367	153	2020	1590	1360	920	390
31	470	457	396	305	306	366	150	1940	1590	1390	910	385
Mean	460	545	429	316	320	398	361	900	1470	2020	1224	695
Max	583	624	469	367	400	428	529	2070	2140	2910	1360	824
Min	374	457	384	286	315	350	151	54	705	1320	916	390
A. P.	26290	32900	26300	19430	19830	24460	21400	58290	82020	121000	75270	41400
Total	cubic feet 552200											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT MITCHELL
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	143	356	644	491	415	527	611	355	1990	432	376	212
2	163	358	658	425	460	525	620	143	1720	425	364	209
3	168	375	635	440	460	525	645	209	1506	425	358	192
4	170	369	630	429	470	509	650	174	151	632	357	195
5	155	376	609	375	460	545	595	152	1170	639	329	199
6	520	350	558	380	420	500	559	250	1000	635	377	204
7	220	413	546	305	425	520	597	369	706	602	335	221
8	502	421	627	280	426	500	560	294	525	600	326	220
9	660	413	651	285	410	520	529	374	374	443	320	201
10	673	421	651	325	430	549	490	450	1730	389	315	199
11	673	421	631	345	425	540	452	350	1410	295	209	204
12	630	550	644	360	420	505	482	164	1460	1020	321	220
13	585	443	644	420	470	540	405	163	1900	1000	312	220
14	543	443	630	420	445	550	371	165	760	1270	247	215
15	590	506	632	400	540	525	370	463	373	1250	126	209
16	485	769	630	425	525	540	399	158	266	1910	250	204
17	550	720	666	420	590	545	432	143	122	1570	220	204
18	550	722	632	430	526	560	505	179	194	1550	250	215
19	536	724	648	415	520	520	515	110	194	1460	270	226
20	522	724	648	380	540	525	473	101	320	1390	275	221
21	514	724	624	350	515	540	552	129	100	1240	247	222
22	515	720	579	339	520	562	545	124	474	1040	236	225
23	513	652	568	400	570	548	377	129	390	900	264	225
24	565	695	594	425	540	525	425	114	430	604	270	225
25	553	702	579	435	540	520	499	124	522	605	254	225
26	550	720	566	470	475	520	484	300	522	624	242	225
27	543	679	529	465	505	520	463	412	706	540	215	260
28	551	631	521	474	510	570	389	568	639	434	204	269
29	572	631	520	460	570	560	420	620	625	365	204	310
30	579	630	500	495	570	520	210	900	566	376	209	405
31	550	630	536	450	575	575	310	900	599	399	215	310
Mean	532	704	602	403	497	546	413	240	720	1094	256	220
Max	739	850	666	494	580	580	620	2170	2720	3320	376	408
Min.	143	356	622	265	410	510	263	101	154	316	200	130
A. P.	31550	47750	37000	24790	27600	34690	29560	15920	42900	11140	1760	1020
Total	cubic feet 372000											

DISCHARGE IN SECOND-FOET, NORTH PLATTE RIVER
AT LISOU

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	494	1456	1116	800	873	1386	1116	903	1267	497	444	508
2	497	1378	1450	770	940	2039	1059	673	1250	451	414	530
3	186	1384	1250	635	910	2029	1020	552	1810	345	404	454
4	596	1675	1380	566	930	2029	975	519	1580	304	475	466
5	642	2210	1200	120	950	2270	904	308	1670	245	465	484
6	684	2600	1020	140	950	2270	878	319	1590	374	484	510
7	700	2620	1000	510	1010	2110	873	407	1510	412	522	561
8	736	2600	1020	500	1020	2110	1016	465	1440	424	539	577
9	572	1567	1000	540	950	1780	1010	480	1200	424	524	550
10	1060	1560	980	600	980	1770	982	477	1260	565	509	511
11	1050	1530	1020	680	1050	1700	862	451	1340	552	521	538
12	1120	1530	1150	810	1120	1500	916	413	1260	541	525	595
13	1120	1530	1150	1000	1190	1770	872	369	1260	665	584	545
14	1200	1530	1250	1060	1180	1740	845	407	1050	620	500	559
15	1190	1530	1300	1050	1190	1800	718	475	1510	1110	485	545
16	1110	1530	1420	1110	1190	1660	730	411	1300	1640	484	554
17	1150	1520	1500	980	1010	1700	721	372	1005	2100	521	526
18	1110	1530	1460	910	1000	1700	774	352	565	2640	272	524
19	2050	1510	1420	1050	1120	1380	724	313	424	1920	454	511
20	1110	1450	1370	1000	1050	1210	721	253	324	1380	666	611
21	1200	1450	1300	650	1080	1400	700	257	304	1290	480	566
22	1220	1450	1200	710	1080	1250	711	288	225	1100	801	606
23	1270	1400	1250	810	1080	1240	665	284	230	1120	284	596
24	1260	1350	1250	950	1060	904	501	148	208	908	562	561
25	1280	1300	1190	1050	1080	1020	541	311	265	822	497	571
26	1220	1250	1180	1080	1080	1130	419	319	300	830	433	631
27	1240	1250	1080	1080	1020	1170	508	221	454	724	343	521
28	1170	1260	1080	985	1080	1250	542	132	530	612	343	596
29	1170	1260	1080	1000	1180	1200	620	102	515	565	433	572
30	1170	1430	1000	1070	1200	1200	527	372	532	532	343	521
31	1220	1430	940	680	1270	1200	584	384	590	590	424	521
Mean	1045	1516	1216	811	1216	1259	808	391	1139	565	524	527
Max.	1280	2210	1580	1080	1410	2200	1110	794	2240	2100	666	1250
Min.	454	1200	1010	500	873	1000	508	304	273	205	185	444
A. P.	68050	80270	74000	50020	67340	79520	41120	24010	63440	33810	32210	42250
Total	area-feet 580000											

DISCHARGE IN SECOND-FOET, NORTH PLATTE RIVER
AT OSIKOSH

Year Ending September 30, 1937

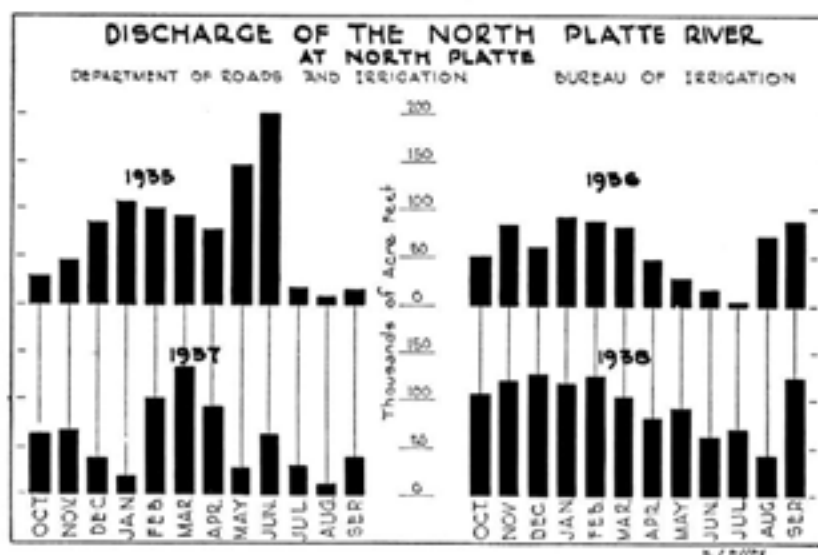
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	410	1420	1400	900	930	1420	1400	670	670	185	185	111
2	416	1420	1370	810	915	1270	1450	642	1100	556	428	441
3	422	1390	1230	700	900	1510	1100	617	1270	402	440	422
4	427	1460	1230	620	870	1590	1460	576	1200	313	422	434
5	517	2230	1200	540	1040	1560	1060	475	1200	263	386	455
6	517	2000	1100	450	1120	1230	1120	468	1440	223	390	465
7	527	1860	1120	540	1050	1320	1060	527	1700	264	363	4100
8	531	1840	1090	560	1030	1420	1120	468	1850	319	320	4100
9	652	1980	1080	640	1070	1400	1150	478	1880	324	364	466
10	520	1630	1020	720	1040	1450	1060	478	1620	266	316	373
11	522	1280	1120	750	1240	1880	1000	520	1320	415	323	391
12	1000	1500	1120	1010	1020	1300	1120	497	1460	428	320	391
13	1000	1500	1120	1080	1050	1390	1040	450	1600	530	280	374
14	1040	1520	1120	1180	1100	1300	1000	438	1900	380	204	355
15	1170	1540	1000	1100	1000	1390	671	458	1620	500	191	330
16	1190	1510	1480	900	1020	1380	818	381	1500	1120	110	332
17	1120	1490	1520	1000	1100	1500	791	371	1040	1730	108	369
18	1150	1460	1380	1150	1170	1470	805	357	820	1420	180	374
19	1120	1490	1670	1100	1080	1460	776	377	478	1600	154	374
20	1150	1490	1620	1080	1150	1380	820	379	378	1780	410	381
21	1120	1510	1600	900	1200	1440	782	336	381	1490	311	355
22	1170	1540	1620	720	1400	1420	762	316	304	1220	346	355
23	1190	1420	1590	680	1050	1460	702	264	354	1100	326	360
24	1210	1510	1300	920	1080	1420	747	275	277	1460	261	355
25	1280	1420	1250	1000	1170	1110	702	285	270	620	507	355
26	1230	1440	1200	1100	1460	1130	610	278	260	747	491	355
27	1300	1440	1180	1120	1080	1190	608	264	261	762	291	355
28	1250	1440	1150	1050	1060	1200	602	260	415	531	311	371
29	1190	1440	1130	1080	1050	1150	547	261	458	607	326	374
30	1170	1260	1080	1020	1080	1080	560	261	466	602	319	381
31	1210	1260	980	920	1080	1080	522	262	468	568	304	381
Mean	951	1571	1210	885	1025	1441	805	365	1008	524	375	361
Max.	1300	2230	1670	1180	1410	1990	1120	662	2200	2660	457	1080
Min.	428	1390	980	520	920	1060	501	270	228	184	181	311
A. P.	59050	59450	70150	54450	70750	86250	33270	22100	41780	26650	19320	40650
Total	area-feet 690000											

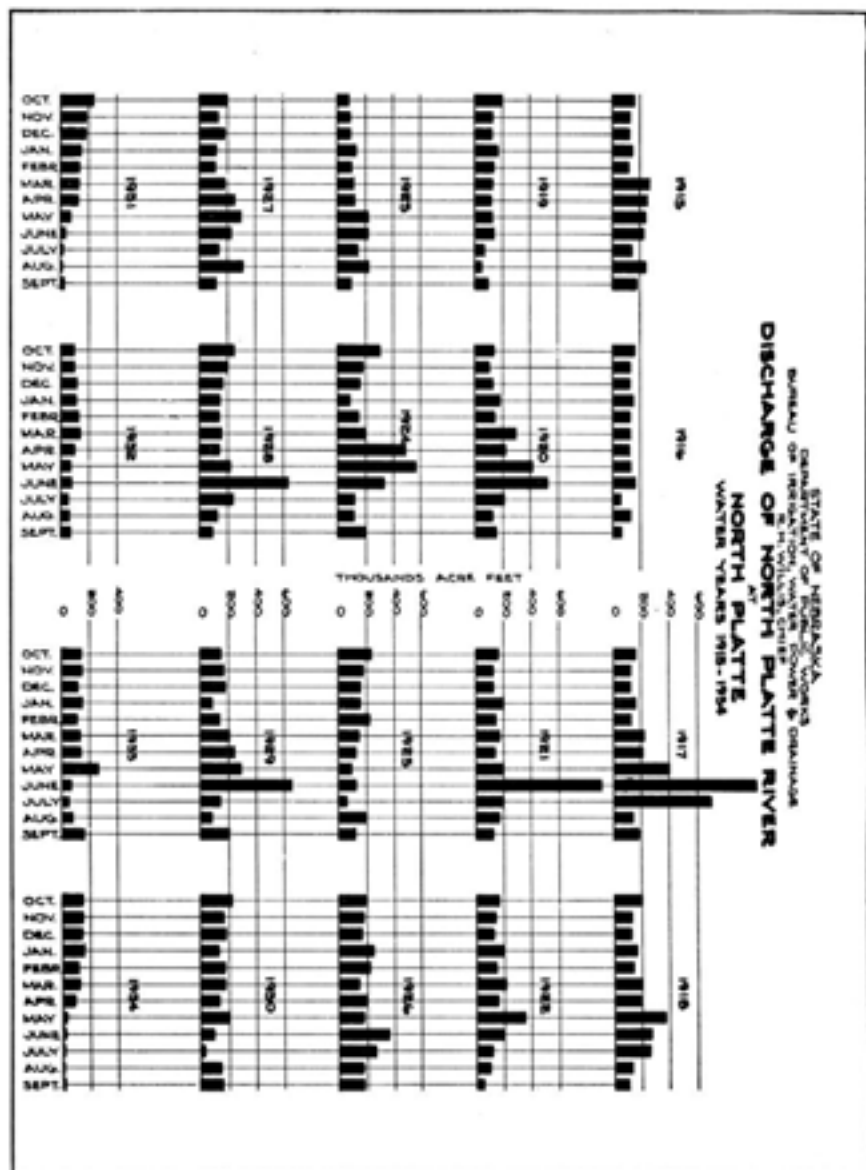
DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT NORTH PLATTE

Year Ending September 30, 1937

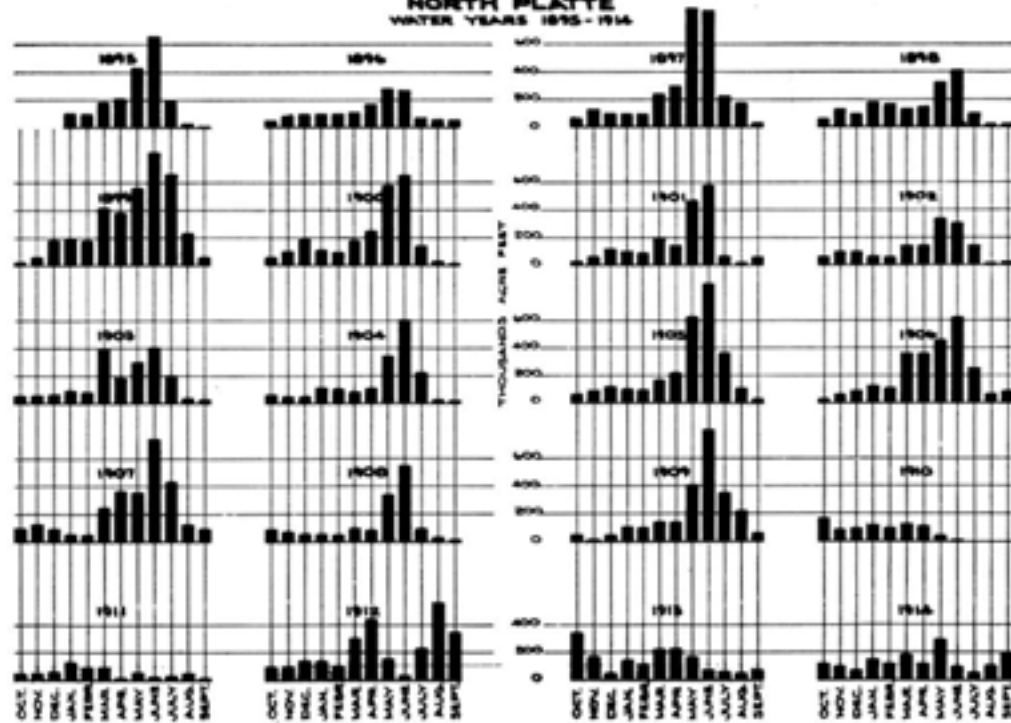
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	227	1660	720	280	360	2750	3010	948	208	179	316	134
2	307	1690	702	290	390	2900	2520	913	349	179	278	129
3	380	1840	508	285	480	2950	2140	828	316	184	308	134
4	434	1890	464	204	610	3150	2040	845	571	158	325	202
5	434	1430	185	195	730	3400	1930	745	1090	202	333	443
6	434	1330	420	190	690	3550	1890	684	1580	232	219	730
7	434	1350	369	190	630	3450	1860	596	2070	153	202	583
8	479	1610	449	185	540	3150	1780	534	1800	112	190	714
9	593	1530	464	180	525	2960	1730	484	1890	104	162	913
10	665	1530	523	200	580	2670	1860	484	2040	89	120	1170
11	702	1400	494	240	810	1980	1780	596	2090	112	108	1340
12	761	1330	479	270	1060	1660	1670	571	1860	104	108	1150
13	761	1230	611	340	1380	1500	1670	453	1480	144	112	1070
14	972	1300	904	400	1720	1480	1670	382	1220	158	97	1040
15	1160	1090	996	440	2250	1400	1630	357	1340	262	81	984
16	1160	782	972	470	2850	1690	1480	325	2380	255	79	879
17	1070	702	802	465	2920	1820	1280	300	2240	357	81	780
18	864	1090	761	460	3140	2140	1200	285	1750	316	81	714
19	1330	972	948	420	2850	3020	1130	248	1630	558	89	684
20	1330	684	996	340	2720	2560	1130	219	1200	1040	108	638
21	1380	611	948	260	2550	2740	1110	232	811	1540	85	583
22	1300	629	822	130	2800	2740	1090	213	413	2140	79	558
23	1430	574	740	160	3110	2740	1110	196	240	1320	79	558
24	1530	802	647	200	3560	2390	1280	196	158	1130	79	571
25	1580	864	611	260	3020	1580	1070	208	134	1130	112	608
26	1580	802	464	300	2850	1140	1000	285	270	984	167	654
27	1580	822	380	350	2450	684	1020	292	278	745	202	669
28	1630	782	369	400	2600	508	1190	308	240	546	285	638
29	1690	782	380	440	-----	449	1190	173	213	464	240	669
30	1690	740	359	400	-----	464	1000	173	202	366	285	745
31	1710	-----	271	380	-----	2230	-----	179	-----	341	184	-----
Mean	1019	1128	605	301	1792	2189	1549	424	1069	503	168	689
Max.	1710	1890	996	470	3560	3550	3010	948	2380	2140	333	1340
Min.	227	574	185	130	360	449	1000	173	134	89	79	129
A. F.	62070	67140	37210	18490	99520	134600	92150	26090	63000	30950	10300	40990

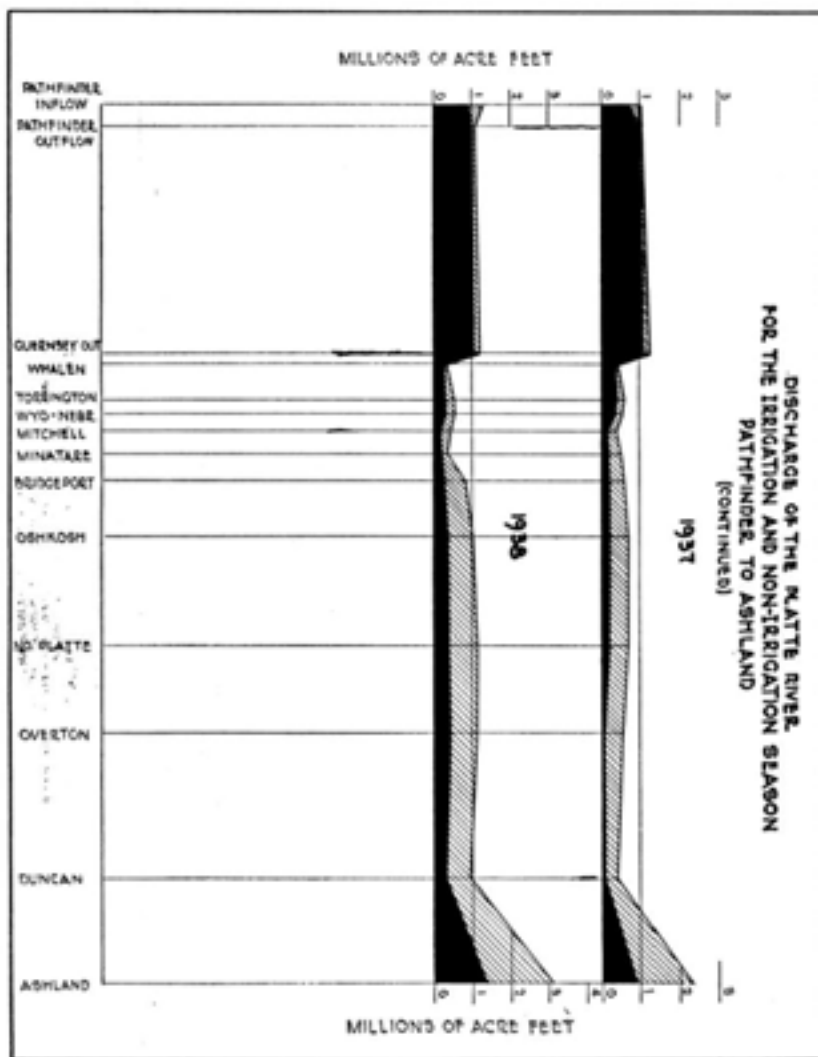
Total acre-feet 683700.

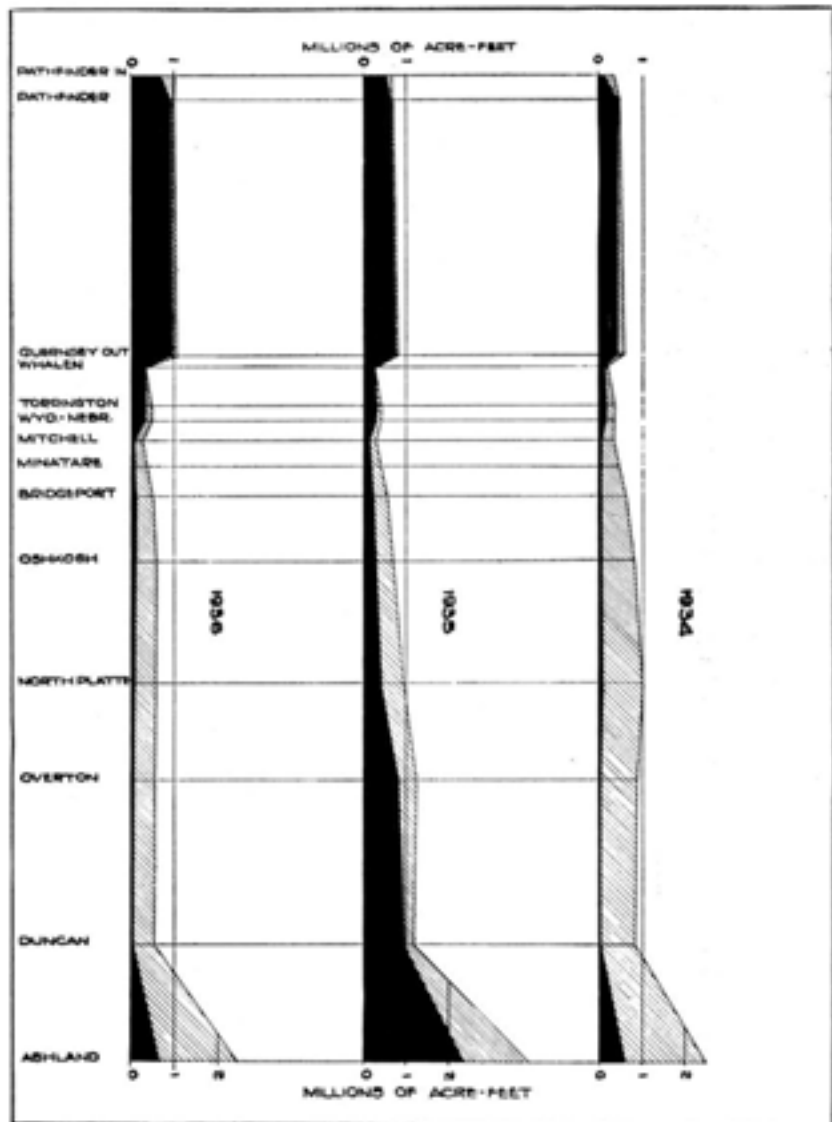


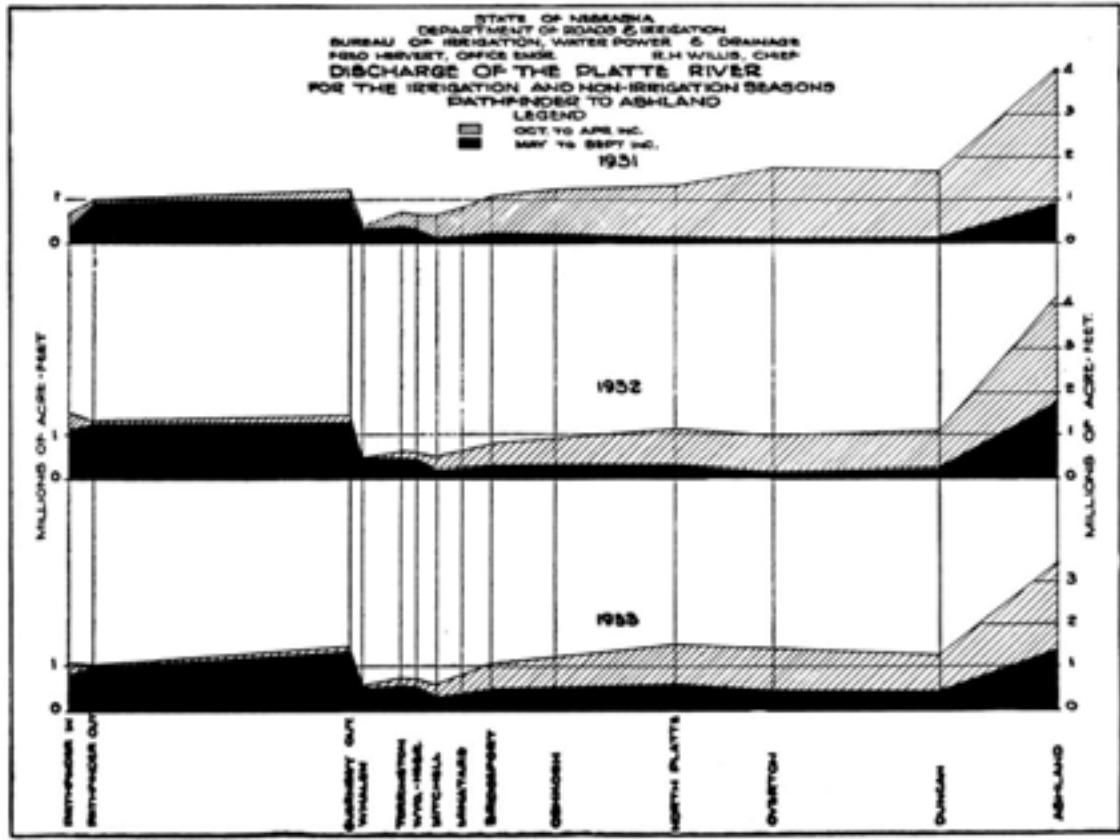


STATE OF NEBRASKA
DEPARTMENT OF PUBLIC WORKS
BUREAU OF IRRIGATION, WATER POWER & DRAINAGE
R. H. WILLIS, CHIEF
DISCHARGE OF NORTH PLATTE RIVER
AT
NORTH PLATTE
WATER YEARS 1895-1914









**DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO**

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	31	62	73	74	198	231	242	40	40	31	24	25
2	23	66	77	75	213	274	231	40	32	23	24	24
3	32	64	86	77	223	262	225	39	46	37	27	25
4	34	33	87	82	235	259	193	42	46	28	23	24
5	37	124	88	80	254	237	168	40	45	20	27	29
6	56	131	88	70	266	232	146	40	42	18	27	25
7	66	109	81	74	297	221	126	40	39	24	16	21
8	83	102	101	82	299	180	111	29	31	24	24	21
9	102	116	109	101	279	237	97	44	159	14	28	30
10	114	100	115	129	285	345	84	43	161	14	26	23
11	109	97	120	134	297	327	52	37	138	24	23	25
12	83	88	125	171	292	354	76	36	92	15	21	24
13	79	56	124	174	313	325	76	34	77	15	27	28
14	75	32	129	202	312	348	68	34	68	15	25	27
15	70	38	134	180	326	347	60	40	67	15	30	29
16	65	36	135	171	425	295	60	40	42	15	30	27
17	62	36	133	172	418	290	58	40	40	14	29	23
18	64	72	130	175	254	195	58	24	35	13	24	23
19	59	63	127	174	354	190	37	34	58	17	28	26
20	60	84	126	168	332	205	56	34	42	19	23	25
21	65	64	126	163	250	242	53	33	39	16	23	25
22	60	44	123	157	249	262	53	37	36	25	24	24
23	59	71	125	142	312	279	47	34	31	15	28	24
24	59	65	125	146	203	169	44	34	30	19	26	25
25	55	55	120	154	290	106	43	37	30	17	24	26
26	54	31	121	166	304	162	43	45	15	25	24	24
27	54	90	121	180	218	201	43	47	13	25	23	24
28	60	50	116	135	311	230	45	40	13	24	25	26
29	61	48	112	201	311	276	45	39	32	18	25	26
30	61	48	110	211	311	276	45	39	30	25	25	25
31	61	67	87	184	311	257	37	36	24	24	26	26
Mean	64	77	113	144	345	297	31	34	57	27	27	28
Max.	116	134	138	201	613	391	242	45	161	43	31	29
Min.	32	42	30	70	108	148	43	37	30	14	24	24
A. P.	35.0	49.5	69.0	88.0	191.0	174.0	142.0	235.0	236.0	164.0	166.0	149.0

Total acre-feet, 72687

Record furnished by the State of Colorado.

**DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT OGALLALA**

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	24	23	6	1	0
2	37	33	4	1	0
3	43	25	5	1	0
4	31	25	51	1	14
5	34	28	22	1	10
6	31	25	11	1	9
7	31	25	9	1	16
8	26	22	1	1	16
9	28	22	9	0	12
10	24	21	7	0	11
11	24	21	7	0	12
12	23	20	6	0	11
13	25	22	6	0	11
14	25	22	5	4	11
15	25	24	4	4	11
16	24	23	5	4	8
17	25	19	4	4	8
18	26	100	4	4	8
19	25	83	4	5	8
20	43	30	4	2	7
21	13	24	11	3	7
22	53	28	1	3	6
23	44	34	6	3	6
24	40	25	20	3	4
25	40	25	11	15	4
26	40	45	24	14	3
27	34	26	7	12	3
28	37	21	3	12	3
29	32	23	7	11	3
30	37	25	6	11	3
31	22	22	2	11	3
Mean	35	66	9	4	3
Max.	217	224	61	16	25
Min.	21	6	1	0	3
A. P.	482	2126	3969	134	516

Total acre-feet 3256.

*No record.

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

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	0	0	52	47	80	270	138	74	89	20	8	1
2	0	0	58	32	150	410	305	74	119	78	4	1
3	0	0	58	37	120	420	290	87	98	31	2	1
4	0	0	41	31	155	470	765	67	98	24	1	2
5	0	0	19	31	240	500	357	71	99	18	28	21
6	0	0	5	28	225	530	235	74	88	12	28	26
7	0	0	19	27	230	450	224	87	85	11	24	40
8	0	0	15	26	185	440	194	93	85	7	20	45
9	0	0	18	25	140	353	175	67	121	5	24	37
10	0	0	31	30	225	354	175	77	114	11	22	28
11	0	0	7	45	250	355	175	67	92	11	22	24
12	0	0	57	41	258	317	197	74	87	4	24	31
13	0	0	58	48	252	272	144	71	51	17	22	32
14	0	0	58	48	290	757	151	65	61	15	22	32
15	0	0	109	48	310	265	187	61	78	5	21	31
16	0	1	124	57	315	270	124	104	104	1	19	19
17	0	1	53	59	340	221	174	61	101	28	1	17
18	0	1	38	46	345	183	91	61	85	18	1	14
19	0	2	709	32	350	280	68	61	71	11	1	14
20	0	20	145	28	335	328	89	54	64	5	1	7
21	0	30	131	28	285	290	91	54	57	4	1	7
22	0	31	153	31	310	291	98	63	56	1	1	4
23	0	35	160	40	375	268	91	52	38	0	0	2
24	0	37	145	52	315	344	119	54	24	0	0	1
25	0	37	145	68	245	289	114	57	29	0	0	1
26	0	37	147	78	252	178	65	63	57	1	1	3
27	0	38	98	76	245	212	58	62	71	1	1	15
28	0	37	111	74	350	260	130	75	67	1	1	15
29	0	38	104	72	300	260	91	71	41	1	1	18
30	0	41	85	80	305	205	75	71	38	1	1	19
31	0	45	85	85	482	482	74	74	74	1	1	1
Mean	0	10	85	68	275	334	163	71	77	19	1	17
Max	0	45	185	85	385	530	416	93	124	29	28	46
Min	0	0	5	25	90	178	75	54	2	1	0	0
A. P.	0	642	5540	2690	11170	77531	380	4195	4570	608	285	508
Total acre-feet	6671 64220											

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT BRADY

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	
1	+	+	+	+	+	+	+	1157	300	130	349	241	
2	+	+	+	+	+	+	+	1005	354	115	327	93	
3	+	+	+	+	+	+	+	878	621	122	256	39	
4	+	+	+	+	+	+	+	905	579	139	543	136	
5	+	+	+	+	+	+	+	799	171	120	361	178	
6	+	+	+	+	+	+	+	687	1456	181	321	464	
7	+	+	+	+	+	+	+	641	2314	219	285	536	
8	+	+	+	+	+	+	+	672	2560	136	233	672	
9	+	+	+	+	+	+	+	618	2217	47	228	317	
10	+	+	+	+	+	+	+	591	2599	74	188	268	
11	+	+	+	+	+	+	+	631	2511	12	140	1319	
12	+	+	+	+	+	+	+	620	2515	12	162	1221	
13	+	+	+	+	+	+	+	645	2523	47	121	1225	
14	+	+	+	+	+	+	+	582	1827	10	74	1084	
15	+	+	+	+	+	+	+	535	1628	51	81	1020	
16	+	+	+	+	+	+	+	249	2464	197	27	379	
17	+	+	+	+	+	+	+	465	3072	214	26	343	
18	+	+	+	+	+	+	+	464	2593	375	28	298	
19	+	+	+	+	+	+	+	489	1811	329	11	743	
20	+	+	+	+	+	+	+	1675	385	1618	69	218	
21	+	+	+	+	+	+	+	1475	145	1717	928	21	828
22	+	+	+	+	+	+	+	1425	409	158	1680	29	34*
23	+	+	+	+	+	+	+	1463	157	618	1621	26	325
24	+	+	+	+	+	+	+	1662	281	305	1215	15	404
25	+	+	+	+	+	+	+	1352	269	321	1186	25	509
26	+	+	+	+	+	+	+	1267	745	421	1229	61	610
27	+	+	+	+	+	+	+	1927	501	494	874	125	671
28	+	+	+	+	+	+	+	362	454	637	778	173	681
29	+	+	+	+	+	+	+	1660	76	290	690	320	680
30	+	+	+	+	+	+	+	1416	29	399	432	152	719
31	+	+	+	+	+	+	+	740	740	424	504	424	504
Mean	+	+	+	+	+	+	+	742	564	119	168	157	674
Max	+	+	+	+	+	+	+	1667	1352	303	1621	543	1221
Min	+	+	+	+	+	+	+	851	140	207	12	15	85
A. P.	+	+	+	+	+	+	+	3120	3450	8084	2864	1024	4210
Total acre-feet	21380												

*No record.

DISCHARGE IN SECOND-FEET, PLATTE RIVER
 AT COZAD
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	
1		172	175					55	14	19	7	5	
2								429	261	23	8	5	
3								241	198	23	6	5	
4								262	212	12	474	11	
5								260	209	5	124	5	
6								251	220	6	52	5	
7								298	1524	5	25	3	
8	250	1315						197	1173	5	7	254	
9		605	1160					144	1626	4	4	113	
10		1332						421	2060	3	5	126	
11		865						216	1860	3	5	246	
12		156						296	2160	3	5	202	
13								164	2140	3	11	794	
14								97	2405	3	7	545	
15								22	1677	3	4	255	
16		290						56	1458	3	3	415	
17		633						19	2178	3	3	369	
18		187						23	262	3	3	212	
19		574						14	1660	3	3	217	
20								57	1444	3	3	94	
21	251							628	21	1963	3	5	86
22								108	23	654	4	5	15
23								510	27	143	4	4	12
24		135						752	31	40	392	2	10
25								259	7	24	235	2	9
26		262						685	26	360	21	2	5
27		285						44	17	215	47	0	5
28		520						265	11	125	16	4	5
29								452	13	56	9	4	7
30	157							191	11	25	10	5	5
31	75							6			5	5	
Year								607	128	1024	24	20	352
Max.								567	558	2662	392	474	742
Min.								404	8	14	3	0	5
A. Y.								13220	1740	11340	1024	1587	9167

Total acre-feet 8480 (April 20 to September 30, inclusive)
 *No record

 DISCHARGE IN SECOND-FEET, PLATTE RIVER
 AT OVERTON
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1			254	159	400	2570	194	515			0	0
2			593	464	130	2174	2184	328	23		0	0
3			475	410	510	2690	2070	594	14		0	0
4			203	430	600	4190	2520	473	24		0	0
5	0	299	510	540	680	4500	2420	253	442		0	120
6	0	702	646	330	750	4750	2660	155	245		0	0
7	0	263	125	120	630	4550	2150	105	215		0	0
8	0	1420	798	290	620	4060	1530	146	637		0	0
9	0	114	810	160	280	4780	1540	129	2492		0	0
10	0	786	325	120	565	4560	1560	167	7157		0	4
11	0	1424	620	230	730	4040	1160	24	7407		0	0
12	0	613	380	240	1700	3420	1560	39	2340		0	0
13	0	691	205	520	1720	4020	1620	67	2330		0	0
14	0	321	160	175	2250	2450	1350	24	1660		0	295
15	0	375	950	450	2640	2160	1060	23	2160		0	262
16	0	250	645	490	2650	1280	900	78	1560		0	254
17	0	315	1010	445	4120	3150	667	14	1440		0	226
18	0	205	1420	420	3350	2640	729	7	2240		0	154
19	0	117	1740	300	3520	2940	558	4	2090		0	146
20	0	117	1650	390	3650	4300	661	0	1700		0	34
21	0	294	350	260	4200	4450	548	0	1250		0	7
22	0	484	695	265	5400	1020	590	14	847		0	0
23	0	244	1090	115	4510	3090	558	4	431		0	0
24	0	200	1380	145	4250	3110	645	1	129		0	0
25	0	349	1010	300	3540	2520	624	0	58		0	0
26	0	512	1150	295	1060	2520	547	7	335		0	0
27	0	604	728	360	2600	1870	482	23	554		0	0
28	0	736	950	470	2200	1540	262	11	840		0	0
29	0	691	510	450	...	1220	360	0	275		0	0
30	0	744	572	440	...	1240	442	0	82		0	0
31	0		460	290	...	1290	0	0	0		0	0
Mean	0	471	570	232	2240	3200	1133	105	992		0	52
Max.	0	1420	1340	510	5400	4060	3150	594	2650		0	293
Min.	0	0	460	115	400	1240	242	0	0		0	0
A. Y.	0	29460	54750	20420	123500	196300	70970	5470	5802		0	3141

Total acre-feet 365100.

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT GUESSA

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	+	+	+	+	+	3047	423	130	0	0	0	0
2	+	+	+	+	+	3700	1150	156	0	0	0	0
3	+	+	+	+	+	3964	4570	290	0	0	0	0
4	+	+	+	+	+	3560	3710	351	0	0	0	0
5	+	+	+	+	+	4750	2220	20	15	0	0	0
6	+	+	+	+	+	4447	2790	0	265	0	0	0
7	+	+	+	+	+	5000	3130	5	23	0	0	0
8	+	+	+	+	+	4500	1970	5	151	0	0	0
9	+	+	+	+	+	4350	1640	1	1430	0	0	0
10	+	+	+	+	+	4000	1430	0	1530	0	0	0
11	+	+	+	+	+	2300	1260	0	1500	0	0	0
12	+	+	+	+	+	5045	1540	0	1640	0	0	0
13	+	+	+	+	+	2400	1700	0	2055	0	0	0
14	+	+	+	+	+	2560	1700	0	1550	0	0	0
15	+	+	+	+	+	2500	1520	0	1560	0	0	0
16	+	+	+	+	+	3000	980	0	1570	0	0	0
17	+	+	+	+	+	5150	1190	0	1760	0	0	0
18	+	+	+	+	+	3100	395	0	1200	0	0	0
19	+	+	+	+	+	2700	565	0	1700	0	0	0
20	+	+	+	+	+	2425	605	0	2055	0	0	0
21	+	+	+	+	+	5300	510	0	600	0	0	0
22	+	+	+	+	+	5000	107	0	202	0	0	0
23	+	+	+	+	+	3020	225	0	21	0	0	0
24	+	+	+	+	+	5400	650	0	11	0	0	0
25	+	+	+	+	+	2600	500	0	1	0	0	0
26	+	+	+	+	+	2600	455	0	500	0	0	0
27	+	+	+	+	+	2720	387	0	235	0	0	0
28	+	+	+	+	+	2080	330	0	152	0	0	0
29	+	+	+	+	+	1550	225	0	23	0	0	0
30	+	+	+	+	+	1360	156	0	5	0	0	0
31	+	+	+	+	+	1500	0	0	0	0	0	0
Mean						2790	1290	12	755	0	0	0
Max.						5300	4570	500	2055	0	0	0
Min.						1250	156	0	0	0	0	0
A. P.						2,2450	7070	1500	4420	0	0	0

Total acre-feet 325300.

*No record.

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT GRAND ISLAND

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	80	0	1160	809	378	147	227	0	0
2	0	0	0	85	0	2280	670	367	138	118	0	0
3	0	0	0	25	0	2000	708	432	178	25	0	0
4	0	0	0	3	0	3670	1170	547	134	0	0	0
5	0	0	0	0	0	4430	2320	550	248	0	0	0
6	0	0	0	0	0	4140	2140	423	227	0	0	0
7	0	0	0	0	0	4210	2000	432	196	0	0	0
8	0	0	0	0	0	4730	1940	438	257	0	0	0
9	0	0	0	0	0	4070	1760	308	322	0	0	0
10	0	0	0	0	0	4000	1500	301	323	0	0	0
11	0	0	0	0	0	4030	1250	311	376	0	0	0
12	0	0	0	0	0	3570	1080	249	2450	0	0	0
13	0	0	0	0	0	3340	927	35	2500	0	0	0
14	0	0	0	0	0	2730	927	35	3520	0	0	0
15	0	0	0	0	0	1970	1150	54	3550	0	0	0
16	0	0	0	0	4	2680	1080	40	2160	0	0	0
17	0	0	0	0	289	2570	605	53	2520	0	0	0
18	0	0	0	0	2160	2190	717	42	1470	0	0	0
19	0	0	0	0	2750	2750	740	7	346	0	0	0
20	0	0	0	0	3000	2460	684	0	362	0	0	0
21	0	0	0	0	2120	2700	523	0	1050	0	0	0
22	0	0	0	0	2000	2620	547	52	1200	0	0	0
23	0	0	0	0	2730	2790	590	157	709	0	0	0
24	0	0	237	0	3570	3040	684	42	872	0	0	0
25	0	0	674	0	1540	2420	522	21	207	0	0	0
26	0	0	575	0	1260	2090	344	257	344	0	0	0
27	0	0	290	0	1580	3120	373	309	29	0	0	0
28	0	0	163	0	1760	3290	417	297	580	0	0	0
29	0	0	269	0	0	2150	472	872	560	0	0	0
30	0	0	227	0	0	1650	447	356	344	0	0	0
31	0	0	157	0	0	1240	0	203	0	0	0	0
Mean	0	0	64	7	582	3027	991	280	777	12	0	0
Max.	0	0	674	85	3570	4730	2320	757	2160	227	0	0
Min.	0	0	0	0	0	1940	544	0	118	0	0	0
A. P.	0	0	6180	436	42500	115800	59990	13900	40220	754	0	0

Total acre-feet 362900.

DISCHARGE IN SECOND-FEET, PLATTE RIVER

AT DUNCAN

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	0	0	0	0	0	270	240	500	350	640	80	0
2	0	0	0	0	0	320	140	500	450	600	30	0
3	0	0	0	0	0	170	170	620	240	450	15	0
4	0	0	0	0	0	400	1000	600	180	220	11	0
5	0	0	0	0	0	500	700	560	210	150	5	0
6	0	0	0	0	0	470	210	560	200	60	5	0
7	0	0	0	0	0	500	210	520	250	20	0	0
8	0	0	0	0	0	500	210	400	180	10	5	0
9	0	0	0	0	0	150	700	550	200	11	1	0
10	0	0	0	0	0	310	160	420	270	25	1	0
11	0	0	0	0	0	350	190	320	200	20	1	0
12	0	0	0	0	0	300	120	310	200	20	1	0
13	0	0	0	0	0	300	120	310	200	20	1	0
14	0	0	0	0	0	40	250	110	190	70	0	0
15	0	0	0	0	0	60	270	120	180	20	0	0
16	0	0	0	0	0	80	170	110	140	10	0	0
17	0	0	0	0	0	100	120	120	110	10	0	0
18	0	0	0	0	0	110	120	110	100	10	0	0
19	0	0	0	0	0	90	220	120	120	10	0	0
20	0	0	0	0	0	220	220	110	0	0	0	0
21	0	0	0	0	0	120	220	100	50	40	0	0
22	0	0	0	0	0	100	210	110	50	40	0	0
23	0	0	0	0	0	120	220	110	30	120	0	0
24	0	0	0	0	0	180	220	70	10	50	0	0
25	0	0	0	0	0	180	220	50	10	0	0	0
26	0	0	0	0	0	180	220	50	10	0	0	0
27	0	0	0	0	0	260	150	500	70	44	0	0
28	0	0	0	0	0	270	210	470	70	30	0	0
29	0	0	0	0	0	240	190	470	240	40	0	0
30	0	0	0	0	0	220	180	420	150	10	0	0
31	0	0	0	0	0	210	170	170	110	0	0	0
Mean	0	0	0	0	1.0	310	118	378	161	110	0	0
Max.	0	0	0	0	0	200	340	270	100	640	0	0
Min.	0	0	0	0	0	170	40	30	10	0	0	0
A. P.	12	118	310	8	320	190	600	220	400	70	170	0

Total acre-feet 22,100.

DISCHARGE IN SECOND-FEET, PLATTE RIVER

AT ASHLAND

Year Ending September 30, 1937

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	1700	2920	2430	720	1160	1290	3210	3120	3500	1820	620	1840
2	1770	1930	2430	580	1180	1500	3120	3270	3700	2000	330	2020
3	1770	1650	2500	410	1210	1400	1750	3270	3020	3020	330	2020
4	1960	1900	2610	420	1210	1540	4470	4250	4220	2020	290	1820
5	2000	2620	2520	440	1350	1410	4040	4300	4200	2020	260	1820
6	1990	2430	1150	470	1360	1420	3920	4220	3490	1600	150	1570
7	2000	1200	720	710	1700	1420	4120	3070	2810	1370	140	2540
8	1990	1500	820	220	1800	1310	3900	3740	3610	1300	2070	3170
9	1870	1500	860	200	1800	1120	3580	3750	3190	1200	1790	2180
10	1820	2200	920	480	1800	1200	3190	4020	2680	1150	1850	2220
11	1820	2220	900	460	1820	1100	3510	4120	2320	1110	1270	1840
12	1810	2110	880	470	1820	1300	3400	3620	2180	1110	1120	1920
13	1840	2020	820	470	1820	1100	4010	3390	1710	1200	1120	2620
14	1740	2560	820	490	1710	1290	3720	3650	3120	1400	1020	1920
15	1750	2320	820	560	1700	1150	3220	3910	3010	1250	950	2020
16	1760	2260	810	670	1800	1150	3700	3900	4720	1820	900	1720
17	1740	2260	1000	610	1860	1200	3220	3220	4270	2020	810	1820
18	1750	2200	220	690	2100	1220	3120	2710	3820	1790	860	1400
19	1860	2220	1800	770	2120	1600	3260	2700	3600	2100	1310	1500
20	1860	2320	220	820	2200	1500	3500	3410	3120	2020	1560	1320
21	1860	2420	2200	820	2200	1400	3450	3290	2800	2200	3190	1290
22	1840	2220	2200	610	2200	1660	3190	3200	3200	2950	3320	1220
23	1820	2270	330	590	2020	1600	2920	2990	1700	2820	2850	1290
24	1900	2220	3400	1110	4110	1700	3130	1870	3200	1920	2560	1200
25	2010	2290	3400	1240	4000	1820	2900	2900	3200	1400	2920	2500
26	2060	2560	2300	1600	4720	1720	3620	3250	3020	1300	1790	2100
27	1900	2290	4120	1280	1900	1710	3220	3220	4120	1500	1500	2200
28	2040	2260	2700	1510	11200	2670	3490	3720	1600	1970	1300	1790
29	2220	2420	2220	1400	4920	3220	3220	3220	3220	2800	1290	2700
30	2120	2070	1200	1440	5810	3280	3280	3280	4480	1900	1110	2480
31	2400	290	1010	520	4200	4200	4200	4200	4200	4200	1260	1260
Mean	1950	2220	1800	620	2000	1900	3270	3290	4000	2440	1520	2120
Max.	2410	2620	3490	1520	4720	15400	5500	8710	16200	7220	4200	2620
Min.	1200	1590	720	410	1400	420	2910	1870	2120	1110	660	1220
A. P.	116500	125400	117400	26990	167700	674900	725200	271000	291100	125600	119000	126500

Total acre-feet 225,800.

PATHFINDER STORAGE RESERVOIR

Daily Contents in Acre-feet

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	62831	62720	117271	118621	118929	121110	22197	103829	20320	218251	240030	262120
2	62831	62820	118270	114690	118719	121790	22198	103829	207910	218251	240030	262120
3	61301	61591	114520	118250	120580	120130	22170	103010	207910	218251	240030	262120
4	61301	62820	115220	118150	121200	120720	22180	103829	209500	218251	240030	262120
5	60901	62021	114850	117210	122160	120600	221100	102000	210000	218251	240030	262120
6	60461	61020	117620	118720	122920	120000	221800	102200	208000	218251	240030	262120
7	60461	61020	118220	118920	123780	120000	221600	102000	207000	218251	240030	262120
8	60461	61020	118220	119520	124640	120200	221600	102000	207000	218251	240030	262120
9	60461	61020	118220	120120	125500	120400	221600	102000	207000	218251	240030	262120
10	60461	61020	118220	120720	126360	120600	221600	102000	207000	218251	240030	262120
11	60630	60820	118220	121320	127220	120800	221600	102000	207000	218251	240030	262120
12	61220	60820	118220	121920	128080	121000	221600	102000	207000	218251	240030	262120
13	61190	61520	121320	122520	128940	121200	221600	102000	207000	218251	240030	262120
14	62550	62520	121320	123120	129800	121400	221600	102000	207000	218251	240030	262120
15	62390	62480	121020	123720	130660	121600	221600	102000	207000	218251	240030	262120
16	62220	62480	121020	124320	131520	121800	221600	102000	207000	218251	240030	262120
17	62220	62480	121020	124920	132380	122000	221600	102000	207000	218251	240030	262120
18	62220	62480	121020	125520	133240	122200	221600	102000	207000	218251	240030	262120
19	62220	62480	121020	126120	134100	122400	221600	102000	207000	218251	240030	262120
20	62220	62480	121020	126720	134960	122600	221600	102000	207000	218251	240030	262120
21	62220	62480	121020	127320	135820	122800	221600	102000	207000	218251	240030	262120
22	62220	62480	121020	127920	136680	123000	221600	102000	207000	218251	240030	262120
23	62220	62480	121020	128520	137540	123200	221600	102000	207000	218251	240030	262120
24	62220	62480	121020	129120	138400	123400	221600	102000	207000	218251	240030	262120
25	62220	62480	121020	129720	139260	123600	221600	102000	207000	218251	240030	262120
26	62220	62480	121020	130320	140120	123800	221600	102000	207000	218251	240030	262120
27	62220	62480	121020	130920	140980	124000	221600	102000	207000	218251	240030	262120
28	62220	62480	121020	131520	141840	124200	221600	102000	207000	218251	240030	262120
29	62220	62480	121020	132120	142700	124400	221600	102000	207000	218251	240030	262120
30	62421	611800	124260	132720	143560	124600	221600	102000	207000	218251	240030	262120
31	61621		117270	128110		127220		102000		218251	240030	262120

Report furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INTO PATHFINDER RESERVOIR
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	225	221	201	179	158	137	121	102	87	75	67	58
2	224	212	199	179	158	137	121	102	87	75	67	58
3	221	225	171	179	158	137	121	102	87	75	67	58
4	240	212	171	151	139	119	102	87	75	67	58	50
5	224	221	179	152	138	118	102	87	75	67	58	50
6	228	222	179	152	138	118	102	87	75	67	58	50
7	222	221	179	152	138	118	102	87	75	67	58	50
8	241	212	179	152	138	118	102	87	75	67	58	50
9	227	212	179	152	138	118	102	87	75	67	58	50
10	221	220	179	152	138	118	102	87	75	67	58	50
11	224	225	179	152	138	118	102	87	75	67	58	50
12	221	225	179	152	138	118	102	87	75	67	58	50
13	220	225	179	152	138	118	102	87	75	67	58	50
14	214	225	179	152	138	118	102	87	75	67	58	50
15	214	225	179	152	138	118	102	87	75	67	58	50
16	215	225	179	152	138	118	102	87	75	67	58	50
17	212	225	179	152	138	118	102	87	75	67	58	50
18	212	225	179	152	138	118	102	87	75	67	58	50
19	212	225	179	152	138	118	102	87	75	67	58	50
20	212	225	179	152	138	118	102	87	75	67	58	50
21	212	225	179	152	138	118	102	87	75	67	58	50
22	212	225	179	152	138	118	102	87	75	67	58	50
23	212	225	179	152	138	118	102	87	75	67	58	50
24	212	225	179	152	138	118	102	87	75	67	58	50
25	212	225	179	152	138	118	102	87	75	67	58	50
26	212	225	179	152	138	118	102	87	75	67	58	50
27	212	225	179	152	138	118	102	87	75	67	58	50
28	212	225	179	152	138	118	102	87	75	67	58	50
29	212	225	179	152	138	118	102	87	75	67	58	50
30	212	225	179	152	138	118	102	87	75	67	58	50
31	227		179	152	138	118	102	87	75	67	58	50
Mean	216	212	201	179	158	137	121	102	87	75	67	58
Max	272	221	179	179	158	137	121	102	87	75	67	58
Min	220	225	179	152	138	118	102	87	75	67	58	50
A. F.	29820	22820	21820	22110	22100	22020	17720	12240	10220	7220	5220	6360

Total acre feet, 133450.

Report furnished by the United States Bureau of Reclamation.

GUERNSEY STORAGE RESERVOIR

Daily Contents in Acre-Feet

Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	28000	42000	44500	43400	39000	39000	36500	33100	48100	52700	47900	36600
2	28300	42700	44800	43400	39200	39000	36500	33100	48200	52700	48000	36600
3	28600	43200	44900	43400	39300	39000	36500	33200	48300	52700	48100	36600
4	29100	43900	44900	43500	39400	39000	36500	33300	48400	52700	48200	36600
5	30100	45000	45000	43500	39400	39000	36500	33400	48500	52700	48300	36600
6	30700	45500	45000	43500	39400	39000	36500	33500	48600	52700	48400	36600
7	30700	45500	45000	43500	39400	39000	36500	33500	48600	52700	48400	36600
8	31100	45700	45000	43500	39400	39000	36500	33600	48700	52700	48500	36600
9	31500	45900	45000	43500	39400	39000	36500	33700	48800	52700	48600	36600
10	31900	46100	45000	43500	39400	39000	36500	33800	48900	52700	48700	36600
11	32400	46300	45000	43500	39400	39000	36500	33900	49000	52700	48800	36600
12	32400	46300	45000	43500	39400	39000	36500	33900	49000	52700	48800	36600
13	32800	46500	45000	43500	39400	39000	36500	34000	49100	52700	48900	36600
14	33300	46700	45000	43500	39400	39000	36500	34100	49200	52700	49000	36600
15	33300	46700	45000	43500	39400	39000	36500	34100	49200	52700	49000	36600
16	33700	46900	45000	43500	39400	39000	36500	34200	49300	52700	49100	36600
17	34200	47100	45000	43500	39400	39000	36500	34300	49400	52700	49200	36600
18	34200	47100	45000	43500	39400	39000	36500	34300	49400	52700	49200	36600
19	34600	47300	45000	43500	39400	39000	36500	34400	49500	52700	49300	36600
20	35100	47500	45000	43500	39400	39000	36500	34500	49600	52700	49400	36600
21	35100	47500	45000	43500	39400	39000	36500	34500	49600	52700	49400	36600
22	35500	47700	45000	43500	39400	39000	36500	34600	49700	52700	49500	36600
23	36000	47900	45000	43500	39400	39000	36500	34700	49800	52700	49600	36600
24	36000	47900	45000	43500	39400	39000	36500	34700	49800	52700	49600	36600
25	36400	48100	45000	43500	39400	39000	36500	34800	49900	52700	49700	36600
26	36900	48300	45000	43500	39400	39000	36500	34900	50000	52700	49800	36600
27	36900	48300	45000	43500	39400	39000	36500	34900	50000	52700	49800	36600
28	37300	48500	45000	43500	39400	39000	36500	35000	50100	52700	49900	36600
29	37800	48700	45000	43500	39400	39000	36500	35100	50200	52700	50000	36600
30	37800	48700	45000	43500	39400	39000	36500	35100	50200	52700	50000	36600
31	38200	48900	45000	43500	39400	39000	36500	35200	50300	52700	50100	36600

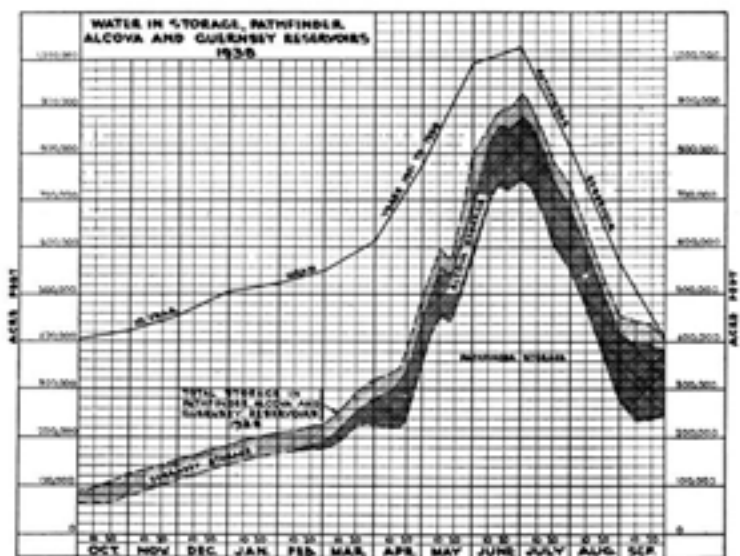
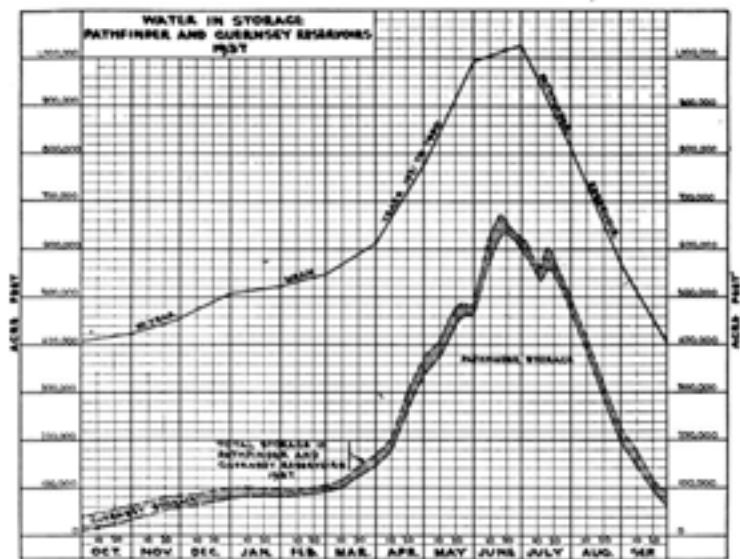
Record furnished by the United States Bureau of Reclamation

DISCHARGE IN SECOND-FEET NORTH PLATT RIVER
INTO GUERNSEY RESERVOIR
Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	100	200	100	200	200	200	175	175	175	200	400	400
2	200	200	100	200	200	200	175	175	175	200	200	400
3	200	200	200	200	200	200	175	175	175	200	200	200
4	200	200	200	200	200	200	175	175	175	200	200	200
5	200	200	200	200	200	200	175	175	175	200	200	200
6	200	200	200	200	200	200	175	175	175	200	200	200
7	200	200	200	200	200	200	175	175	175	200	200	200
8	200	200	200	200	200	200	175	175	175	200	200	200
9	200	200	200	200	200	200	175	175	175	200	200	200
10	200	200	200	200	200	200	175	175	175	200	200	200
11	200	200	200	200	200	200	175	175	175	200	200	200
12	200	200	200	200	200	200	175	175	175	200	200	200
13	200	200	200	200	200	200	175	175	175	200	200	200
14	200	200	200	200	200	200	175	175	175	200	200	200
15	200	200	200	200	200	200	175	175	175	200	200	200
16	200	200	200	200	200	200	175	175	175	200	200	200
17	200	200	200	200	200	200	175	175	175	200	200	200
18	200	200	200	200	200	200	175	175	175	200	200	200
19	200	200	200	200	200	200	175	175	175	200	200	200
20	200	200	200	200	200	200	175	175	175	200	200	200
21	200	200	200	200	200	200	175	175	175	200	200	200
22	200	200	200	200	200	200	175	175	175	200	200	200
23	200	200	200	200	200	200	175	175	175	200	200	200
24	200	200	200	200	200	200	175	175	175	200	200	200
25	200	200	200	200	200	200	175	175	175	200	200	200
26	200	200	200	200	200	200	175	175	175	200	200	200
27	200	200	200	200	200	200	175	175	175	200	200	200
28	200	200	200	200	200	200	175	175	175	200	200	200
29	200	200	200	200	200	200	175	175	175	200	200	200
30	200	200	200	200	200	200	175	175	175	200	200	200
31	200	200	200	200	200	200	175	175	175	200	200	200
Mean	200	200	200	200	200	200	175	175	175	200	200	200
Max	200	200	200	200	200	200	175	175	175	200	200	200
Min	200	200	200	200	200	200	175	175	175	200	200	200
A	24000	6000	14000	19000	12000	18000	9000	10000	21000	25000	28000	19000

Total acre feet, 3187500

Record furnished by the United States Bureau of Reclamation



**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GILBERTS RESERVOIR**
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	322	179	201	251	315	335	341	199	169	3780	4504	4304
2	313	264	249	232	302	281	238	133	100	4000	4784	4284
3	294	250	244	232	285	257	211	82	50	4400	4820	3550
4	303	238	233	231	291	261	118	173	120	4470	4970	3520
5	291	269	258	265	217	197	135	57	25	4710	4850	2370
6	278	238	216	240	257	229	112	150	220	4530	5010	2660
7	237	273	363	314	223	111	23	183	210	4400	4910	2660
8	293	277	330	291	229	212	227	153	210	4500	4900	2970
9	298	273	287	231	218	204	251	173	210	4300	5010	2190
10	237	301	285	281	248	257	17	197	300	4500	5010	2310
11	242	264	212	211	273	211	108	57	300	4410	5100	2320
12	296	237	254	247	251	231	231	183	211	4760	4300	2200
13	304	237	257	247	260	232	243	169	240	4570	4910	2970
14	238	291	241	239	257	190	214	315	180	4400	4500	2300
15	284	285	258	261	28	247	282	315	120	4300	4510	1300
16	296	261	261	268	414	254	222	214	450	4300	4740	1600
17	232	241	264	260	216	233	250	250	150	4300	4770	1620
18	236	260	260	237	251	253	211	250	470	4500	4500	1700
19	212	264	247	217	278	251	311	275	170	4700	4700	1500
20	164	281	195	211	217	217	88	200	120	4500	4100	1310
21	247	281	338	312	238	171	100	163	430	4600	4600	2330
22	211	211	213	210	210	212	130	130	410	5300	4410	2370
23	211	231	313	251	261	247	240	128	110	4300	4500	2300
24	190	253	272	251	253	212	210	200	200	4300	4400	2600
25	160	259	312	324	251	233	230	240	410	4700	4400	2610
26	138	151	240	330	240	200	200	200	370	4400	4400	2300
27	247	247	230	230	237	211	205	130	260	4200	4700	2300
28	241	241	207	189	212	153	130	130	210	4300	4370	1300
29	247	163	230	247	212	278	200	220	270	4300	4510	1670
30	233	240	250	232	210	210	200	210	200	4300	4300	1300
31	225	230	230	217	210	210	210	210	210	4400	4300	1300
Mean	265	246	275	241	271	259	238	166	141	4300	4740	2374
Max	321	303	332	338	341	332	340	319	470	5100	5100	4300
Min	160	151	192	190	121	200	200	130	200	4300	4300	2300
A. P.	1519	1600	1680	1610	1590	1510	1200	2010	2700	29310	29310	14120

Total acre feet 114470

Record furnished by the United States Bureau of Reclamation

**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
PASSING WHELEN, WYOMING**
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	75	27	146	131	87	58	47	83	50	307	1416	1151
2	75	78	134	116	97	75	55	113	50	290	1392	1000
3	81	57	135	112	75	66	75	200	50	333	1375	500
4	107	13	112	81	55	12	15	262	50	309	1374	115
5	78	59	108	71	70	57	23	251	50	373	1412	505
6	37	65	131	111	70	51	123	130	815	1311	1363	107
7	63	74	65	76	77	76	77	57	873	1231	1344	202
8	55	55	258	65	81	58	42	141	306	117	1412	401
9	30	55	39	53	38	48	172	72	1256	130	1413	236
10	57	62	77	111	88	51	52	114	131	1200	1423	85
11	50	64	66	111	76	47	80	80	1420	1447	1323	62
12	16	62	64	95	83	41	46	51	258	1146	1475	63
13	44	35	45	33	115	32	38	261	1311	1373	1326	50
14	40	65	121	117	111	60	60	295	1315	1294	1322	55
15	52	52	53	53	100	135	302	118	1402	1066	1277	70
16	15	53	60	75	131	117	111	121	1151	1222	1205	73
17	26	57	59	66	111	73	110	135	1051	1205	1167	47
18	43	61	140	65	58	52	110	497	120	1237	1348	48
19	28	74	24	67	69	57	75	174	1205	1343	1266	50
20	33	74	65	96	45	63	131	21	1205	1307	1300	46
21	57	41	74	78	78	50	50	60	1307	1307	1352	102
22	57	41	78	78	78	47	47	46	1204	1325	1330	90
23	17	88	130	121	111	77	117	75	1127	1160	1415	63
24	55	88	121	115	115	75	75	81	1003	1154	1362	33
25	54	88	117	115	115	75	75	75	1028	1141	1162	7
26	51	62	80	80	80	80	80	131	1141	1160	1255	9
27	52	62	80	80	80	80	80	131	1141	1160	1237	30
28	123	67	141	141	141	141	141	141	141	1428	1333	0
29	30	105	123	104	77	55	55	127	71	1028	1375	0
30	37	123	104	68	77	29	29	67	501	1107	1200	0
31	37	57	123	71	71	71	71	100	1100	1170	1104	0
Mean	57	57	121	111	77	67	67	115	1100	1300	1300	1300
Max	123	123	141	141	138	127	141	141	1501	1500	1522	1351
Min	35	55	95	78	65	47	34	1	50	957	1107	0
A. P.	3160	3450	7380	4340	4070	3500	2611	2710	6820	6070	52140	10680

Total acre feet 221260

The quantity passing Whelen is determined by subtracting the total of the measured diversions above Whelen from the measured outflow of Gilberts Reservoir.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT OSHKOSH

Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	356	1540	1659	1281	1309	1510	1148	2140	1563	1300	871	588
2	856	1460	1659	1481	1679	2390	1148	2770	1560	1300	926	776
3	328	1460	1659	1401	2840	2390	2640	2440	1560	1300	772	674
4	1130	1510	1460	1379	2220	2070	1950	1890	1300	1170	655	2030
5	2290	1460	1300	1250	2220	2390	2700	1148	1300	1300	968	700
6	2250	1460	1350	1351	2780	2700	1148	1300	1300	968	700	2770
7	1830	1300	1340	1301	2300	2390	1148	1300	968	700	907	2070
8	1340	1310	1344	1301	2390	2390	1148	1300	968	700	478	2080
9	1610	1310	928	1300	2390	2390	1148	1300	968	700	121	2070
10	2500	1210	902	1000	2390	2390	1148	1300	968	700	462	2070
11	1540	1440	1300	881	1520	1390	1270	1107	700	467	462	2100
12	1307	1340	1300	1300	1390	1390	1150	920	110	950	471	950
13	1307	1510	1300	1290	1300	1300	1150	1280	110	950	471	2700
14	1540	1540	2070	1300	1140	1120	1150	916	90	463	208	2320
15	1540	1610	2150	1300	1150	1150	2490	872	108	448	547	2300
16	1430	1610	2000	2000	700	2400	2500	870	60	201	1600	2200
17	1700	1610	2000	2410	850	2300	2610	604	478	402	1000	2000
18	2150	1610	1700	2000	1300	2500	2600	330	418	904	400	2000
19	2100	1610	1620	1300	1300	1300	1300	1300	110	101	700	2000
20	2000	1300	1300	1300	1300	1300	1300	1300	651	100	100	1300
21	2030	1150	1300	1200	1600	1300	1300	1300	217	230	487	1300
22	1600	1600	1300	1200	1300	1300	1300	1300	1300	1300	780	1300
23	1700	1300	2200	1300	1300	1300	1300	1300	1300	1300	530	1300
24	1700	1300	2000	1300	1300	1300	1300	1300	1300	1300	500	1300
25	1300	1600	1300	1300	1300	1300	1300	1300	1300	1300	500	1300
26	1300	1600	1300	1300	1300	1300	1300	1300	1300	1300	500	1300
27	1300	1600	1300	1300	1300	1300	1300	1300	1300	1300	500	1300
28	1300	1600	1300	1300	1300	1300	1300	1300	1300	1300	500	1300
29	1030	1300	2100	1300	1300	1300	1300	1300	1300	1300	1000	1300
30	1300	1300	2000	1250	1300	1300	1300	1300	1300	1300	200	900
31	1300	1300	1300	300	1300	1300	1300	1300	1300	1300	200	800
Mean	1554	1542	1622	1305	1255	1410	1141	1850	1240	927	622	1870
Max	2130	1600	2200	2410	2840	3010	2700	2800	1300	1000	1000	2300
Min.	328	1300	928	881	700	1000	1100	870	478	402	100	500
A. F.	33200	97790	21010	87000	90200	95000	90170	130000	25820	20000	10000	111000
Total acre-feet	1025000											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT MARTIN

Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
2	900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
3	900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
4	1110	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
5	1240	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
6	1300	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
7	1300	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
8	1500	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
9	1600	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
10	1600	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
11	1720	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
12	1720	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
13	1700	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
14	1700	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
15	1700	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
16	1820	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
17	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
18	2010	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
19	2100	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
20	2100	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
21	2100	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
22	2000	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
23	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
24	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
25	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
26	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
27	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
28	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
29	1900	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
30	1700	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
31	1700	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
Mean	1854	1304	1278	1250	1250	1270	1270	1270	1270	1270	1270	1270
Max	2100	1310	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
Min	900	1300	1300	1200	1200	1200	1200	1200	1200	1200	1200	1200
A. F.	104200	130000	109400	97150	102200	102000	100000	100000	100000	100000	100000	100000

7-132 6077 feet (1938-39).

*Estimated

DISCHARGE IN SECOND-FEET NORTH PLATTE RIVER
AT SUTHERLAND

Year Ending September 30, 1934

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	777	1660	2276	181	1176	2260	171	1680	1957	1320	495	491
2	773	1700	2170	202	1170	2280	68	1720	1970	1700	467	711
3	835	1700	2170	202	1170	2280	68	1720	1970	1700	467	1500
4	870	1580	2260	189	1240	2520	93	1840	2010	1400	480	1750
5	870	1580	2260	189	1240	2520	93	1840	2010	1400	480	2200
6	880	1600	2270	192	1250	2550	120	1870	2040	1410	475	2000
7	1070	1820	2370	220	1300	2700	200	2000	2180	1500	470	2410
8	1140	1820	2370	220	1300	2700	200	2000	2180	1500	470	2450
9	1150	1850	2400	225	1320	2750	210	2030	2210	1510	474	2500
10	1200	1850	2400	225	1320	2750	210	2030	2210	1510	474	2110
11	1200	1800	2350	220	1280	2700	210	2000	2180	1500	470	2050
12	1200	1750	2300	215	1250	2650	210	1950	2150	1450	465	2000
13	1200	1700	2250	210	1220	2600	210	1900	2100	1400	460	1950
14	1200	1650	2200	205	1190	2550	210	1850	2050	1350	455	1900
15	1200	1600	2150	200	1160	2500	210	1800	2000	1300	450	1850
16	1200	1550	2100	195	1130	2450	210	1750	1950	1250	445	1800
17	1200	1500	2050	190	1100	2400	210	1700	1900	1200	440	1750
18	1200	1450	2000	185	1070	2350	210	1650	1850	1150	435	1700
19	1200	1400	1950	180	1040	2300	210	1600	1800	1100	430	1650
20	1200	1350	1900	175	1010	2250	210	1550	1750	1050	425	1600
21	1200	1300	1850	170	980	2200	210	1500	1700	1000	420	1550
22	1200	1250	1800	165	950	2150	210	1450	1650	950	415	1500
23	1200	1200	1750	160	920	2100	210	1400	1600	900	410	1450
24	1200	1150	1700	155	890	2050	210	1350	1550	850	405	1400
25	1200	1100	1650	150	860	2000	210	1300	1500	800	400	1350
26	1200	1050	1600	145	830	1950	210	1250	1450	750	395	1300
27	1200	1000	1550	140	800	1900	210	1200	1400	700	390	1250
28	1200	950	1500	135	770	1850	210	1150	1350	650	385	1200
29	1200	900	1450	130	740	1800	210	1100	1300	600	380	1150
30	1200	850	1400	125	710	1750	210	1050	1250	550	375	1100
31	1200	800	1350	120	680	1700	210	1000	1200	500	370	1050
Mean	1207	1577	1957	167	1011	2102	212	1515	1717	1215	451	1367
Max.	2250	3170	3650	2400	3270	5200	3520	7900	7000	4500	957	2000
Min.	757	151	950	71	70	288	206	68	171	43	134	430
A.P.	30270	16000	17000	1200	1200	2820	1200	3100	1700	5900	8120	13000
Total	102000											

DISCHARGE IN SECOND-FEET NORTH PLATTE RIVER
AT NORTH PLATTE

Year Ending September 30, 1934

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	760	1600	2240	180	1160	2240	66	1670	1940	1300	490	487
2	817	1600	2240	180	1160	2240	66	1670	1940	1300	490	730
3	860	1600	2240	180	1160	2240	66	1670	1940	1300	490	1000
4	890	1600	2240	180	1160	2240	66	1670	1940	1300	490	1300
5	920	1600	2240	180	1160	2240	66	1670	1940	1300	490	1600
6	950	1600	2240	180	1160	2240	66	1670	1940	1300	490	1900
7	980	1600	2240	180	1160	2240	66	1670	1940	1300	490	2200
8	1010	1600	2240	180	1160	2240	66	1670	1940	1300	490	2500
9	1040	1600	2240	180	1160	2240	66	1670	1940	1300	490	2800
10	1070	1600	2240	180	1160	2240	66	1670	1940	1300	490	3100
11	1100	1600	2240	180	1160	2240	66	1670	1940	1300	490	3400
12	1130	1600	2240	180	1160	2240	66	1670	1940	1300	490	3700
13	1160	1600	2240	180	1160	2240	66	1670	1940	1300	490	4000
14	1190	1600	2240	180	1160	2240	66	1670	1940	1300	490	4300
15	1220	1600	2240	180	1160	2240	66	1670	1940	1300	490	4600
16	1250	1600	2240	180	1160	2240	66	1670	1940	1300	490	4900
17	1280	1600	2240	180	1160	2240	66	1670	1940	1300	490	5200
18	1310	1600	2240	180	1160	2240	66	1670	1940	1300	490	5500
19	1340	1600	2240	180	1160	2240	66	1670	1940	1300	490	5800
20	1370	1600	2240	180	1160	2240	66	1670	1940	1300	490	6100
21	1400	1600	2240	180	1160	2240	66	1670	1940	1300	490	6400
22	1430	1600	2240	180	1160	2240	66	1670	1940	1300	490	6700
23	1460	1600	2240	180	1160	2240	66	1670	1940	1300	490	7000
24	1490	1600	2240	180	1160	2240	66	1670	1940	1300	490	7300
25	1520	1600	2240	180	1160	2240	66	1670	1940	1300	490	7600
26	1550	1600	2240	180	1160	2240	66	1670	1940	1300	490	7900
27	1580	1600	2240	180	1160	2240	66	1670	1940	1300	490	8200
28	1610	1600	2240	180	1160	2240	66	1670	1940	1300	490	8500
29	1640	1600	2240	180	1160	2240	66	1670	1940	1300	490	8800
30	1670	1600	2240	180	1160	2240	66	1670	1940	1300	490	9100
31	1700	1600	2240	180	1160	2240	66	1670	1940	1300	490	9400
Mean	1282	1620	2240	181	1161	2240	66	1670	1940	1300	490	2000
Max.	2250	3170	3650	2400	3270	5200	3520	7900	7000	4500	957	2000
Min.	750	150	900	70	70	280	200	60	160	40	130	400
A.P.	10000	12000	12000	1200	1200	1200	1200	1200	1200	1200	1200	12000
Total	102000											

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO
Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	25	30	126	178	287	188	81	825	523	32	40	63
2	25	30	129	174	320	168	78	518	463	68	41	70
3	27	31	124	178	435	151	38	157	411	110	40	220
4	27	31	125	161	408	153	38	394	334	95	40	312
5	31	32	119	159	461	117	39	402	287	65	39	303
6	40	34	124	171	412	140	41	363	258	49	37	372
7	40	34	127	177	342	142	45	338	216	71	39	475
8	46	37	90	126	328	134	50	317	181	62	36	1261
9	46	32	90	126	288	125	35	229	200	54	35	2500
10	45	31	116	169	258	122	44	272	261	52	32	7130
11	49	34	104	171	221	106	155	238	148	111	34	4750
12	49	34	132	111	272	82	157	211	172	114	32	3470
13	51	37	157	121	377	68	111	159	177	21	31	2940
14	50	39	158	147	264	61	99	119	152	28	31	1840
15	72	57	144	182	272	68	92	107	158	39	35	2030
16	78	61	144	165	170	61	45	37	152	44	38	2520
17	53	52	181	121	265	57	78	51	128	56	33	1700
18	53	52	128	121	182	48	68	77	139	79	39	1200
19	53	53	154	156	174	18	63	75	156	81	42	1370
20	51	51	141	182	317	44	61	68	115	117	47	1190
21	50	53	176	155	325	44	58	71	117	49	52	482
22	51	53	143	169	368	44	52	72	126	78	52	348
23	56	56	112	148	364	41	48	51	85	55	47	348
24	43	51	112	138	273	37	48	51	87	54	45	456
25	42	45	107	116	252	35	48	50	82	51	45	279
26	42	47	108	112	214	32	37	61	71	51	29	301
27	54	54	156	158	292	38	59	59	84	54	40	129
28	52	53	176	167	274	35	50	56	82	52	46	232
29	51	53	138	158	268	35	50	56	82	52	46	247
30	51	53	138	158	268	35	50	56	82	52	46	247
31	51	53	138	158	268	35	50	56	82	52	46	247
Mean	45	48	131	161	290	52	88	120	168	61	41	1,364
Max.	54	51	181	186	450	154	250	425	517	127	74	7,980
Min.	28	31	90	102	165	35	38	56	59	38	31	63
A. P.	27.6	31.0	8.79	10.00	15.21	5.08	27.4	135.1	117.1	78.0	72.0	511.0

Total acre-feet 105,526.

Record furnished by the State of Colorado.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT OUALLELA
Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	400	521	47	20	6
2	135	551	49	21	11
3	477	525	130	6	35
4	477	517	134	19	78
5	481	465	126	14	174
6	177	424	108	17	159
7	412	440	164	17	235
8	490	370	55	17	298
9	457	328	21	14	427
10	460	370	48	23	565
11	325	362	48	31	3,000
12	288	340	70	33	4,000
13	190	300	58	36	2,900
14	190	260	68	36	2,200
15	140	264	49	36	1,900
16	91	221	129	52	1,100
17	95	258	205	57	1,000
18	21	238	212	67	1,500
19	74	235	112	64	1,500
20	95	271	108	41	1,384
21	114	247	116	43	1,621
22	210	214	121	39	738
23	95	190	88	29	625
24	95	174	86	29	520
25	91	150	80	25	483
26	86	160	74	17	400
27	77	121	62	29	250
28	63	91	44	17	238
29	202	34	24	6	294
30	288	63	17	4	324
31	417	63	11	11	328
Mean	162	302	106	38	97
Max.	335	524	212	57	4,000
Min.	69	63	20	6	6
A. P.	16.64	17.946	10.70	16.04	27.612

Total acre-feet 21,230.

*No record.

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

Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1						154	57	119	167	171	70	121
2	20	27	125	158	80	145	50	112	171	137	43	31
3	24	27	146	140	100	145	50	112	171	137	43	31
4	24	27	146	140	100	145	50	112	171	137	43	31
5	19	26	124	195	110	226	59	214	467	260	31	61
6	17	27	95	159	150	170	50	203	416	161	26	61
7	17	26	150	172	160	278	53	343	418	143	21	61
8	20	24	170	175	165	294	100	176	367	175	19	71
9	20	24	169	220	170	301	52	343	325	164	18	61
10	31	29	31	220	190	175	165	323	246	21	24	61
11	31	17	35	219	200	150	122	318	218	76	26	61
12	31	17	147	200	210	120	122	341	218	80	20	140
13	27	17	168	81	200	130	120	241	204	85	20	240
14	26	16	115	75	200	128	122	250	260	85	18	260
15	27	17	124	159	200	115	122	251	251	80	18	1650
16	30	24	120	237	225	142	154	194	260	80	16	2160
17	43	30	126	210	420	165	158	180	214	28	24	2160
18	24	29	111	242	460	139	139	175	214	55	23	1700
19	26	29	102	172	210	125	128	170	134	160	23	1700
20	30	31	200	166	200	122	125	165	184	114	18	2000
21	30	31	205	146	110	117	129	217	210	120	17	1700
22	28	30	115	166	120	108	137	273	254	131	12	1450
23	26	114	110	133	225	95	114	180	267	100	12	1350
24	26	180	100	140	240	80	104	170	227	95	12	202
25	24	31	55	161	271	65	106	180	189	90	21	754
26	24	57	20	120	320	52	111	135	201	55	19	685
27	24	64	120	110	320	78	111	116	178	45	15	605
28	27	65	260	160	370	75	146	114	310	61	15	434
29	24	96	101	91	400	80	222	130	185	78	18	360
30	24	174	172	65	200	78	160	130	143	75	15	474
31	26	185	185	70	100	100	160	122	122	66	15	444
Mean	2	4	129	102	226	138	114	128	220	100	18	302
Max.	24	190	240	260	460	320	375	430	667	270	23	3650
Min.	17	34	81	65	50	57	50	60	122	70	13	20
A. P.	1740	2600	7800	3070	12540	10290	7000	14070	18420	8500	1560	12960
Total acre-feet	14660.											

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT BRADY

Year Ending September 30, 1938

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1								360	356	170	341	314
2								282	304	134	746	431
3								344	363	343	619	1012
4								360	370	210	385	1574
5								141	132	100	636	2129
6								1761	1456	1341	171	1526
7								140	139	100	560	2674
8								200	163	216	512	2772
9								1817	1116	1745	342	2660
10								1339	1670	1543	464	3324
11								1122	1214	1653	635	3178
12								1457	1194	1155	362	3220
13								1327	1693	1614	421	3388
14								1130	1011	802	340	6029
15								371	353	425	328	2414
16								831	1112	838	575	2126
17								520	365	399	614	3437
18								729	824	457	902	4213
19								754	164	744	774	4318
20								840	691	508	763	4193
21								1723	799	1154	712	3952
22								2230	785	1100	736	3620
23								2945	704	1124	725	3362
24								3083	799	1396	336	2810
25								2611	1154	1022	344	2601
26								2410	2212	1174	521	1736
27								1756	1113	1228	354	2296
28								1965	2026	1057	304	1992
29								1621	2151	1122	708	1761
30								1725	1720	1070	628	3614
31								2274		680	911	
Mean								1856	1409	1268	643	3122
Max.								3944	3902	2225	1040	6029
Min.								712	659	398	325	632
A. P.								114057	63660	71650	40601	375520
Total acre-feet	495447.											

*No record.

DISCHARGE IN SECOND-FEET PLATTE RIVER,
AT COZAD

Year Ending September 30, 1915.

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1								250	280	117	20	50
2								275	275	114	20	50
3								180	250	120	45	50
4								180	190	117	15	50
5								140	190	119	20	50
6								170	200	120	15	50
7								190	200	120	40	50
8								200	200	120	20	50
9								170	200	140	20	50
10								120	200	140	20	50
11								170	200	120	20	50
12								140	170	120	20	50
13								110	180	140	20	50
14								140	200	120	20	50
15								130	200	140	20	50
16								200	210	160	10	50
17								215	200	170	10	50
18								200	200	160	10	50
19								200	200	160	10	50
20								200	200	160	10	50
21								200	200	160	10	50
22								200	200	160	10	50
23								200	200	160	10	50
24								200	200	160	10	50
25								200	200	160	10	50
26								200	200	160	10	50
27								200	200	160	10	50
28								200	200	160	10	50
29								200	200	160	10	50
30								200	200	160	10	50
31								200	200	160	10	50
Mean								200	200	160	10	50
Max								200	200	160	10	50
Min								110	120	120	20	50
A. P.								170	180	140	20	50
Total acre-feet								6210	6250	1260	200	12250

Total acre-feet 36370.

No record.

DISCHARGE IN SECOND-FEET PLATTE RIVER,
AT OVERTON

Year Ending September 30, 1915.

Date	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
1	0	90	750	3250	1000	600	1150	200	150	20	20	25
2	0	50	250	3000	100	400	150	150	150	20	20	40
3	0	75	250	250	180	200	150	150	100	20	20	40
4	0	140	250	250	180	200	150	150	100	20	20	50
5	0	120	160	270	210	210	80	150	100	20	20	50
6	0	100	100	200	200	200	60	150	100	20	20	40
7	0	130	70	210	210	210	70	130	100	20	20	40
8	0	120	150	210	270	210	60	100	100	20	20	40
9	0	120	40	250	310	240	100	150	50	20	20	40
10	30	100	70	140	100	240	90	100	100	20	20	40
11	50	120	50	150	300	240	100	100	100	20	20	40
12	250	100	110	270	320	190	140	120	100	20	20	40
13	90	120	150	280	210	190	140	100	100	20	20	40
14	50	130	150	290	200	180	140	100	100	20	20	40
15	50	130	150	290	200	180	140	100	100	20	20	40
16	70	120	220	250	200	200	110	100	100	20	20	40
17	100	100	270	300	200	200	100	100	100	20	20	40
18	110	130	290	300	200	200	100	100	100	20	20	40
19	110	100	270	280	200	200	100	100	100	20	20	40
20	100	100	270	310	200	200	100	100	100	20	20	40
21	100	100	270	310	200	200	100	100	100	20	20	40
22	100	100	270	310	200	200	100	100	100	20	20	40
23	100	100	270	310	200	200	100	100	100	20	20	40
24	100	100	270	310	200	200	100	100	100	20	20	40
25	100	100	270	310	200	200	100	100	100	20	20	40
26	100	100	270	310	200	200	100	100	100	20	20	40
27	100	100	270	310	200	200	100	100	100	20	20	40
28	100	100	270	310	200	200	100	100	100	20	20	40
29	100	100	270	310	200	200	100	100	100	20	20	40
30	100	100	270	310	200	200	100	100	100	20	20	40
31	100	100	270	310	200	200	100	100	100	20	20	40
32	100	100	270	310	200	200	100	100	100	20	20	40
33	100	100	270	310	200	200	100	100	100	20	20	40
34	100	100	270	310	200	200	100	100	100	20	20	40
35	100	100	270	310	200	200	100	100	100	20	20	40
36	100	100	270	310	200	200	100	100	100	20	20	40
37	100	100	270	310	200	200	100	100	100	20	20	40
38	100	100	270	310	200	200	100	100	100	20	20	40
39	100	100	270	310	200	200	100	100	100	20	20	40
40	100	100	270	310	200	200	100	100	100	20	20	40
41	100	100	270	310	200	200	100	100	100	20	20	40
42	100	100	270	310	200	200	100	100	100	20	20	40
43	100	100	270	310	200	200	100	100	100	20	20	40
44	100	100	270	310	200	200	100	100	100	20	20	40
45	100	100	270	310	200	200	100	100	100	20	20	40
46	100	100	270	310	200	200	100	100	100	20	20	40
47	100	100	270	310	200	200	100	100	100	20	20	40
48	100	100	270	310	200	200	100	100	100	20	20	40
49	100	100	270	310	200	200	100	100	100	20	20	40
50	100	100	270	310	200	200	100	100	100	20	20	40
51	100	100	270	310	200	200	100	100	100	20	20	40
52	100	100	270	310	200	200	100	100	100	20	20	40
53	100	100	270	310	200	200	100	100	100	20	20	40
54	100	100	270	310	200	200	100	100	100	20	20	40
55	100	100	270	310	200	200	100	100	100	20	20	40
56	100	100	270	310	200	200	100	100	100	20	20	40
57	100	100	270	310	200	200	100	100	100	20	20	40
58	100	100	270	310	200	200	100	100	100	20	20	40
59	100	100	270	310	200	200	100	100	100	20	20	40
60	100	100	270	310	200	200	100	100	100	20	20	40
61	100	100	270	310	200	200	100	100	100	20	20	40
62	100	100	270	310	200	200	100	100	100	20	20	40
63	100	100	270	310	200	200	100	100	100	20	20	40
64	100	100	270	310	200	200	100	100	100	20	20	40
65	100	100	270	310	200	200	100	100	100	20	20	40
66	100	100	270	310	200	200	100	100	100	20	20	40
67	100	100	270	310	200	200	100	100	100	20	20	40
68	100	100	270	310	200	200	100	100	100	20	20	40
69	100	100	270	310	200	200	100	100	100	20	20	40
70	100	100	270	310	200	200	100	100	100	20	20	40
71	100	100	270	310	200	200	100	100	100	20	20	40
72	100	100	270	310	200	200	100	100	100	20	20	40
73	100	100	270	310	200	200	100	100	100	20	20	40
74	100	100	270	310	200	200	100	100	100	20	20	40
75	100	100	270	310	200	200	100	100	100	20	20	40
76	100	100	270	310	200	200	100	100	100	20	20	40
77	100	100	270	310	200	200	100	100	100	20	20	40
78	100	100	270	310	200	200	100	100	100	20	20	40
79	100	100	270	310	200	200	100	100	100	20	20	40
80	100	100	270	310	200	200	100	100	100	20	20	40
81	100	100	270	310	200	200	100	100	100	20	20	40
82	100	100	270	310	200	200	100	100	100	20	20	40
83	100	100	270	310	200	200	100	100	100	20	20	40
84	100	100	270	310	200	200	100	100	100	20	20	40
85	100	100	270	310	200	200	100	100	100	20	20	40
86	100	100	270	310	200	200	100	100				

DISCHARGE IN SECOND-FEET, PLATTIN RIVER
AT DUNCAN

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	1375	4320	530	3490	530	700	2400	170	0	0
2	0	0	328	4680	1300	1200	820	700	3850	100	0	0
3	0	0	2500	4520	1500	14500	500	510	2020	270	0	0
4	0	0	2470	4090	1500	3000	300	700	3070	270	0	0
5	0	0	590	3150	1500	1200	790	2500	2170	700	0	0
6	0	0	660	2600	2000	4500	740	3170	2500	720	42	0
7	0	0	85	500	1900	2000	800	3070	2610	680	0	0
8	0	0	130	120	1220	3090	4500	3500	1800	760	0	0
9	0	0	250	450	1000	2250	4000	3500	1100	750	0	0
10	0	0	350	500	950	3370	3000	1170	947	1050	0	0
11	0	0	400	600	1000	2000	2000	1000	600	980	0	0
12	0	0	470	870	1000	2500	1000	1000	580	600	0	400
13	0	0	390	500	1000	3000	1400	750	3000	600	0	1100
14	0	0	460	600	2000	2500	1370	607	2600	550	0	1700
15	0	0	470	1000	2000	3000	1500	620	2500	700	0	2400
16	0	0	310	900	2500	3000	1700	800	2000	210	0	2700
17	0	0	350	1000	2500	2000	2000	1500	2000	600	0	2400
18	0	0	340	1200	3200	1500	2000	2000	600	220	0	2200
19	0	0	300	1250	3000	420	1500	1400	300	700	0	3300
20	0	0	200	1400	3000	400	1000	1300	700	120	0	4500
21	0	0	200	1700	4500	0	1000	1400	300	60	0	3800
22	0	0	300	1500	4000	300	1000	1400	800	20	0	3300
23	0	0	300	1600	2000	400	1000	1000	1000	10	0	3900
24	0	0	450	1500	2000	400	1000	800	1000	12	0	3200
25	0	0	400	1050	1000	700	1000	1000	220	0	0	3200
26	0	0	500	1700	950	1000	1000	1000	110	0	0	2600
27	0	0	600	2000	1000	3500	600	1000	150	0	0	2200
28	0	0	1400	2000	1000	5000	600	600	2500	10	0	1900
29	0	0	2400	2000	1000	1000	600	600	3000	0	0	1600
30	0	0	2800	3000	1000	500	600	2000	200	0	0	1400
31	0	0	2200	1700	0	500	0	2000	0	0	0	0
Month	0	2	410	1400	1700	2160	3160	900	2000	1000	2	4
Max.	0	2000	3000	4500	5000	14500	7000	3500	2670	1000	43	3200
Min.	0	0	200	950	400	200	500	600	100	0	0	0
A. E.	14	20500	30120	32070	32000	20620	52500	12000	60700	15300	161	95000

Total acre-feet 362100

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT ASHLAND

Year Ending September 30, 1938.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	2100	2500	7500	11500	2000	4000	4500	3270	3070	1600
2	0	0	2000	2100	3500	4000	9000	4000	4000	3150	2500	3170
3	0	0	2070	2070	4770	3000	14500	3070	3700	4700	3900	2500
4	0	0	2100	1700	3500	4000	1000	2500	3700	4500	2500	2100
5	0	0	2100	1150	2370	4000	1500	2300	3070	3070	1400	2100
6	0	0	2150	1950	4000	4000	10000	3000	3000	4000	1900	2000
7	0	0	2000	2070	3000	3000	3700	3000	4000	1100	2000	4000
8	0	0	1950	2000	3500	3000	3070	3000	3000	2100	2000	3000
9	0	0	1700	2000	3500	3000	3000	3000	3000	2100	2000	2000
10	0	0	1670	2100	3500	3000	3000	3000	3000	2100	2000	2000
11	0	0	1650	1900	3000	3000	3000	3000	3000	2100	2000	2000
12	0	0	1700	2070	3000	3000	3000	3000	3000	2100	2000	2000
13	0	0	1650	2070	3000	3000	3000	3000	3000	2100	2000	2000
14	0	0	1600	2200	3000	3000	3000	3000	3000	2100	2000	2000
15	0	0	1600	2000	3000	3000	3000	3000	3000	2100	2000	2000
16	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
17	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
18	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
19	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
20	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
21	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
22	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
23	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
24	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
25	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
26	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
27	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
28	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
29	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
30	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
31	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
Month	0	0	2000	2000	3000	3000	3000	3000	3000	2100	2000	2000
Max.	0	2000	3000	4000	5000	14500	7000	3500	2670	1000	43	3200
Min.	0	0	200	950	400	200	500	600	100	0	0	0
A. E.	14	20500	30120	32070	32000	20620	52500	12000	60700	15300	161	95000

Total acre-feet 362100

TABULATION SHOWING FLOW OF THE PLATTE RIVER IN PERCENTAGE FOR COMPARISON WITH TEN YEAR MEAN IRRIGATION AND NON-IRRIGATION SEASONS 1923-1937

STATION	MEAN ACRES FEET			PER CENT OF MEAN					
	7 Mo.	5 Mo.	12 Mo.	7 Mo.	5 Mo.	12 Mo.	7 Mo.	5 Mo.	12 Mo.
Dalhousie Inflow	254,290	775,090	1,129,090	100	307	443	115	119	118
Whisper (Below)	55,630	145,500	175,400	22	72	65	60	53	50
Matched "	270,500	366,000	243,000	50	41	50	52	43	63
Bruleport	610,000	200,000	1,100,000	64	41	50	33	10	72
North Platte	921,900	512,600	1,456,500	55	32	45	35	21	60
Overton	1,605,000	502,500	1,507,800	47	13	36	29	26	32

* Ten year mean (1923-1937)

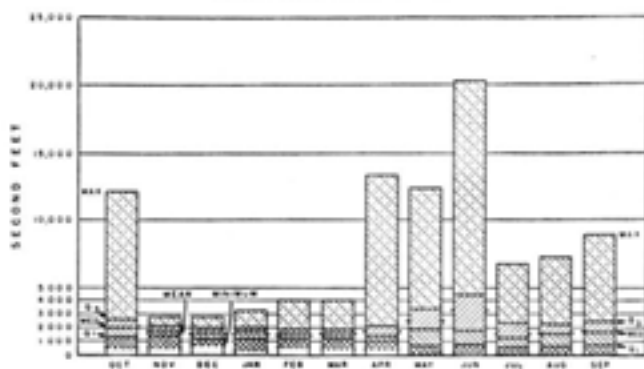
STATISTICAL ANALYSIS OF THE DISCHARGE OF THE NORTH PLATTE RIVER AT BRIDGEPORT.

The charts on the opposite page depict the result of applied statistical methods of analysis to the discharge records of the North Platte River at Bridgeport. Such presentation reveals certain discharge characteristics that would otherwise be overlooked in the usual chronological tabulation of the records.

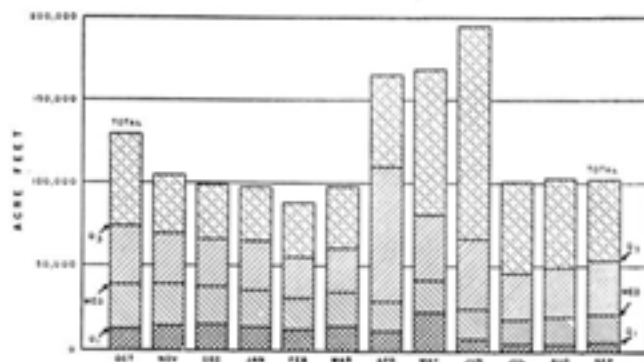
The Chart "Monthly Discharge Variability," shows the rate of discharge and the quartile points used as limits between which 25 per cent of the discharges occur. The 25th percentile, or Q_1 , is the first quartile or quartile point in the column; the point below which lie 25 per cent of the discharges. In like manner, the 50th percentile or the median is the quartile point in the column below and above which lie 50 per cent of the discharges. For example, during the month of June for the fifteen years of record, the flow fluctuated between the minimum and 717 second-feet 25 per cent of the time. The sum of all the discharges below Q_1 was converted to mean acre-feet by dividing by 15, the number of years, and multiplying the quotient by the constant factor, 1.9535 used in changing second-feet to acre-feet. The Chart "Mean Monthly Run-Off," shows the quantitative values by months for each of the quartile points. It will be observed that the run-off produced below Q_1 , or 25 per cent of the time amounted to an average of 7,000 acre-feet or 3.6 per cent of the total run-off for that month. From the Variability chart, it will be observed that between Q_1 and the median the limits of variation were 717 and 1,800 second-feet. This 25 per cent of time produced an average of 17,067 acre-feet or 9.1 per cent of the run-off for June. A study of the two charts for any or all the months will show the fluctuations of discharge in second-feet for each 25 per cent of time and the corresponding quantitative values in acre-feet.

A comparison of the two measures of central tendency shows the mean sometimes more and other times less than the median. When the departures above the mean are more extreme or numerous than those below, the median is less than the mean. The converse is true when the departures below the mean are more extreme than those above. For example, the mean daily flow at this station for the month of June was 3,268 second-feet, but 22 per cent of the time the flow was above the mean and 68 per cent of the time it was below; thus indicating that the departures above were less numerous and more extreme than those below. The so-called "peak flows" resulted in a high mean for the month but this average was not indicative of a uniform dependable supply. The median for the same month was 1,800 second-feet, and therefore, 50 per cent of the time the flow was above and 50 per cent below this figure. The median of 1,800 second-feet was 1,468 second-feet less than the mean. Therefore, when considering dependability of stream-flow, the median, as a measure of central tendency, is more reliable than the mean.

MONTHLY DISCHARGE VARIABILITY
NORTH PLATTE RIVER
BRIDGEPORT
1923-1937
CALCULATED FROM DAILY RECORDS



MEAN MONTHLY RUNOFF
SHOWING QUANTILE QUANTITATIVE VALUES
NORTH PLATTE RIVER
BRIDGEPORT
1923-1937



SOURCE OF INFORMATION
BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

WPA OF SDS (28)200000 AND 4000-B-5-123

VISIBLE RETURN FLOW, IN ACRE-FeET, BETWEEN WYOMING-NEBRASKA STATE LINE
AND BRIDGEPORT

For the Year ending September 30, 1937.

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
Albion Canal Waste	0	0	0	0	0	0	0	0	0	0	143	247	490
Ball Drain	61	119	128	120	56	41	41	235	224	424	460	460	2411
Rayard Sugar Factory Drain	2940	2512	1860	1620	1520	1660	1500	1430	1460	2250	2030	2460	22880
Cleveland Drain	182	89	61	11	0	53	60	121	392	340	315	327	2650
DeGraw Drain	206	204	200	243	192	309	191	129	140	109	256	304	2000
Dugout, Upper	173	118	107	61	56	63	44	159	339	236	231	434	2011
Fielding Sloop	30	0	0	0	14	61	36	0	50	207	129	49	508
Fielding Sloop	157	319	167	221	125	125	139	123	270	101	147	311	1678
Gravel Drain	1770	1400	1170	2610	895	1060	2720	1740	2200	1570	2400	2500	19650
Horse Creek	1850	1120	541	485	507	860	624	1100	4020	5650	2540	3910	26720
Indian Creek	329	175	225	105	267	184	143	185	262	331	466	569	3161
Lane Drain	10	0	61	35	27	23	22	152	234	192	335	261	1540
Melinda Sloop	245	183	46	14	26	2	12	143	304	54	30	478	1425
Mitchell Spillway	577	535	577	468	421	225	179	133	716	20	25	62	3563
Near Mile Drain	3130	6770	5320	4600	2960	1390	6140	3300	6630	9000	9120	4750	76300
Red Willow Drain	5440	4980	4240	2060	2570	2060	2190	3440	2050	2500	3360	4740	43290
Southluff Drain No. 1	942	791	563	550	421	278	238	241	257	321	240	491	3865
Southluff Drain No. 2	510	228	184	175	311	123	161	129	325	446	760	772	3862
Swamp Creek	3260	2620	3340	2690	2440	2690	1820	75	1120	138	161	146	22320
Spotted Tail Dry	1865	2025	1069	110	975	525	528	1013	1767	2243	1704	1494	15525
Spotted Tail Wet	238	716	676	636	637	625	577	527	734	829	798	678	5443
Timber Spillway	172	194	571	224	181	327	727	194	0	0	0	40	2568
Tub Springs	216	2960	2824	1120	3228	1372	1192	2703	2825	1647	512	220	20690
Winters Creek	4750	3300	1290	2890	2200	2670	2350	1970	1660	2510	3230	2440	30220
Total	37265	39422	26754	24438	19422	21220	17422	20226	28262	30405	20631	41098	327240

Note: Camp Clark Sloop and Timber Drain are omitted from the above list, inasmuch as their discharges enter the river through DeGraw Drain and Fielding Sloop, respectively.

VISIBLE RETURN FLOW, IN ACRE-FEET, BETWEEN WYOMING-NEBRASKA STATE LINE
AND BRIDGEPORT

For the Year Ending September 30, 1938

	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Total
Atlantic Coast Waste	0	0	0	0	0	0	0	0	0	93	24	17	343
Rain Drain	479	226	184	161	111	327	519	478	555	1597	488	556	1641
Essard Sugar Factory Drain	2910	3420	2100	2660	3740	1850	1850	2250	1650	1540	2170	2000	26920
Castle Rock Seep	0	0	0	4	56	61	90	61	89	61	20	62	414
Cleveland Drain	141	50	71	61	58	61	67	157	210	167	201	210	1271
Delmore Drain	323	250	202	181	160	214	219	188	160	190	161	167	2262
Dragon, Upper	117	267	250	329	76	95	61	140	650	1037	518	594	4407
Fairfield Seep	54	0	0	0	30	40	22	92	121	65	147	222	794
Fairfax Seep	273	118	184	280	149	379	180	178	142	204	78	476	2701
Grassy Drain	2130	1650	1560	1120	1270	1380	1480	2730	2670	2620	2770	1800	26870
Horse Creek	4960	2790	1750	1500	900	1220	1420	7100	4720	5660	448	9900	65110
Indian Creek	611	400	307	307	218	386	370	212	661	430	366	2075	6708
Lane Drain	242	178	170	97	56	61	83	107	250	290	184	339	2417
Melbeta Drain	290	380	186	202	167	110	169	177	321	440	160	650	3511
Mitchell Spillway	1650	1847	2034	1768	2073	238	180	827	48	0	0	460	9730
Nine Mile Drain	8170	1010	6130	589	4690	5280	4700	3980	7200	8120	830	12310	47000
Red Willow Drain	5780	4640	4230	3610	3270	3400	3100	6120	3990	4300	4110	16600	38270
Scottsbluff Drain No. 1	200	562	528	110	431	407	309	444	528	541	780	714	6602
Scottsbluff Drain No. 2	454	770	206	224	167	173	184	803	361	496	320	593	4705
Sheep Creek	5150	4570	4240	3660	2270	3390	3150	2690	1030	2100	207	379	19960
Spotted Tail, Dry	1692	1371	1367	1205	1158	1290	1305	1908	1648	2690	3211	3396	22465
Spotted Tail, Wet	994	376	818	299	613	908	374	705	900	762	806	1010	30013
Tooney Spillway	1105	464	307	370	129	267	650	262	0	79	0	0	3620
Tub Springs	4940	2969	2947	2601	2537	1470	1444	1811	1843	2676	2256	3833	22450
Winters Creek	4660	3420	4730	2670	2870	2960	2600	3240	3160	4160	2780	6740	45090
Total	6077	35625	31684	26607	24576	26296	24365	39316	32570	42504	27852	67332	441616

1938 annual

Oct. and Nov. increased by 198 and 274 A. E., respectively, to allow for amounts returned to river through the Mitchell Factory Waste.

VISIBLE RETURN FLOW, IN ACRE-FEET, BETWEEN BRIDGEPORT AND NORTH PLATTE

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
For the Year Ending September 30, 1937.													
Keith-Lansford Co. Drains*	91	40	28	10	30	11	21	31	43	47	45	50	375
Lewellen Drain	63	50	67	71	56	61	70	57	59	67	69	60	631
Lincoln Co. Drain No. 1	3723	3035	2357	2359	1924	2292	1993	3142	3277	3285	3247	3667	34427
Lincoln Co. Drain No. 2	150	179	391	246	173	184	149	167	194	270	217	179	2375
Plum Creek	93	119	127	161	140	205	60	36	71	93	89	40	1139
Sarnon Slough	214	178	184	154	96	135	184	202	218	188	148	91	1940
Silverhill Drain	302	327	307	272	269	246	307	302	343	367	452	293	3752
Soup Creek*	67	10	74	0	56	16	1	60	79	100	139	190	773
Total	4527	3918	3777	3252	2712	2938	2625	3841	4396	4315	4291	4691	45152
For the Year Ending September 30, 1938													
Keith-Lansford Co. Drains*	75	51	29	10	0	21	30	50	30	24	10	50	375
Lewellen Drain*	67	49	1	0	0	20	30	50	40	30	15	40	365
Lincoln Co. Drain No. 1	2475	2963	2725	2367	2080	2446	1753	1682	2343	3211	4030	4682	33462
Lincoln Co. Drain No. 2	184	129	222	123	115	162	99	90	164	184	147	117	1709
Plum Creek	134	182	281	123	119	128	119	141	56	40	129	127	1485
Sarnon Slough	122	120	147	123	112	129	119	129	128	111	61	139	1463
Silverhill Drain	429	417	421	407	317	269	325	417	621	594	512	641	5423
Soup Creek*	79	50	61	0	0	0	0	54	30	19	24	36	373
Total	4499	4031	3895	3173	2675	3266	2725	3621	3437	5000	4914	5212	45379

*Estimated.

SUMMARY OF VISIBLE RETURN FLOW, IN ACRE- FEET, BETWEEN WYOMING-NEBRASKA LINE AND NORTH PLATTE

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
For the Year Ending September 30, 1937													
Wyoming-Nebraska Line to Bridgeport	17266	19512	21758	22188	19121	21526	17792	20166	28902	29303	29601	41168	232240
Bridgeport to North Platte	4827	3645	3547	3132	2712	2959	2328	3983	4396	4315	4394	4699	45462
Grand Total	42662	34199	37205	29690	21200	24485	20490	24066	33799	34723	33995	45867	277702
For the Year Ending September 30, 1938													
Wyoming-Nebraska Line to Bridgeport	16207	15625	13264	29652	24476	26226	25865	39118	32376	42264	37452	66312	418616
Bridgeport to North Platte	4499	4031	3897	3174	2675	3266	2325	3679	3437	5000	4944	5212	45371
Grand Total	53206	39626	37207	33871	27201	29662	27690	41997	36277	47352	42406	71524	463987

DIVERSIONS IN ACRE-FEET FROM RETURN FLOW BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

For the Year Ending September 30, 1937

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Tri-State Canal from -									
Akers Drain	199	14	39	33	57	71	60	295	1008
Sheep Creek	529	573	2607	1575	1233	1817	1880	1743	17435
Dry Spotted Tail	125	0	0	0	0	121	175	0	421
Wet Spotted Tail	250	31	283	132	512	376	248	0	2002
Tub Springs	224	0	0	0	0	280	237	0	741
Alliance Drain	179	0	0	0	0	79	67	0	325
Moffat Drain	0	0	0	0	0	0	0	0	0
Enterprise Canal from									
Merrill & Stewart Drains	67	0	24	60	113	24	20	0	288
Dry Spotted Tail	0	0	0	0	0	1	0	0	1
Wet Spotted Tail	0	0	155	117	605	617	570	0	2064
Tub Springs (Net)	0	0	193	1	1680	1178	0	0	3252
Winters Creek	0	0	0	232	116	433	25	0	706
Winters Creek Canal from:									
Winters Creek	0	0	752	2118	2815	1671	1215	1373	13284
Scottshuff Drain No. 1	0	0	0	20	228	322	228	0	878
Nine Mile Canal from									
Nine Mile Drain	0	0	0	0	0	0	0	0	0
Alliance Canal from -									
Rayard Drain	54	0	51	160	145	11	51	0	462
Red Willow	458	603	900	1020	2228	2520	264	0	10003
Camp Clark Sump	167	0	0	139	312	0	0	0	618
Total	3416	1716	1462	3318	11718	18986	1866	3866	70288

*No record.

DIVERSIONS IN ACRE-FEET FROM RETURN FLOW BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

For the Year Ending September 30, 1938

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Tri-State Canal from									
Akers Drain	30	0	118	81	100	70	84	345	728
Sheep Creek	261	0	456	2225	2547	6523	5017	15057	27284
Dry Spotted Tail	20	0	0	0	0	0	0	0	20
Wet Spotted Tail	55	0	780	25	1756	1180	7375	6026	11729
Tub Springs	137	0	119	537	276	1651	121	0	3241
Alliance Drain	54	0	0	0	0	1151	310	0	1515
Moffat Drain	0	0	0	0	0	0	0	0	0
Enterprise Canal from									
Stewart & Merrill Drains	170	0	61	30	87	163	210	0	641
Dry Spotted Tail	0	0	0	0	0	11	0	0	11
Wet Spotted Tail	325	0	150	319	111	645	653	0	1573
Tub Springs (Net)	0	0	0	0	313	1118	0	0	1431
Winters Creek	0	0	0	12	52	75	6	0	135
Winters Creek Canal from -									
Winters Creek	0	0	95	1104	1327	2685	1474	1423	6628
Minglers Drain	0	0	0	345	21	181	218	0	765
Scottshuff Drain No. 1	0	0	0	0	25	28	0	0	53
Gatch Canal from -									
Melbeta Drain	0	0	0	42	0	0	0	0	42
Gering Canal from -									
Melbeta Drain	0	0	0	30	72	21	11	0	134
Nine Mile Canal from									
Nine Mile Drain	0	0	0	0	0	0	0	0	0
Alliance Canal from -									
Rayard Drain	0	0	48	1065	1503	322	81	0	3519
Red Willow	525	0	309	323	367	180	1290	0	5534
Camp Clark Sump	0	0	0	0	0	42	25	0	67
Total	1662	0	2606	8711	11077	1778	3698	11864	47366

*No record.

**SUMMARY OF WATER DIVERTED IN THE PLATTE RIVER BASIN
IN ACRE-FEET BETWEEN WYOMING-NEBRASKA LINE
AND ODESSA***

	Oct	Nov	Dec	Jan	April	May	June	July	Aug	Sept	Total
For the Year Ending September 30, 1937											
Wyoming-Nebraska Line Matched	1,760	1,087	0	0	8,889	26,692	39,924	80,111	32,114	28,013	201,800
Matched-Minutane	692	0	0	0	803	10,742	3,998	10,765	16,078	15,495	64,773
Minutane-Bridgeport	410	82	0	0	7,005	11,702	18,527	21,997	19,229	13,868	81,671
Bridgeport-Leslie	518	1,291	710	320	2,124	4,935	5,221	1,082	6,412	4,276	40,619
Leslie-Oshtemo	1,220	0	0	0	111	1,905	1,957	1,563	391	147	7,999
Oshtemo-North Platte	1,211	1,282	0	0	8,158	22,267	18,024	37,923	32,517	21,947	129,016
North Platte-Odesa	4,710	12,862	3,162	1,400	3,661	12,312	18,868	19,673	5,681	24,482	237,638
Total	89,140	30,299	3,872	1,720	37,485	117,779	133,729	176,941	147,636	129,887	896,911
For the Year Ending September 30, 1938											
Wyoming-Nebraska Line Matched	1,312	0	0	0	140	17,937	85,815	71,257	81,118	12,973	277,162
Matched-Minutane	367	0	0	0	0	2,227	10,982	9,662	12,541	8,766	40,285
Minutane-Bridgeport	389	0	0	0	95	8,112	10,822	12,283	9,024	6,789	43,508
Bridgeport-Leslie	814	2,060	269	490	1,109	1,561	2,488	2,300	2,889	2,684	20,605
Leslie-Oshtemo	1,140	167	0	0	0	0	32	188	60	736	3,311
Oshtemo-North Platte	12,628	375	0	390	2,624	11,570	17,016	25,180	17,917	13,323	102,993
North Platte-Odesa	4,881	21,144	0	3,895	25,232	28,486	22,208	32,157	9,885	29,788	228,174
Total	24,678	23,972	269	4,885	4,638	31,638	121,702	169,866	151,107	90,414	712,110

*1937. The Matched-Brattleton District diversion is not included because its headgate is located in Wyoming.

*29,788 acre-feet of water diverted by the southern Platte Drain Project.

SUMMARY OF WATER DIVERTED, IN ACRE-FEET, IN THE PLATTE RIVER BASIN BETWEEN GUERNSEY AND ODESSA*

1925 to 1934, Inclusive

Year	May	June	July	Aug.	Sept.	Total	Per Cent of	
							10-year Mean	1932
1925	198318	286741	387243	356237	246294	1470533	84.39	76
1926	215681	265624	354244	410818	271882	1628269	91.72	89
1927	20956	274509	425780	321843	303515	1428820	91.72	75
1928	278985	285394	364756	441618	394364	1743217	111.52	93
1929	177536	312114	461677	431190	566103	1678520	107.56	88
1930	126001	291548	426469	371134	264409	1477962	94.89	78
1931	195680	427230	401609	384701	294420	1628260	104.62	86
1932	240630	249500	490320	421230	284580	1865120	122.29	100
1933	138765	403547	484770	456000	320600	1900583	125.79	98
1934	217550	216000	176600	192800	114000	919250	59.61	48
10-Year Mean	170900	315628	288518	385100	276274	1575912	100.00	82
Per Cent of Season	11.09	23.00	26.30	25.01	18.60	100.00		
Per Cent of July Mean	41.56	79.01	100.00	95.37	60.64			
1935	54732	127320	347335	227817	212318	1409243	89.00	73
1936	211735	219274	318925	284872	160103	1426912	90.00	81
1937	262160	247325	112784	407251	373365	1475525	108.00	10
1938	156294	274890	375200	368200	731700	1409200	89.29	74

*Exclusive of water diverted by the submerging power project.

*Note - Section (White) is State (black) taken from daily reports.

ANALYSIS OF WATER DIVERTED BY PROJECTS IN THE PLATTE AND NORTH PLATTE BASINS HAVING STORAGE RIGHTS FROM PATHFINDER AND GUERNSEY RESERVOIRS

Measured near Point of Diversion from Stream in Acre-feet

Project	1933			1934		
	Natural	Storage	Total	Natural	Storage	Total
Northport	26603	35341	62632	15126	27503	42631
Tri State	390664	28619	419283	156296	17955	174251
Central	24158	14082	42240	18523	11890	29916
Reedite	1586	240	1775	857	305	1182
Brown's Creek	1566	0	1566	2015	2000	4135
Chimney Rock	17347	0	17347	1678	1155	1602
Central	6129	0	6129	3944	270	4791
Tri-State	6529	2161	9290	5016	2870	6796
Michigan (Rental)				30382	5000	35382
Hammond (Rental)				2503	103	2606

**MONTHLY EVAPORATION IN INCHES
PATHFINDER RESERVOIR, WYOMING, 1937**

	May	June	July	Aug	Sept
Total	7.92	7.74	8.54	10.84	7.23
Mean	.25	.25	.28	.34	.23

Note.—T. S. W. R. Class "A" Pan (10 inches x 1 foot) in air.
Coefficient of reduction 70 per cent.

**MONTHLY EVAPORATION IN INCHES
PATHFINDER RESERVOIR, WYOMING, 1938**

	May	June	July	Aug	Sept
Total	6.96	9.52	11.49	11.72	8.20
Mean	.22	.31	.37	.37	.27

Note.—T. S. W. R. Class "A" Pan (10 inches x 1 foot) in air.
Coefficient of reduction 70 per cent.

**MONTHLY EVAPORATION IN INCHES
WHALEN DAM, WYOMING, 1938**

	May	June	July	Aug	Sept
Total		7.77	9.74	9.43	4.29
Mean		.25	.31	.31	.14

Note.—T. S. W. R. Class "A" Pan (10 inches x 1 foot) in air.
Coefficient of reduction 70 per cent.

**DAILY EVAPORATION IN INCHES
MITCHELL EXPERIMENTAL FARM, 1937**

Date	April	May	June	July	Aug	Sept
1		0.125	0.090	0.250	0.262	0.150
2		.180	.050	.240	.250	.200
3		.180	.090	.180	.260	.290
4		.120	.260	.310	.150	.240
5		.170	.140	.470	.335	.170
6		.190	.150	.490	.325	.215
7		.240	.140	.470	.300	.175
8		.255	.180	0.0	.390	.180
9		.520	.325	.425	.350	.180
10		.375	.095	.240	.325	.265
11		.180	.355	.240	.315	.180
12		.265	.240	.280	.270	.075
13		.305	.240	.090	.290	.365
14		.310	.390	.210	.300	.315
15		.290	.315	.310	.280	.265
16		.340	.240	.370	.300	.240
17		.270	.270	.260	.370	.185
18		.370	.410	.310	.400	.225
19		.440	.475	.280	.220	.280
20		.260	.080	.240	.285	.210
21		.440	.200	.280	.285	.180
22		.190	.200	.320	.310	.255
23		.340	.290	.390	.145	.240
24		.330	.297	.385	.285	.290
25		.340	.345	.350	.290	.165
26		.075	.079	.335	.170	.145
27		.245	.140	.090	.265	.195
28		.270	.120	.300	.315	.235
29		.330	.275	.365	.410	.195
30		.380	.270	.350	.345	.305
31		.590		.320	.320	
Total		7.505	6.300	9.825	9.045	6.250
Mean		.242	.203	.317	.293	.208
Max		.480	.415	.590	.430	.365
Min		.090	.005	.090	.150	.075

Note.—Records from United States Bureau of Plant Industry Pan 6 feet in diameter, 24 inches deep, set in ground 10 inches.
Coefficient of reduction 94 per cent.

DAILY EVAPORATION IN INCHES
MIDWELL EXPERIMENTAL FARM 1937

Date	April	May	June	July	Aug.	Sept.
1		0.41	0.50	0.60	0.38	0.19
2		1.00	1.20	1.60	1.25	0.70
3		1.25	1.90	2.05	1.80	1.00
4		1.50	2.20	2.60	2.30	1.25
5		1.85	2.50	3.00	2.70	1.70
6		2.10	2.75	3.25	2.90	2.00
7		2.30	2.95	3.45	3.10	2.25
8		2.50	3.10	3.60	3.25	2.50
9		2.65	3.25	3.75	3.40	2.75
10		2.75	3.35	3.85	3.50	2.85
11		2.85	3.45	3.95	3.60	2.95
12		2.90	3.50	4.00	3.65	3.00
13		2.95	3.55	4.05	3.70	3.05
14		2.95	3.55	4.05	3.70	3.05
15		2.95	3.55	4.05	3.70	3.05
16		2.95	3.55	4.05	3.70	3.05
17	0.15	2.95	3.55	4.05	3.70	3.05
18	2.95	3.55	4.05	4.05	3.70	3.05
19	2.95	3.55	4.05	4.05	3.70	3.05
20	2.95	3.55	4.05	4.05	3.70	3.05
21	2.95	3.55	4.05	4.05	3.70	3.05
22	2.95	3.55	4.05	4.05	3.70	3.05
23	2.95	3.55	4.05	4.05	3.70	3.05
24	2.95	3.55	4.05	4.05	3.70	3.05
25	2.95	3.55	4.05	4.05	3.70	3.05
26	2.95	3.55	4.05	4.05	3.70	3.05
27	2.95	3.55	4.05	4.05	3.70	3.05
28	2.95	3.55	4.05	4.05	3.70	3.05
29	2.95	3.55	4.05	4.05	3.70	3.05
30	2.95	3.55	4.05	4.05	3.70	3.05
31	2.95	3.55	4.05	4.05	3.70	3.05
Total	1.80	7.11	6.79	8.35	6.85	4.76
Mean	2.02	3.68	3.66	3.68	3.62	3.18
Max.	3.00	3.55	4.05	4.05	3.70	3.05
Min.	0.00	0.00	0.00	0.00	0.00	0.00

Note: Records from United States Bureau of Plant Industry, Part 6 (2) in diameter, 24 inches high, set in ground 20 inches.
 Coefficient of reduction 0.94 (see page 199)

DAILY EVAPORATION IN INCHES
BRIDGEPORT STATION 1937

Date	April	May	June	July	Aug.	Sept.
1		0.26	0.32	0.30	0.320	0.247
2		0.60	1.17	0.61	1.05	0.55
3		0.77	1.79	1.05	1.00	0.72
4		1.02	1.94	1.57	1.56	1.02
5		1.24	1.47	1.72	1.53	1.04
6		1.58	1.81	1.13	1.45	1.00
7		1.70	2.02	1.18	1.63	1.00
8		1.77	2.12	1.17	1.71	1.00
9		1.81	2.07	1.14	1.65	1.01
10		1.79	2.00	1.10	1.57	1.00
11		1.71	2.07	1.04	1.57	1.00
12		1.65	2.01	1.07	1.54	1.00
13		1.67	1.88	1.01	1.42	1.00
14		1.65	1.84	1.04	1.48	1.00
15	0.343	1.70	1.94	1.01	1.42	1.00
16	1.41	2.05	1.99	1.05	1.47	1.00
17	1.63	2.07	2.01	1.01	1.43	1.00
18	1.62	2.06	2.07	1.02	1.48	1.00
19	1.65	2.00	2.00	1.00	1.40	1.00
20	1.51	1.98	2.01	1.00	1.39	1.00
21	1.65	1.92	2.08	1.03	1.65	1.00
22	1.52	2.00	1.61	1.04	1.59	1.00
23	1.60	2.01	1.79	1.00	1.66	1.00
24	1.60	2.02	1.61	1.00	1.48	1.00
25	1.66	1.97	2.03	1.00	1.45	1.00
26	1.60	1.95	1.97	1.00	1.52	1.00
27	1.61	1.91	1.97	1.00	1.50	1.00
28	1.60	1.94	2.00	1.00	1.45	1.00
29	1.67	1.94	1.96	1.12	1.64	1.00
30	1.67	1.91	2.00	1.00	1.45	1.00
31	1.67	1.91	2.00	1.00	1.45	1.00
Total	10.448	7.184	6.902	9.113	8.678	6.449
Mean	1.60	2.32	2.23	2.94	2.81	2.08
Max.	3.01	3.54	4.05	4.05	3.70	3.05
Min.	0.00	0.00	0.00	0.00	0.00	0.00

Note: U. S. W. B. Class "A" Pan (1) inches x 4 feet diameter.
 Coefficient of reduction 0.71 per cent.
 Observed in following measurements: * Adjusted by 0.11 inch.

DAILY EVAPORATION IN INCHES
BRIDGEPORT STATION 1938

Date	April	May	June	July	Aug.	Sept.
1		0.325	0.260	0.215	0.220	0.156
2		0.294	0.28	0.24	0.24	0.20
3		0.31	0.24	0.20	0.25	0.22
4		0.18	0.27	0.20	0.23	0.21
5		0.21	0.25	0.21	0.24	0.17
6		0.25	0.21	0.21	0.21	0.22
7		0.15	0.18	0.21	0.21	0.27
8		0.27	0.25	0.25	0.24	0.23
9		0.25	0.25	0.25	0.24	0.24
10		0.28	0.27	0.27	0.25	0.25
11		0.27	0.25	0.25	0.25	0.28
12		0.21	0.25	0.25	0.25	0.28
13		0.24	0.25	0.25	0.25	0.28
14		0.24	0.25	0.25	0.25	0.28
15		0.24	0.25	0.25	0.25	0.28
16	0.174	0.24	0.25	0.25	0.25	0.28
17	0.20		0.25	0.25	0.25	0.28
18	0.26	0.21	0.25	0.25	0.25	0.28
19	0.25	0.21	0.25	0.25	0.25	0.28
20	0.25	0.21	0.25	0.25	0.25	0.28
21	0.25	0.21	0.25	0.25	0.25	0.28
22	0.25	0.21	0.25	0.25	0.25	0.28
23	0.25	0.21	0.25	0.25	0.25	0.28
24	0.25	0.21	0.25	0.25	0.25	0.28
25	0.25	0.21	0.25	0.25	0.25	0.28
26	0.25	0.21	0.25	0.25	0.25	0.28
27	0.25	0.21	0.25	0.25	0.25	0.28
28	0.25	0.21	0.25	0.25	0.25	0.28
29	0.25	0.21	0.25	0.25	0.25	0.28
30	0.25	0.21	0.25	0.25	0.25	0.28
Total	4.437	15.136	17.050	7.827	8.690	4.061
Mean	1.479	0.504	0.535	0.254	0.286	0.135
Max	0.28	0.27	0.27	0.25	0.25	0.28
Min	0.17	0.21	0.25	0.25	0.25	0.15

Note.—S. W. E. Class "A" Pan, 10 in. area, 6 feet in diameter, 14 in. high, set in ground 20 in. deep (with 2 in. of reflection 31 per cent).
*Adjusted to full month.

DAILY EVAPORATION IN INCHES
NORTH PLATE STATION 1937

Date	April	May	June	July	Aug.	Sept.
1	0.117	0.183	0.164	0.202	0.118	0.118
2	0.207	0.21	0.18	0.21	0.20	0.20
3	0.28	0.27	0.21	0.24	0.21	0.21
4	0.27	0.25	0.22	0.25	0.21	0.21
5	0.28	0.25	0.25	0.25	0.21	0.21
6	0.27	0.25	0.25	0.25	0.21	0.21
7	0.27	0.25	0.25	0.25	0.21	0.21
8	0.27	0.25	0.25	0.25	0.21	0.21
9	0.27	0.25	0.25	0.25	0.21	0.21
10	0.27	0.25	0.25	0.25	0.21	0.21
11	0.27	0.25	0.25	0.25	0.21	0.21
12	0.27	0.25	0.25	0.25	0.21	0.21
13	0.27	0.25	0.25	0.25	0.21	0.21
14	0.27	0.25	0.25	0.25	0.21	0.21
15	0.27	0.25	0.25	0.25	0.21	0.21
16	0.27	0.25	0.25	0.25	0.21	0.21
17	0.27	0.25	0.25	0.25	0.21	0.21
18	0.27	0.25	0.25	0.25	0.21	0.21
19	0.27	0.25	0.25	0.25	0.21	0.21
20	0.27	0.25	0.25	0.25	0.21	0.21
21	0.27	0.25	0.25	0.25	0.21	0.21
22	0.27	0.25	0.25	0.25	0.21	0.21
23	0.27	0.25	0.25	0.25	0.21	0.21
24	0.27	0.25	0.25	0.25	0.21	0.21
25	0.27	0.25	0.25	0.25	0.21	0.21
26	0.27	0.25	0.25	0.25	0.21	0.21
27	0.27	0.25	0.25	0.25	0.21	0.21
28	0.27	0.25	0.25	0.25	0.21	0.21
29	0.27	0.25	0.25	0.25	0.21	0.21
30	0.27	0.25	0.25	0.25	0.21	0.21
Total	8.042	6.381	6.870	7.827	7.827	4.061
Mean	0.268	0.212	0.229	0.254	0.254	0.135
Max	0.28	0.27	0.27	0.25	0.25	0.28
Min	0.17	0.21	0.25	0.25	0.25	0.15

Note.—Records from United States Bureau of Plant Industry Pan, 6 feet in diameter, 14 in. high, set in ground 20 in. deep (with 2 in. of reflection 31 per cent).
*Adjusted to full month.

REPORT OF THE STATE ENGINEER

DAILY EVAPORATION IN INCHES
NORTH PLATTE STATION 1938

Date	Apr	May	June	July	Aug.	Sept.
1		0.296	0.271	0.320	0.307	0.298
2	0.290	0.285	0.281	0.233	0.205	0.159
3	0.308	0.275	0.233	0.296	0.408	0.385
4	0.198	0.190	0.135	0.274	0.451	0.385
5	0.220	0.190	0.116	0.241	0.429	0.172
6		0.010	0.200	0.208	0.265	0.196
7		0.077	0.107	0.205	0.197	0.215
8		0.124	0.227	0.314	0.309	0.161
9		0.179	0.275	0.311	0.401	0.114
10		0.179	0.295	0.405	0.238	0.164
11		0.175	0.156	0.290	0.407	0.127
12	0.062	0.094	0.127	0.251	0.169	0.031
13	0.066	0.171	0.169	0.261	0.290	0.250
14	0.041	0.207	0.222	0.205	0.155	0.196
15	0.070	0.132	0.172	0.218	0.124	0.175
16	0.114	0.090	0.240	0.173	0.117	0.199
17	0.083	0.066	0.250	0.237	0.171	0.234
18	0.124	0.200	0.178	0.145	0.124	0.147
19	0.240	0.227	0.171	0.291	0.230	0.255
20	0.202	0.161	0.248	0.244	0.208	0.178
21	0.205	0.187	0.246	0.276	0.212	0.142
22	0.101	0.080	0.281	0.250	0.200	0.162
23	0.181	0.197	0.275	0.250	0.215	0.205
24	0.141	0.200	0.240	0.214	0.220	0.201
25	0.124	0.227	0.170	0.226	0.222	0.213
26	0.067	0.130	0.190	0.220	0.201	0.172
27		0.250	0.222	0.257	0.200	0.224
28	0.177	0.246	0.273	0.205	0.227	0.221
29	0.207	0.252	0.239	0.294	0.200	0.223
30	0.201	0.220	0.220	0.210	0.176	0.163
31		0.227		0.215	0.212	
Total	11.061	5.414	7.873	17.667	12.562	15.065
Mean	0.355	0.176	0.254	0.569	0.399	0.472
Max.	0.318	0.252	0.285	0.400	0.407	0.290
Min.	0.000	0.000	0.000	0.173	0.000	0.031

Note: Readings from U. S. Photo Bureau U. S. Ind. Hygiene Div. 8 feet in diameter, 24 inches deep set in ground 20 inches.
Coefficient of reduction 75 per cent.

Adjusted to full month.

DAILY EVAPORATION IN INCHES
KEYSTONE DAM 1938

Date	Apr	Sept
1		0.347
2	0.428	0.029
3	0.312	0.007
4	0.222	0.040
5	0.221	0.126
6	0.208	0.208
7	0.134	0.202
8	0.171	0.228
9	0.428	0.257
10	0.250	0.272
11	0.272	0.173
12	0.135	0.041
13	0.090	0.190
14	0.220	0.222
15	0.107	0.175
16	0.224	0.213
17	0.210	0.220
18	0.226	0.200
19	0.274	0.158
20	0.160	0.160
21	0.170	0.216
22	0.267	0.200
23	0.269	0.151
24	0.146	0.274
25	0.285	0.240
26	0.210	0.250
27	0.179	0.236
28	0.200	0.261
29	0.213	0.250
30	0.212	0.248
31	0.251	
Total	11.020	6.416
Mean	0.354	0.207
Max.	0.428	0.274
Min.	0.179	0.007

Note: U. S. W. D. Class "A" Pan 500 inches x 4 feet circular.
Coefficient of reduction 70 per cent.
Adjusted to full month.

CLIMATOLOGICAL DATA
Precipitation in Inches for Water Year

Month	Normal		1937		1938	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*MITCHELL STATION, SCOTTS BLUFF COUNTY ELEVATION, 4080						
October	1.05	1.05	0.42	0.42	1.12	1.12
November	.36	1.41	.53	.95	.42	1.54
December	.41	1.82	.57	1.52	.51	2.05
January	.17	2.00	.21	1.73	.32	2.37
February	.21	2.21	.07	1.80	.18	2.55
March	.59	2.80	.39	2.19	1.09	3.64
April	1.35	4.14	.76	2.95	.39	4.03
May	2.63	7.07	2.07	5.02	1.26	6.29
June	2.47	9.54	1.92	6.94	2.25	8.54
July	1.78	11.32	.80	7.74	3.10	11.64
August	2.62	13.94	.89	8.63	.97	12.61
September	3.24	17.18	.62	9.25	2.52	15.13

*Normal based on 25-year record.

*BRIDGEPORT STATION, MORRILL COUNTY ELEVATION, 2666						
October	1.09	1.09	0.26	0.26	0.66	0.66
November	.43	1.52	.72	.98	.24	1.00
December	.59	2.11	.61	1.59	.29	1.29
January	.37	2.48	.48	2.07	.05	1.34
February	.45	2.93	.11	2.18	.11	1.45
March	.82	3.75	.37	2.55	.03	1.48
April	2.12	5.87	.39	2.94	2.26	3.70
May	2.62	8.49	2.31	5.25	2.23	5.93
June	2.51	11.00	2.26	7.51	2.25	8.18
July	1.96	12.96	2.1	9.61	3.99	12.17
August	1.71	14.67	.57	10.18	1.27	13.44
September	1.36	16.03	.15	10.33	4.37	17.81

*Normal based on 41-year record.

*OSHKOSH STATION, GARDEN COUNTY ELEVATION, 3223						
October	1.23	1.23	0.22	0.22	0.56	0.56
November	.62	1.85	.20	.42	.13	.69
December	.56	2.41	.24	.66	.44	1.13
January	.34	2.75	.75	1.41	.26	1.39
February	.90	3.65	.21	1.62	.11	1.50
March	.97	4.62	1.02	2.64	.62	2.12
April	2.15	6.77	.24	2.88	2.27	4.39
May	2.70	9.47	.85	3.73	1.42	5.81
June	2.67	12.14	2.43	6.16	3.00	8.81
July	2.29	14.43	1.83	8.00	3.14	11.95
August	1.25	15.68	.82	8.82	1.83	13.78
September	1.46	17.14	1.28	10.10	1.22	14.99

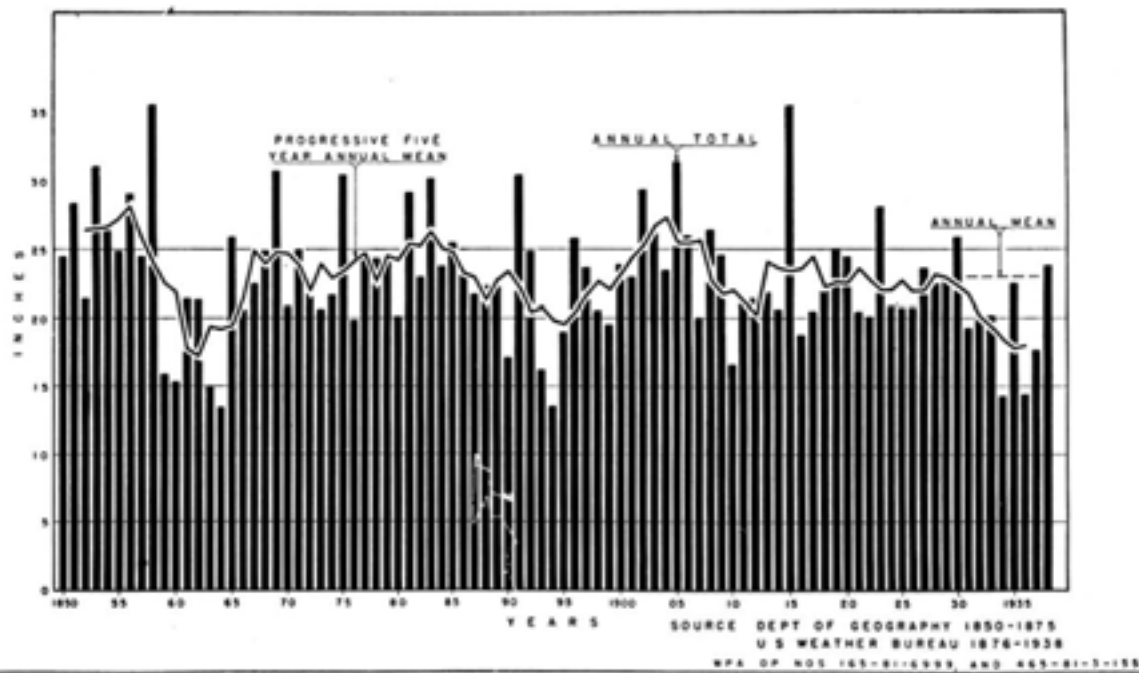
*Normal based on 26-year record.

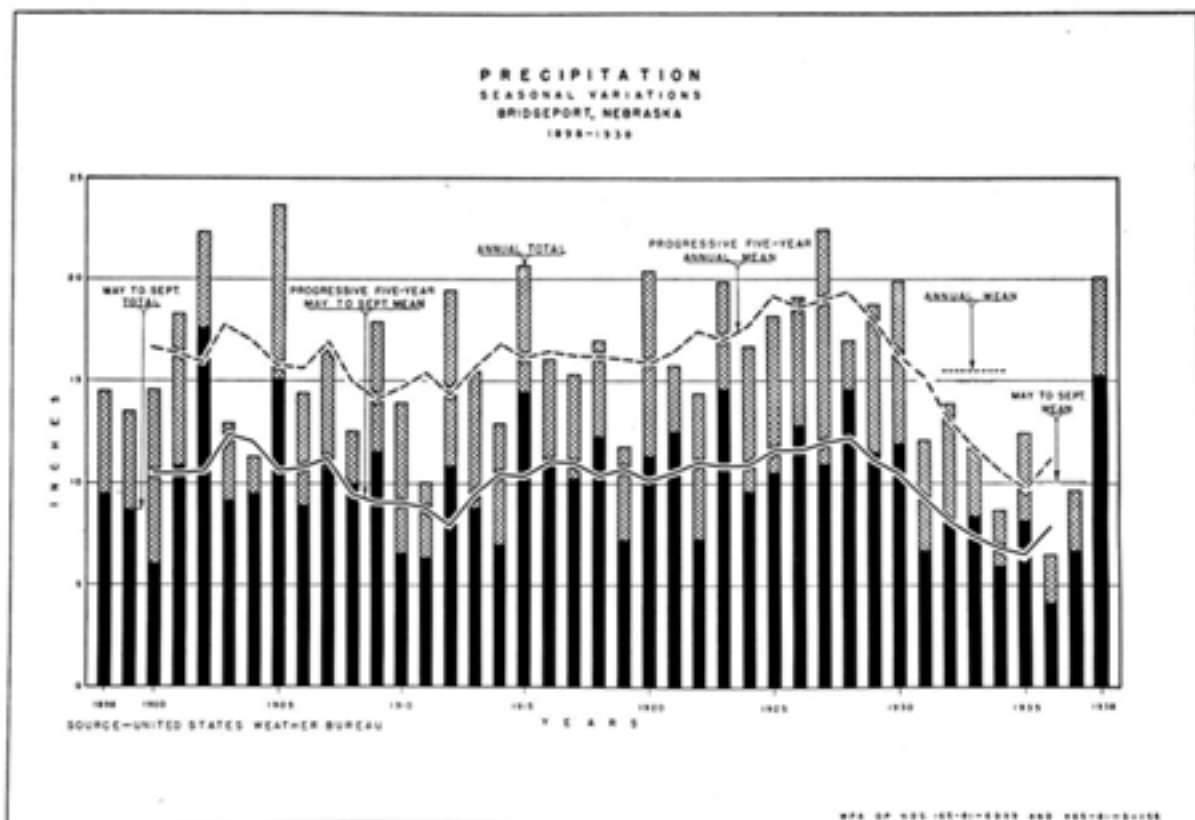
*NORTH PLATTE STATION, LINCOLN COUNTY—ELEVATION, 2645						
October	1.07	1.07	0.41	0.41	1.27	1.27
November	.43	1.50	.69	.44	.06	1.33
December	.53	2.03	.43	.87	.28	1.61
January	.59	2.62	.62	1.49	.07	1.68
February	.53	3.15	.30	1.79	.25	1.93
March	.86	4.01	1.09	2.88	.79	2.72
April	2.06	6.07	1.09	3.97	2.00	4.72
May	2.75	8.82	.64	4.61	3.70	8.42
June	2.22	11.04	3.15	7.76	2.62	11.04
July	2.74	13.78	2.21	9.97	3.15	14.19
August	2.39	16.17	.76	10.73	1.64	15.83
September	1.35	17.52	.59	11.32	3.41	19.24

*Normal based on 64-year record.

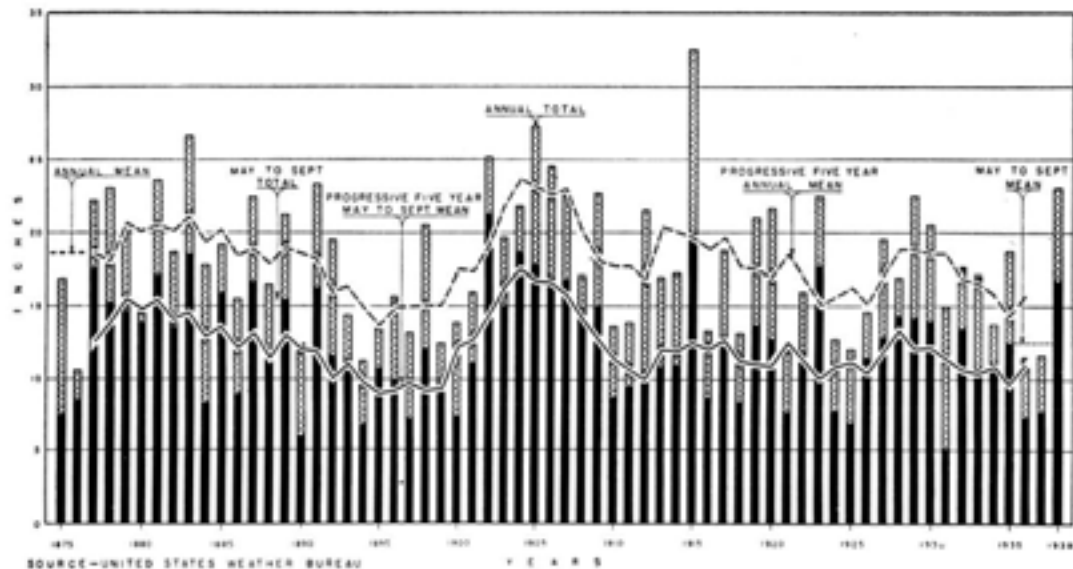
(Continued on Page 702)

MEAN ANNUAL PRECIPITATION
NEBRASKA
1850-1938





PRECIPITATION
SEASONAL VARIATIONS
NORTH PLATTE, NEBRASKA
1875-1938



CLIMATOLOGICAL DATA—Continued
Precipitation in Inches for Water Year

Month	Normal		1937		1938	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*LEXINGTON STATION, DAWSON COUNTY—ELEVATION, 2385						
October	1.74	1.74	0.05	0.05	1.86	1.86
November	.78	2.52	T	.05	.02	1.88
December	.69	3.21	1.88	1.43	T	1.88
January	.40	3.61	1.56	2.99	.07	1.95
February	.76	4.37	.80	3.79	.30	2.25
March	1.05	5.42	3.02	6.81	1.36	3.61
April	2.40	7.82	.61	7.42	2.26	5.87
May	3.14	10.96	1.53	8.95	6.73	12.60
June	3.74	14.70	4.01	12.96	2.92	15.52
July	3.26	17.96	.55	13.51	4.01	19.53
August	2.92	20.88	3.19	16.70	1.33	20.86
September	2.03	22.91	1.69	18.39	2.22	23.08
*Normal based on 48-year record.						
*GRAND ISLAND STATION, HALL COUNTY—ELEVATION, 1890						
October	2.12	2.12	0.52	0.52	1.48	1.48
November	1.04	3.16	.10	.62	.05	1.53
December	.75	3.91	.86	1.48	.16	1.69
January	.55	4.46	.92	2.40	.43	2.12
February	.80	5.26	.32	2.72	.77	2.89
March	1.32	6.58	1.53	5.25	11.32	4.21
April	2.45	9.03	1.09	6.34	4.00	8.21
May	3.95	12.98	5.27	11.61	4.52	12.73
June	4.05	17.03	2.98	14.59	3.29	16.12
July	3.55	20.58	4.52	19.11	2.64	18.76
August	3.52	24.10	3.07	22.18	1.16	19.92
September	2.96	27.06	1.55	23.73	2.65	22.57
*Normal based on 47-year record.						
†No report. Used U. S. W. B. Normal.						
*OMAHA STATION, DOUGLAS COUNTY—ELEVATION, 978						
October	2.17	2.17	1.07	1.07	1.43	1.43
November	1.07	3.24	.14	1.21	.26	1.69
December	.93	4.17	1.12	2.33	.15	1.84
January	.70	4.87	1.15	3.48	.68	2.52
February	.89	5.76	.22	3.70	.91	3.43
March	1.37	7.13	1.60	5.30	.51	3.94
April	2.51	9.64	1.67	6.97	5.19	9.13
May	3.77	13.41	2.45	9.42	2.68	11.81
June	4.56	17.97	4.77	14.19	2.03	13.84
July	3.54	21.51	5.04	19.23	6.84	20.68
August	3.05	24.56	.97	20.20	3.99	24.67
September	3.21	27.77	.80	21.00	4.84	29.51
*Normal based on 68-year record.						
*FORT ROBINSON STATION, DAWES COUNTY—ELEVATION, 3807						
October	1.39	1.39	0.95	0.95	1.06	1.06
November	.47	1.86	1.05	2.00	.36	1.42
December	.68	2.54	.28	2.28	.39	1.81
January	.52	3.06	.29	2.57	.40	2.21
February	.65	3.71	.10	2.67	.20	2.41
March	.93	4.64	.68	3.35	2.43	4.84
April	1.95	6.59	.78	4.13	2.61	7.45
May	2.79	9.38	2.42	6.55	4.43	11.88
June	2.48	11.86	3.87	10.42	2.77	14.65
July	2.24	14.10	.93	11.35	1.24	15.89
August	1.71	15.81	.29	11.64	1.06	16.95
September	1.42	17.23	1.82	13.46	1.99	18.94
*Normal based on 53-year record.						

CLIMATOLOGICAL DATA—Concluded
Precipitation in Inches for Water Year

Month	Normal		1937		1938	
	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative
*CULBERTSON STATION, HITCHCOCK COUNTY—ELEVATION, 2565						
October	1.30	1.30	0.10	0.10	1.19	1.19
November	.71	2.01	T	.10	.08	1.27
December	.68	2.69	.32	.42	.30	1.57
January	.34	3.03	.64	1.06	.34	1.81
February	.58	3.61	.12	1.18	.14	1.95
March	1.04	4.65	1.19	2.37	1.89	3.84
April	2.00	6.65	.64	3.01	2.32	6.16
May	2.98	9.63	1.38	4.39	7.80	13.96
June	3.28	12.91	4.84	9.23	2.05	16.01
July	2.95	15.86	1.63	10.86	3.76	19.77
August	2.56	18.42	1.85	12.71	3.35	23.12
September	1.60	20.02	.40	13.11	1.41	24.53
*Normal based on 34-year record.						
*GENOA STATION, NANCE COUNTY—ELEVATION, 1584						
October	1.80	1.80	0.01	0.01	2.31	2.31
November	1.00	2.80	T	.01	.12	2.43
December	.86	3.66	1.00	1.01	.10	2.53
January	.52	4.18	1.51	2.52	.71	3.24
February	.74	4.92	.17	2.69	1.55	4.79
March	1.13	6.05	1.78	4.47	.84	5.63
April	2.43	8.48	1.30	5.77	2.04	7.67
May	4.03	12.51	3.87	9.64	3.66	11.33
June	4.43	16.94	5.15	14.79	3.70	15.03
July	3.58	20.52	3.98	18.77	3.96	18.99
August	3.46	23.98	2.11	20.88	.05	19.04
September	3.24	27.22	1.26	22.14	5.45	24.49
*Normal based on 62-year record.						

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	20	22	8	10	4	72	20	13	9	2	1	0
2	16	32	7	11	6	60	16	13	20	2	3	0
3	15	44	6	13	12	44	13	14	51	2	3	0
4	14	34	6	12	22	32	13	17	30	1	2	56
5	14	24	5	10	25	30	12	16	24	1	1	28
6	16	24	4	8	23	28	11	13	21	0	1	20
7	16	26	3	6	20	25	10	13	16	1	1	150
8	14	23	4	6	18	20	9	13	21	1	1	199
9	14	22	6	6	16	17	9	13	21	0	1	40
10	13	22	9	6	15	16	9	13	22	1	1	24
11	12	21	11	8	20	16	8	13	20	1	0	24
12	13	19	12	11	25	17	6	13	18	1	0	17
13	15	9	13	14	30	18	4	8	17	1	3	10
14	15	8	11	18	55	18	4	8	17	1	1	10
15	13	8	12	22	60	28	3	8	20	1	1	9
16	11	8	10	22	70	40	3	8	39	1	1	10
17	8	9	10	24	90	24	3	7	16	15	1	10
18	4	9	10	26	100	19	3	7	10	8	0	8
19	6	9	10	20	120	18	3	9	8	22	0	7
20	16	9	10	18	155	18	3	7	5	17	0	6
21	18	9	11	14	170	18	3	5	4	20	0	5
22	18	8	10	10	163	18	3	4	2	6	0	5
23	16	7	10	8	92	18	3	3	4	2	0	4
24	15	6	10	2	114	18	4	3	5	16	0	4
25	17	7	11	1	139	16	11	3	86	8	0	6
26	19	8	10	0	123	18	11	20	72	4	0	4
27	16	8	10	0	104	18	9	20	18	3	0	4
28	16	7	10	0	86	20	9	18	14	2	0	5
29	16	7	10	1	—	25	11	15	10	2	0	5
30	16	7	10	2	—	27	14	12	5	2	0	5
31	17	—	9	2	—	25	—	9	—	5	0	—
Mean	14	15	9	10	67	25	8	11	21	5	1	22
Max.	20	44	13	26	170	72	20	20	86	22	3	199
Min.	4	6	3	0	4	16	3	3	2	0	0	0
A. F.	891	904	550	617	3720	1550	476	670	1240	292	46	1340

Total acre-feet 12300.

BALD DRAIN—Sec. 32-23-56 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	2	2	2	1	1	1	2	7	6	6	9
2	1	2	2	2	1	1	1	2	9	6	6	9
3	1	2	2	2	1	1	1	2	8	6	6	10
4	1	2	2	2	1	1	1	7	7	6	7	10
5	1	2	2	2	1	1	1	6	6	6	7	10
6	1	2	2	2	1	1	1	5	7	7	7	10
7	1	2	2	2	1	1	1	4	7	7	7	11
8	1	2	2	2	1	1	1	3	7	7	7	11
9	1	2	2	2	1	1	1	3	7	7	7	11
10	1	2	2	2	1	1	1	3	7	7	7	10
11	1	2	2	2	1	1	1	3	7	7	7	10
12	1	2	2	2	1	1	1	3	7	7	7	9
13	1	2	2	2	1	1	1	3	7	7	7	9
14	1	2	2	2	1	1	1	3	8	8	7	9
15	1	2	2	2	1	1	1	3	8	8	7	8
16	1	2	2	2	1	1	1	3	8	8	7	8
17	1	2	2	2	1	1	1	3	9	9	7	7
18	1	2	2	2	1	1	1	3	9	9	7	7
19	1	2	2	2	1	1	1	3	8	8	7	7
20	1	2	2	2	1	1	1	3	8	8	6	6
21	1	2	2	2	1	1	1	4	8	8	6	6
22	1	2	2	2	1	1	1	6	7	7	7	5
23	1	2	2	2	1	1	1	7	3	7	7	5
24	1	2	2	2	1	1	1	8	3	6	7	5
25	1	2	2	2	1	1	1	9	3	6	7	5
26	1	2	2	2	1	1	1	10	6	6	8	4
27	1	2	2	2	1	1	1	9	6	6	8	4
28	1	2	2	2	1	1	1	8	6	6	8	4
29	1	2	2	2	1	1	1	7	6	6	8	4
30	1	2	2	2	1	1	1	6	6	6	9	4
31	1	2	2	2	1	1	1	5	6	6	9	4
Mean	1	2	2	2	1	1	1	4	4	7	7	8
Max.	1	2	2	2	1	1	1	10	9	9	9	11
Min.	1	2	2	2	1	1	1	2	3	6	6	4
A. F.	61	119	123	123	56	61	60	236	258	424	440	450

Total acre-feet 2411.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 4-20-52 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	42	45	33	28	27	28	26	27	57	11	18	28
2	43	45	34	25	27	28	26	26	51	11	36	37
3	44	44	32	26	27	27	26	27	46	15	50	39
4	44	46	32	27	27	27	26	29	32	16	51	38
5	46	46	32	26	28	27	26	32	20	29	51	37
6	47	46	32	23	27	27	25	29	17	25	49	41
7	59	46	32	25	28	26	25	49	15	22	46	44
8	58	46	30	23	27	26	25	51	15	26	43	43
9	58	46	30	26	27	26	26	54	18	24	36	45
10	58	46	31	26	27	26	25	49	18	20	26	42
11	57	46	31	26	30	26	26	32	24	18	25	41
12	55	48	31	26	28	27	25	30	38	23	31	41
13	51	46	30	27	28	27	26	31	39	24	40	38
14	51	46	30	26	28	26	25	35	37	20	41	38
15	50	44	31	26	28	28	25	33	32	22	42	38
16	49	44	32	27	29	28	25	32	32	25	41	38
17	49	43	33	28	28	28	25	35	22	26	40	36
18	49	43	33	28	29	28	25	14	14	24	83	37
19	46	42	33	26	29	29	24	0	13	24	54	37
20	46	41	32	26	27	29	24	1	12	22	43	36
21	46	39	33	26	27	29	24	0	14	19	40	36
22	46	38	32	28	28	29	23	1	11	16	42	35
23	47	38	35	28	28	30	24	1	9	17	38	36
24	46	36	35	27	27	24	23	2	8	21	33	38
25	46	35	36	27	25	25	23	2	20	22	30	52
26	45	36	34	27	24	24	24	4	39	20	31	59
27	45	36	34	28	27	25	23	2	37	19	34	54
28	45	36	32	27	26	26	26	2	22	17	38	54
29	45	35	32	27	27	27	30	1	11	17	39	54
30	45	36	30	28	---	---	30	25	10	16	41	50
31	44	---	30	27	---	28	---	53	---	17	40	---
Mean	48	42	32	26	27	27	25	23	24	20	40	42
Max.	59	48	36	28	30	30	30	54	57	29	83	59
Min.	47	35	30	23	24	24	23	0	8	11	18	25
A. F.	2980	2510	1980	1630	1520	1660	1500	1430	1460	1250	2480	2480

Total acre-feet 22880.

BEAVER CREEK NEAR BEAVER CITY—Sec. 23-2-23 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	•	•	•	•	•	•	•	4	18	13	21	27
2	•	•	•	•	•	•	•	4	492	12	20	31
3	•	•	•	•	•	•	•	4	55	9	75	25
4	•	•	•	•	•	•	•	5	260	9	409	18
5	•	•	•	•	•	•	•	4	285	8	80	13
6	•	•	•	•	•	•	•	4	262	6	92	10
7	•	•	•	•	•	•	•	8	203	6	122	26
8	•	•	•	•	•	•	•	3	82	15	127	34
9	•	•	•	•	•	•	•	4	49	9	56	18
10	•	•	•	•	•	•	•	4	37	4	24	22
11	•	•	•	•	•	•	•	90	31	4	16	9
12	•	•	•	•	•	•	•	23	27	3	11	8
13	•	•	•	•	•	•	•	38	22	2	13	8
14	•	•	•	•	•	•	•	120	20	18	9	19
15	•	•	•	•	•	•	•	104	18	18	129	23
16	•	•	•	•	•	•	•	32	37	19	87	13
17	•	•	•	•	•	•	•	20	26	312	177	8
18	•	•	•	•	•	•	•	13	19	53	161	7
19	•	•	•	•	•	•	•	9	102	30	64	12
20	•	•	•	•	•	•	•	8	127	13	29	17
21	•	•	•	•	•	•	•	7	37	19	21	12
22	•	•	•	•	•	•	•	6	58	11	16	9
23	•	•	•	•	•	•	•	5	67	6	13	7
24	•	•	•	•	•	•	•	4	32	95	11	6
25	•	•	•	•	•	•	•	4	24	24	10	5
26	•	•	•	•	•	•	•	83	16	13	10	4
27	•	•	•	•	•	•	•	15	13	8	8	3
28	•	•	•	•	•	•	•	8	15	6	21	2
29	•	•	•	•	•	•	•	178	13	8	163	2
30	•	•	•	•	•	•	•	106	13	7	100	2
31	•	•	•	•	•	•	•	32	---	5	35	---
Mean	•	•	•	•	•	•	•	31	82	25	69	13
Max.	•	•	•	•	•	•	•	178	492	312	409	34
Min.	•	•	•	•	•	•	•	3	13	2	8	2
A. F.	•	•	•	•	•	•	•	1880	4880	1510	4230	795

Total acre-feet 13300.

*No record.

BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	155	199	155	110	115	188	209	167	160	140	111	137
2	155	183	158	108	118	192	209	170	218	153	103	134
3	142	169	162	108	118	188	214	188	160	156	114	140
4	128	195	162	108	116	188	192	185	156	147	231	244
5	128	183	159	105	114	174	196	181	163	137	134	178
6	134	187	125	95	105	170	201	174	140	131	108	167
7	137	180	133	88	103	167	185	178	134	117	111	170
8	145	187	135	85	102	167	181	163	140	114	105	174
9	142	195	136	88	100	174	185	144	178	117	100	160
10	137	180	137	95	108	181	192	153	156	134	100	150
11	142	176	140	100	117	185	192	192	156	144	125	147
12	155	183	142	105	127	178	209	163	160	150	125	137
13	145	155	142	110	121	174	185	144	150	218	119	137
14	149	145	148	115	130	170	181	144	144	153	114	137
15	152	145	155	120	140	201	178	144	170	134	111	131
16	148	148	152	120	150	201	174	150	263	131	108	128
17	145	140	158	120	165	218	150	150	163	131	103	125
18	148	140	162	118	185	214	147	147	153	122	117	122
19	162	152	148	116	205	268	167	167	153	117	137	150
20	176	169	145	114	209	226	201	196	140	131	150	156
21	169	155	145	104	209	240	188	160	131	411	131	156
22	166	162	152	106	209	240	178	150	125	160	122	156
23	176	148	152	110	205	226	178	140	119	108	119	156
24	176	155	155	114	192	273	181	125	111	153	125	150
25	187	155	140	116	174	188	153	125	105	137	222	153
26	155	145	137	118	185	185	150	167	240	114	160	150
27	162	142	131	112	185	192	167	156	163	108	144	140
28	180	152	130	110	185	209	218	144	134	103	134	156
29	183	155	125	108	-----	209	192	131	128	122	131	163
30	183	152	120	110	-----	209	181	156	125	111	140	174
31	180	-----	115	110	-----	209	-----	150	-----	117	150	-----
Mean	156	164	143	108	150	200	184	158	155	143	129	153
Max.	187	199	162	120	209	273	218	196	263	411	231	244
Min.	128	140	115	85	100	167	147	125	105	103	100	122
A. F.	9590	9780	8820	6630	8310	12310	10980	9730	9200	8770	7940	9080

Total acre-feet 111100.

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-42 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	46	73	92	88	113	131	1	12	0	1	18
2	9	78	74	85	80	117	114	1	22	4	1	53
3	9	84	75	85	81	118	104	1	22	20	0	39
4	9	94	86	86	83	108	107	1	166	17	0	29
5	8	99	77	82	85	108	111	1	118	30	0	55
6	9	92	73	76	83	110	113	2	97	13	0	74
7	12	87	84	74	80	110	110	1	87	13	0	129
8	9	84	100	74	78	111	92	6	80	5	0	163
9	9	88	86	78	82	111	87	12	118	0	0	124
10	9	80	88	80	87	111	87	22	100	0	0	121
11	8	78	88	85	90	111	97	14	86	0	0	115
12	5	82	87	90	91	107	110	14	74	10	2	110
13	3	68	83	94	94	104	106	15	73	82	82	87
14	3	63	83	98	92	106	95	13	69	41	73	55
15	3	64	87	100	93	106	82	27	77	37	36	72
16	4	66	91	102	98	110	72	6	74	29	21	53
17	5	62	96	100	100	112	74	5	59	23	20	61
18	15	62	97	98	103	114	73	8	33	23	47	80
19	7	68	96	96	105	114	58	4	30	7	90	99
20	15	70	97	93	110	110	37	6	21	1	70	94
21	23	61	97	87	108	106	21	9	12	0	29	87
22	24	96	96	90	106	104	5	9	5	0	7	87
23	14	91	97	93	108	108	5	15	1	4	67	67
24	10	91	100	95	103	114	7	16	0	22	30	59
25	9	95	100	96	97	120	90	12	1	15	298	56
26	28	101	97	97	101	129	64	14	2	9	190	55
27	32	104	96	90	100	129	55	16	2	2	75	53
28	32	106	97	87	106	125	29	12	1	1	26	53
29	32	90	99	85	-----	124	11	8	0	0	24	52
30	33	75	97	88	-----	125	6	12	1	2	18	52
31	34	-----	96	92	-----	129	-----	12	-----	6	14	-----
Mean	14	81	90	89	94	114	72	10	48	13	38	75
Max.	34	106	100	102	110	129	131	27	166	82	298	163
Min.	3	46	73	74	78	104	5	1	0	0	0	18
A. F.	859	4810	5540	5490	5220	6990	4270	588	2870	826	2300	4470

Total acre-feet 44230.

BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	39	30	108	82	75	231	175	134	504	129	2140	57
2	61	49	90	39	85	144	131	46	504	136	1670	214
3	66	63	101	84	100	270	154	193	322	165	1210	65
4	74	75	112	44	97	451	105	117	382	105	854	343
5	57	85	139	88	92	303	201	97	516	119	722	234
6	92	86	52	94	75	250	129	117	524	90	568	236
7	175	80	80	60	75	245	220	159	917	52	372	149
8	288	54	70	48	95	327	228	146	818	86	282	51
9	245	56	80	40	90	196	180	88	697	51	400	49
10	172	78	70	55	85	99	201	183	500	63	382	90
11	32	70	66	70	210	136	94	136	478	61	214	74
12	159	62	97	85	450	124	134	124	318	110	180	112
13	180	105	45	95	600	198	117	167	436	66	88	185
14	70	92	70	62	750	141	122	159	300	41	76	146
15	63	72	72	70	680	167	82	117	324	51	38	134
16	51	62	84	70	620	129	129	92	436	124	157	206
17	59	70	101	58	540	80	141	209	735	204	72	101
18	24	88	101	54	480	94	74	105	832	285	63	99
19	42	118	209	62	370	146	175	59	580	455	61	63
20	41	110	44	67	330	165	117	108	372	288	65	149
21	24	90	49	73	328	136	86	141	359	146	48	51
22	19	49	74	70	320	336	124	508	414	126	30	48
23	22	92	101	62	335	500	122	622	540	141	131	68
24	61	112	94	72	352	2020	124	294	564	731	80	80
25	19	101	78	66	489	840	61	162	584	1660	74	54
26	34	101	82	75	315	659	149	172	596	2140	59	22
27	31	37	57	80	327	489	157	162	500	1700	146	54
28	19	94	129	80	250	336	122	167	365	998	78	66
29	23	61	119	72	-----	250	76	291	239	743	56	97
30	33	84	101	64	-----	154	129	270	206	1090	80	211
31	54	-----	105	56	-----	144	-----	447	-----	1900	97	-----
Mean	75	78	90	68	308	315	135	187	492	453	340	117
Max.	288	118	209	95	750	2020	228	622	917	2140	2140	343
Min.	19	30	44	39	75	80	61	46	206	41	30	22
A. F.	4620	4610	5510	4160	17090	19360	8050	11490	29280	27880	20890	6960
Total acre-feet 159900.												

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 5-1-3 E.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	136	97	103	110	90	120	134	122	147	91	290	74
2	106	97	108	100	94	138	127	122	170	91	260	75
3	98	94	117	84	97	188	131	127	187	93	230	73
4	94	96	109	84	100	201	126	136	160	86	205	90
5	91	98	114	83	104	192	120	129	169	106	188	76
6	90	100	80	83	106	201	126	124	158	100	169	106
7	84	98	127	86	106	174	147	122	151	84	178	140
8	89	86	133	87	104	160	156	140	201	82	183	122
9	84	110	133	89	102	152	147	136	190	74	163	112
10	83	100	127	91	97	147	138	133	176	71	170	156
11	83	103	129	90	147	147	138	131	151	70	154	133
12	86	100	127	93	210	143	136	133	147	84	151	205
13	82	98	126	93	360	142	129	127	147	258	143	192
14	82	102	124	93	380	149	131	124	261	169	127	151
15	84	102	133	91	360	133	127	122	342	87	117	133
16	82	104	142	90	340	133	127	115	208	232	110	114
17	79	100	131	87	310	134	124	120	176	217	112	100
18	83	103	126	86	270	133	119	119	226	136	169	87
19	86	103	119	83	290	145	124	117	150	110	108	93
20	84	104	117	81	205	156	124	110	130	254	108	82
21	86	102	112	81	175	149	122	467	125	744	122	84
22	84	103	110	83	160	142	122	588	120	1120	109	80
23	86	98	110	87	145	169	122	419	120	498	103	84
24	89	100	109	89	130	199	120	214	117	585	90	106
25	93	100	112	90	125	214	122	165	115	503	89	110
26	98	103	114	90	114	176	119	151	103	1000	86	248
27	98	100	115	89	110	156	122	133	103	1520	112	325
28	98	102	112	89	106	149	127	127	97	988	96	201
29	98	104	112	89	-----	138	126	119	97	414	87	158
30	98	102	117	87	-----	134	126	115	96	812	84	133
31	98	-----	110	84	-----	134	-----	110	-----	384	80	-----
Mean	91	100	118	88	174	156	129	165	161	355	140	128
Max.	136	110	142	110	380	214	156	588	361	1520	290	325
Min.	79	86	80	81	90	120	119	110	96	70	80	73
A. F.	5580	5970	7240	5440	9670	9620	7650	10150	9600	21820	8590	7620
Total acre-feet 109000.												

BROWNS CREEK CANAL WASTE TO LOWER DUGOUT CREEK

Sec. 20-19-48 W.

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	0	1	2	3
2	*	*	*	*	*	*	*	0	0	1	2	3
3	*	*	*	*	*	*	*	0	0	0	2	3
4	*	*	*	*	*	*	*	0	0	0	2	4
5	*	*	*	*	*	*	*	0	0	0	0	4
6	*	*	*	*	*	*	*	0	0	1	0	2
7	*	*	*	*	*	*	*	0	0	1	0	1
8	*	*	*	*	*	*	*	0	0	1	0	0
9	*	*	*	*	*	*	*	0	0	1	0	0
10	*	*	*	*	*	*	*	0	0	1	0	0
11	*	*	*	*	*	*	*	0	0	0	0	0
12	*	*	*	*	*	*	*	0	0	1	0	0
13	*	*	*	*	*	*	*	0	0	1	0	0
14	*	*	*	*	*	*	*	0	0	1	0	0
15	*	*	*	*	*	*	*	0	0	1	0	0
16	*	*	*	*	*	*	*	0	0	1	0	0
17	*	*	*	*	*	*	*	0	0	1	0	1
18	*	*	*	*	*	*	*	0	0	0	0	2
19	*	*	*	*	*	*	*	0	0	0	0	2
20	*	*	*	*	*	*	*	0	0	1	0	2
21	*	*	*	*	*	*	*	0	0	1	0	1
22	*	*	*	*	*	*	0	0	0	0	0	1
23	*	*	*	*	*	*	0	0	0	0	0	1
24	*	*	*	*	*	*	0	0	0	0	0	2
25	*	*	*	*	*	*	0	0	0	0	0	3
26	*	*	*	*	*	*	0	0	0	0	0	3
27	*	*	*	*	*	*	0	0	0	0	0	4
28	*	*	*	*	*	*	0	0	0	0	0	5
29	*	*	*	*	*	*	0	0	0	0	0	4
30	*	*	*	*	*	*	0	0	0	0	3	4
31	*	*	*	*	*	*	0	0	0	0	3	4
Mean	*	*	*	*	*	*	0	0	0	0.5	0.5	1.8
Max.	*	*	*	*	*	*	0	0	0	1.0	3.0	5.0
Min.	*	*	*	*	*	*	0	0	0	0	0	0
A. F.	*	*	*	*	*	*	0	0	0	30.0	28.0	109.0

Total acre-feet 167.

*No record.

BUFFALO CREEK—Sec. 33-9-18 W.

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	5	40	3	1	6	4	29	8	48	0	0
2	0	5	35	3	1	6	4	27	3	33	0	0
3	0	6	30	3	1	6	4	37	2	17	0	0
4	0	6	25	3	1	7	5	29	5	10	0	0
5	0	7	20	3	1	7	5	27	41	6	0	0
6	0	8	15	2	1	7	5	35	39	4	0	7
7	0	8	15	2	1	8	6	30	44	3	0	5
8	2	6	12	2	1	8	6	27	39	2	0	3
9	2	2	11	2	1	8	6	32	38	1	0	3
10	2	3	10	2	1	9	6	30	28	0	0	3
11	3	6	9	1	2	9	7	33	31	1	0	13
12	3	6	8	1	2	10	7	31	33	0	0	14
13	3	6	7	1	2	9	7	37	35	0	0	22
14	3	6	6	1	2	8	8	27	30	0	0	19
15	3	6	5	1	2	8	8	23	28	0	0	22
16	3	8	4	1	3	7	8	22	28	0	0	16
17	3	8	4	1	3	7	9	23	18	0	0	17
18	3	8	4	1	3	6	9	17	34	0	0	24
19	3	8	4	1	3	6	10	14	32	0	0	16
20	2	8	4	1	3	5	11	11	28	0	0	16
21	1	10	4	1	4	5	3	7	14	0	0	24
22	3	10	4	1	4	4	2	5	6	0	0	18
23	5	10	4	1	4	4	4	3	7	0	0	13
24	6	13	3	1	4	3	4	2	10	0	0	13
25	6	20	3	1	4	3	9	3	6	0	0	13
26	6	30	3	1	5	3	15	6	17	0	0	13
27	8	34	3	1	5	3	20	1	7	0	0	14
28	10	35	3	1	5	4	36	11	50	0	0	14
29	12	36	3	1	—	4	24	21	50	0	0	19
30	14	37	3	1	—	4	24	4	50	0	0	20
31	20	—	3	1	—	4	—	5	—	0	0	—
Mean	4	12	10	2	2	6	9	20	25	4	0	12
Max.	20	37	40	3	5	10	36	37	50	48	0	24
Min.	0	2	3	1	1	3	2	1	2	0	0	0
A. F.	250	716	603	91	139	373	547	1208	1509	248	0	716

Total acre-feet 6400.

BULL DRAIN—Sec. 19-13-28 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	2	1	1	1	3	4	2	2	1	0	0
2	0	2	1	1	1	3	4	2	2	1	0	0
3	0	2	1	1	1	3	4	2	2	1	0	0
4	1	2	1	1	1	3	4	2	2	1	0	0
5	1	2	1	1	1	3	4	2	2	1	0	0
6	1	1	1	1	1	4	4	2	2	1	1	0
7	1	1	1	1	1	4	4	2	2	1	1	0
8	1	1	1	1	1	4	4	2	2	0	1	0
9	1	1	1	1	1	4	4	2	2	0	1	0
10	1	1	1	1	1	4	4	2	2	0	1	0
11	1	1	1	1	1	4	4	2	2	0	1	0
12	1	1	1	1	1	4	4	2	2	0	1	0
13	1	1	1	1	1	4	4	2	2	0	1	0
14	1	1	1	1	1	4	4	2	2	0	1	0
15	1	1	1	1	1	4	4	2	2	0	1	0
16	1	1	1	1	1	4	4	2	2	1	1	1
17	1	1	1	1	1	4	4	2	2	1	1	1
18	1	1	1	1	1	4	4	2	2	1	1	1
19	1	1	1	1	1	4	4	2	2	1	1	1
20	1	1	1	1	1	4	4	2	2	1	1	1
21	1	1	1	1	1	4	4	2	2	1	1	1
22	1	1	1	1	1	4	4	2	2	1	0	1
23	1	1	1	1	1	4	4	2	2	1	0	1
24	1	1	1	1	1	4	4	2	2	1	0	1
25	1	1	1	1	1	4	4	2	2	1	0	1
26	1	1	1	1	1	4	4	2	2	0	0	1
27	1	1	1	1	1	4	4	2	2	0	0	1
28	1	1	1	1	1	4	4	2	2	0	0	1
29	1	1	1	1	1	4	4	2	2	0	0	1
30	1	1	1	1	1	4	4	2	2	0	0	1
31	1	1	1	1	1	4	4	2	2	0	0	1
Mean	1	1	1	1	1	4	3	2	2	0.5	0.5	0.5
Max.	2	2	1	1	1	4	4	2	2	1.0	1.0	1.0
Min.	0	1	1	1	1	3	2	2	2	.0	.0	.0
A. F.	75	69	61	61	118	236	188	123	119	34.0	30.0	30.0

Total acre-feet 1144.

CAMP CLARK SEEP—Sec. 9-20-51 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	4	2	2	2	2	1	1	4	4	0	9
2	0	4	2	2	2	2	1	1	4	4	0	9
3	0	4	2	2	2	2	1	1	4	4	0	9
4	0	4	2	2	2	2	1	1	4	4	0	9
5	0	4	2	2	2	2	1	1	4	4	0	8
6	0	4	2	2	2	2	1	1	4	4	0	7
7	0	4	2	2	2	2	1	1	4	5	0	11
8	0	4	2	2	2	2	1	1	4	5	0	12
9	0	4	2	2	2	2	1	1	4	6	0	8
10	0	4	2	2	2	2	1	1	4	5	0	8
11	0	4	2	2	2	2	1	1	4	5	0	9
12	0	4	2	2	2	2	1	1	4	5	0	9
13	0	4	2	2	2	2	1	1	4	5	0	8
14	0	4	2	2	2	2	1	1	4	5	0	9
15	0	4	2	2	2	2	1	1	4	5	0	9
16	7	3	3	3	3	3	1	1	3	3	0	8
17	7	3	3	3	3	3	1	1	3	3	0	8
18	7	3	3	3	3	3	1	1	3	3	0	8
19	7	3	3	3	3	3	1	1	3	3	0	7
20	7	3	3	3	3	3	1	1	3	3	0	9
21	6	3	3	3	3	3	1	1	3	3	0	9
22	6	3	3	3	3	3	1	1	3	3	0	8
23	6	3	3	3	3	3	1	1	3	3	0	8
24	6	3	3	3	3	3	1	1	3	3	0	9
25	6	3	3	3	3	3	1	1	3	3	0	8
26	5	3	3	3	3	3	1	1	3	3	0	8
27	5	3	3	3	3	3	1	1	3	3	0	7
28	5	3	3	3	3	3	1	1	3	3	0	2
29	5	3	3	3	3	3	1	1	3	3	0	4
30	5	3	3	3	3	3	1	1	3	3	0	3
31	5	3	3	3	3	3	1	1	3	3	4	3
Mean	3	4	2	2	2	2	1	1	3	3	0.1	8
Max.	7	4	2	2	2	2	1	1	4	6	4.0	12
Min.	0	3	2	2	2	2	1	1	3	3	.0	3
A. F.	188	149	123	123	111	123	69	139	147	133	8.0	474

Total acre-feet 1778.

Note:—Camp Clark Seep water enters DeGraw Drain above DeGraw Drain rating station.

CEDAR BRANCH CREEK—Sec. 17-14-35 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1			3	3	2	3	1	1				
2			3	3	2	3	1	1				
3			3	3	2	3	1	1				
4			3	3	2	3	1	1				
5			3	3	2	3	1	1				
6			3	3	2	3	1	1				
7			3	3	2	3	1	1				
8			3	3	2	3	1	1				
9			3	3	2	3	1	1				
10			3	3	2	3	1	1				
11			3	3	2	3	1	1				
12			3	3	2	3	1	1				
13			3	3	2	3	1	1				
14			3	3	2	3	1	1				
15			3	3	2	3	1	1				
16			3	3	2	3	1	1				
17			3	3	2	3	1	1				
18			3	3	2	3	1	1				
19			3	3	2	3	1	1				
20			3	3	2	3	1	1				
21			3	3	2	3	1	1				
22			3	3	2	3	1	1				
23			3	3	2	3	1	1				
24			3	3	2	3	1	1				
25			3	3	2	3	1	1				
26			3	3	2	3	1	1				
27			3	3	2	3	1	1				
28			3	3	2	3	1	1				
29			3	3	2	3	1	1				
30		3	3	3	—	1	1	1				
31		—	3	3	—	1	1	1				
Mean		2	3	3	3	3	1	1	—			—
Max.		3	3	3	3	3	1	2	3			3
Min.		2	3	3	2	3	1	1	2			2
A. F.	123	123	184	133	157	141	60	83	119	123	123	119

Total acre-feet 1488.

CEDAR CREEK—Sec. 11-18-48 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	5	13	13	13	12	10	13	11	6	3	3	17
2	10	14	13	13	12	10	13	11	4	3	3	11
3	10	14	13	13	12	10	12	11	4	2	3	14
4	10	14	13	13	12	10	12	11	3	3	3	14
5	10	14	13	13	12	10	12	11	3	5	3	12
6	10	14	13	13	12	10	12	11	3	7	3	300
7	10	14	13	13	12	10	12	11	3	6	3	35
8	10	14	13	13	12	10	12	11	3	4	3	25
9	10	14	13	13	12	10	12	11	4	4	3	16
10	10	14	13	13	11	10	12	11	4	3	3	14
11	10	13	12	13	11	10	12	11	8	3	3	14
12	10	13	12	13	11	10	12	15	6	3	3	14
13	10	13	12	13	11	10	12	16	5	3	3	14
14	10	13	12	13	11	10	12	14	4	4	3	14
15	10	13	12	13	11	10	12	5	4	4	3	15
16	10	13	12	13	11	11	11	4	4	3	3	15
17	10	13	12	13	11	11	11	3	4	3	3	15
18	10	13	12	13	11	11	11	3	3	5	4	15
19	10	13	12	13	11	11	11	2	3	8	4	7
20	10	13	12	13	11	11	11	2	3	7	4	6
21	11	13	12	13	11	11	11	3	3	6	4	7
22	11	13	12	13	11	11	11	3	3	5	4	7
23	11	13	12	13	10	11	11	3	3	4	11	7
24	11	13	12	13	10	11	11	3	3	3	12	8
25	12	13	12	13	10	11	11	3	3	2	9	17
26	12	13	12	13	10	12	11	2	3	1	7	20
27	12	13	12	13	10	12	11	2	2	1	5	20
28	12	13	12	13	10	12	11	2	2	2	10	17
29	13	13	12	12	—	12	11	2	3	15	23	27
30	13	13	12	12	—	12	11	2	3	16	9	27
31	13	—	13	12	—	12	—	6	—	3	16	—
Mean	11	13	12	13	11	11	12	7	4	4	6	25
Max.	13	14	13	13	12	12	13	16	8	16	23	300
Min.	5	13	12	12	10	10	11	2	2	1	3	6
A. F.	647	791	760	791	617	661	690	419	214	240	363	1491

Total acre-feet 7684.

CENTRAL CANAL WASTE—Sec. 4-21-54 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	3	5	6
2	0	0	3	5	3
3	0	0	3	6	3
4	0	0	4	5	4
5	0	0	10	1	4
6	0	0	4	1	4
7	0	0	2	0	4
8	0	0	13	0	0
9	0	0	2	0	0
10	2	0	8	0	0
11	2	0	20	0	0
12	0	0	20	0	0
13	0	0	7	0	0
14	0	0	3	0	0
15	0	0	15	0	0
16	0	0	11	0	0
17	0	0	10	0	0
18	2	0	16	0	0
19	1	0	18	1	0
20	2	0	13	0	0
21	10	5	8	0	4
22	4	12	3	0	0
23	0	10	13	0	0
24	0	12	5	0	0
25	0	4	3	0	0
26	0	7	3	0	0
27	0	3	2	6	0
28	0	3	1	0	0
29	0	3	2	0	0
30	---	.	.	25	3	4	6	0
31	---	.	.	25	---	3	4	---
Mean	2	2	7	1	1
Max.	25	12	20	6	6
Min.	0	0	1	0	0
A. F.	145	123	490	79	79

Total acre-feet 859.

* No record.

 CHIMNEY ROCK CANAL WASTE NO. 1—Sec. 14-20-52 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	2	1
2	0	0	1	0
3	0	0	1	2
4	0	0	1	1
5	0	0	2	2
6	0	0	2	2
7	0	0	2	2
8	0	0	2	1
9	0	0	1	1
10	1	0	2	2
11	1	0	2	1
12	1	0	2	1
13	2	0	1	1
14	2	0	1	1
15	2	0	1	1
16	2	0	1	1
17	2	0	1	1
18	2	0	1	1
19	2	0	1	1
20	2	0	1	1
21	3	3	1	1
22	3	1	1	1
23	2	2	1	1
24	2	2	1	1
25	1	3	4	4
26	1	3	4	4
27	1	4	5	5
28	0	3	3	3
29	0	2	2	2
30	0	1	1	1
31	---	3	---	---
Mean	1	1	2	2
Max.	3	4	5	4
Min.	0	0	1	0
A. F.	69	50	115	95

Total acre-feet 329.

* No record.

CHIMNEY ROCK CANAL WASTE NO. 2—Sec. 18-20-51 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	0	0	1	1
2	*	*	*	*	*	*	*	*	0	0	1	1
3	*	*	*	*	*	*	*	*	0	0	1	1
4	*	*	*	*	*	*	*	*	0	0	1	1
5	*	*	*	*	*	*	*	*	0	0	1	1
6	*	*	*	*	*	*	*	*	0	0	1	1
7	*	*	*	*	*	*	*	*	0	0	1	1
8	*	*	*	*	*	*	*	*	0	0	1	1
9	*	*	*	*	*	*	*	*	1	1	1	1
10	*	*	*	*	*	*	*	*	1	1	1	1
11	*	*	*	*	*	*	*	*	1	1	1	1
12	*	*	*	*	*	*	*	*	1	1	1	1
13	*	*	*	*	*	*	*	*	1	1	1	1
14	*	*	*	*	*	*	*	*	1	1	1	1
15	*	*	*	*	*	*	*	*	1	1	1	1
16	*	*	*	*	*	*	*	*	1	1	1	1
17	*	*	*	*	*	*	*	*	1	1	1	1
18	*	*	*	*	*	*	*	*	1	1	1	1
19	*	*	*	*	*	*	*	*	1	1	1	1
20	*	*	*	*	*	*	*	*	1	1	1	1
21	*	*	*	*	*	*	*	*	1	1	1	1
22	*	*	*	*	*	*	*	*	1	1	1	1
23	*	*	*	*	*	*	*	*	1	1	1	1
24	*	*	*	*	*	*	*	*	1	1	1	1
25	*	*	*	*	*	*	*	*	1	1	1	1
26	*	*	*	*	*	*	*	*	1	1	1	1
27	*	*	*	*	*	*	*	*	1	1	1	1
28	*	*	*	*	*	*	*	*	1	1	1	1
29	*	*	*	*	*	*	*	*	1	1	1	1
30	*	*	*	*	*	*	*	*	1	1	1	1
31	*	*	*	*	*	*	*	*	1	1	1	1
Mean	*	*	*	*	*	*	*	*	1	1	1	1
Max.	*	*	*	*	*	*	*	*	1	1	1	1
Min.	*	*	*	*	*	*	*	*	0	0	0	0
A. F.	*	*	*	*	*	*	*	*	54	101	40	97

Total acre-feet 292.

* No record.

CLEAR CREEK—Sec. 32-16-41 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	5	10	8	8	10	8	0	0	0	0	0	0
2	5	10	8	8	12	8	0	0	1	0	0	0
3	5	10	8	8	13	8	0	0	0	0	0	0
4	5	10	8	8	14	8	0	0	0	0	0	0
5	5	11	8	8	15	8	0	0	2	0	0	0
6	5	11	8	8	14	8	0	0	2	0	0	0
7	5	10	8	8	13	8	0	0	0	0	0	0
8	5	10	8	8	12	8	0	0	0	0	0	0
9	5	10	8	8	11	8	0	4	2	0	0	0
10	5	10	8	8	10	8	0	4	5	0	0	0
11	5	9	8	8	9	8	0	4	7	0	0	0
12	5	9	9	8	9	8	0	4	4	0	0	0
13	5	9	9	8	9	8	0	0	4	2	0	0
14	5	9	9	8	9	9	0	0	4	0	0	0
15	5	9	9	8	9	9	0	0	3	0	0	1
16	5	8	9	8	8	9	0	0	6	0	0	2
17	5	8	9	8	8	9	0	0	4	0	0	1
18	5	8	9	8	8	9	0	0	4	0	7	9
19	5	8	10	8	8	9	0	0	4	0	7	2
20	5	8	10	8	8	9	0	0	4	0	7	1
21	5	7	9	8	8	10	0	0	0	0	0	1
22	5	8	9	8	8	10	0	0	0	0	0	1
23	6	8	9	8	8	10	0	0	0	0	0	1
24	8	8	9	8	8	10	0	0	0	0	0	1
25	8	8	9	8	8	10	0	0	0	0	3	1
26	8	8	9	8	8	11	0	0	0	0	1	1
27	9	8	9	8	8	11	0	0	0	0	1	1
28	9	8	8	8	8	11	0	0	0	0	1	0
29	9	8	8	8	8	11	0	0	0	0	1	0
30	9	8	8	8	8	11	0	0	0	0	1	0
31	10	---	8	8	---	11	---	0	0	0	0	1
Mean	6	9	9	8	10	9	0	0.5	1.9	0.1	0.9	1.1
Max.	10	11	10	8	15	11	0	4.0	7.0	2.0	7.0	9.0
Min.	5	7	8	8	8	8	0	.0	.0	.0	.0	.0
A. F.	369	528	528	492	541	561	0	32.0	111.0	4.0	56.0	65.0

Total acre-feet 3287.

CLEVELAND DRAIN—Sec. 6-20-52 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	5	2	1	1.0	0	0.2	1	1	9	8	5	2
2	5	2	1	.9	0	.3	1	1	8	5	8	3
3	5	2	1	.8	0	.5	1	1	5	4	6	4
4	5	2	1	.7	0	.5	1	1	7	7	6	8
5	5	2	1	.6	0	.6	1	1	9	5	5	3
6	4	1	1	.5	0	.6	1	3	6	6	3	4
7	4	1	1	.4	0	.7	1	5	7	3	2	5
8	4	1	1	.3	0	.7	1	4	5	2	5	6
9	4	1	1	.2	0	.8	1	2	5	10	3	8
10	4	1	1	.1	0	.8	1	2	5	7	5	7
11	3	3	1	.0	0	.9	1	2	6	8	5	8
12	3	3	1	.0	0	.9	1	1	4	10	5	8
13	3	3	1	.0	0	1.0	1	0	2	7	5	7
14	3	3	1	.0	0	1.0	1	1	4	11	3	6
15	3	3	1	.0	0	1.0	1	3	2	10	2	5
16	1	1	1	.0	0	1.0	1	3	4	6	4	3
17	1	1	1	.0	0	1.0	1	3	5	3	5	4
18	1	1	1	.0	0	1.0	1	3	6	8	10	6
19	1	1	1	.0	0	1.0	1	2	8	14	8	9
20	1	1	1	.0	0	1.0	1	1	10	8	7	5
21	1	1	1	.0	0	1.0	1	0	7	8	8	5
22	1	1	1	.0	0	1.0	1	0	7	4	5	7
23	1	1	1	.0	0	1.0	1	0	5	6	8	7
24	1	1	1	.0	0	1.0	1	2	4	2	9	6
25	1	1	1	.0	0	1.0	1	2	6	3	8	7
26	1	1	1	.0	0	1.0	1	4	9	10	4	6
27	1	1	1	.0	0	1.0	1	6	15	9	4	5
28	1	1	1	.0	0	1.0	1	4	11	4	4	5
29	1	1	1	.0	0	1.0	1	8	11	5	3	4
30	2	1	1	.0	—	1.0	1	9	7	4	4	2
31	—	—	1	.0	—	1.0	—	10	—	4	2	—
Mean	3	2	1	0.2	0	0.8	1	3	7	6	5	6
Max.	5	2	1	1.0	0	1.0	1	10	11	14	10	9
Min.	2	1	1	.0	0	.2	1	0	2	2	2	2
A. F.	182	89	61	11.0	0	53.0	60	171	392	389	315	327

Total acre-feet 2066.

 CODY DILLON WASTE TO NORTH PLATTE CANAL WASTE
 Sec. 30-14-30 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	4	0	0
2	0	0	14	3	0	0
3	0	0	3	3	0	0
4	0	0	1	2	0	0
5	0	0	2	1	0	0
6	0	0	13	1	0	1
7	0	0	3	0	0	5
8	0	0	0	0	0	3
9	0	0	0	7	0	5
10	0	0	0	3	0	0
11	0	0	0	0	0	11
12	0	0	0	3	0	8
13	0	0	0	2	0	0
14	0	0	0	0	0	0
15	0	0	0	0	4	0
16	0	0	0	0	7	0
17	0	0	0	4	1	0
18	0	0	0	10	1	0
19	0	0	3	15	1	0
20	0	0	3	13	1	1
21	0	0	4	11	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	4	0	10
25	0	0	2	0	0	9
26	0	0	0	9	0	1
27	0	0	0	0	0	0
28	0	13	5	0	0	0
29	0	13	4	0	0	0
30	0	11	4	0	0	9
31	—	0	—	0	0	—
Mean	0	1.2	2	3	0.5	2.1
Max.	0	13.0	14	15	7.0	10.0
Min.	0	.0	0	0	.0	.0
A. F.	0	73.0	121	188	30.0	125.0

Total acre-feet 537.

*No record.

COLD WATER CREEK—Sec. 34-18-46 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	0.5	0.5	0.7	0.3	0.2	1.0	0.5	0.3	0.3	0.2
2	1	1	.5	.5	.9	.3	.2	1.0	.5	.3	.3	.2
3	1	1	.5	.5	1.1	.3	.2	1.0	.5	.3	.3	.2
4	1	1	.5	.5	1.3	.3	.2	1.0	.5	.3	.3	.2
5	1	1	.5	.5	1.2	.3	.2	1.0	.5	.3	.3	.2
6	1	1	.5	.5	1.1	.3	.2	.5	.5	.3	.3	1.0
7	1	1	.5	.5	1.2	.3	.2	.5	.5	.3	.3	5.0
8	1	1	.5	.5	1.0	.3	.2	.5	.5	.3	.3	5.0
9	1	1	.5	.5	.8	.3	.2	.5	.5	.3	.3	5.0
10	1	1	.5	.5	.6	.3	.2	.5	.5	.3	.3	5.0
11	1	1	.5	.5	.4	.3	.2	.5	.4	.3	.3	5.0
12	1	1	.5	.5	.4	.3	.2	.5	.4	.3	.3	4.0
13	1	1	.5	.5	.4	.3	.2	.5	.4	.3	10.0	4.0
14	1	1	.5	.5	.4	.3	.2	.5	.4	.3	1.0	4.0
15	1	1	.5	.5	.4	.3	.2	.5	.4	.3	1.0	4.0
16	1	1	.5	.5	.4	.3	.2	.5	.4	.3	1.0	4.0
17	1	1	.5	.5	.4	.3	.2	.5	.4	.3	2.0	1.0
18	1	1	.5	.5	.4	.3	.2	.5	.4	.3	3.0	4.0
19	1	1	.5	.5	.4	.3	.2	.5	.4	.3	3.0	4.0
20	1	1	.5	.5	.4	.3	.2	.5	.4	.3	3.0	1.0
21	1	1	.5	.5	.4	.3	.3	.5	.3	.3	.2	3.0
22	1	1	.5	.5	.4	.3	.3	.5	.3	.3	.2	3.0
23	1	1	.5	.5	.4	.3	.3	.5	.3	.3	.2	3.0
24	1	1	.5	.5	.4	.3	.3	.5	.3	.3	.2	3.0
25	1	1	.5	.5	.4	.3	.3	.5	.3	.3	.2	3.0
26	1	1	.5	.5	.4	.3	.3	.5	.3	.3	.2	4.0
27	1	1	.5	.5	.4	.3	.4	.5	.3	.3	.2	3.0
28	1	1	.5	.5	.4	.3	1.0	.5	.3	.3	.2	4.0
29	1	1	.5	.5	—	.3	1.0	.5	.3	.3	.2	5.0
30	1	1	.5	.5	—	.3	1.0	.5	.3	.3	.2	3.0
31	1	—	.5	.5	—	.3	—	.5	—	.3	.2	—
Mean	1	1	0.5	0.5	0.6	0.3	0.3	0.6	0.4	0.3	1.0	3.0
Max.	1	1	.5	.5	1.3	.3	1.0	1.0	.5	.3	10.0	5.0
Min.	1	1	.5	.5	.4	.3	.2	.5	.3	.3	.2	.2
A. F.	61	60	31.0	31.0	34.0	15.0	15.0	36.0	24.0	15.0	59.0	180.0

Total acre-feet 570.

DAWSON COUNTY DRAIN—Sec. 25-10-23 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	3	3	3	2	2	3	3	3	4	4	1
2	0	3	3	3	2	2	3	3	5	4	4	1
3	0	3	3	3	2	2	3	3	3	4	3	1
4	0	3	3	3	2	2	3	3	3	4	3	2
5	0	3	3	3	2	2	3	3	4	4	1	1
6	0	3	3	3	2	2	3	3	3	4	3	1
7	0	3	3	3	2	2	3	3	3	3	3	1
8	0	3	3	3	2	2	3	3	3	3	3	1
9	0	3	3	3	2	2	3	3	4	3	3	1
10	0	3	3	3	2	2	3	3	4	3	3	1
11	1	3	3	3	2	2	3	3	3	3	3	1
12	1	3	3	3	2	2	3	3	4	3	3	1
13	1	3	3	3	2	2	3	3	4	3	3	1
14	1	3	3	3	2	2	3	3	4	3	3	1
15	1	3	3	3	2	2	3	3	4	3	3	1
16	1	3	3	3	2	2	3	3	4	3	3	1
17	1	3	3	3	2	2	3	3	4	3	3	1
18	1	3	3	3	2	2	3	3	6	3	3	1
19	1	3	3	3	2	2	3	3	4	3	3	1
20	1	3	3	3	2	2	3	3	4	3	3	1
21	1	3	3	3	2	2	3	3	4	3	3	1
22	1	3	3	3	2	2	3	3	4	3	3	1
23	1	3	3	3	2	2	3	3	4	3	3	1
24	1	3	3	3	2	2	3	3	4	4	3	1
25	1	3	3	3	2	2	3	3	4	3	3	1
26	1	3	3	3	2	2	3	3	6	15	3	1
27	1	3	3	3	2	2	3	3	4	4	3	1
28	1	3	3	3	2	2	3	3	4	4	3	1
29	1	3	3	3	2	2	3	3	4	3	3	0
30	1	3	3	3	—	—	3	3	4	3	4	0
31	1	—	3	3	—	—	3	3	—	4	4	1
Mean	2	3	3	3	2	2	3	4	4	3	2	1
Max.	3	3	3	3	2	2	3	6	15	4	4	2
Min.	0	3	3	3	2	2	2	3	3	3	0	1
A. F.	97	178	184	133	111	145	173	230	222	202	127	87

Total acre-feet 1889.

DAWSON COUNTY WASTE TO BUFFALO CREEK—Sec. 35-11-22 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	2	1	0	0	0
2	*	*	*	*	*	*	*	2	1	0	0	0
3	*	*	*	*	*	*	*	2	1	0	0	0
4	*	*	*	*	*	*	*	2	1	0	0	0
5	*	*	*	*	*	*	*	2	1	0	0	0
6	*	*	*	*	*	*	*	2	1	0	2	2
7	*	*	*	*	*	*	*	2	1	0	2	1
8	*	*	*	*	*	*	*	2	1	0	2	2
9	*	*	*	*	*	*	*	2	1	0	0	4
10	*	*	*	*	*	*	*	2	1	0	0	4
11	*	*	*	*	*	*	*	2	1	0	0	2
12	*	*	*	*	*	*	*	2	1	0	0	4
13	*	*	*	*	*	*	*	2	1	0	0	4
14	*	*	*	*	*	*	*	2	1	0	0	3
15	*	*	*	*	*	*	*	1	1	0	0	3
16	*	*	*	*	*	*	*	1	1	0	0	3
17	*	*	*	*	*	*	*	1	1	0	0	3
18	*	*	*	*	*	*	*	2	2	0	0	2
19	*	*	*	*	*	*	*	2	2	0	0	2
20	*	*	*	*	*	*	*	1	1	0	0	2
21	*	*	*	*	*	*	*	1	1	0	0	4
22	*	*	*	*	*	*	*	2	1	0	0	2
23	*	*	*	*	*	*	*	1	1	0	0	2
24	*	*	*	*	*	*	*	1	1	0	0	1
25	*	*	*	*	*	*	*	0	0	2	2	1
26	*	*	*	*	*	*	*	0	0	3	0	1
27	*	*	*	*	*	*	*	1	5	0	0	1
28	*	*	*	*	*	*	*	1	0	0	0	1
29	*	*	*	*	*	*	*	1	0	0	0	1
30	*	*	*	*	*	*	*	1	2	0	0	1
31	*	*	*	*	*	*	*	1	1	0	0	1
Mean	*	*	*	*	*	*	*	0	0	0	2	—
Max.	*	*	*	*	*	*	*	0.6	1.6	1.5	0.2	1.8
Min.	*	*	*	*	*	*	*	2.0	2.0	5.0	3.0	4.0
A. F.	*	*	*	*	*	*	*	1.0	.0	.0	.0	.0
Total acre-feet	361.											

*No record.

DAWSON COUNTY WASTE INTO ELM CREEK—Sec. 13-9-19 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	4	0	2	0	2
2	*	*	*	*	*	*	*	5	8	0	5	1
3	*	*	*	*	*	*	*	5	13	0	4	0
4	*	*	*	*	*	*	*	8	13	0	0	0
5	*	*	*	*	*	*	*	8	13	0	0	0
6	*	*	*	*	*	*	*	8	12	0	0	0
7	*	*	*	*	*	*	*	8	13	0	0	0
8	*	*	*	*	*	*	*	8	10	0	0	0
9	*	*	*	*	*	*	*	8	11	0	0	0
10	*	*	*	*	*	*	*	9	10	0	0	0
11	*	*	*	*	*	*	*	8	11	0	0	0
12	*	*	*	*	*	*	*	7	10	0	1	0
13	*	*	*	*	*	*	*	7	11	0	0	0
14	*	*	*	*	*	*	*	8	10	0	1	0
15	*	*	*	*	*	*	*	3	10	0	0	0
16	*	*	*	*	*	*	*	4	14	0	0	0
17	*	*	*	*	*	*	*	0	10	0	0	0
18	*	*	*	*	*	*	*	5	11	0	0	0
19	*	*	*	*	*	*	*	5	10	0	0	0
20	*	*	*	*	*	*	*	1	2	4	0	0
21	*	*	*	*	*	*	*	1	0	9	0	0
22	*	*	*	*	*	*	*	0	6	7	0	0
23	*	*	*	*	*	*	*	0	2	3	0	0
24	*	*	*	*	*	*	*	0	0	8	0	0
25	*	*	*	*	*	*	*	0	0	7	0	0
26	*	*	*	*	*	*	*	5	8	44	0	0
27	*	*	*	*	*	*	*	3	10	12	8	0
28	*	*	*	*	*	*	*	3	11	9	0	0
29	*	*	*	*	*	*	*	2	9	12	0	0
30	*	*	*	*	*	*	*	3	10	10	0	0
31	*	*	*	*	*	*	*	3	3	—	0	0
Mean	*	*	*	*	*	*	*	0.6	6	10	0.3	0.3
Max.	*	*	*	*	*	*	*	5.0	11	44	8.0	5.0
Min.	*	*	*	*	*	*	*	.0	0	0	.0	.0
A. F.	*	*	*	*	*	*	*	36.0	355	644	20.0	22.0
Total acre-feet	1083.											

*No record.

DAWSON COUNTY WASTE INTO FRENCH CREEK—Sec. 1-10-22 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	0	0	2	11
2	*	*	*	*	*	*	*	13	52	0	0	10
3	*	*	*	*	*	*	*	7	24	0	0	0
4	*	*	*	*	*	*	*	10	0	0	2	0
5	*	*	*	*	*	*	*	10	18	0	2	5
6	*	*	*	*	*	*	*	8	14	0	2	9
7	*	*	*	*	*	*	*	2	0	0	0	3
8	*	*	*	*	*	*	*	1	0	0	2	9
9	*	*	*	*	*	*	*	2	0	0	0	2
10	*	*	*	*	*	*	*	29	0	0	0	15
11	*	*	*	*	*	*	*	14	3	0	0	7
12	*	*	*	*	*	*	*	22	2	0	0	12
13	*	*	*	*	*	*	*	18	1	0	0	1
14	*	*	*	*	*	*	*	25	0	0	0	1
15	*	*	*	*	*	*	*	5	3	0	0	14
16	*	*	*	*	*	*	*	0	12	0	0	12
17	*	*	*	*	*	*	*	6	19	0	0	1
18	*	*	*	*	*	*	*	2	16	0	0	1
19	*	*	*	*	*	*	*	0	0	0	0	2
20	*	*	*	*	*	*	*	0	0	0	0	2
21	*	*	*	*	*	*	*	0	0	0	0	4
22	*	*	*	*	*	*	*	2	0	0	0	3
23	*	*	*	*	*	*	*	0	0	0	0	2
24	*	*	*	*	*	*	*	0	0	1	1	0
25	*	*	*	*	*	*	*	14	0	0	3	0
26	*	*	*	*	*	*	*	0	32	40	0	0
27	*	*	*	*	*	*	*	1	0	2	20	2
28	*	*	*	*	*	*	*	5	0	1	2	2
29	*	*	*	*	*	*	*	6	2	4	1	0
30	*	*	*	*	---	*	*	17	0	1	1	1
31	*	*	*	*	---	*	*	0	0	2	2	---
Mean	*	*	*	*	---	*	*	1.5	7	7	1	4
Max.	*	*	*	*	*	*	*	17.0	29	52	20	14
Min.	*	*	*	*	*	*	*	.0	0	0	.0	0
A. F.	*	*	*	*	*	*	*	89.0	414	422	59	26.0

Total acre-feet 1264.

*No record.

DeGRAW DRAIN—Sec. 24-20-51 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	4	3	4	1	8	4	2	3	1	3	5
2	3	4	3	4	1	9	4	3	3	1	3	5
3	3	4	3	4	1	9	4	3	3	1	3	4
4	3	4	4	4	1	9	4	4	4	1	3	4
5	3	4	4	4	1	8	4	4	4	1	3	4
6	3	4	4	4	3	8	4	4	4	1	3	4
7	3	4	4	4	3	8	4	4	4	1	3	4
8	3	4	4	4	3	7	4	4	4	1	3	4
9	3	4	4	4	3	7	4	4	4	2	3	4
10	3	4	4	4	3	6	4	4	4	2	3	4
11	3	4	4	4	3	6	4	4	4	2	4	4
12	3	4	4	4	3	6	4	4	4	2	4	4
13	3	4	4	4	3	5	4	4	4	2	4	4
14	3	4	4	4	3	5	4	4	4	2	4	4
15	3	4	4	4	3	5	4	4	4	2	4	4
16	3	4	4	4	3	5	4	4	4	2	4	4
17	3	4	4	4	3	5	4	4	4	2	4	5
18	3	4	4	4	4	4	4	4	4	3	5	5
19	3	4	4	4	4	4	4	4	4	3	5	5
20	3	4	4	4	4	4	4	4	4	3	5	6
21	4	4	4	4	5	4	4	4	4	3	5	6
22	4	4	4	4	5	4	4	4	4	3	5	6
23	4	4	4	4	5	4	4	4	4	3	5	7
24	4	4	4	4	6	4	4	4	4	3	5	7
25	4	4	4	4	6	4	4	4	4	3	5	7
26	4	4	4	4	6	4	4	4	4	3	5	7
27	4	4	4	1	7	4	4	4	4	3	5	6
28	4	4	4	1	7	4	4	4	4	3	5	6
29	4	3	4	1	---	4	4	4	4	3	5	6
30	4	3	4	1	---	4	4	4	1	3	5	6
31	4	---	4	1	---	4	4	4	---	3	5	---
Mean	3	4	4	4	3	6	4	4	4	3	4	5
Max.	4	4	4	4	7	9	4	4	4	4	5	7
Min.	3	3	3	1	1	4	2	2	1	1	3	4
A. F.	206	294	240	145	192	339	180	129	169	109	256	301

Total acre-feet 2500.

Note:—Includes discharge of Camp Clark Seep.

DUGOUT CREEK, LOWER—Sec. 20-19-48 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	0	1	2	3
2	*	*	*	*	*	*	*	0	0	1	2	3
3	*	*	*	*	*	*	*	0	0	0	2	3
4	*	*	*	*	*	*	*	0	0	0	2	4
5	*	*	*	*	*	*	*	0	0	0	0	4
6	*	*	*	*	*	*	*	0	0	1	0	2
7	*	*	*	*	*	*	*	0	0	1	0	1
8	*	*	*	*	*	*	*	0	0	1	0	0
9	*	*	*	*	*	*	*	0	0	1	0	0
10	*	*	*	*	*	*	*	0	0	1	0	0
11	*	*	*	*	*	*	*	0	0	0	0	0
12	*	*	*	*	*	*	*	0	0	1	0	0
13	*	*	*	*	*	*	*	0	0	1	0	0
14	*	*	*	*	*	*	*	0	1	1	0	0
15	*	*	*	*	*	*	*	0	5	1	0	0
16	*	*	*	*	*	*	*	0	4	1	0	0
17	*	*	*	*	*	*	*	0	3	1	0	1
18	*	*	*	*	*	*	*	0	0	0	0	2
19	*	*	*	*	*	*	*	0	0	0	0	2
20	*	*	*	*	*	*	*	0	0	1	0	2
21	*	*	*	*	*	*	*	0	0	1	0	1
22	*	*	*	*	*	*	*	0	3	0	0	1
23	*	*	*	*	*	*	*	0	2	0	0	1
24	*	*	*	*	*	*	*	0	2	0	0	2
25	*	*	*	*	*	*	*	0	0	0	0	3
26	*	*	*	*	*	*	*	0	0	0	0	3
27	*	*	*	*	*	*	*	0	0	0	0	4
28	*	*	*	*	*	*	*	0	0	0	0	5
29	*	*	*	*	*	*	*	0	0	0	0	4
30	*	*	*	*	---	*	0	0	0	0	3	4
31	*	---	*	*	---	*	0	0	0	0	3	---
Mean	*	*	*	*	*	*	0	0	0.9	0.5	0.5	1.8
Max.	*	*	*	*	*	*	0	0	5.0	1.0	3.0	5.0
Min.	*	*	*	*	*	*	0	0	.0	.0	.0	.0
A. F.	*	*	*	*	*	*	0	0	56.0	30.0	28.0	109.0

Total acre-feet 223.

*No record.

DUGOUT CREEK, UPPER—Sec. 20-20-50 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	2	2	1	1	1	1	0	9	2	3	5
2	3	2	2	1	1	1	1	0	12	2	4	5
3	3	2	2	1	1	1	1	0	2	2	6	6
4	3	1	1	1	1	1	1	1	2	5	3	7
5	3	1	1	1	1	1	1	0	4	4	2	7
6	3	1	1	1	1	1	1	0	3	4	2	8
7	3	1	1	1	1	1	1	0	6	4	1	6
8	3	1	1	1	1	1	1	0	2	2	2	5
9	3	2	2	1	1	1	1	0	5	2	1	7
10	3	2	2	1	1	1	1	1	22	2	2	7
11	3	2	2	1	1	1	1	1	18	1	3	5
12	3	2	2	1	1	1	1	1	15	2	4	5
13	3	2	2	1	1	1	1	1	2	2	5	5
14	3	2	2	1	1	1	1	1	18	3	4	6
15	3	2	2	1	1	1	1	1	8	3	3	6
16	3	2	2	1	1	1	1	1	3	3	3	5
17	3	2	2	1	1	1	1	1	10	6	3	7
18	3	2	2	1	1	1	1	1	1	6	4	6
19	3	2	2	1	1	1	1	1	10	5	4	9
20	3	2	2	1	1	1	1	1	8	8	3	9
21	3	2	2	1	1	1	0	1	2	3	3	9
22	3	2	2	1	1	1	0	9	4	3	2	10
23	3	2	2	1	1	1	0	10	0	3	6	11
24	3	2	2	1	1	1	0	3	0	3	7	11
25	3	2	2	1	1	1	0	1	0	3	5	11
26	3	2	2	1	1	1	0	17	1	2	5	10
27	2	2	2	1	1	1	0	19	0	3	5	11
28	2	2	2	1	1	1	1	0	1	3	5	10
29	2	2	2	1	---	1	0	0	2	4	5	10
30	2	2	2	1	---	1	1	0	1	5	5	10
31	2	2	2	1	---	1	---	8	---	14	6	---
Mean	3	2	2	1	1	1	1	3	6	4	4	7
Max.	3	2	2	1	1	1	1	19	22	14	7	11
Min.	2	2	2	1	1	1	0	0	0	1	1	5
A. F.	175	119	107	61	56	61	44	159	339	226	230	434

Total acre-feet 2011.

ELKHORN RIVER AT NELIGH—Sec. 20-25-6 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	70	99	128	84	74	200	208	188	148	77	228	54
2	68	94	126	74	80	230	202	206	141	73	204	52
3	67	91	128	70	78	250	197	224	137	71	333	49
4	69	98	128	74	80	260	195	257	133	69	278	49
5	72	100	132	70	88	280	197	262	151	65	144	48
6	71	94	115	66	84	320	195	257	162	61	120	50
7	69	90	100	62	78	300	186	242	153	59	114	52
8	69	94	98	58	80	290	184	219	146	54	94	54
9	69	103	102	58	84	270	186	208	135	50	87	57
10	71	122	100	60	90	250	184	197	130	47	82	62
11	73	139	98	60	88	230	188	184	123	43	78	65
12	75	133	100	62	86	220	184	168	122	39	74	61
13	75	133	102	64	84	210	180	157	128	107	70	56
14	77	132	98	66	84	200	176	151	126	538	68	56
15	78	126	100	70	88	175	170	146	122	191	61	58
16	80	120	98	70	90	170	164	141	120	133	58	59
17	82	120	100	68	98	170	153	137	122	106	56	57
18	74	118	105	66	110	170	153	132	118	99	53	57
19	74	117	110	66	120	165	151	130	114	98	73	56
20	85	117	110	64	120	170	150	126	114	97	88	54
21	87	117	110	66	125	180	150	126	106	95	77	52
22	85	115	115	68	130	200	150	123	104	91	67	48
23	87	123	120	68	140	230	150	117	102	85	60	49
24	89	135	120	70	150	250	153	114	97	79	53	51
25	91	126	120	72	155	260	160	130	98	73	49	53
26	97	123	115	74	165	250	172	160	102	68	45	56
27	93	128	110	72	170	250	178	191	106	64	42	57
28	95	130	110	70	175	238	184	178	98	312	40	60
29	96	130	110	66	---	230	186	168	89	709	41	61
30	97	132	100	66	---	224	191	159	82	757	48	63
31	98	---	94	70	---	215	---	153	---	362	49	---
Mean	80	117	110	68	107	228	176	173	121	154	95	55
Max.	98	139	132	84	175	320	208	262	162	757	333	65
Min.	67	90	94	58	74	165	150	114	82	39	40	48
A.F.	4920	6940	6750	4150	5940	14000	10480	10610	7200	9460	5820	3280

Total acre-feet 89550.

ELKHORN RIVER AT WATERLOO—Sec. 10-15-10 E.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	320	280	316	240	225	960	830	1000	972	758	1220	240
2	306	276	320	220	220	1100	846	1020	1100	585	835	240
3	313	252	304	215	215	1150	846	896	835	480	690	206
4	332	244	324	225	215	1200	813	906	690	430	665	196
5	340	236	292	210	215	1300	764	1030	640	380	625	189
6	358	236	284	200	220	1500	715	901	747	349	565	183
7	300	224	255	200	220	1370	725	852	857	320	480	180
8	296	156	250	200	225	1370	732	802	630	300	452	177
9	228	165	270	200	230	1270	705	752	610	276	426	174
10	213	228	255	221	230	1160	685	720	580	252	385	171
11	213	288	250	220	220	1100	655	700	540	244	344	165
12	213	324	255	220	220	1060	620	670	535	240	320	159
13	206	376	265	215	230	1020	600	625	1340	236	300	156
14	206	332	245	220	230	928	585	595	1800	248	308	153
15	213	328	260	220	235	852	559	570	1640	945	276	150
16	217	320	255	210	235	818	525	565	1040	1360	244	148
17	224	312	265	215	240	802	515	540	1130	752	220	145
18	232	308	280	215	275	774	515	525	1000	690	220	145
19	344	296	309	210	450	774	515	500	868	1140	276	145
20	378	292	310	215	580	752	545	480	1550	685	1350	145
21	210	292	325	230	600	715	510	480	2350	645	2050	136
22	306	296	340	230	620	747	495	462	1840	439	1180	131
23	217	285	350	230	660	802	490	444	1230	349	857	134
24	228	288	355	230	700	1050	510	434	835	312	962	150
25	244	272	360	230	740	1420	555	421	736	296	852	1740
26	252	272	350	230	780	1290	590	1460	675	284	525	1160
27	256	280	330	230	790	1010	610	828	675	585	408	1600
28	256	300	325	230	820	978	610	736	1640	515	398	1160
29	254	336	335	230	---	928	695	1700	1140	457	344	846
30	260	332	265	230	---	890	747	1800	752	1350	272	560
31	268	---	250	230	---	846	---	1220	---	1800	244	---
Mean	335	281	295	220	387	1030	637	796	1033	571	590	369
Max.	358	376	360	240	820	1500	846	1800	2350	1800	2050	1740
Min.	206	150	245	200	215	715	490	421	535	236	220	131
A.F.	14470	16710	18130	13530	21500	63340	37880	48940	61440	35110	36280	21880

Total acre-feet 389300.

ELM CREEK—Sec. 33-9-18 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	2	24	8	35	0	0
2	0	0	0	0	0	0	2	21	8	13	0	0
3	0	0	0	0	0	0	0	24	13	5	0	80
4	0	0	0	0	0	0	1	27	33	1	0	90
5	0	3	0	0	0	0	1	26	80	0	0	90
6	0	0	0	0	0	0	1	26	41	0	0	70
7	0	0	0	0	0	0	1	25	24	0	0	14
8	0	0	0	0	0	0	1	25	18	0	0	3
9	0	0	0	0	0	0	1	28	19	0	0	1
10	0	0	0	0	0	0	2	28	20	0	0	0
11	0	0	0	0	0	0	0	19	16	0	0	0
12	0	2	0	0	0	0	3	20	22	0	0	0
13	0	1	1	0	0	0	3	18	19	0	0	0
14	0	1	1	0	0	0	4	17	17	0	0	0
15	0	1	0	0	0	1	4	18	12	0	0	0
16	0	1	0	0	0	1	4	17	90	0	0	0
17	0	1	0	0	0	1	4	17	40	0	0	0
18	0	0	0	0	0	2	5	12	19	0	0	0
19	0	0	0	0	0	2	5	11	20	0	0	0
20	0	0	0	0	0	3	8	7	90	0	0	0
21	0	0	0	0	0	3	5	10	46	0	0	0
22	0	0	0	0	0	4	5	5	32	0	0	0
23	0	0	0	0	0	4	15	4	26	0	0	0
24	0	0	0	0	0	4	13	2	15	38	0	0
25	0	0	0	0	0	4	29	6	18	12	0	0
26	0	0	0	0	0	4	24	29	90	2	0	0
27	0	0	1	0	0	3	27	59	80	0	0	0
28	0	0	1	0	0	3	26	48	35	0	0	0
29	0	0	0	0	---	3	21	29	65	0	0	0
30	0	0	0	0	---	2	21	21	43	0	0	0
31	0	---	0	0	---	2	19	19	---	0	0	---
Mean	0	1	1	0	0	2	8	20	35	3	0	12
Max.	0	3	2	0	0	4	29	59	90	38	0	90
Min.	0	0	0	0	0	0	1	2	8	0	0	0
A. F.	0	44	56	0	0	91	482	1273	2101	210	0	690

Total acre-feet 4948.

ENTERPRISE CANAL WASTE INTO TUB SPRINGS—Sec. 32-23-55 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	81	4	17	2
2	0	0	0	0	0	0	0	0	67	8	3	1
3	0	0	0	0	0	0	0	0	46	17	1	1
4	0	0	0	0	0	0	0	0	78	48	1	19
5	0	0	0	0	0	0	0	0	66	24	1	32
6	0	0	0	0	0	0	0	0	59	17	1	68
7	0	0	0	0	0	0	0	0	47	13	1	51
8	0	0	0	0	0	0	0	0	49	12	1	49
9	0	0	0	0	0	0	0	0	51	3	1	62
10	0	0	0	0	0	0	0	0	53	14	1	70
11	0	0	0	0	0	0	0	0	44	8	1	62
12	0	0	0	0	0	0	0	0	39	11	1	63
13	0	0	0	0	0	0	0	0	41	5	1	54
14	0	0	0	0	0	0	0	0	29	2	1	53
15	0	0	0	0	0	0	0	0	24	24	1	60
16	0	0	0	0	0	0	0	0	12	28	1	59
17	0	0	0	0	0	0	0	0	12	19	1	65
18	0	0	0	0	0	0	0	0	1	32	2	50
19	0	0	0	0	0	0	0	0	1	16	9	49
20	0	0	0	0	0	0	0	3	15	10	10	34
21	0	0	0	0	0	0	0	2	19	4	3	34
22	0	0	0	0	0	0	0	2	2	3	19	33
23	0	0	0	0	0	0	0	7	2	3	10	35
24	0	0	0	0	0	0	0	4	2	13	1	45
25	0	0	0	0	0	0	0	3	19	6	1	69
26	0	0	0	0	0	0	0	4	39	31	1	77
27	0	0	0	0	0	0	0	2	31	11	11	85
28	0	0	0	0	0	0	0	6	15	3	9	81
29	0	0	0	0	---	0	0	12	4	1	15	81
30	0	0	0	0	---	0	0	75	3	1	8	81
31	0	---	0	0	---	0	---	52	---	5	1	---
Mean	0	0	0	0	0	0	0	6	32	13	4	51
Max.	0	0	0	0	0	0	0	75	81	48	19	85
Min.	0	0	0	0	0	0	0	0	1	1	1	1
A. F.	0	0	0	0	0	0	0	341	1886	805	268	3025

Total acre-feet 6325.

ENTERPRISE CANAL WASTE INTO WINTERS CREEK
 Sec 17-22-54 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	15	19	8	12
2	0	0	0	0	0	0	0	0	13	16	4	11
3	0	0	0	0	0	0	0	0	27	27	14	21
4	0	0	0	0	0	0	0	0	21	10	20	25
5	0	0	0	0	0	0	0	0	16	12	10	25
6	0	0	0	0	0	0	0	0	27	5	2	23
7	0	0	0	0	0	0	0	0	9	5	1	34
8	0	0	0	0	0	0	0	0	13	3	2	31
9	0	0	0	0	0	0	0	0	17	6	1	20
10	0	0	0	0	0	0	0	0	20	8	1	20
11	0	0	0	0	0	0	0	0	14	7	7	17
12	0	0	0	0	0	0	0	0	10	13	1	9
13	0	0	0	0	0	0	0	0	13	15	1	11
14	0	0	0	0	0	0	0	0	12	16	1	13
15	0	0	0	0	0	0	0	0	20	19	3	21
16	0	0	0	0	0	0	0	0	20	21	1	15
17	0	0	0	0	0	0	0	0	15	24	1	10
18	0	0	0	0	0	0	0	0	1	32	27	8
19	0	0	0	0	0	0	0	0	8	21	33	20
20	0	0	0	0	0	0	0	6	22	24	33	21
21	0	0	0	0	0	0	0	1	6	13	40	10
22	0	0	0	0	0	0	0	0	5	9	33	5
23	0	0	0	0	0	0	0	1	7	18	9	10
24	0	0	0	0	0	0	0	1	29	30	4	14
25	0	0	0	0	0	0	0	5	21	27	8	12
26	0	0	0	0	0	0	0	7	21	26	4	9
27	0	0	0	0	0	0	0	10	35	10	10	12
28	0	0	0	0	0	0	0	1	16	17	14	10
29	0	0	0	0	---	0	0	2	12	24	29	12
30	0	0	0	0	---	0	0	23	12	0	13	13
31	0	---	0	0	---	0	---	21	---	1	9	---
Mean	0	0	0	0	0	0	0	3	16	15	11	16
Max.	0	0	0	0	0	0	0	23	35	32	40	34
Min.	0	0	0	0	0	0	0	0	1	0	1	8
A. F.	0	0	0	0	0	0	0	155	946	948	682	940

Total acre-feet 3671.

FAIRFIELD SEEP—Sec. 18-21-53 W.
 Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	0	0	0	0	1	1	0	0	1	4	1
2	1	0	0	0	0	1	1	0	0	1	4	1
3	1	0	0	0	0	1	1	0	0	1	4	1
4	1	0	0	0	0	1	1	0	0	1	4	1
5	1	0	0	0	0	1	1	0	0	2	4	1
6	1	0	0	0	0	1	1	0	1	2	4	1
7	1	0	0	0	0	1	1	0	1	2	4	1
8	1	0	0	0	0	1	1	0	1	2	3	1
9	1	0	0	0	0	1	1	0	1	3	3	1
10	1	0	0	0	0	1	1	0	1	3	3	1
11	1	0	0	0	0	1	1	0	1	3	3	1
12	1	0	0	0	0	1	1	0	1	4	2	1
13	1	0	0	0	0	1	1	0	1	4	2	1
14	1	0	0	0	0	1	1	0	1	4	2	1
15	1	0	0	0	0	1	1	0	1	4	2	1
16	0	0	0	0	0	1	1	0	1	4	2	1
17	0	0	0	0	0	1	1	0	1	4	1	1
18	0	0	0	0	0	1	1	0	1	4	1	1
19	0	0	0	0	0	1	0	0	1	4	1	1
20	0	0	0	0	0	1	0	0	1	4	1	1
21	0	0	0	0	0	1	0	0	1	4	1	1
22	0	0	0	0	1	1	0	0	1	4	1	1
23	0	0	0	0	1	1	0	0	1	4	1	1
24	0	0	0	0	1	1	0	0	1	4	1	1
25	0	0	0	0	1	1	0	0	1	4	1	1
26	0	0	0	0	1	1	0	0	1	4	1	2
27	0	0	0	0	1	1	0	0	1	4	1	2
28	0	0	0	0	1	1	0	0	1	4	1	2
29	0	0	0	0	---	1	0	0	1	4	1	2
30	0	0	0	0	---	1	0	0	1	4	1	2
31	0	---	0	0	---	1	0	---	---	4	1	---
Mean	1	0	0	0	0.2	1	1	0	1	3	2	1
Max.	1	0	0	0	1.0	1	1	0	1	4	4	2
Min.	0	0	0	0	0	1	0	0	0	1	1	1
A. F.	30	0	0	0	14.0	61	36	0	50	200	129	69

Total acre-feet 589.

REPORT OF THE STATE ENGINEER

FANNING SEEP—Sec. 28-23-56 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1								1	6	3	0	5
2												0
3												5
4												5
5												5
6												6
7												6
8												6
9												6
10												6
11												6
12												6
13												5
14												5
15												5
16												5
17												5
18												5
19												5
20												5
21												4
22												4
23												4
24												4
25												4
26												4
27												4
28												5
29												5
30												5
31												5
Mean								5	5	0	5	5
Max.								5	5	3	5	5
Min.								1	3	0	0	5
A. F.	167	119	167	123	115	125	119	115	270	101	147	311

Total acre-feet 1879.

FRENCHMAN RIVER ABOVE CHAMPION—Sec. 19-6-39 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	24	17	21	36	36	36	17	13	26	15	38	28
2	24	18	20	38	34	39	16	13	74	15	34	28
3	22	17	17	30	32	27	16	14	57	16	33	28
4	22	18	18	34	30	20	17	13	24	15	22	18
5	26	18	18	38	33	13	17	12	20	15	18	13
6	40	18	18	36	36	14	20	13	26	15	18	14
7	26	18	18	38	36	14	20	14	26	15	18	14
8	18	18	18	34	40	18	20	14	36	18	18	22
9	18	20	20	33	38	20	20	15	51	36	18	40
10	18	18	28	32	36	16	20	28	48	34	20	32
11	18	17	34	32	38	14	21	100	45	28	28	24
12	18	22	16	32	36	14	21	34	42	20	32	15
13	20	26	16	32	34	14	21	21	40	20	45	15
14	20	18	16	32	34	14	20	20	40	20	40	16
15	20	18	16	32	36	14	17	18	46	21	22	16
16	20	20	16	33	34	14	16	18	45	22	32	14
17	20	20	16	34	36	14	16	17	46	20	28	14
18	20	20	16	36	38	14	16	18	39	9	22	14
19	20	20	16	58	36	22	15	18	26	11	26	14
20	21	20	16	42	36	21	14	18	16	13	36	16
21	21	21	17	38	38	18	14	18	16	17	24	17
22	21	21	17	40	36	17	14	18	15	15	24	17
23	21	21	17	44	36	18	14	18	15	10	24	17
24	20	22	16	38	36	28	14	16	14	10	26	17
25	18	24	16	36	36	33	14	18	15	10	24	17
26	18	26	16	36	36	21	13	36	15	10	26	18
27	18	24	17	34	34	22	14	36	14	9	22	18
28	17	22	16	34	34	22	14	45	13	11	28	18
29	17	21	16	34	34	22	14	21	13	21	28	18
30	17	21	18	36	—	21	14	18	14	24	30	18
31	16	—	38	36	—	21	17	18	—	39	28	—
Mean	21	20	19	36	36	30	17	22	31	18	27	19
Max.	40	26	38	58	40	36	21	100	74	39	45	40
Min.	16	17	16	30	30	13	13	13	13	9	18	12
A. F.	1270	1200	1160	2230	1970	1200	990	1380	1820	1100	1650	1130

Total acre-feet 17080.

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	37	26	30	15	46	48	32	22	23	21	42	38
2	35	37	39	11	48	41	26	19	92	25	39	38
3	35	19	29	26	49	40	37	19	66	30	40	38
4	35	32	38	44	53	45	19	19	38	26	37	38
5	37	28	29	52	48	24	30	21	32	29	28	26
6	44	40	26	38	48	25	27	18	24	24	33	39
7	38	26	35	49	48	24	35	24	35	28	26	18
8	42	26	24	38	52	32	28	14	29	22	19	29
9	32	34	33	42	47	31	23	19	52	35	30	44
10	37	31	26	44	42	32	30	84	49	47	24	45
11	30	35	51	53	47	27	26	99	58	41	31	43
12	39	28	38	48	49	24	38	55	47	47	38	28
13	30	34	29	42	46	27	21	32	27	25	42	39
14	38	30	40	49	38	24	25	27	46	38	64	21
15	33	37	27	43	39	28	28	26	54	29	34	28
16	33	44	38	41	42	26	24	29	50	36	41	32
17	32	32	37	47	39	25	30	36	44	38	47	23
18	28	31	34	56	37	23	24	25	45	24	38	24
19	30	40	32	48	46	38	37	30	35	23	38	24
20	34	39	28	43	45	45	30	30	24	45	41	26
21	39	36	41	53	45	45	23	35	25	26	44	24
22	27	27	41	53	41	48	41	25	16	30	38	28
23	28	37	45	53	45	25	33	29	28	24	41	37
24	33	33	55	46	42	40	22	25	19	23	41	34
25	29	28	58	59	45	42	17	28	28	20	40	21
26	33	24	61	45	44	30	29	36	23	27	45	26
27	38	41	35	50	41	29	14	37	24	24	42	31
28	27	30	34	50	41	32	22	37	34	22	34	31
29	35	32	38	49	48	34	14	41	17	19	38	29
30	25	38	27	48	---	34	16	19	28	29	46	28
31	42	---	30	48	---	32	---	31	---	45	32	---
Mean	34	32	36	44	45	32	26	32	37	31	38	31
Max.	44	44	61	59	53	48	38	99	92	76	64	45
Min.	25	19	24	11	37	23	14	14	16	19	19	18
A.F.	2100	1920	2210	2740	2500	1970	1530	1970	2210	1930	2330	1860

Total acre-feet 25270.

FRENCHMAN RIVER NEAR HAMLET—Sec. 19-5-34 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	78	82	90	86	90	107	89	80	84	79	73	68
2	80	82	83	75	95	106	87	81	87	76	78	78
3	81	81	89	65	100	108	92	81	93	71	81	85
4	67	80	92	75	105	109	88	89	97	71	83	179
5	73	76	95	80	110	111	80	81	109	68	78	89
6	78	83	90	80	115	115	88	84	110	68	76	84
7	69	83	94	80	110	115	86	84	108	64	72	85
8	72	82	100	75	105	116	83	88	104	64	66	78
9	75	76	87	70	105	118	84	84	103	64	68	85
10	76	80	88	80	115	120	78	92	102	69	66	81
11	77	79	87	90	115	111	89	92	101	63	70	75
12	77	84	89	90	120	116	82	102	104	61	75	75
13	78	89	89	95	120	116	88	178	100	64	79	70
14	72	86	90	95	120	119	87	132	99	65	76	60
15	73	84	94	95	120	123	82	98	270	61	78	60
16	80	84	91	90	120	116	80	98	560	66	76	60
17	83	82	87	90	124	115	88	91	162	164	80	65
18	83	83	91	85	120	117	83	92	143	164	67	65
19	73	85	90	85	114	109	77	88	127	96	83	60
20	79	86	87	80	110	112	88	85	120	95	76	60
21	76	85	88	75	108	104	79	75	116	165	77	60
22	76	85	84	75	108	106	81	83	112	98	72	63
23	79	80	84	76	110	104	75	78	108	135	72	64
24	81	85	84	75	107	102	76	70	103	109	76	72
25	81	86	88	80	111	103	82	76	96	100	69	72
26	80	85	89	80	111	112	79	76	93	88	77	76
27	80	86	87	85	111	98	79	79	90	84	76	79
28	77	86	87	85	111	95	72	75	87	77	72	79
29	76	86	88	85	---	84	85	76	84	80	75	80
30	78	88	84	85	---	88	78	76	82	78	76	80
31	81	---	84	90	---	88	---	76	---	74	80	---
Mean	77	83	89	82	111	108	83	88	125	87	75	76
Max.	83	89	100	95	124	123	92	178	560	165	83	179
Min.	67	76	83	65	90	84	72	70	82	61	66	60
A.F.	4740	4960	5400	5060	6170	6670	4930	5430	7450	5320	4610	4540

Total acre-feet 65340.

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	32	35	120	148	110	170	154	24	281	63	24	14
2	30	35	122	148	115	168	155	24	210	55	27	17
3	29	89	122	145	120	170	155	31	132	45	24	19
4	27	89	123	155	125	168	155	29	123	38	41	14
5	26	58	136	150	135	173	152	26	124	34	35	61
6	24	48	141	120	139	168	157	26	147	27	27	38
7	22	55	144	100	125	168	155	25	163	22	22	40
8	22	69	146	90	130	166	155	26	146	23	34	54
9	19	89	154	85	135	168	141	34	152	20	22	50
10	19	104	159	95	145	150	140	41	147	17	37	45
11	20	105	148	105	160	148	128	49	148	17	34	43
12	19	100	148	120	168	150	142	50	148	20	35	45
13	19	122	148	125	150	150	134	50	148	14	38	46
14	19	110	159	125	177	135	116	128	140	14	18	24
15	19	117	164	120	177	135	116	108	605	12	18	22
16	20	117	155	130	186	141	108	108	605	12	15	27
17	20	117	163	130	196	148	100	90	435	12	15	27
18	20	117	164	125	186	147	110	63	240	48	19	30
19	20	111	164	120	196	150	112	53	220	206	22	29
20	20	118	166	115	206	148	102	43	212	102	31	27
21	20	116	157	105	186	150	114	31	172	66	31	25
22	20	118	166	100	177	148	114	31	111	63	28	22
23	20	116	163	92	177	147	71	24	77	69	22	27
24	20	116	148	95	186	150	60	27	69	62	26	28
25	20	117	148	100	184	168	60	23	48	69	27	21
26	22	112	159	105	186	175	60	24	122	50	12	26
27	27	118	166	105	186	168	50	24	87	52	14	34
28	27	117	166	110	168	150	31	23	80	31	14	29
29	27	118	166	110	---	166	24	22	70	30	15	30
30	23	117	166	105	---	152	24	21	70	27	17	27
31	27	---	157	105	---	154	---	22	---	32	14	---
Mean	22	99	152	116	162	157	111	43	166	44	25	31
Max.	32	122	166	148	206	173	157	129	605	206	41	61
Min.	19	35	120	85	110	135	24	21	48	12	12	14
A.F.	1390	5890	9340	7130	9010	9650	6580	2620	9870	2710	1510	1860

Total acre-feet 67560.

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	21	40	21	18	17	15	20	21	34	28	44	33
2	21	36	21	19	17	16	20	22	28	28	59	35
3	21	37	20	18	17	16	20	23	26	28	60	33
4	21	38	20	18	17	15	19	22	29	28	46	38
5	21	27	19	18	17	16	18	22	53	30	56	38
6	21	27	19	16	17	16	19	22	79	27	44	48
7	22	27	19	15	16	16	20	22	53	28	32	85
8	21	27	20	16	16	16	19	23	44	26	32	52
9	20	25	19	17	16	16	19	24	48	26	29	56
10	21	25	18	17	16	17	19	24	50	26	29	51
11	21	24	18	17	16	17	37	44	53	32	30	50
12	22	24	19	17	16	17	36	44	28	37	29	48
13	21	23	18	17	16	17	20	46	46	32	28	48
14	46	23	19	17	16	17	17	53	29	30	27	46
15	47	23	19	17	16	18	18	44	24	31	38	46
16	38	23	19	17	16	18	17	37	24	34	44	42
17	33	23	20	17	16	17	18	30	24	35	30	48
18	29	20	19	17	16	17	18	22	38	37	63	46
19	29	20	18	17	16	17	18	22	30	38	41	52
20	29	21	19	16	16	17	19	22	34	35	37	46
21	30	20	19	15	15	16	19	23	47	29	40	41
22	30	20	19	17	15	17	19	23	41	22	44	42
23	30	20	19	17	15	17	21	22	31	27	46	42
24	30	20	19	17	16	15	20	22	27	27	29	41
25	29	23	18	17	16	19	21	23	30	31	33	44
26	30	23	19	16	16	19	20	26	33	30	33	50
27	31	23	19	17	16	19	22	23	34	28	32	50
28	31	23	18	17	16	19	21	22	42	28	34	59
29	32	20	18	17	---	20	21	22	36	30	44	58
30	31	21	18	17	---	20	21	48	31	31	41	43
31	31	---	18	16	---	21	---	26	---	38	29	---
Mean	28	35	19	17	16	17	20	28	38	30	40	47
Max.	47	40	21	19	17	21	37	53	79	38	63	85
Min.	20	20	18	15	15	15	17	21	24	22	27	33
A.F.	1710	1480	1170	1040	895	1060	1220	1740	2250	1860	2430	2800

Total acre-feet 19660.

GOTHENBURG POWER WASTE—Sec. 9-11-25 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	84	117	155	59	125	132	138	130	120	65	157	128
2	106	123	131	43	131	132	139	136	149	50	145	81
3	120	38	35	30	123	135	141	124	142	64	150	59
4	125	16	11	76	125	133	133	141	138	91	148	92
5	126	20	11	108	128	135	144	131	145	86	142	126
6	138	93	50	112	128	154	138	151	135	85	146	116
7	136	127	133	123	121	158	142	149	142	147	151	140
8	126	38	153	143	116	113	118	134	119	46	151	143
9	152	18	159	122	111	150	137	135	118	13	149	166
10	142	46	166	133	117	135	125	142	116	45	155	141
11	139	84	155	144	120	146	138	150	117	16	53	130
12	127	118	152	150	115	145	142	128	138	16	47	130
13	142	136	139	150	122	135	129	126	138	54	56	145
14	146	140	151	138	113	92	142	122	138	57	56	142
15	156	160	135	146	125	44	135	132	134	60	56	152
16	171	127	160	154	120	42	137	106	131	88	14	151
17	132	137	145	158	125	65	132	128	137	147	14	135
18	110	154	160	147	126	147	135	139	127	155	14	132
19	107	130	127	154	128	140	139	140	125	156	15	154
20	118	92	110	153	128	51	129	135	143	150	30	155
21	105	200	98	150	125	110	132	82	131	115	52	152
22	110	148	88	146	125	138	119	145	115	106	33	152
23	100	155	86	146	121	137	118	132	142	115	12	100
24	130	139	133	137	120	148	124	122	121	89	11	175
25	130	135	117	139	111	52	140	110	87	126	12	160
26	111	96	113	141	73	42	120	120	131	155	15	171
27	127	147	132	136	80	31	124	130	149	144	48	185
28	108	159	142	137	121	23	127	136	146	163	100	180
29	112	151	85	129	—	36	122	115	133	195	125	165
30	116	150	61	131	—	125	141	109	81	132	147	158
31	121	—	50	130	—	148	—	100	—	170	146	—
Mean	125	113	114	128	119	109	133	128	129	100	82	140
Max.	171	200	166	158	131	158	144	151	149	195	157	185
Min.	84	16	11	30	73	23	118	82	81	13	11	59
A. F.	7682	6732	7027	7864	6591	6692	7914	7894	7712	6151	5058	8362

Total acre-feet 85679.

GOTHENBURG WASTE INTO BUFFALO CREEK—Sec. 8-11-22 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	7	3	0	0
2	0	11	1	0	0
3	0	15	1	0	0
4	5	10	0	0	0
5	12	13	0	0	0
6	9	12	0	0	0
7	8	12	0	0	0
8	7	12	0	0	0
9	23	12	0	0	0
10	21	12	0	0	7
11	17	7	0	0	7
12	17	12	0	0	7
13	19	31	0	0	7
14	18	3	0	0	1
15	15	10	0	0	0
16	16	10	0	0	1
17	10	10	0	0	9
18	6	10	0	0	8
19	4	8	0	0	7
20	0	6	5	0	8
21	0	4	5	0	2
22	0	2	7	0	3
23	0	2	6	0	2
24	10	0	4	0	6
25	7	0	0	0	7
26	6	0	0	0	7
27	0	0	0	0	1
28	0	0	1	0	2
29	0	4	1	0	7
30	—	.	0	4	0	0	6
31	7	—	0	0	—
Mean	0.6	7	7	0.2	3
Max.	10.0	23	15	3.0	9
Min.0	0	0	.0	0
A. F.	46.0	468	448	10.0	208

Total acre-feet 1180.

*No record.

GRAVEL CREEK—Sec. 9-14-36 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	3	3	2	4	3	2	3	3	2	3	3
2	3	3	3	2	4	3	2	3	3	2	3	3
3	3	3	3	2	4	3	2	3	3	2	3	3
4	3	3	3	2	5	3	2	3	3	2	3	3
5	3	3	3	2	5	3	2	3	3	2	3	3
6	3	3	3	2	5	3	2	3	3	2	3	3
7	3	3	3	2	5	3	2	3	3	2	3	3
8	3	3	3	2	4	3	2	3	3	2	3	3
9	3	3	3	2	4	3	2	3	3	2	3	3
10	3	4	3	2	4	3	2	3	3	2	3	3
11	3	4	3	2	4	3	2	3	3	2	3	3
12	3	4	3	2	4	3	2	3	3	2	3	3
13	3	4	3	2	4	3	2	3	3	2	3	3
14	3	4	3	2	4	3	2	3	3	2	3	3
15	3	4	3	2	4	3	2	3	3	2	3	3
16	3	4	3	2	4	3	2	3	3	2	3	3
17	3	4	3	2	4	3	2	3	3	2	3	3
18	3	4	3	2	4	3	2	3	3	2	3	3
19	3	4	3	2	4	3	2	3	3	2	3	3
20	3	3	3	3	4	3	3	3	3	3	3	3
21	3	3	3	3	4	3	3	3	3	3	3	3
22	3	3	3	3	4	3	3	3	3	3	3	3
23	3	3	3	3	4	3	3	3	3	3	3	3
24	3	3	3	3	4	3	3	3	3	3	3	3
25	3	3	3	3	4	3	3	3	3	3	3	3
26	3	2	2	3	3	3	3	3	3	3	3	3
27	3	2	2	3	3	3	3	3	3	3	3	3
28	3	2	2	3	3	3	3	3	3	3	3	3
29	3	2	2	3	3	3	3	3	3	3	3	3
30	3	2	2	4	---	3	3	3	3	3	3	3
31	3	---	2	4	---	3	3	3	3	3	3	3
Mean	3	3	3	3	4	3	3	3	3	3	3	3
Max.	3	4	4	4	5	3	3	3	3	3	3	3
Min.	3	2	2	2	3	2	2	3	2	2	2	3
A. F.	184	186	123	143	224	169	151	184	129	123	165	178

Total acre-feet 1959.

HORSE CREEK NEAR LYMAN—Sec. 25-23-58 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	32	26	14	12	7	9	19	7	165	69	68	59
2	33	25	14	12	8	19	17	8	79	43	114	63
3	33	36	12	12	8	23	16	8	63	38	91	65
4	38	25	17	11	9	8	12	9	54	35	89	65
5	33	28	12	11	9	19	11	9	131	45	60	62
6	37	25	12	10	9	14	11	8	162	47	60	77
7	36	26	14	10	8	19	11	14	90	49	47	104
8	33	22	13	8	7	15	21	14	48	34	47	67
9	32	19	12	8	7	14	23	13	38	30	47	57
10	29	21	17	9	8	15	19	12	34	31	47	59
11	31	22	15	9	8	12	14	11	32	31	48	69
12	31	16	14	10	8	12	10	11	31	59	46	72
13	29	16	9	10	12	7	8	11	65	267	49	60
14	29	22	15	8	11	6	9	12	65	262	48	80
15	30	15	16	9	10	18	7	13	35	265	47	68
16	27	17	15	8	9	16	8	12	29	223	47	68
17	28	19	16	8	10	13	8	13	22	215	51	67
18	25	15	10	8	12	11	8	12	19	308	61	75
19	27	17	19	8	12	16	6	11	20	162	48	86
20	24	12	12	7	12	14	6	10	43	118	46	103
21	28	14	16	6	10	12	7	45	45	74	44	129
22	32	14	16	3	9	12	6	25	59	53	52	126
23	31	14	14	4	9	10	8	12	45	53	57	98
24	28	14	14	5	10	9	6	13	57	63	58	113
25	30	14	15	6	10	9	6	25	36	61	56	116
26	29	14	13	6	8	9	6	17	98	58	55	135
27	27	15	11	6	8	10	6	12	120	51	57	151
28	29	14	13	6	8	12	10	12	124	54	61	148
29	29	11	12	6	---	21	7	15	115	46	64	166
30	28	18	10	7	---	28	7	81	105	41	60	372
31	29	---	12	8	---	22	---	82	---	63	60	---
Mean	30	19	14	8	9	14	10	18	68	95	58	96
Max.	38	36	19	12	12	28	23	82	165	308	114	372
Min.	24	11	9	3	7	6	6	7	19	30	44	57
A. F.	1860	1120	841	498	507	860	624	1100	4020	5850	3540	5910

Total acre-feet 26730.

INDIAN CREEK—Sec. 19-20-50 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	3	4	3	3	3	3	3	13	7	8	9
2	8	3	4	3	3	3	3	3	11	6	8	8
3	6	3	4	2	3	3	3	3	6	4	5	8
4	6	3	4	2	3	3	3	3	8	4	4	8
5	6	3	4	2	3	3	3	3	6	4	5	10
6	6	3	4	2	3	3	3	3	4	4	4	10
7	6	3	4	2	3	3	3	3	4	4	5	9
8	6	3	4	1	3	3	3	3	3	4	4	9
9	6	3	4	1	3	3	3	3	8	6	4	9
10	6	3	4	1	3	3	3	3	3	6	11	9
11	6	3	4	1	3	3	3	3	3	7	9	9
12	6	3	4	1	3	3	3	3	3	8	8	10
13	6	3	4	1	3	3	3	3	3	10	9	7
14	6	3	4	1	3	3	3	3	3	6	5	6
15	5	3	4	1	3	3	3	3	3	6	5	6
16	5	3	4	1	3	3	3	3	4	7	7	7
17	5	3	4	1	3	3	3	3	3	3	7	8
18	5	3	4	1	3	3	3	3	3	5	7	12
19	5	3	4	1	3	3	3	3	3	6	6	15
20	5	3	4	1	3	3	3	3	3	4	6	12
21	5	3	4	1	3	3	3	3	3	8	7	13
22	5	3	4	1	3	3	3	3	10	6	7	10
23	4	3	4	2	3	3	3	3	5	3	9	9
24	4	3	4	2	3	3	3	3	3	7	9	8
25	4	3	4	2	3	3	3	3	3	4	9	8
26	4	3	4	2	3	3	3	3	5	3	10	11
27	4	3	4	2	3	3	3	3	6	5	3	12
28	4	3	3	3	3	3	3	3	3	4	5	12
29	4	3	3	3	3	3	3	3	3	4	3	12
30	4	3	3	3	---	3	3	3	5	6	6	12
31	4	---	3	3	---	3	3	---	7	---	6	12
Mean	5	3	4	3	3	3	3	3	4	5	8	10
Max.	10	3	4	3	3	3	3	10	13	10	12	15
Min.	4	3	3	1	3	3	3	2	2	3	4	6
A. F.	329	179	238	105	167	184	143	188	262	331	466	569

Total acre-feet 3161.

 KEARNEY POWER WASTE—Sec. 12-8-16 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19	32
20	67
21	48
22	45
23	43
24	13
25	0
26	0
27	0
28	0
29	0
30	---	0
31	.	---	.	.	---	.	.	---	.	.	.	0
Mean
Max.
Min.
A. F.	492

Total acre-feet 492.

*No record.

KEITH LINCOLN COUNTY WASTE—Sec. 23-14-34 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept
1	0	0	0	0	0	0	0	5	6	0	5	0
2	0	0	0	0	0	0	0	5	5	1	2	0
3	0	0	0	0	0	0	0	3	7	1	3	0
4	0	0	0	0	0	0	0	2	12	5	3	4
5	0	0	0	0	0	0	0	1	27	1	0	25
6	0	0	0	0	0	0	0	2	28	1	0	12
7	0	0	0	0	0	0	0	1	12	0	2	9
8	0	0	0	0	0	0	0	1	0	0	2	7
9	0	0	0	0	0	0	0	1	12	1	0	17
10	0	0	0	0	0	0	0	1	20	0	0	32
11	0	0	0	0	0	0	0	1	11	0	0	3
12	0	0	0	0	0	0	0	0	9	0	0	2
13	0	0	0	0	0	0	0	0	12	0	0	1
14	0	0	0	0	0	0	0	0	6	0	0	1
15	0	0	0	0	0	0	0	0	6	0	0	1
16	0	0	0	0	0	0	0	0	17	0	0	1
17	0	0	0	0	0	0	0	0	12	1	0	1
18	0	0	0	0	0	0	0	0	11	0	0	5
19	0	0	0	0	0	0	0	0	11	0	0	12
20	0	0	0	0	0	0	0	0	4	0	0	7
21	0	0	0	0	0	0	0	0	3	0	0	2
22	0	0	0	0	0	0	0	0	0	1	0	2
23	0	0	0	0	0	0	0	0	0	0	1	2
24	0	0	0	0	0	0	0	0	2	0	1	2
25	0	0	0	0	0	0	0	8	1	0	1	3
26	0	0	0	0	0	0	0	0	1	0	1	5
27	0	0	0	0	0	0	0	0	0	0	1	3
28	0	0	0	0	0	0	0	0	0	1	0	3
29	0	0	0	0	---	0	7	0	0	1	0	3
30	0	0	0	0	---	0	18	0	0	1	0	5
31	0	---	0	0	---	0	---	5	---	1	1	---
Mean	0	0	0	0	0	0	0.8	1.2	7	0.5	0.7	6
Max.	0	0	0	0	0	0	18.0	8.0	28	5.0	5.0	32
Min.	0	0	0	0	0	0	.0	.0	0	.0	.0	0
A. F.	0	0	0	0	0	0	50.0	71.0	466	32.0	46.0	337

Total acre-feet 1002.

 LANE DRAIN—Sec. 30-23-57 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0.0	1	1	0.9	0.5	0.4	0.3	0.5	6	2	5	6
2	.0	1	1	.9	.5	.4	.3	.5	6	2	5	6
3	.0	1	1	.8	.5	.4	.3	.5	6	2	5	6
4	.0	1	1	.8	.5	.4	.3	.5	6	2	5	6
5	.0	1	1	.7	.5	.4	.3	.5	6	2	5	6
6	.0	1	1	.7	.5	.4	.3	.5	6	2	5	6
7	.0	1	1	.6	.5	.4	.3	1.0	6	5	5	6
8	.0	1	1	.6	.5	.4	.3	1.0	5	5	5	6
9	.0	1	1	.5	.5	.4	.3	1.0	5	5	5	6
10	.0	1	1	.5	.5	.4	.3	1.0	5	5	5	6
11	.0	1	1	.5	.5	.4	.3	1.0	5	5	5	6
12	.0	1	1	.5	.5	.4	.3	2.0	4	4	5	6
13	.0	1	1	.5	.5	.4	.4	2.0	4	4	5	6
14	.0	1	1	.5	.5	.4	.4	2.0	4	4	5	6
15	.0	1	1	.5	.5	.4	.4	2.0	4	4	5	6
16	.5	1	1	.5	.5	.4	.4	2.0	4	4	5	6
17	.5	1	1	.5	.5	.4	.4	3.0	4	3	5	7
18	.5	1	1	.5	.5	.4	.4	3.0	3	3	6	7
19	.5	1	1	.5	.5	.4	.4	3.0	3	3	6	7
20	.5	1	1	.5	.5	.4	.4	3.0	3	4	6	7
21	.5	1	1	.5	.5	.4	.4	3.0	3	4	6	7
22	.5	1	1	.5	.5	.4	.4	4.0	3	4	6	7
23	.5	1	1	.5	.5	.4	.4	4.0	3	4	6	7
24	.5	1	1	.5	.5	.4	.4	4.0	2	4	6	8
25	.5	1	1	.5	.5	.4	.4	4.0	2	4	6	7
26	.5	1	1	.5	.4	.4	.4	4.0	2	5	6	7
27	.5	1	1	.5	.4	.4	.4	5.0	2	5	6	7
28	.5	1	1	.5	.4	.4	.5	5.0	2	5	6	6
29	.5	1	1	.5	---	.4	.5	5.0	2	6	6	6
30	.5	1	1	.5	---	.4	.5	5.0	2	6	6	6
31	.5	---	1	.5	---	.4	---	5.0	---	5	6	---
Mean	0.3	1	1	0.6	0.5	0.4	0.4	2.5	4	3	5	6
Max.	.5	1	1	.9	.5	.4	.5	5.0	6	6	6	8
Min.	.0	1	1	.5	.4	.4	.3	.5	2	2	5	6
A. F.	16.0	60	61	35.0	27.0	25.0	22.0	155.0	234	192	335	381

Total acre-feet 1543.

LEWELLEN DRAIN—Sec. 28-16-42 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	1	1	1	1	1	0	1	1	1	1
2	1	1	1	1	1	1	1	0	1	1	1	1
3	1	1	1	1	1	1	1	0	1	1	1	1
4	1	1	1	1	1	1	1	0	1	1	1	1
5	1	1	1	1	1	1	1	0	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	0	1	1	1	1	1
12	1	1	1	1	1	1	0	1	1	1	1	1
13	1	1	1	1	1	1	0	1	1	1	1	1
14	1	1	1	1	1	1	0	1	1	1	1	1
15	1	1	1	1	1	1	0	1	1	1	1	1
16	1	1	1	1	1	1	0	1	1	1	1	1
17	1	1	1	2	1	1	0	1	1	1	1	1
18	1	1	1	2	1	1	0	1	1	1	1	1
19	1	1	1	2	1	1	0	1	1	1	1	1
20	1	1	1	2	1	1	0	1	1	1	1	1
21	1	1	1	2	1	1	0	1	1	1	1	1
22	1	1	1	1	1	1	0	1	1	1	1	1
23	1	1	1	1	1	1	0	1	1	1	1	1
24	1	1	1	1	1	1	0	1	1	1	1	1
25	1	1	1	1	1	1	0	1	1	1	4	1
26	1	1	1	1	1	1	0	1	1	1	2	1
27	1	1	1	1	1	1	0	1	1	1	1	1
28	1	1	1	1	1	1	0	1	1	1	1	1
29	1	1	1	1	1	1	0	1	1	1	1	1
30	1	1	1	1	1	1	0	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1
Mean	1	1	1	1	1	1	0.2	0.9	1	1	1	1
Max.	1	1	1	2	1	1	1.0	1.0	1	1	4	1
Min.	1	1	1	1	1	1	.0	.0	1	1	1	1
A. F.	61	60	61	71	56	61	20.0	52.0	59	61	69	60

Total acre-feet 691.

LINCOLN COUNTY DRAIN NO. 1—Sec. 30-14-30 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	73	55	47	39	33	38	35	36	61	48	53	55
2	77	54	47	39	33	38	35	37	70	48	53	55
3	80	54	47	39	32	37	35	38	66	51	53	52
4	75	54	46	39	32	37	35	40	62	51	56	56
5	75	54	46	39	31	36	35	41	62	56	58	61
6	70	53	45	39	31	36	34	43	60	59	59	62
7	65	53	45	39	30	35	34	45	59	51	57	67
8	60	53	44	39	30	35	34	47	54	49	58	76
9	60	53	44	39	29	35	34	47	53	51	59	71
10	60	52	43	39	30	35	34	49	54	52	55	63
11	60	52	43	39	31	35	33	50	53	62	52	60
12	60	52	42	39	32	35	33	49	53	49	51	59
13	60	52	42	39	33	35	33	50	52	52	50	61
14	60	51	41	39	34	35	33	50	52	46	48	58
15	60	51	41	39	35	35	33	52	54	53	48	55
16	60	51	40	39	35	35	32	57	54	50	46	55
17	59	51	40	39	36	35	32	54	55	61	46	58
18	59	50	39	39	36	35	32	56	54	52	49	57
19	58	50	39	39	37	36	32	56	54	56	50	54
20	58	50	39	39	37	36	32	56	53	58	52	53
21	58	50	39	39	38	36	32	54	53	57	53	60
22	57	49	39	38	38	36	31	60	50	50	54	63
23	57	49	39	38	39	36	32	66	50	54	53	68
24	57	49	39	37	39	36	34	57	47	55	49	67
25	56	49	39	37	40	36	33	56	46	52	49	69
26	56	48	39	36	40	36	34	56	48	56	51	67
27	56	48	39	36	40	36	33	59	60	52	51	69
28	56	48	39	35	39	36	35	56	57	53	51	69
29	55	48	39	35	—	36	35	57	53	54	55	67
30	55	47	39	34	—	36	36	55	51	53	59	62
31	55	—	39	34	—	36	—	55	—	55	59	—
Mean	61	51	42	38	35	36	34	51	55	53	53	62
Max.	80	55	47	39	40	38	36	66	70	59	59	76
Min.	55	47	39	34	29	35	31	36	46	46	46	52
A. F.	3783	2035	2557	2329	1924	2202	1993	3142	3273	3265	3247	3667

Total acre-feet 34427.

LINCOLN COUNTY DRAIN NO. 2—Sec. 12-14-33 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	2	6	4	4	3	3	2	3	3	4	3
2	3	2	6	4	4	3	3	2	3	3	4	3
3	3	2	6	4	4	3	3	2	3	3	4	3
4	3	2	6	4	4	3	3	2	3	3	4	3
5	3	2	6	4	4	3	3	2	3	3	4	3
6	3	2	5	4	3	3	3	2	3	3	4	3
7	3	2	5	4	3	3	3	2	3	3	4	3
8	3	2	5	4	3	3	3	2	3	3	4	3
9	3	2	5	4	3	3	3	2	3	3	4	3
10	3	2	5	4	3	3	3	2	3	3	4	3
11	3	2	5	4	3	3	3	2	3	3	4	3
12	3	2	5	4	3	3	3	2	3	3	4	3
13	3	2	5	4	3	3	3	2	3	3	4	3
14	3	2	5	4	3	3	3	2	3	3	4	3
15	3	2	5	4	3	3	3	2	3	3	4	3
16	3	2	5	4	3	3	3	2	3	3	4	3
17	3	2	5	4	3	3	3	2	3	3	4	3
18	3	2	5	4	3	3	3	2	3	3	4	3
19	3	2	5	4	3	3	3	2	3	3	4	3
20	3	2	5	4	3	3	3	2	3	3	4	3
21	3	2	5	4	3	3	3	2	3	3	4	3
22	3	2	5	4	3	3	3	2	3	3	4	3
23	3	2	5	4	3	3	3	2	3	3	4	3
24	3	2	4	4	3	3	3	2	3	3	4	3
25	3	2	4	4	3	3	3	2	3	3	4	3
26	3	2	5	4	4	3	3	2	3	3	4	3
27	3	2	4	4	3	3	3	2	3	3	4	3
28	3	2	4	4	3	3	3	2	3	3	4	3
29	3	2	4	4	---	3	3	2	3	3	4	3
30	3	2	4	4	---	3	3	2	3	3	4	3
31	3	2	4	4	---	3	3	2	3	3	4	3
Mean	3	3	5	4	3	3	3	3	3	3	3	3
Max.	3	5	6	4	4	3	3	3	5	4	4	3
Min.	3	2	4	4	3	3	2	2	3	3	3	3
A. F.	180	179	301	246	173	184	149	167	194	210	212	179

Total acre-feet 2375.

LODGEPOLE CREEK AT BUSHNELL—Sec. 33-15-57 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	8	13	14	10	7	14	20	12	12	6	8	5
2	8	12	13	8	8	17	19	12	67	12	8	5
3	8	12	11	7	8	16	17	11	23	10	8	5
4	7	12	13	10	8	16	17	12	15	8	8	6
5	7	14	13	11	9	17	16	12	14	8	8	8
6	8	15	11	10	10	17	16	12	13	7	8	8
7	9	13	12	10	10	17	16	12	12	6	8	8
8	9	12	13	10	9	15	16	12	11	6	8	8
9	9	14	14	10	9	16	16	12	15	6	5	8
10	9	14	13	10	9	17	15	12	14	6	5	8
11	9	14	12	10	10	17	15	12	12	5	5	8
12	9	15	13	10	10	17	13	11	10	90	6	8
13	9	14	12	10	12	15	13	11	9	135	5	9
14	9	15	14	10	14	11	13	11	9	62	5	9
15	7	15	14	10	14	15	13	11	9	39	5	9
16	8	14	14	10	13	20	13	11	9	26	6	9
17	8	14	15	10	13	19	13	10	9	20	10	9
18	9	14	13	9	13	18	14	11	8	18	115	9
19	9	14	13	10	13	19	14	10	8	16	17	9
20	9	14	15	6	14	17	13	10	7	15	13	9
21	10	13	15	3	10	18	13	10	7	14	12	9
22	10	14	15	5	13	18	12	10	6	12	10	9
23	11	11	15	6	14	17	13	10	6	12	10	9
24	11	12	13	6	15	10	13	10	6	11	9	9
25	11	10	13	6	14	3	13	10	7	10	6	9
26	12	12	14	7	6	4	13	11	8	10	4	9
27	12	13	12	7	13	9	13	11	8	10	4	9
28	12	13	12	8	15	15	14	10	7	9	9	9
29	13	13	14	8	---	18	13	9	8	8	9	9
30	13	13	13	8	---	24	13	10	6	8	4	9
31	13	---	13	8	---	25	---	11	---	8	4	---
Mean	9	13	13	8	11	16	14	11	12	20	11	8
Max.	13	15	15	11	15	25	20	12	67	135	115	9
Min.	7	10	11	3	6	3	12	9	6	5	4	5
A. F.	583	789	815	515	617	973	857	671	706	1220	677	481

Total acre-feet 8900.

LODGEPOLE CREEK BELOW OLIVER RESERVOIR—Sec. 31-15-56 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1.1	*	*	*	*	*	*	*	3.1	3.8	4.0	2.0
2	1.3	*	*	*	*	*	*	*	1.4	3.8	5.9	2.1
3	1.2	*	*	*	*	*	*	*	1.5	3.9	4.2	2.1
4	1.2	*	*	*	*	*	*	*	2.9	3.9	3.8	2.2
5	1.3	*	*	*	*	*	*	*	3.1	4.0	3.6	2.1
6	1.2	*	*	*	*	*	*	*	3.0	2.0	3.5	2.1
7	1.2	*	*	*	*	*	*	*	2.9	2.0	3.5	2.1
8	1.2	*	*	*	*	*	*	*	1.5	2.4	3.5	2.2
9	1.2	*	*	*	*	*	*	*	1.6	2.4	3.3	1.9
10	1.2	*	*	*	*	*	*	*	1.7	3.6	3.1	1.7
11	*	*	*	*	*	*	*	*	1.8	4.0	2.8	1.6
12	*	*	*	*	*	*	*	*	1.9	4.0	2.9	1.6
13	*	*	*	*	*	*	*	*	1.9	4.4	2.0	1.7
14	*	*	*	*	*	*	*	*	1.8	4.1	2.0	1.7
15	*	*	*	*	*	*	*	*	1.9	4.2	2.0	1.7
16	*	*	*	*	*	*	*	*	2.0	4.4	2.3	1.7
17	*	*	*	*	*	*	*	*	2.0	4.2	2.4	1.7
18	*	*	*	*	*	*	*	*	1.8	4.3	2.5	1.8
19	*	*	*	*	*	*	*	*	2.1	4.4	2.3	1.8
20	*	*	*	*	*	*	*	*	2.3	4.4	2.8	1.8
21	*	*	*	*	*	*	*	*	2.2	4.6	2.6	3.0
22	*	*	*	*	*	*	*	1.0	2.3	4.6	2.5	1.8
23	*	*	*	*	*	*	*	1.0	2.9	4.6	2.5	2.1
24	*	*	*	*	*	*	*	1.9	3.8	4.6	2.4	2.0
25	*	*	*	*	*	*	*	2.0	3.8	4.5	2.1	1.6
26	*	*	*	*	*	*	*	2.0	4.0	4.5	2.1	1.6
27	*	*	*	*	*	*	*	2.0	3.8	5.3	1.9	1.6
28	*	*	*	*	*	*	*	2.2	3.6	5.0	2.0	1.6
29	*	*	*	*	*	*	*	1.0	3.8	6.0	1.9	1.6
30	*	*	*	*	---	*	*	1.8	3.8	5.7	1.9	1.6
31	*	*	*	*	---	*	*	1.8	---	5.0	1.9	---
Mean	*	---	*	*	*	*	---	*	2.5	4.1	2.8	1.8
Max.	*	*	*	*	*	*	*	*	4.0	4.6	5.9	3.0
Min.	*	*	*	*	*	*	*	*	1.5	2.0	1.9	1.6
A. F.	160	160	170	170	1200	1260	1140	1180	151	255	171	111

Total acre-feet 1748.

*No record.

†Estimated.

 LONERGAN CREEK—Sec. 19-15-39 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	8	6	6	6	8	5	2	1	3	5	0
2	0	8	6	6	6	8	5	2	1	6	6	0
3	0	8	6	6	6	9	5	0	1	7	6	3
4	0	8	6	6	6	9	5	0	1	5	6	7
5	0	8	6	6	6	9	5	0	1	1	6	7
6	0	8	6	6	6	10	1	0	1	1	6	4
7	0	8	5	6	6	10	1	0	0	1	6	8
8	0	8	5	6	6	10	1	1	0	3	6	5
9	0	8	5	6	6	10	1	1	1	6	6	4
10	0	8	5	6	6	10	1	1	1	6	4	3
11	0	8	5	6	6	9	1	1	10	6	3	3
12	0	8	5	6	6	9	1	0	1	6	3	3
13	0	8	5	6	6	9	1	0	1	6	3	3
14	0	8	5	6	6	9	1	0	1	6	5	3
15	0	8	5	6	6	8	1	0	2	6	5	4
16	0	8	5	6	6	8	1	0	2	6	3	4
17	0	8	5	6	6	8	1	0	9	6	4	4
18	0	8	5	6	6	8	1	0	1	6	2	4
19	0	8	5	7	6	7	1	0	1	6	3	4
20	1	8	5	7	6	7	1	0	1	6	3	4
21	7	8	5	7	6	7	1	0	0	6	0	4
22	7	8	5	6	6	7	1	0	0	6	0	4
23	7	8	5	6	6	6	1	1	0	3	2	4
24	7	7	5	6	7	6	1	0	0	7	0	4
25	7	7	5	6	7	6	1	1	0	6	7	4
26	7	7	5	6	7	6	1	2	0	6	5	5
27	7	7	5	6	7	5	1	1	0	5	5	5
28	7	7	5	6	8	5	1	1	0	5	2	0
29	7	7	5	6	---	5	1	0	0	5	2	0
30	7	7	5	6	---	5	1	0	0	5	2	0
31	7	---	5	6	---	5	---	1	---	5	0	---
Mean	2.5	---	5	6	6	8	1.7	0.5	---	5	4	4
Max.	7.0	8	6	7	8	10	5.0	2.0	10.0	7	7	8
Min.	0	7	5	6	6	5	1.0	0	0	1	0	0
A. F.	155.0	462	319	369	345	472	99.0	30.0	73.0	313	230	212

Total acre-feet 3079.

LOST CREEK—Sec. 1-16-44 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	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	1	0	0	0	0	0	0
5	0	0	0	0	0	1	0	0	0	0	0	0
6	0	0	0	0	0	1	0	0	0	0	0	0
7	0	0	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0	0	0	0
9	0	0	0	0	0	1	0	0	0	0	0	0
10	0	0	0	0	0	1	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	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	1
24	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	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	1	0	0	0	0	0
30	0	0	0	0	---	0	1	0	0	0	0	0
31	0	---	0	0	---	0	0	0	---	0	0	---
Mean	0	0	0	0	0	0.2	0.1	0	0	0	0	0.1
Max.	0	0	0	0	0	1.0	1.0	0	0	0	0	1.0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A. F.	0	0	0	0	0	12.0	6.0	0	0	0	0	8.0

Total acre-feet 26.

LOUP RIVER NEAR COLUMBUS—Highway Bridge on West Line of
Sec. 30-17-1 E.

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1830	2140	2020	450	1410	7200	2400	2680	2250	2460	3230	1530
2	1770	2170	2170	410	1420	8050	2520	2420	2880	2020	1970	1690
3	1800	1950	2220	360	1480	8500	2810	2620	4440	1910	1240	1530
4	2080	1640	2170	320	1500	8350	3000	3000	3160	1560	1150	1300
5	1770	1380	1480	280	1500	8200	2900	2970	5430	1500	1910	5390
6	1610	1300	1200	220	1510	8150	2900	2940	4640	1500	2080	3500
7	1660	1360	925	200	1520	8100	2940	2490	3640	1430	2170	2560
8	1770	1450	1330	210	1530	8050	2200	2940	2490	1640	1330	3130
9	1940	1500	1330	220	1530	8200	2220	3070	2250	1530	1280	2490
10	1560	1860	1260	230	1570	8350	2400	2870	2200	1430	1150	2340
11	1610	2340	1480	260	1600	7400	2170	2520	2110	1210	1040	9820
12	1770	2370	1750	265	1630	6700	2080	2400	1940	1080	900	3610
13	1860	2170	1860	280	1650	5390	2020	2200	4090	8520	676	2520
14	1720	2250	2310	290	1690	4980	2520	2590	2080	3300	724	1970
15	1770	2250	2880	300	1720	2900	2490	2370	1750	1260	707	2000
16	1800	2460	2900	410	1880	3000	2080	2020	1640	1170	620	1940
17	2000	2620	2620	520	2000	3160	1910	1880	2370	1100	724	1860
18	2050	2400	2460	630	2150	3640	1660	1970	3940	1130	826	2050
19	2110	2460	2470	584	2310	3300	2050	1970	3000	3030	634	1910
20	2020	2460	2550	590	2420	3400	1940	1800	1690	5630	1690	1720
21	2000	2250	2750	610	2550	3400	1690	1640	1640	3300	2050	1750
22	2110	2280	2920	650	2580	3540	1690	1750	1750	1800	1300	1260
23	2810	2250	3070	730	2720	3360	2110	1880	1660	1360	1280	1210
24	2080	2310	3220	880	3040	3750	2220	2340	1660	1300	1150	1190
25	2020	2110	3300	1100	3500	3470	2080	2370	1660	1170	1190	3230
26	2170	2400	3200	1330	4450	3610	1860	2490	7330	1300	1080	2430
27	2430	2370	2780	1440	5400	3360	1750	6910	13700	1210	1080	1830
28	2250	2340	2220	1400	6100	2900	1860	3470	4440	1020	1080	1190
29	2250	2020	1510	1380	-----	2710	2000	2940	3830	1040	1280	1480
30	2200	2280	1030	1390	-----	2520	2220	2740	3000	4560	1660	1560
31	2250	-----	730	1400	-----	2520	-----	2560	-----	2810	1460	-----
Mean	1970	2132	2132	624	2299	5166	2223	2607	3282	2106	1312	2383
Max.	2810	2620	3300	1440	6100	8500	3000	6910	13700	8520	3230	9820
Min.	1560	1300	730	200	1410	2520	1660	1640	1640	1020	620	1190
A. F.	121100	125200	131100	38360	127700	317700	132300	160300	195300	129500	80650	141800

Total acre-feet 1701000.

LOUP RIVER, MIDDLE, AT SARGENT—Sec. 1-19-20 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	•	•	•	700	700	958	804	793	793	725	595	683
2	•	•	•	670	720	980	910	793	804	714	532	672
3	•	•	•	630	740	1000	946	1030	804	692	574	705
4	•	•	•	792	680	760	1030	816	1080	829	747	670
5	•	•	•	770	710	800	1050	816	1010	827	681	648
6	•	•	•	700	690	825	1060	850	922	512	648	862
7	•	•	•	620	570	830	1070	839	946	605	626	553
8	•	•	•	670	620	820	1000	839	958	725	637	596
9	•	•	•	700	700	800	990	827	970	616	637	522
10	•	•	•	730	780	790	980	886	994	714	681	532
11	•	•	•	780	790	840	980	782	922	770	670	543
12	•	•	•	800	805	880	970	910	816	850	670	617
13	•	•	•	820	820	923	862	850	770	816	725	774
14	•	•	•	820	810	980	1020	770	804	714	850	649
15	•	•	•	830	800	1020	982	770	862	648	862	628
16	•	•	•	840	790	1080	1030	793	850	703	827	543
17	•	•	•	830	770	1140	1020	839	874	703	816	532
18	•	•	•	840	757	1130	1060	816	793	796	850	649
19	•	•	•	850	730	1120	1020	714	736	648	759	672
20	•	•	•	860	690	1100	1070	886	747	605	759	705
21	•	•	•	890	670	980	1060	934	692	648	793	649
22	•	•	•	920	660	960	1100	862	793	616	647	694
23	•	•	•	980	660	960	1070	910	703	605	770	672
24	•	•	•	1000	650	940	1020	994	714	584	714	660
25	•	•	•	1020	630	920	1100	725	681	681	690	649
26	•	•	•	1000	640	920	934	886	714	839	637	728
27	•	•	•	940	650	940	898	898	770	759	703	786
28	•	•	•	862	650	940	934	922	681	747	703	660
29	•	•	•	820	660	—	970	1020	648	736	725	672
30	•	•	•	770	670	—	782	934	747	681	736	906
31	•	•	•	730	690	—	793	—	793	—	703	774
Mean	•	•	•	828	701	913	994	858	826	711	722	653
Max.	•	•	•	1020	820	1140	1100	1020	1080	850	862	906
Min.	•	•	•	620	570	700	782	714	648	512	626	522
A. F.	•	•	•	45980	43120	50690	61120	51070	50790	42300	44420	40180

Total acre-feet 475600.

*No record.

LOUP RIVER, MIDDLE, NEAR COMSTOCK—Sec. 6-17-16 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	•	•	•	600	700	900	1170	908	706	660	•	•
2	•	•	•	570	720	876	1200	791	881	593	•	•
3	•	•	•	600	760	930	1200	960	728	660	•	•
4	•	•	•	630	790	1000	1030	1040	830	694	•	•
5	•	•	•	670	800	1200	817	960	1000	717	•	•
6	•	•	•	660	810	1220	753	868	740	614	•	•
7	•	•	•	590	820	1240	855	894	706	648	•	•
8	•	•	•	580	800	1280	706	881	728	636	•	•
9	•	•	•	620	790	1300	717	842	728	660	•	•
10	•	•	•	680	700	790	1260	636	830	740	648	•
11	•	•	•	720	700	820	1200	740	830	804	625	•
12	•	•	•	750	790	870	1140	881	728	778	625	•
13	•	•	•	790	800	910	1080	791	625	842	648	•
14	•	•	•	770	820	950	1000	908	582	778	740	•
15	•	•	•	810	800	1000	1050	908	660	766	778	•
16	•	•	•	850	780	1080	1000	894	694	881	717	•
17	•	•	•	880	770	1150	971	908	753	830	636	•
18	•	•	•	890	740	1120	950	791	804	842	804	•
19	•	•	•	910	720	1060	934	830	830	791	817	•
20	•	•	•	920	700	1000	1380	960	804	694	791	•
21	•	•	•	930	680	950	947	921	778	682	766	•
22	•	•	•	940	660	910	894	894	778	671	728	•
23	•	•	•	1000	640	870	934	974	614	660	766	•
24	•	•	•	1080	630	900	1070	934	660	660	766	•
25	•	•	•	1100	620	930	1170	1040	817	682	791	•
26	•	•	•	980	610	950	1270	908	1010	868	682	•
27	•	•	•	900	592	970	1220	894	855	817	694	•
28	•	•	•	810	600	930	934	974	830	694	694	•
29	•	•	•	780	620	—	987	934	842	660	706	•
30	•	•	•	700	650	—	960	830	817	625	717	•
31	•	•	•	640	680	—	1100	—	778	—	694	•
Mean	•	•	•	856	672	898	1077	900	808	760	700	•
Max.	•	•	•	1100	820	1150	1380	1200	1040	1000	817	•
Min.	•	•	•	640	570	700	876	636	582	625	593	•
A. F.	•	•	•	37350	41300	49840	66240	53550	49710	45250	43070	•

Total acre-feet 386310.

*No record.

LOUP RIVER, MIDDLE, AT ARCADIA—Sec. 26-21-16 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	740	674	733
2	720	674	674
3	733	759	634
4	699	632	1620
5	690	858	914
6	616	733	990
7	616	768	812
8	584	682	768
9	553	674	990
10	539	674	886
11	640	640	750
12	648	648	707
13	759	742	734
14	786	724	716
15	830	608	733
16	716	608	777
17	674	640	734
18	1170	699	682
19	759	699	690
20	803	830	674
21	768	768	632
22	674	699	634
23	904	690	699
24	786	624	707
25	716	632	707
26	657	690	657
27	657	759	665
28	616	777	665
29	---	724	665	674
30	---	821	840	616
31	.	---	.	.	---	.	---	.	---	682	794	---
Mean	719	707	761
Max.	1170	858	1620
Min.	539	608	616
A. F.	44190	43450	45290

Total acre-feet 132900.

*No record.

LOUP RIVER, MIDDLE, AT LOUP CITY—Sec. 14-15-15 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	.	.	.	680	670	980	1230	858	834	630	610	786
2	.	.	.	640	740	976	1200	858	1250	630	590	738
3	.	.	.	600	740	1000	858	786	906	714	1950	738
4	.	.	.	620	760	1030	1090	810	1910	714	650	2140
5	.	.	.	640	780	1060	1170	858	1840	714	810	1500
6	.	.	.	600	790	1110	882	906	858	690	858	1410
7	.	.	.	560	800	1110	957	1090	610	590	738	930
8	.	.	.	560	780	1100	1230	1120	650	510	690	906
9	.	.	.	580	790	1080	882	882	1010	530	738	1260
10	.	.	530	660	800	1060	1010	1040	762	530	590	1260
11	.	.	680	740	850	1040	762	1040	738	590	550	882
12	.	.	800	760	900	1020	930	1010	714	690	610	762
13	.	.	830	780	950	1120	882	906	670	762	610	738
14	.	.	860	785	1030	1230	834	690	650	786	738	810
15	.	.	890	780	1090	1380	690	690	610	1040	610	786
16	.	.	900	770	1120	1150	762	738	930	882	590	858
17	.	.	920	780	1130	1570	1090	858	690	738	550	834
18	.	.	940	720	1180	1170	1170	610	630	882	650	714
19	.	.	960	680	1140	882	930	714	786	1290	714	810
20	.	.	980	650	1100	1260	810	906	714	786	738	762
21	.	.	1000	640	1060	1120	650	786	670	786	762	858
22	.	.	1020	630	980	1260	882	1150	670	714	650	810
23	.	.	1060	620	990	1230	930	738	670	690	690	810
24	.	.	1090	630	970	1200	1440	786	670	786	670	762
25	.	.	1120	620	940	1350	1150	714	630	786	650	834
26	.	.	1100	630	960	882	1060	1530	1120	630	610	714
27	.	.	910	650	980	858	957	882	1410	630	714	738
28	.	.	880	660	970	930	930	882	984	630	690	690
29	.	.	840	660	---	1060	1120	714	738	610	550	690
30	.	.	790	680	---	1170	834	786	738	1290	906	650
31	.	---	710	670	---	1260	---	786	---	738	1150	---
Mean	.	.	900	667	928	1118	977	875	872	742	730	906
Max.	.	.	1120	785	1180	1570	1440	1530	1910	1290	1950	2140
Min.	.	.	530	550	670	858	650	610	610	510	550	650
A. F.	.	.	39290	40990	51550	68720	58160	53800	51890	45600	44880	53910

Total acre-feet 508800.

*No record.

LOUP RIVER, MIDDLE, AND BOELUS POWER CANAL,
COMBINED FLOW, AT BOELUS.

Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	.	.	.	720	690	1950	747	896	804	630	465	748
2	.	.	.	440	700	2100	844	1160	1010	630	587	630
3	.	.	.	270	720	2400	1010	1340	812	644	917	615
4	.	.	.	280	720	2700	944	1390	863	608	825	920
5	.	.	.	190	730	3000	654	1010	3140	634	613	2060
6	.	.	.	160	740	3250	703	831	1680	626	833	758
7	.	.	52	140	740	3500	946	844	806	587	623	1100
8	.	.	200	130	740	3350	974	829	719	553	517	858
9	.	.	320	120	750	2500	962	739	951	541	688	843
10	.	.	450	130	770	1500	786	677	806	509	647	1730
11	.	.	730	140	780	1350	692	659	861	429	570	550
12	.	.	800	150	810	1230	717	729	920	565	585	756
13	.	.	860	170	840	1140	744	694	948	597	579	732
14	.	.	880	190	870	1400	861	576	750	664	586	669
15	.	.	900	210	900	1200	866	558	797	747	636	676
16	.	.	910	240	920	1320	661	589	920	806	587	663
17	.	.	910	290	940	955	875	684	924	648	523	687
18	.	.	920	320	960	1290	1150	602	668	407	560	675
19	.	.	930	340	1030	1080	852	592	668	4560	685	506
20	.	.	940	370	1080	1680	678	589	763	840	738	682
21	.	.	960	390	1120	1090	997	628	761	729	679	632
22	.	.	980	430	1190	1160	668	960	758	734	441	618
23	.	.	1040	470	1250	1080	962	912	721	657	604	615
24	.	.	1080	520	1380	2060	1030	761	650	787	584	787
25	.	.	1120	560	1500	2900	1520	780	459	631	559	744
26	.	.	1160	580	1600	1300	958	1590	1550	800	569	587
27	.	.	1160	620	1700	1110	668	1020	1550	727	585	734
28	.	.	1140	660	1800	1400	700	742	950	715	623	695
29	.	.	1110	660	-----	807	821	791	962	656	402	691
30	.	.	1020	670	-----	874	1030	605	713	1180	734	727
31	.	.	700	680	-----	688	-----	757	-----	966	840	-----
Mean	.	.	851	363	1000	1723	867	824	963	800	625	789
Max.	.	.	1160	720	1800	3500	1520	1590	3140	4560	917	2060
Min.	.	.	52	120	690	688	654	558	459	407	402	506
A. F.	.	.	42190	22290	55520	105900	51610	50650	57290	49200	38430	46960

Total acre-feet 520000.

* No record.

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.

Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	862	650	862	450	630	2250	1370	1280	1400	503	815	1100
2	952	600	768	218	640	2900	1320	1170	2690	587	712	850
3	815	580	900	180	650	3400	1460	1350	1620	722	712	827
4	744	838	744	190	650	3800	1370	1290	1220	779	1050	1050
5	722	900	722	150	650	4200	1160	1240	2840	733	1120	3540
6	827	850	538	135	660	4600	1110	1110	2340	768	1000	1310
7	978	580	427	107	670	5510	1110	1080	952	701	913	1160
8	862	520	476	102	670	4720	1140	1160	690	668	827	701
9	733	668	558	105	680	4040	1040	1060	827	616	744	712
10	838	1020	597	110	692	2760	1020	964	815	567	658	4000
11	838	1110	650	120	710	2550	1060	977	744	538	658	2580
12	733	779	710	125	720	1950	1040	926	926	626	647	990
13	768	1000	800	130	750	1570	1110	990	952	712	607	850
14	827	1110	920	145	800	1310	1040	913	875	791	636	827
15	913	990	980	170	830	1350	1040	1000	1020	744	607	791
16	888	838	1020	200	850	1260	1000	1080	1660	779	679	803
17	862	647	1000	240	920	1280	1050	1110	1660	744	567	791
18	815	744	990	280	1010	1550	1040	1110	900	939	567	815
19	838	779	980	290	1100	1780	1050	1060	768	4380	668	827
20	791	732	1010	300	1210	1570	990	1000	939	1350	875	722
21	1050	838	1060	320	1360	1810	1050	1050	964	597	827	712
22	1110	850	1080	340	1430	1810	1000	1210	722	529	768	756
23	838	1040	1120	360	1500	2090	1040	1290	616	558	732	1040
24	815	862	1200	420	1620	1680	1190	990	529	722	616	1290
25	850	701	930	470	1710	1570	1080	977	567	875	607	1420
26	796	744	977	510	1790	1840	1080	1550	6090	679	616	1220
27	768	756	597	560	1900	1760	926	2340	3460	626	616	1280
28	744	913	616	580	2050	1920	952	1330	1240	658	636	1110
29	679	964	815	610	-----	1370	1190	1210	701	636	626	1080
30	668	827	558	610	-----	1260	1440	1080	597	964	875	1020
31	768	-----	380	620	-----	1460	-----	1240	-----	1280	1040	-----
Mean	827	814	806	295	1030	2352	1116	1169	1377	851	742	1209
Max.	1110	1110	1200	620	2050	5510	1460	2340	6090	4380	1120	4000
Min.	668	520	380	102	630	1260	926	913	529	503	567	701
A. F.	50880	48460	49560	18140	57230	144600	66400	71880	81960	52310	45640	71950

Total acre-feet 759000.

LOUP RIVER, NORTH, NEAR TAYLOR—Sec. 22-21-18 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	420	299	385	500	401	542	372	380	266	312
2	*	*	431	250	380	520	542	453	486	370	312	286
3	*	*	410	190	380	550	519	519	401	376	273	318
4	*	*	431	140	380	600	464	475	464	385	280	318
5	*	*	382	180	378	660	431	519	754	410	306	334
6	*	*	382	260	380	754	486	464	626	385	312	442
7	*	*	360	290	380	830	486	475	566	318	256	453
8	*	*	332	309	385	530	431	410	497	286	299	401
9	*	*	370	320	390	554	431	410	420	292	256	497
10	*	*	400	325	400	420	475	392	392	286	266	497
11	*	*	415	325	400	566	486	420	382	280	286	475
12	*	*	420	340	404	508	542	382	420	372	286	442
13	*	*	450	350	425	464	486	392	420	334	286	392
14	*	*	470	360	470	431	420	372	401	372	273	401
15	*	*	560	365	490	410	392	344	382	363	273	354
16	*	*	580	370	520	497	372	410	382	325	240	372
17	*	*	595	375	550	508	354	334	363	318	252	410
18	*	*	545	380	600	453	401	401	354	312	325	372
19	*	*	540	375	608	554	442	410	392	306	306	410
20	*	*	480	370	605	475	519	392	442	306	382	410
21	*	*	508	370	585	554	464	382	475	299	334	382
22	*	*	519	367	560	602	519	382	464	273	256	392
23	*	*	497	360	530	650	401	410	420	280	244	344
24	*	*	363	360	520	626	486	344	306	266	236	372
25	*	*	420	365	500	554	486	334	318	280	252	334
26	*	*	401	442	370	475	464	401	410	530	280	401
27	*	491	299	486	370	452	519	292	497	554	280	420
28	*	442	401	370	470	392	382	442	464	306	292	325
29	*	401	334	374	—	363	508	410	410	266	260	318
30	*	410	372	380	—	382	554	410	392	292	382	344
31	*	—	312	385	—	453	—	382	—	280	354	—
Mean	*	391	440	331	464	527	452	417	442	319	296	380
Max.	*	410	585	385	608	830	554	542	754	410	420	497
Min.	*	299	312	140	378	363	292	334	306	266	236	286
A. F.	*	3870	27050	20340	25790	32420	26920	25620	26280	19590	18180	22600

Total acre-feet 248700.

* No record.

LOUP RIVER, NORTH, NEAR BURWELL—Sec. 19-21-16 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	771	580	680	816	715	855	677	555	531	658
2	*	*	696	480	660	840	743	855	696	555	543	600
3	*	*	696	310	650	900	696	892	668	581	543	600
4	*	*	677	240	640	980	686	813	686	600	549	743
5	*	*	620	360	634	1030	729	799	984	600	581	677
6	*	*	607	456	640	1090	757	771	729	562	555	785
7	*	*	600	480	640	1220	729	799	785	531	531	729
8	*	*	588	500	650	1170	715	785	729	543	543	677
9	*	*	620	520	660	841	757	706	648	537	519	715
10	*	*	682	540	660	874	785	706	686	519	519	1040
11	*	*	700	560	670	910	799	743	677	525	543	729
12	*	*	720	580	675	874	841	696	677	543	519	706
13	*	*	740	600	730	743	874	607	648	581	519	686
14	*	*	780	620	780	715	855	620	614	594	519	668
15	*	*	910	620	800	658	743	639	588	620	519	658
16	*	*	966	620	820	629	696	658	630	620	485	620
17	*	*	1000	620	900	677	715	630	620	620	513	614
18	*	*	929	600	940	841	668	668	607	910	574	630
19	*	*	929	580	950	1090	658	648	620	581	581	614
20	*	*	827	586	940	1080	757	658	620	574	668	639
21	*	*	639	580	920	1000	706	639	594	543	639	630
22	*	*	639	570	912	1040	706	757	581	519	648	607
23	*	*	813	560	880	1040	729	706	568	507	607	607
24	*	717	785	580	850	1060	729	668	555	507	588	594
25	*	750	785	600	820	757	706	658	588	507	568	594
26	*	744	757	620	800	757	620	1000	855	490	686	607
27	*	743	743	640	800	813	607	874	892	495	630	581
28	*	729	743	660	810	706	743	771	771	513	607	614
29	*	771	743	670	—	771	771	715	630	501	630	600
30	*	743	700	680	—	757	892	696	581	562	677	607
31	*	—	650	690	—	757	—	668	—	525	686	—
Mean	*	742	745	558	768	884	738	733	673	562	575	661
Max.	*	771	1000	690	950	1220	892	1000	984	910	686	1040
Min.	*	717	588	240	634	629	607	607	555	490	485	581
A. F.	*	10310	45800	34340	42670	54380	43890	45080	40070	34550	35350	39330

Total acre-feet 425800.

* No record.

LOUP RIVER, NORTH, NEAR ORD—Sec. 26-19-14 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	580	570	654	910	742	840	756	570	570	550
2	*	*	688	380	690	940	784	826	840	580	570	520
3	*	*	560	154	650	980	840	862	798	580	826	480
4	*	*	700	250	650	1050	862	826	840	580	592	2850
5	*	*	676	350	650	1140	862	826	756	560	560	728
6	*	*	305	420	650	1310	862	826	812	530	540	688
7	*	*	310	470	655	1330	862	812	812	530	580	742
8	*	*	355	490	657	1300	840	798	812	520	580	756
9	*	*	500	580	660	1120	798	770	742	490	580	784
10	*	*	610	600	680	1050	756	728	652	450	560	826
11	*	*	700	621	700	972	756	756	700	490	530	714
12	*	*	770	640	690	928	770	728	714	550	530	664
13	*	*	820	610	720	928	770	688	700	714	520	628
14	*	*	580	600	750	812	742	676	640	652	550	700
15	*	*	910	580	760	756	664	676	640	652	580	688
16	*	*	910	570	776	742	652	676	664	664	560	676
17	*	*	900	560	840	728	714	742	628	628	592	688
18	*	*	900	541	900	688	728	688	616	728	676	652
19	*	*	900	540	928	714	688	688	616	1290	570	640
20	*	*	898	540	930	640	742	714	616	640	728	580
21	*	*	820	550	920	798	756	742	570	550	676	570
22	*	*	790	560	915	906	770	742	530	480	652	580
23	*	*	750	570	910	994	798	714	450	530	640	592
24	*	*	720	585	905	950	862	742	520	550	628	640
25	*	653	710	596	900	950	950	798	530	540	628	652
26	*	620	710	610	890	1140	862	1440	742	540	628	686
27	*	604	710	620	880	1020	798	1100	784	520	714	714
28	*	604	715	620	890	784	812	784	756	530	664	664
29	*	580	720	630	-----	728	840	756	628	540	676	628
30	*	530	690	630	-----	714	840	728	592	1890	580	628
31	*	-----	680	640	-----	728	-----	756	-----	616	616	-----
Mean	*	600	706	538	778	927	791	789	682	635	610	730
Max.	*	653	910	640	930	1330	950	1440	840	1890	826	2850
Min.	*	530	305	154	650	640	652	676	459	459	520	480
A. F.	*	7140	43430	33080	43180	57020	47050	48490	40590	39060	37480	43450

Total acre-feet 440000.

* No record.

LOUP RIVER, NORTH, AT SCOTIA—Sec. 8-17-12 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	755	600	610	880	717	812	698	592	568	622
2	*	*	766	450	610	330	766	790	801	580	546	585
3	*	*	698	260	620	990	836	858	755	608	989	580
4	*	*	698	330	624	1050	812	847	847	638	563	1780
5	*	*	592	400	620	1100	836	812	1500	608	510	858
6	*	*	650	450	620	1180	790	778	1110	608	520	660
7	*	*	540	469	620	1250	858	766	824	558	525	755
8	*	*	560	480	630	1350	790	790	778	525	525	755
9	*	*	610	500	640	1410	726	708	755	495	530	746
10	*	*	660	520	650	1400	679	688	670	476	525	824
11	*	*	720	540	653	1150	717	717	670	490	536	887
12	*	*	740	560	690	1020	847	708	717	510	558	736
13	*	*	760	567	710	955	847	679	688	600	530	688
14	*	*	780	570	750	904	812	660	645	717	525	670
15	*	*	800	570	810	955	766	660	652	592	515	652
16	*	*	840	570	900	904	726	670	717	600	505	645
17	*	*	880	570	980	904	766	670	679	585	495	608
18	*	*	880	570	1030	921	726	645	645	652	638	580
19	*	*	890	570	1020	989	717	622	670	2240	600	558
20	*	*	900	570	1000	1060	746	652	652	574	726	568
21	*	*	882	581	960	1080	812	660	608	500	568	568
22	*	*	850	580	940	1020	778	746	568	500	558	558
23	*	*	820	580	900	1090	801	736	558	500	558	568
24	*	*	810	580	860	1130	972	679	558	520	563	574
25	*	734	790	580	830	921	904	660	615	515	558	580
26	*	750	810	580	807	904	736	1900	755	500	552	592
27	*	778	830	580	810	858	726	870	847	500	608	615
28	*	778	790	579	830	972	790	790	755	500	585	608
29	*	824	750	590	-----	790	955	717	688	490	580	608
30	*	812	710	600	-----	688	870	746	630	1590	630	638
31	*	-----	680	600	-----	708	-----	688	-----	708	652	-----
Mean	*	779	756	534	776	1015	794	765	725	647	576	689
Max.	*	824	900	600	1030	1410	972	1900	1590	2240	989	1780
Min.	*	734	540	260	610	688	679	622	558	476	495	558
A. F.	*	9270	46510	32820	43090	62410	47250	47060	43750	39810	35390	40990

Total acre-feet 448400.

* No record.

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	704	714	736	569	570	1300	813	917	736	564	736	683
2	725	680	747	530	570	1370	802	917	894	535	583	612
3	725	660	780	520	560	1480	847	964	824	526	758	593
4	704	694	726	490	560	1600	791	1040	940	545	1180	1180
5	714	694	673	490	560	1750	791	976	1540	554	653	1260
6	736	802	580	480	570	1900	791	894	1050	554	602	870
7	725	758	560	470	580	2080	813	859	870	535	612	758
8	714	780	510	512	590	2500	802	882	769	498	602	836
9	747	714	560	520	590	2340	780	847	780	470	574	709
10	736	714	600	540	590	1680	758	824	725	452	526	870
11	704	769	620	540	600	1380	758	813	694	461	498	988
12	694	802	650	540	620	1110	836	813	683	470	535	870
13	704	870	680	540	640	882	905	791	653	1020	545	747
14	714	905	720	530	670	882	859	736	593	704	545	747
15	694	882	760	530	700	1040	836	714	593	602	507	714
16	673	859	750	530	740	940	802	663	663	545	488	663
17	673	824	740	530	770	1020	802	663	673	574	442	643
18	663	791	740	540	810	928	802	683	602	747	461	602
19	612	747	750	540	840	1060	747	612	602	1760	802	554
20	602	747	760	540	860	1010	747	632	602	1070	612	507
21	653	747	770	540	880	928	802	643	545	704	694	470
22	714	769	780	540	900	1120	847	714	498	593	535	479
23	694	780	780	540	940	1240	824	736	452	526	516	498
24	683	780	770	540	980	1300	964	704	433	545	498	758
25	673	780	730	540	1020	1250	859	694	470	564	479	479
26	673	704	690	540	1080	1170	791	1620	1050	535	470	479
27	673	704	680	540	1120	1010	791	1200	813	507	461	516
28	663	653	660	550	1200	1000	780	1050	836	516	554	554
29	653	653	640	550	-----	-----	847	928	736	564	545	554
30	673	673	620	550	-----	-----	824	905	917	632	1050	602
31	714	-----	600	550	-----	-----	802	-----	824	-----	1260	683
Mean	691	755	689	531	754	1282	816	847	732	666	590	692
Max.	747	905	780	560	1200	2500	964	1620	1540	1760	1180	1260
Min.	602	653	510	470	560	802	747	612	433	452	442	470
A. F.	42500	44920	42390	32630	41870	78830	48580	52110	43540	40960	36290	41170

Total acre-feet 545800.

MEDICINE CREEK NEAR CAMBRIDGE—Sec. 18-4-25 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	34	42	62	54	51	44	61	77	33
2	*	*	*	33	44	66	50	49	960	57	48	33
3	*	*	*	36	43	70	55	49	109	52	56	32
4	*	*	*	38	44	84	54	50	124	49	968	325
5	*	*	*	37	47	94	54	49	82	47	117	74
6	*	*	*	35	42	68	54	49	113	45	78	55
7	*	*	*	33	35	70	52	54	70	46	40	62
8	*	*	*	34	35	60	52	52	80	40	38	49
9	*	*	*	37	34	58	50	48	76	38	35	132
10	*	*	63	40	40	58	51	47	73	37	32	70
11	*	*	55	41	52	56	52	45	70	37	31	34
12	*	*	65	42	57	56	50	46	71	36	31	80
13	*	*	45	43	61	64	48	45	64	61	600	28
14	*	*	40	44	60	60	48	44	62	38	70	29
15	*	*	38	45	60	66	48	43	58	34	45	28
16	*	*	36	44	62	62	47	42	59	34	43	29
17	*	*	41	43	63	60	48	41	54	35	39	26
18	*	*	39	43	62	65	45	39	54	36	35	27
19	*	*	40	43	62	66	45	41	53	36	35	26
20	*	*	43	43	60	64	43	40	52	160	34	26
21	*	*	45	40	57	67	45	40	51	67	32	26
22	*	*	44	37	55	64	49	41	47	32	32	26
23	*	*	44	38	51	66	51	43	49	32	30	26
24	*	*	43	41	54	68	55	47	50	32	30	26
25	*	*	45	40	54	60	51	49	50	28	31	26
26	*	*	37	42	50	58	51	45	185	25	30	26
27	*	*	39	41	49	58	51	43	219	21	29	26
28	*	*	39	40	60	58	56	43	97	26	31	26
29	*	*	37	37	---	56	54	43	92	35	30	27
30	*	*	36	39	---	53	51	45	73	27	33	26
31	*	*	35	40	---	54	---	42	---	960	35	---
Mean	*	*	43	40	51	64	50	45	108	73	90	47
Max.	*	*	65	45	63	94	56	54	960	960	968	325
Min.	*	*	35	33	34	53	43	39	44	21	29	26
A. F.	*	*	1880	2430	2850	3910	3000	2790	6430	4490	5540	2790

Total acre-feet 36110.

* No record.

MELBETA DRAIN—Sec. 13-21-54 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	4	1	0	1	1	0	0	7	1	0	3
2	0	4	1	0	1	1	0	0	10	1	1	4
3	0	4	1	0	1	1	0	3	7	1	1	3
4	0	4	1	0	1	1	0	3	9	1	1	4
5	0	3	1	0	1	1	0	2	12	1	0	2
6	5	3	1	0	1	1	0	2	12	0	0	1
7	5	3	1	0	1	1	0	1	10	0	0	1
8	5	3	1	0	1	1	0	3	13	0	0	7
9	5	3	1	0	1	1	0	4	15	1	0	5
10	5	3	1	0	1	1	0	5	12	0	0	12
11	5	3	1	0	1	0	0	4	13	0	0	10
12	5	3	1	0	1	0	0	3	0	0	0	12
13	5	3	1	0	1	0	0	10	0	0	0	8
14	5	3	1	0	1	0	0	5	0	0	0	6
15	5	3	1	0	1	0	0	3	0	0	0	4
16	6	3	1	0	1	0	0	3	0	0	0	3
17	5	3	1	0	1	0	0	2	2	0	1	5
18	5	3	1	0	1	0	0	2	0	0	0	5
19	5	3	1	0	1	0	0	0	3	0	1	6
20	5	3	1	0	1	0	0	0	2	0	0	20
21	5	3	1	0	1	0	0	0	3	3	0	16
22	5	3	1	0	1	0	0	0	2	0	0	7
23	5	3	1	1	1	0	1	0	2	0	1	11
24	5	3	1	1	1	0	1	0	3	2	1	9
25	5	3	0	1	1	0	0	0	1	0	1	10
26	4	3	0	1	1	0	0	1	2	0	1	10
27	4	3	0	1	1	0	0	0	2	0	1	8
28	4	3	0	1	1	0	1	0	3	0	0	11
29	4	3	0	1	—	0	1	3	2	1	0	7
30	4	1	0	1	—	0	2	5	1	0	0	6
31	4	—	0	1	—	0	—	9	—	0	5	—
Mean	4	2	1	0.3	1	0.3	0.2	2	5	0.4	0.5	7
Max.	6	4	1	1.0	1	1.0	2.0	10	15	3.0	5.0	20
Min.	0	1	0	.0	1	.0	.0	0	0	.0	.0	1
A. F.	248	143	48	18.0	56	20.0	12.0	143	304	24.0	30.0	429

Total acre-feet 1475.

MITCHELL FACTORY WASTE—Sec. 27-23-56 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	3	0	0	0	0	0	0	0	0	2	0
2	3	3	0	0	0	0	0	0	0	0	1	0
3	3	3	0	0	0	0	0	0	0	0	1	0
4	3	2	0	0	0	0	0	0	0	0	1	0
5	3	2	0	0	0	0	0	0	0	0	1	0
6	3	2	0	0	0	0	0	0	0	0	1	0
7	3	2	0	0	0	0	0	0	0	0	1	0
8	3	2	0	0	0	0	0	0	0	0	1	0
9	3	2	0	0	0	0	0	0	0	0	1	0
10	3	2	0	0	0	0	0	0	0	0	1	0
11	3	2	0	0	0	0	0	0	0	0	1	0
12	6	2	0	0	0	0	0	0	0	0	1	0
13	9	2	0	0	0	0	0	0	0	0	1	0
14	12	2	0	0	0	0	0	0	0	0	1	0
15	9	2	0	0	0	0	0	0	0	0	1	0
16	6	2	0	0	0	0	0	0	0	0	1	0
17	2	2	0	0	0	0	0	0	0	1	0	0
18	2	2	0	0	0	0	0	0	0	1	0	0
19	3	2	0	0	0	0	0	0	0	1	0	0
20	3	2	0	0	0	0	0	0	0	1	0	0
21	3	1	0	0	0	0	0	0	0	1	0	0
22	3	1	0	0	0	0	0	0	0	1	0	0
23	3	1	0	0	0	0	0	0	0	1	0	0
24	3	1	0	0	0	0	0	0	0	1	0	0
25	3	1	0	0	0	0	0	0	0	1	0	0
26	3	1	0	0	0	0	0	0	0	1	0	0
27	3	1	0	0	0	0	0	0	0	1	0	0
28	3	1	0	0	0	0	0	0	0	1	0	0
29	3	1	0	0	—	0	0	0	0	2	0	0
30	3	1	0	0	—	0	0	0	0	2	0	0
31	3	—	0	0	—	0	—	0	—	2	0	—
Mean	4	2	0	0	0	0	0	0	0	0.6	0.5	0
Max.	12	3	0	0	0	0	0	0	0	2.0	2.0	0
Min.	3	1	0	0	0	0	0	0	0	.0	.0	0
A. F.	228	105	0	0	0	0	0	0	0	38.0	32.0	0

Total acre-feet 413.

MITCHELL SPILLWAY—Sec. 35-23-56 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	10	10	5	8	7	4	0	23	1	0	0
2	10	10	10	5	8	6	4	0	16	0	1	1
3	10	10	10	6	8	6	4	0	0	0	0	0
4	10	10	10	6	8	6	4	0	0	1	0	1
5	10	10	10	7	8	6	4	0	60	0	1	0
6	10	10	11	7	8	6	4	5	2	0	0	1
7	10	10	11	8	8	6	4	7	1	0	0	0
8	10	10	11	8	8	5	4	6	0	1	0	1
9	10	10	11	8	8	5	4	7	0	0	1	0
10	10	10	11	8	8	5	4	6	1	0	0	1
11	10	10	11	8	8	5	4	1	0	1	0	0
12	10	10	11	8	8	5	4	0	0	0	1	1
13	10	10	11	8	8	5	4	0	0	0	0	0
14	5	10	11	8	8	5	4	0	0	1	0	1
15	2	10	11	8	8	5	4	0	0	0	1	0
16	2	10	11	8	8	5	4	0	0	0	0	1
17	5	10	12	8	8	5	4	0	0	1	0	0
18	10	10	12	8	8	5	4	0	0	0	1	1
19	10	10	12	8	8	4	4	0	0	0	0	1
20	10	10	12	8	8	4	4	0	0	1	0	1
21	10	10	11	8	8	4	1	0	0	0	1	1
22	10	10	10	8	7	4	1	0	0	0	1	1
23	10	10	9	8	7	4	1	0	0	0	1	1
24	10	10	8	8	7	4	1	0	0	1	1	1
25	10	10	7	8	7	4	1	0	0	0	1	1
26	10	10	6	8	7	4	1	0	3	0	0	1
27	10	10	5	8	7	4	1	0	2	1	1	1
28	10	10	4	8	7	4	2	0	1	0	0	1
29	10	10	4	8	---	4	1	0	0	0	1	1
30	10	10	4	8	---	4	0	15	0	1	0	1
31	10	---	4	8	---	4	---	17	---	0	1	---
Mean	10	10	10	8	8	5	3	2	4	0.3	0.5	0.7
Max.	10	10	12	8	8	7	4	18	60	1.0	1.0	1.0
Min.	2	10	4	5	7	4	0	0	0	.0	.0	.0
A. F.	577	595	577	468	430	298	179	133	216	20.0	28.0	42.0

Total acre-feet 3563.

NINE MILE DRAIN NEAR MINATARE—Sec. 25-21-53 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	148	108	94	88	72	76	69	80	146	133	153	151
2	140	110	96	89	73	79	69	82	119	129	158	158
3	140	108	91	78	68	74	69	83	108	126	159	155
4	126	106	88	78	70	70	69	84	132	130	159	169
5	140	109	88	77	72	73	69	79	138	124	150	169
6	157	114	88	72	72	73	69	71	114	116	153	170
7	161	115	89	77	72	73	70	80	106	120	133	183
8	153	119	89	75	70	73	70	84	100	146	135	179
9	154	120	92	75	66	72	70	88	101	123	135	169
10	152	111	91	78	67	72	68	93	100	128	154	172
11	152	113	84	76	69	72	66	78	100	138	131	177
12	143	113	81	78	71	72	65	76	99	138	133	175
13	135	113	81	78	69	75	66	72	99	142	138	171
14	135	115	81	76	68	75	65	75	96	153	130	160
15	134	114	84	72	67	75	64	76	90	169	133	157
16	134	108	82	73	72	73	66	78	93	184	138	152
17	129	110	84	73	72	70	67	81	92	154	133	154
18	131	110	88	72	71	69	69	82	95	142	296	163
19	131	109	86	73	70	67	69	84	96	146	163	157
20	143	103	86	71	72	67	69	85	100	141	148	153
21	145	103	85	70	75	68	69	81	100	149	143	163
22	135	96	87	74	75	68	69	87	106	151	138	153
23	135	96	87	69	75	68	72	84	119	146	135	161
24	144	90	84	72	75	66	70	83	135	185	167	161
25	146	91	86	74	73	72	68	87	121	167	133	165
26	135	90	87	74	79	72	67	93	131	161	126	169
27	116	90	85	72	76	69	67	94	127	170	134	167
28	115	91	87	72	76	69	68	100	123	154	145	165
29	111	92	87	72	76	69	79	102	134	159	146	163
30	111	94	85	68	---	69	81	151	131	153	149	153
31	111	---	85	72	---	69	---	119	---	159	150	---
Mean	137	105	87	75	72	71	69	86	111	146	148	164
Max.	161	120	96	89	79	79	81	151	146	185	296	183
Min.	111	90	81	68	66	66	64	71	90	116	126	151
A. F.	8430	6270	5330	4600	3980	4380	4100	5340	6630	9000	9120	9750

Total acre-feet 76930.

NIOBRARA RIVER AT DUNLAP—Sec. 27-29-48 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	22	28	51	45	53	50	71	23	10	9	9	10
2	19	29	50	40	50	58	76	15	23	9	9	9
3	18	38	49	40	45	57	82	16	21	9	9	19
4	20	43	49	45	40	58	79	15	31	13	9	1060
5	18	46	48	50	32	64	71	14	28	12	8	292
6	19	46	46	45	36	76	69	12	30	12	9	172
7	18	46	51	40	40	78	67	10	33	11	9	104
8	16	29	53	35	35	74	65	10	32	10	9	81
9	19	46	54	30	30	77	63	11	30	9	9	70
10	19	50	58	30	35	82	61	10	30	9	9	64
11	17	48	60	35	38	94	58	9	30	9	10	61
12	15	48	61	35	42	88	54	9	29	16	11	57
13	14	48	62	40	44	83	51	8	28	32	9	53
14	15	52	63	39	48	72	50	8	34	19	9	50
15	14	54	62	35	51	66	51	7	21	11	9	47
16	19	55	64	40	54	70	47	7	19	12	9	44
17	20	58	63	49	58	82	50	7	16	12	10	43
18	20	55	63	48	58	77	48	7	14	11	17	41
19	18	56	62	48	64	72	47	6	10	11	14	40
20	19	56	62	38	59	71	45	6	9	12	11	39
21	19	56	60	38	63	71	42	6	9	14	9	37
22	17	56	58	43	64	71	39	6	9	15	9	37
23	20	54	58	49	62	72	36	7	9	14	9	37
24	22	51	59	57	56	97	34	10	9	14	9	35
25	22	50	60	60	51	122	31	18	10	18	10	35
26	25	50	60	59	48	105	23	24	9	14	9	36
27	25	53	58	58	48	90	23	12	9	11	10	36
28	28	53	57	58	51	75	24	9	9	9	10	36
29	28	51	53	56	---	57	25	8	9	9	10	36
30	29	51	50	54	---	59	28	8	9	9	10	36
31	28	---	49	55	---	66	---	8	---	9	10	---
Mean	20	48	56	45	48	75	50	11	19	12	10	31
Max.	29	58	64	60	64	122	82	23	33	32	17	1060
Min.	14	28	46	30	30	50	23	6	9	9	8	9
A. F.	1230	2890	3480	2760	2690	4630	3000	650	1110	760	597	5390

Total acre-feet 29190.

NORTH PLATTE CANAL WASTE—Sec. 29-14-30 W.
Year Ending September 30, 1937.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	1	5	4	6	2
2	0	89	20	3	7	2
3	0	58	5	3	3	1
4	0	37	9	2	5	2
5	0	33	12	5	3	2
6	0	29	20	5	1	1
7	0	34	6	2	3	5
8	0	10	0	1	5	5
9	0	9	5	7	4	8
10	0	11	3	3	2	2
11	0	17	3	3	3	11
12	0	18	3	3	2	8
13	0	12	2	2	2	2
14	0	4	1	10	8	6
15	0	7	1	6	7	1
16	0	9	1	7	1	2
17	0	10	1	7	1	2
18	0	20	1	10	1	3
19	0	21	6	15	1	4
20	0	17	11	13	1	6
21	0	19	4	11	2	9
22	0	20	2	5	1	2
23	0	7	2	3	1	9
24	0	24	2	4	1	16
25	0	23	2	3	2	14
26	0	25	2	12	3	5
27	0	20	3	4	1	3
28	0	18	5	6	3	2
29	---	.	0	13	4	3	1	6
30	---	.	0	11	4	3	3	9
31	.	---	.	.	---	.	---	8	---	4	2	---
Mean	0	20	4.6	5.3	2.9	5.1
Max.	0	89	20.0	15.0	8.0	16.0
Min.	0	1	.0	1.0	1.0	1.0
A. F.	0	1258	288.0	323.0	177.0	303.0

Total acre-feet 2349.

* No record.

NORTH PLATTE CANAL WASTE (WEST)
TO NORTH PLATTE CANAL WASTE—Sec. 26-14-31 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	1	5	0	6	2
2	0	89	6	0	7	2
3	0	58	2	0	3	1
4	0	37	8	0	5	2
5	0	33	10	4	3	2
6	0	29	7	4	5	0
7	0	34	3	2	3	0
8	0	10	0	1	5	2
9	0	9	5	0	4	0
10	0	11	3	0	2	8
11	0	17	3	3	2	0
12	0	18	3	0	2	0
13	0	12	2	0	2	2
14	0	4	1	10	4	6
15	0	7	1	6	0	1
16	0	9	1	1	0	0
17	0	10	1	3	0	3
18	0	20	1	0	0	4
19	0	21	3	0	0	5
20	0	17	8	0	1	9
21	0	19	0	0	2	2
22	0	20	2	5	1	9
23	0	7	2	3	1	2
24	0	24	0	0	1	6
25	0	23	2	3	2	5
26	0	25	2	3	3	4
27	0	20	3	4	1	3
28	0	5	0	6	3	2
29	---	.	0	0	0	3	1	6
30	---	.	0	0	0	3	3	0
31	.	---	.	.	---	.	---	8	---	4	2	---
Mean	0	19	2.8	2.2	2.4	3
Max.	0	89	10.0	10.0	7.0	9
Min.	0	0	.0	.0	.0	0
A. F.	0	1184	167.0	135.0	148.0	179

Total acre-feet 1813.

*No record.

NORTH PLATTE CANAL WASTE TO SCOUT CREEK—Sec. 24-14-31 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	
1	2	3	0	2	0	
2	3	3	2	1	1	
3	3	3	3	0	1	
4	3	3	2	3	0	
5	3	3	3	3	1	
6	3	3	11	3	2	
7	3	3	2	3	8	
8	3	3	3	3	8	
9	3	3	0	1	0	
10	3	3	0	0	0	
11	4	0	0	0	0	
12	10	0	0	0	0	
13	5	0	0	0	0	
14	6	2	0	0	0	
15	12	0	0	0	0	
16	14	4	0	0	1	
17	5	9	0	0	10	
18	6	0	0	0	6	
19	7	10	0	0	1	
20	15	3	0	0	1	
21	7	5	0	0	10	
22	9	2	0	0	3	
23	1	2	0	0	6	
24	1	1	0	0	18	
25	0	3	0	0	26	
26	4	1	0	0	28	
27	5	3	0	0	18	
28	1	2	0	0	3	
29	---	.	.	2	0	0	0	2	
30	---	.	.	3	0	0	0	2	
31	.	---	.	.	---	.	---	---	0	0	0	---	
Mean	---	4.9	2.3	1.1	5.1	
Max.	15.0	11.0	9.0	28.0	
Min.0	.0	.0	.0	
A. F.	123	292.0	139.0	67.0	309.0

Total acre-feet 930.

*No record.

†Month of May estimated.

NORTH PLATTE POWER RETURN—Sec. 9-13-20 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	120	113	240	289	0	0	0	0	0
2	0	0	0	93	138	234	262	0	0	0	0	0
3	0	0	0	109	139	243	268	0	0	0	0	0
4	0	0	0	81	146	233	222	0	0	0	0	0
5	0	0	0	104	144	235	262	0	0	0	0	0
6	0	0	0	123	139	233	282	0	0	0	0	0
7	0	0	0	125	155	230	286	0	0	0	0	0
8	0	0	0	118	225	306	261	0	0	0	0	0
9	0	0	0	111	238	300	234	0	0	0	0	0
10	0	0	0	111	214	303	252	0	0	0	0	0
11	0	0	0	89	215	283	213	0	0	0	0	0
12	0	0	0	114	209	283	270	0	0	0	0	0
13	0	0	0	119	238	284	261	0	0	0	0	0
14	0	0	0	108	382	217	265	0	0	0	0	0
15	0	0	0	97	264	285	271	0	0	0	0	0
16	0	0	0	82	283	328	272	0	0	0	0	0
17	0	0	0	103	272	288	268	0	0	0	0	0
18	0	0	17	99	236	243	233	0	0	0	0	0
19	0	0	41	100	211	229	282	0	0	0	0	0
20	0	0	53	91	237	309	279	0	0	0	0	0
21	0	0	52	122	234	191	268	0	0	0	0	0
22	0	0	112	152	241	248	281	0	0	0	0	0
23	0	0	91	142	239	271	287	0	0	0	0	0
24	0	0	99	141	238	238	244	0	0	0	0	0
25	0	0	99	128	245	274	219	0	0	0	0	0
26	0	0	95	150	246	291	260	0	0	0	0	0
27	0	0	108	133	243	313	257	0	0	0	0	0
28	0	0	81	132	224	237	283	0	0	0	0	0
29	0	0	99	139	---	289	259	0	0	0	0	0
30	0	0	106	119	---	276	223	0	0	0	0	0
31	0	---	126	163	---	259	---	0	---	0	0	---
Mean	0	0	38	117	218	261	260	0	0	0	0	0
Max.	0	0	126	163	382	328	289	0	0	0	0	0
Min.	0	0	0	81	113	191	213	0	0	0	0	0
A. F.	0	0	2336	7180	12078	16022	15494	0	0	0	0	0

Total acre-feet 53110.

Note:—Reported by the Platte Valley Public Power and Irrigation District.

 OTTER CREEK NEAR LEMOYNE—Sec. 5-15-40 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	15	21	23	24	24	23	23	18	1	22	18	25
2	15	20	23	24	24	23	23	21	1	22	18	25
3	15	20	23	24	24	23	23	21	2	7	18	29
4	16	19	23	24	24	23	24	26	1	21	19	35
5	16	19	23	24	24	23	24	26	20	21	19	30
6	16	19	23	21	24	23	22	21	21	20	18	27
7	16	19	23	21	24	23	22	21	22	20	18	27
8	16	19	23	21	24	23	22	25	23	19	18	27
9	16	19	23	20	24	23	22	25	22	18	20	30
10	16	19	23	20	24	23	22	25	22	18	19	28
11	22	20	23	23	24	23	22	25	21	18	19	27
12	22	20	23	23	24	23	22	24	23	18	19	27
13	22	20	23	23	24	23	22	19	23	20	21	27
14	22	20	23	23	24	24	22	19	23	19	20	27
15	22	20	23	24	23	24	22	19	23	19	20	26
16	23	20	23	24	23	24	22	18	26	19	20	25
17	23	20	23	24	23	24	22	7	23	19	20	25
18	23	20	23	25	23	24	23	5	23	19	20	26
19	23	20	23	25	23	24	23	5	23	19	20	25
20	23	20	23	23	23	24	23	4	23	19	20	24
21	23	20	23	21	23	24	22	2	23	19	21	24
22	23	21	23	23	23	24	21	2	22	19	21	24
23	23	21	23	23	23	24	21	3	15	19	21	22
24	23	21	24	23	23	24	21	2	16	22	20	21
25	23	21	24	23	23	24	21	2	16	18	23	20
26	23	21	24	23	23	24	21	2	26	18	24	19
27	23	21	24	24	23	24	18	2	23	18	24	20
28	23	22	24	24	23	24	18	2	22	18	23	20
29	22	22	24	24	---	24	17	13	22	18	23	20
30	22	23	24	24	---	24	18	1	22	18	24	20
31	22	---	24	24	---	23	---	1	---	18	24	---
Mean	20	20	23	23	24	24	22	13	19	19	20	25
Max.	23	23	24	25	24	24	22	26	26	22	24	35
Min.	15	19	23	20	23	23	17	1	1	7	18	19
A. F.	1250	1200	1430	1420	1310	1450	1290	806	1140	1150	1250	1490

Total acre-feet 15180.

PAWNEE CREEK—Sec. 4-12-27 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	6	6	11	3	9	10	7	6	6	4	2
2	3	6	6	11	3	9	10	7	6	6	4	2
3	3	6	6	12	3	9	9	6	10	6	5	2
4	3	6	7	11	3	9	9	9	9	5	6	2
5	2	6	7	10	3	9	9	6	6	5	6	2
6	2	6	7	8	2	10	9	6	6	4	6	2
7	2	6	7	8	2	10	8	6	6	4	5	2
8	3	6	7	8	2	10	8	6	6	5	5	2
9	3	6	7	8	2	10	8	6	6	3	5	2
10	3	6	7	8	3	10	8	6	6	3	5	2
11	4	6	7	6	3	10	8	6	6	3	5	2
12	4	6	7	6	4	10	8	10	6	3	5	2
13	4	6	8	6	4	10	7	9	6	1	6	2
14	4	6	8	6	4	10	7	6	6	6	6	2
15	5	6	8	6	5	10	7	6	6	2	6	2
16	5	6	8	4	5	11	7	6	6	6	6	2
17	5	6	8	4	5	11	7	6	6	6	6	2
18	5	6	8	4	6	11	6	6	6	2	6	2
19	6	6	8	4	6	11	6	6	6	2	6	2
20	6	6	8	4	6	11	6	6	6	2	6	2
21	6	6	9	3	7	11	6	6	6	3	6	2
22	7	6	9	3	7	12	6	6	4	3	1	2
23	7	6	9	3	7	12	6	6	4	3	1	2
24	6	6	9	3	8	12	6	6	4	3	1	2
25	6	6	9	3	8	12	12	6	5	3	1	2
26	6	6	10	3	8	12	6	6	6	3	1	2
27	6	6	10	3	8	11	6	6	7	3	1	2
28	6	6	10	3	8	11	6	6	8	3	1	2
29	6	6	10	3	—	11	6	6	7	3	1	2
30	6	6	10	3	—	10	8	6	6	4	1	2
31	6	—	11	3	—	10	—	6	—	4	2	2
Mean	5	6	8	6	5	10	8	6	6	3	4	2
Max.	7	6	11	12	8	12	10	10	10	6	6	2
Min.	2	6	6	3	2	9	6	6	4	1	1	2
A. F.	284	357	498	353	268	643	446	387	365	200	250	137

Total acre-feet 4188.

PLUM CREEK—Sec. 10-19-49 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	2	2	2	3	2	1	1	2	1	2	0
2	1	2	2	2	3	2	1	1	2	1	2	0
3	1	2	2	2	3	2	1	1	2	1	2	0
4	1	2	2	2	3	2	1	1	2	1	2	0
5	1	2	2	2	3	2	1	1	2	1	1	0
6	1	2	2	2	3	2	1	1	1	1	1	0
7	1	2	2	2	4	2	1	1	1	1	1	0
8	1	2	2	2	4	2	1	1	1	1	1	0
9	1	2	2	2	4	2	1	1	1	1	1	0
10	1	2	2	2	4	2	1	1	1	1	1	0
11	1	2	2	2	4	2	1	1	1	1	1	0
12	1	2	2	2	4	2	1	1	1	1	1	0
13	1	2	2	2	4	2	1	1	1	1	1	0
14	1	2	2	2	4	2	1	1	1	1	1	0
15	1	2	2	2	4	2	1	1	1	1	1	0
16	2	2	2	2	3	2	1	0	2	2	1	1
17	2	2	2	2	3	2	1	0	1	1	1	1
18	2	2	2	2	3	2	1	0	1	1	1	1
19	2	2	2	2	3	2	1	0	1	1	1	1
20	2	2	2	2	3	2	1	0	1	1	1	1
21	2	2	2	2	3	2	1	0	1	1	1	1
22	2	2	2	2	3	2	1	0	1	1	1	1
23	2	2	2	2	3	2	1	0	1	1	1	1
24	2	2	2	2	3	2	1	0	1	1	1	1
25	2	2	2	2	3	2	1	0	1	1	1	1
26	2	2	2	2	3	2	1	0	1	1	1	1
27	2	2	2	2	3	2	1	0	1	1	1	1
28	2	2	2	2	2	1	1	0	1	1	1	1
29	2	2	2	2	3	—	1	1	1	1	1	1
30	2	2	2	2	3	—	1	1	1	1	1	1
31	2	—	2	2	3	—	1	1	—	1	1	—
Mean	2	2	2	2	3	2	1	1	1	2	1	1
Max.	2	2	2	2	4	2	1	1	2	2	2	1
Min.	1	2	2	2	2	1	1	0	1	1	1	1
A. F.	93	119	123	161	169	105	60	36	71	93	69	40

Total acre-feet 1139.

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	5	16	12	29	32	42	42	8	15	5	14	11
2	6	16	12	25	30	42	28	7	15	6	17	11
3	6	19	15	26	30	42	24	8	15	5	28	13
4	6	16	23	27	30	42	23	9	17	5	18	18
5	7	17	20	28	32	42	18	7	20	4	12	30
6	9	18	20	27	31	42	17	9	32	4	11	27
7	9	17	20	24	32	40	16	10	45	4	10	32
8	9	17	20	23	36	40	15	15	32	4	10	46
9	11	19	21	22	30	36	13	25	30	4	11	38
10	11	20	21	27	30	36	11	19	30	4	9	27
11	11	27	20	28	32	30	11	17	34	10	9	28
12	11	30	20	28	36	30	18	18	34	12	9	18
13	11	29	18	29	36	24	22	20	32	7	8	22
14	11	28	18	30	38	30	21	20	32	4	8	23
15	11	22	18	30	36	34	21	18	33	4	12	19
16	11	15	18	30	36	38	15	21	34	4	14	18
17	12	15	19	31	37	38	13	19	36	3	17	30
18	11	15	19	31	38	39	13	19	36	4	17	26
19	11	15	19	32	39	38	13	12	30	6	17	19
20	11	15	20	30	38	30	11	9	28	7	12	18
21	11	15	19	27	35	34	11	9	28	6	6	14
22	11	16	19	23	40	37	11	9	26	5	5	16
23	11	13	19	25	36	36	8	9	20	5	6	20
24	11	12	19	27	38	30	8	10	16	6	7	19
25	11	13	19	27	35	40	9	11	11	6	7	19
26	11	16	20	28	33	30	7	12	15	6	7	28
27	10	17	20	28	34	30	6	13	14	7	8	27
28	11	18	21	29	36	31	7	13	13	6	8	18
29	11	19	22	30	34	6	13	12	6	9	16	16
30	11	16	24	30	—	39	8	16	7	8	9	14
31	15	—	26	30	—	43	—	15	—	14	10	—
Mean	10	18	19	28	34	36	15	14	25	6	11	22
Max.	15	30	26	32	40	43	42	25	45	14	28	46
Min.	5	12	12	22	30	24	6	7	7	3	5	11
A. F.	625	1070	1190	1710	1920	2220	886	833	1470	359	688	1320

Total acre-feet 14290.

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	62	88	76	60	48	49	45	44	132	41	57	66
2	63	90	76	62	48	47	45	48	128	42	56	56
3	69	88	76	55	49	49	44	50	50	46	53	59
4	76	86	76	56	49	47	44	46	93	49	43	60
5	71	87	69	57	52	48	44	45	127	38	42	61
6	96	86	68	60	50	47	44	52	75	35	44	60
7	92	84	68	64	49	47	44	57	64	49	42	60
8	92	84	68	58	46	46	46	49	92	40	38	60
9	93	84	68	63	49	47	45	42	140	34	38	59
10	100	84	68	58	46	48	47	38	107	35	39	60
11	104	87	69	54	44	46	48	44	94	35	47	60
12	104	86	68	60	45	49	48	35	71	70	48	57
13	104	84	68	56	45	49	47	180	58	39	44	58
14	92	83	68	52	47	52	44	149	72	44	40	53
15	92	84	68	52	44	47	45	124	64	60	41	57
16	92	86	68	51	44	49	37	41	60	46	40	58
17	81	87	70	51	44	49	33	49	44	45	41	57
18	78	84	70	51	44	49	22	39	34	42	167	61
19	78	78	70	52	44	49	22	27	33	44	59	68
20	89	77	70	52	45	50	21	26	36	43	53	69
21	92	80	69	55	45	51	22	31	35	45	54	101
22	93	77	68	54	45	51	23	31	37	44	55	81
23	94	70	71	52	45	50	24	38	38	47	55	86
24	94	76	68	51	45	44	22	48	40	67	54	99
25	93	76	68	50	45	52	22	38	42	51	54	99
26	94	81	64	52	47	47	23	41	52	51	61	95
27	93	76	64	52	47	47	24	42	49	53	61	90
28	92	76	62	53	47	47	35	45	44	51	64	86
29	90	75	60	50	—	46	47	46	45	53	64	83
30	89	76	60	50	—	46	47	93	44	52	54	82
31	92	—	60	49	—	46	—	96	—	53	98	—
Mean	88	82	68	55	46	48	37	56	67	47	55	70
Max.	104	90	76	64	52	52	48	180	140	67	167	101
Min.	62	70	60	49	44	44	21	26	33	34	38	53
A. F.	5440	4880	4200	3360	2570	2960	2190	3440	3970	2860	3380	4140

Total acre-feet 43390.

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE—
Sec. 10-1-42 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	53	53	57	47	53	52	58	26	17	5	9	5
2	44	42	57	48	57	57	58	20	66	6	8	6
3	47	48	57	49	54	54	61	20	30	5	7	7
4	50	48	57	50	55	54	63	20	34	8	6	23
5	34	49	56	47	59	54	60	14	34	6	6	22
6	37	46	54	45	52	54	60	12	44	6	5	13
7	36	48	58	43	50	56	61	12	35	6	4	18
8	37	48	60	42	57	51	61	24	36	5	4	22
9	39	49	61	44	57	54	58	38	50	4	3	18
10	41	49	61	47	65	54	58	19	43	4	3	18
11	49	47	58	53	59	56	57	18	36	4	3	26
12	39	51	57	54	58	57	57	13	36	4	3	37
13	39	63	56	55	54	58	54	23	36	14	12	24
14	40	61	57	56	55	58	53	8	27	6	9	25
15	40	60	54	57	58	58	50	7	32	6	7	24
16	38	60	56	57	54	57	49	8	32	6	7	22
17	37	61	56	58	52	51	48	6	30	18	6	23
18	48	61	51	55	57	53	49	7	15	17	8	24
19	35	61	51	53	54	57	43	10	10	8	8	31
20	38	60	53	49	52	54	43	7	7	7	7	18
21	43	58	54	45	47	54	43	6	4	7	9	18
22	46	61	53	47	52	54	43	6	3	7	8	18
23	46	61	51	49	53	54	46	6	3	8	8	18
24	48	60	49	52	52	63	50	6	3	75	17	16
25	60	63	50	53	48	73	50	9	3	31	7	18
26	47	64	50	55	50	69	49	23	15	13	7	36
27	48	63	49	57	43	66	48	10	8	10	6	24
28	41	61	49	54	48	63	38	7	6	10	6	22
29	38	57	53	49	—	64	34	7	4	9	5	18
30	35	57	50	52	—	64	34	9	4	12	5	20
31	36	—	51	52	—	64	—	7	—	11	5	—
Mean	42	56	54	51	54	58	51	13	23	11	7	20
Max.	60	64	61	58	65	73	63	38	66	75	17	37
Min.	34	42	49	42	43	51	34	6	3	4	3	5
A. F.	2600	3310	3340	3120	2990	3540	3050	812	1390	670	418	1220

Total acre-feet 26460.

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN—
Sec. 31-1-37 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0.6
20
30
44
5	144
6	26
7	618
8	404
9	481
10	270
11	215
12	139
13	114
14	110
15	93
16	78
17	70
18	78
19	52
20	29
21	10
22	7
23	6
24	3
25	2
264
274
288
29	1.0
30	1.2
31	—
Mean	98.5
Max.	618
Min.0
A. F.	5860

Total acre-feet 5860.

*No record.

REPUBLICAN RIVER AT MAX—Sec. 32-2-36 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	61	87	87	55	100	400	233	95	327	38	10	10
2	45	95	104	60	120	451	210	91	250	28	9	6
3	38	95	113	80	105	400	185	87	250	24	8	5
4	50	91	105	100	120	420	176	82	216	20	9	12
5	54	70	90	80	135	327	180	87	222	18	7	244
6	59	74	70	60	80	161	180	95	222	15	8	300
7	78	61	55	50	65	282	171	65	161	14	3	1470
8	70	56	70	40	60	206	146	74	128	12	1	492
9	65	65	132	35	68	238	151	54	137	8	0	672
10	56	61	170	35	90	213	151	61	151	6	0	482
11	56	50	210	40	180	228	151	2920	176	4	0	210
12	78	43	195	50	170	233	137	421	132	6	0	74
13	65	54	200	70	160	412	130	190	78	23	545	56
14	65	70	209	90	190	637	109	128	59	61	17	54
15	70	61	215	100	220	545	100	123	109	14	14	43
16	56	70	220	95	200	503	91	113	222	14	6	40
17	61	74	180	95	180	264	82	95	228	18	3	40
18	61	78	170	90	260	264	91	91	123	30	0	43
19	70	87	140	85	230	264	95	238	100	40	0	34
20	56	95	130	50	210	238	95	166	74	61	0	32
21	65	87	120	35	200	264	87	118	47	104	0	30
22	70	91	80	25	195	233	74	87	43	95	0	30
23	87	100	90	15	190	206	70	74	35	35	0	27
24	74	95	100	20	180	260	87	61	32	19	0	23
25	78	87	120	30	170	327	95	61	113	24	0	30
26	82	78	90	50	160	300	82	354	233	21	0	28
27	74	87	100	90	180	327	87	591	255	18	0	35
28	61	87	80	85	280	392	82	238	113	14	38	35
29	70	82	90	80	—	309	87	118	52	11	12	34
30	70	78	70	70	—	309	95	74	35	10	20	34
31	87	—	50	75	—	273	—	47	—	10	14	—
Mean	66	77	124	62	161	320	124	229	144	26	23	151
Max.	87	100	220	100	280	637	333	2920	327	104	545	1470
Min.	38	43	50	15	60	161	70	47	32	4	0	5
A.F.	4030	4580	7650	3840	8920	19560	7360	14080	8570	1620	1440	8980

Total acre-feet 90720.

 REPUBLICAN RIVER AT CULBERTSON—Sec. 20-3-31 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	32	77	129	55	70	257	306	184	2590	93	22	21
2	42	77	137	70	130	370	276	188	1790	79	17	14
3	35	77	120	90	120	560	216	184	510	61	21	1
4	35	77	120	110	150	460	184	150	451	48	1	21
5	37	77	93	80	160	290	198	110	290	45	57	120
6	31	110	75	70	100	220	206	123	206	35	24	210
7	35	100	60	60	40	220	211	144	206	25	28	840
8	45	126	55	40	40	112	161	134	198	22	21	785
9	55	100	48	35	42	140	180	144	175	16	7	710
10	59	123	60	40	60	140	180	144	161	13	0	680
11	52	110	120	50	150	132	154	1500	202	14	0	350
12	55	112	172	65	230	184	164	620	202	9	0	140
13	55	112	172	80	210	154	154	397	188	7	88	93
14	61	107	150	100	240	123	134	354	175	46	202	115
15	61	95	184	110	270	98	147	275	188	57	102	112
16	61	86	283	130	250	137	147	250	755	29	68	90
17	64	93	193	125	240	175	134	227	656	144	31	90
18	66	110	188	120	280	262	147	198	354	64	24	68
19	61	100	150	100	260	262	140	184	220	48	5	70
20	61	118	137	55	240	269	158	433	144	40	1	55
21	57	95	137	40	220	276	164	298	129	50	0	45
22	55	93	86	35	200	255	158	269	123	66	0	37
23	77	105	86	18	195	283	164	211	102	79	0	18
24	59	93	123	20	190	306	216	154	100	57	0	21
25	79	79	132	35	180	164	188	140	88	21	129	21
26	79	81	98	60	180	206	198	406	227	17	11	22
27	112	73	123	100	210	306	202	1190	283	29	4	34
28	102	95	86	95	240	298	188	510	202	24	4	31
29	79	120	95	55	—	424	188	306	164	18	8	37
30	102	102	75	70	—	379	193	220	123	59	129	32
31	79	—	55	80	—	306	—	172	—	29	40	—
Mean	61	97	121	71	175	251	182	317	373	43	34	163
Max.	112	126	283	130	280	560	306	1590	2590	144	202	840
Min.	31	77	48	18	40	98	134	110	88	7	0	1
A.F.	3730	5800	7420	4350	9710	15410	10820	19480	22200	2670	2070	9690

Total acre-feet 113400.

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	116	201	170	250	549	567	208	549	606	190	335
2	9	129	226	208	280	598	524	191	1830	504	1100	246
3	9	150	249	264	295	777	530	201	8220	642	786	186
4	8	119	230	230	340	1040	494	198	3690	510	1880	254
5	8	103	264	129	370	1130	429	407	6280	438	6280	380
6	7	103	220	115	340	1040	407	205	4780	292	1490	570
7	7	160	226	102	320	751	453	238	2720	228	690	395
8	9	167	232	104	310	573	435	407	1970	181	548	246
9	25	212	234	110	350	512	412	341	1540	177	482	1320
10	25	163	238	125	410	494	396	264	1000	169	305	1390
11	11	212	234	134	450	476	365	268	882	310	260	2310
12	22	226	257	138	510	458	365	322	798	190	165	1150
13	27	253	312	140	620	447	365	370	924	115	1590	666
14	27	230	308	142	750	424	350	859	1220	422	1840	526
15	47	238	317	146	920	412	346	524	840	238	906	416
16	27	230	290	148	1020	424	336	494	1460	233	548	345
17	25	230	303	148	1130	412	326	470	918	1190	588	315
18	49	238	346	150	1300	391	312	412	950	1030	554	287
19	60	245	299	130	1020	494	294	360	1070	1230	612	242
20	42	238	326	102	922	518	277	322	1800	858	482	202
21	32	234	376	99	887	592	272	268	1240	942	471	169
22	55	238	365	97	790	561	257	244	792	1090	325	157
23	52	223	356	96	859	573	272	208	612	804	269	142
24	55	226	336	100	894	555	264	223	510	624	177	122
25	60	226	290	115	660	542	260	180	476	672	134	103
26	68	238	365	130	518	530	253	170	449	762	106	95
27	73	286	386	165	441	453	249	1620	594	858	103	97
28	85	226	365	190	555	424	249	699	1120	454	146	95
29	103	223	322	185	---	441	253	441	956	345	242	95
30	116	212	365	190	---	509	245	429	762	269	542	86
31	103	---	160	215	---	476	---	725	---	211	444	---
Mean	40	203	290	146	625	567	352	396	1695	537	783	431
Max.	116	286	386	264	1300	1130	567	1620	8220	1230	6280	2310
Min.	7	103	160	96	250	391	245	170	449	115	103	86
A. F.	2490	12090	17850	8960	34730	34840	20940	24330	100900	32990	48130	25670

Total acre-feet 363900.

 REPUBLICAN RIVER NEAR HARDY—Sec. 6-1-5 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	42	110	244	346	215	746	526	249	542	854	254	334
2	36	107	232	290	245	630	518	258	737	686	244	421
3	32	118	232	236	270	630	574	258	827	686	334	296
4	24	104	204	232	305	737	542	272	6470	890	719	262
5	34	149	290	249	350	791	566	276	4030	818	598	394
6	42	124	235	150	370	1030	558	285	7140	622	5050	449
7	27	130	212	112	350	1300	558	276	4930	494	2340	502
8	32	96	179	115	325	1160	534	290	3290	376	1240	534
9	48	130	224	120	330	920	494	318	2070	318	970	442
10	48	136	212	135	370	773	449	358	1940	280	845	414
11	32	133	249	142	430	694	414	463	1250	290	728	1390
12	36	149	244	148	500	670	421	400	1070	1260	574	2050
13	52	200	200	150	570	630	400	352	1750	1090	486	1490
14	67	190	244	155	654	590	394	329	1410	407	478	827
15	60	212	236	160	1080	598	394	382	1050	262	900	630
16	50	220	244	165	1540	558	388	400	1230	249	1260	502
17	57	220	258	170	1020	558	370	428	1610	590	940	394
18	44	196	280	165	1060	574	358	534	1190	654	773	334
19	93	224	249	145	1340	574	352	518	881	2270	755	272
20	48	240	272	125	1270	614	346	478	980	2580	710	249
21	52	228	307	105	1130	582	334	442	670	1140	694	254
22	67	216	312	102	1160	662	307	414	1900	719	574	212
23	88	228	324	100	1160	719	267	400	1080	524	435	190
24	64	216	370	110	1070	728	262	370	719	2990	352	172
25	101	228	407	120	920	670	262	318	614	2370	340	220
26	90	228	407	130	782	622	254	296	502	920	267	162
27	93	236	407	140	388	622	240	290	494	630	216	146
28	96	240	400	155	456	590	240	630	510	678	176	143
29	104	236	400	170	---	582	240	1330	542	662	152	133
30	118	236	407	180	---	518	240	746	755	702	129	130
31	107	---	382	195	---	518	---	518	---	470	179	---
Mean	61	183	286	162	702	696	393	415	1739	886	765	465
Max.	118	240	407	346	1540	1300	574	1330	7140	2990	5050	2050
Min.	24	96	179	100	215	518	240	249	494	249	129	130
A. F.	3740	10870	17580	9950	39000	42820	23410	25540	103500	54510	47050	27670

Total acre-feet 405640.

SAND CREEK—Sec. 10-15-40 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	4	4	6	4	6	4	4	2	2	3	5	5
2	4	4	6	4	6	4	4	0	2	3	5	5
3	4	4	6	4	6	4	4	0	0	3	5	5
4	4	4	6	4	6	4	4	0	0	3	5	5
5	4	4	6	4	6	4	4	0	0	3	5	5
6	4	4	6	4	6	4	4	0	0	3	0	4
7	4	4	6	4	6	4	4	2	2	3	0	5
8	4	4	5	4	6	4	4	0	0	3	3	5
9	4	4	5	4	6	4	4	2	2	3	3	5
10	4	4	5	4	6	4	4	0	2	3	3	5
11	4	4	5	4	5	4	3	1	2	0	4	5
12	4	4	5	4	5	4	3	0	2	5	0	5
13	4	4	5	4	5	4	3	0	2	5	0	5
14	4	4	5	4	5	4	3	0	0	5	0	5
15	4	4	5	5	5	4	3	0	0	5	0	5
16	4	4	5	5	5	4	3	0	2	5	0	5
17	4	4	5	5	5	4	3	0	2	5	0	5
18	4	4	4	5	5	4	3	0	2	5	0	5
19	4	4	4	5	5	4	3	0	2	0	0	5
20	4	4	4	5	5	4	3	0	2	0	0	5
21	4	4	4	5	4	4	3	2	2	0	0	5
22	4	4	4	5	4	4	3	2	2	0	4	5
23	4	4	4	5	4	4	3	0	0	0	4	4
24	4	4	4	5	4	4	3	0	0	3	5	4
25	4	5	4	5	4	4	3	0	3	5	4	4
26	4	5	4	6	4	4	3	2	2	5	4	4
27	4	5	4	6	4	4	3	2	2	5	4	4
28	4	5	4	6	4	4	3	2	2	5	4	4
29	4	5	4	6	4	4	3	2	2	5	4	4
30	4	5	4	6	4	4	3	2	2	5	4	4
31	4	5	4	6	4	4	3	2	2	5	4	4
Mean	4	4	5	5	5	4	3	1	3	3	3	5
Max.	4	5	6	6	6	4	4	2	3	5	5	6
Min.	4	4	4	4	4	4	2	0	0	0	0	4
A. F.	246	250	290	292	282	246	180	69	79	161	159	284

Total acre-feet 2538.

SAPPA CREEK NEAR BEAVER CITY—Sec. 14-1-23 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	1	1	14	5	42
2	*	*	*	*	*	*	*	1	871	11	4	23
3	*	*	*	*	*	*	*	1	1820	10	100	15
4	*	*	*	*	*	*	*	2	1650	8	216	11
5	*	*	*	*	*	*	*	2	984	7	68	9
6	*	*	*	*	*	*	*	1	1240	7	52	9
7	*	*	*	*	*	*	*	1	659	6	41	308
8	*	*	*	*	*	*	*	1	154	6	35	254
9	*	*	*	*	*	*	*	1	87	5	126	274
10	*	*	*	*	*	*	*	1	70	5	77	175
11	*	*	*	*	*	*	*	1	61	4	52	68
12	*	*	*	*	*	*	*	1	60	4	27	54
13	*	*	*	*	*	*	*	1	91	4	20	47
14	*	*	*	*	*	*	*	84	72	126	12	30
15	*	*	*	*	*	*	*	26	33	36	105	18
16	*	*	*	*	*	*	*	15	25	17	221	13
17	*	*	*	*	*	*	*	13	20	10	302	10
18	*	*	*	*	*	*	*	4	258	7	195	8
19	*	*	*	*	*	*	*	4	165	6	128	7
20	*	*	*	*	*	*	*	2	58	5	56	7
21	*	*	*	*	*	*	*	2	38	10	32	6
22	*	*	*	*	*	*	*	2	25	31	17	5
23	*	*	*	*	*	*	*	1	20	31	16	4
24	*	*	*	*	*	*	*	1	16	42	15	3
25	*	*	*	*	*	*	*	1	14	83	10	2
26	*	*	*	*	*	*	*	56	13	73	9	2
27	*	*	*	*	*	*	*	2	12	40	179	2
28	*	*	*	*	*	*	*	1	10	39	528	2
29	*	*	*	*	*	*	*	1	21	26	191	2
30	*	*	*	*	*	*	*	1	24	11	97	1
31	*	*	*	*	*	*	*	1	—	7	60	—
Mean	*	*	*	*	*	*	*	8	289	22	97	47
Max.	*	*	*	*	*	*	*	84	1820	125	528	308
Min.	*	*	*	*	*	*	*	1	1	4	4	1
A. F.	*	*	*	*	*	*	*	482	17200	1370	5940	2800

Total acre-feet 27800.

*No record.

SARBEN SLOUGH—Sec. 20-14-35 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	4	3	3	3	1	1	3	4	4	3	3	3
2	4	3	3	3	1	1	3	3	4	3	3	3
3	4	3	3	3	1	1	3	3	3	3	3	3
4	4	3	3	3	1	1	3	3	3	3	3	3
5	4	3	3	3	1	1	3	3	3	3	3	3
6	4	3	3	3	1	1	3	4	3	3	3	3
7	4	3	3	3	1	1	3	4	3	3	3	3
8	4	3	3	3	1	1	3	3	3	3	3	3
9	4	3	3	3	1	1	3	4	3	3	3	3
10	4	3	3	3	1	1	3	3	5	3	3	3
11	4	3	3	3	1	1	3	3	4	3	3	3
12	4	3	3	3	1	1	3	3	5	3	3	3
13	4	3	3	3	1	1	3	3	4	3	4	3
14	4	3	3	3	1	1	3	3	4	3	3	3
15	4	3	3	3	1	1	3	3	4	3	3	3
16	3	3	3	3	1	1	3	3	9	3	3	3
17	3	3	3	3	1	1	3	3	5	3	3	3
18	3	3	3	3	1	1	3	3	5	3	3	3
19	3	3	3	3	1	1	3	3	3	3	3	3
20	3	3	3	3	1	1	3	3	3	3	3	3
21	3	3	3	3	1	1	3	3	3	4	3	3
22	3	3	3	3	1	1	3	3	3	3	3	3
23	3	3	3	3	1	1	3	3	3	4	3	3
24	3	3	3	3	1	1	3	3	3	3	3	3
25	3	3	3	3	1	1	3	3	2	4	3	3
26	3	3	3	3	1	1	3	5	5	3	3	3
27	3	3	3	3	1	1	3	4	4	3	3	3
28	3	3	3	3	1	1	3	4	4	3	3	3
29	3	3	3	3	1	1	3	3	3	3	3	3
30	3	3	3	3	—	—	3	3	3	3	3	3
31	3	3	3	3	—	—	3	3	3	3	3	3
Mean	4	3	3	3	1	1	3	3	4	4	3	3
Max.	4	3	3	3	1	1	3	5	9	4	4	5
Min.	3	3	3	3	1	1	3	2	2	2	1	1
A. P.	214	178	184	153	56	135	184	192	216	188	149	91

Total acre-feet 1940.

Note:—The diversions by the Sheridan-Wilson Canal from Sarben Slough are made below this rating station.

SCOTTSBLUFF DRAIN NO. 1—Sec. 25-22-55 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	16	16	9	9	9	5	4	5	6	5	8	6
2	16	16	9	9	9	5	4	5	6	5	8	6
3	16	16	9	9	9	5	4	5	6	5	8	7
4	16	16	9	9	9	5	4	5	6	5	8	7
5	15	16	8	9	9	5	4	5	6	5	8	7
6	15	16	8	9	9	5	4	5	6	5	8	7
7	15	15	8	9	9	5	4	5	6	5	4	8
8	15	15	8	9	9	5	4	5	6	5	0	8
9	15	15	8	9	9	5	4	5	6	5	1	8
10	15	15	8	9	9	5	4	5	6	5	2	8
11	15	14	9	9	8	5	4	5	6	4	2	18
12	15	14	9	9	8	5	4	5	6	4	2	18
13	15	14	9	9	8	5	4	5	6	4	2	18
14	15	13	9	9	8	5	4	5	6	4	3	19
15	15	13	9	9	8	5	4	6	6	4	3	20
16	15	13	9	9	8	5	4	6	6	4	3	20
17	15	12	9	9	7	4	4	6	6	4	3	20
18	15	12	10	9	7	4	4	6	6	4	4	20
19	15	12	10	9	7	4	4	6	6	4	4	20
20	15	12	10	9	7	4	4	6	6	5	4	19
21	15	12	10	9	7	4	4	6	6	5	4	19
22	15	12	10	9	7	4	4	6	6	5	5	19
23	15	11	10	9	7	4	4	6	7	6	5	19
24	15	11	9	9	6	4	4	6	7	6	5	19
25	15	11	9	9	6	4	4	6	7	6	5	19
26	16	11	9	9	6	4	4	6	7	6	5	18
27	16	10	9	9	6	4	4	6	5	7	5	18
28	16	10	9	9	6	4	4	6	5	7	5	18
29	16	10	9	9	—	4	4	6	5	7	5	18
30	16	10	9	9	—	4	4	6	5	8	6	18
31	16	—	9	9	—	4	—	6	—	8	6	—
Mean	15	13	9	9	8	5	4	6	6	5	5	15
Max.	16	16	10	9	9	5	4	6	7	8	8	20
Min.	15	10	9	9	6	4	4	5	5	4	0	6
A. P.	942	781	553	553	430	278	238	341	357	321	280	891

Total acre-feet 5965.

SCOTTSBLUFF DRAIN NO. 2—Sec. 34-22-54 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	5	3	3	2	2	2	3	3	9	11	14
2	11	5	3	2	2	2	2	2	3	8	11	13
3	11	5	3	2	2	2	2	2	3	8	11	14
4	10	5	3	2	2	2	1	1	3	8	11	14
5	10	5	3	2	2	2	1	2	3	9	9	13
6	10	5	3	2	2	2	1	2	3	7	9	13
7	10	5	3	2	2	2	1	4	3	7	10	13
8	10	4	3	2	2	2	1	2	3	5	10	14
9	10	4	3	2	2	2	1	2	3	6	13	14
10	10	4	3	2	2	2	1	2	3	6	13	13
11	9	4	3	2	2	2	1	3	3	7	11	13
12	9	4	3	2	2	2	1	3	3	6	12	13
13	9	4	3	2	2	2	1	3	3	7	11	13
14	9	4	3	2	2	2	2	3	3	7	12	13
15	9	4	3	2	2	2	2	3	4	7	12	13
16	8	4	3	2	2	2	2	3	6	6	12	13
17	8	4	3	2	2	2	2	2	7	7	14	12
18	8	4	3	2	2	2	2	2	7	9	13	13
19	8	4	3	2	2	2	2	2	8	8	14	12
20	8	4	3	2	2	2	2	2	7	8	14	13
21	7	4	3	2	2	2	2	2	8	9	14	13
22	7	4	3	2	2	2	2	2	9	10	14	13
23	7	3	3	3	2	2	2	2	9	7	15	11
24	7	3	3	3	2	2	2	2	9	10	15	11
25	7	3	3	3	2	2	2	4	8	8	13	9
26	6	3	3	3	2	2	2	4	8	8	14	8
27	6	3	3	3	2	2	2	3	7	8	14	9
28	6	3	3	3	2	2	2	3	8	9	14	9
29	6	3	3	3	2	2	2	3	8	10	13	9
30	6	3	3	3	2	2	3	4	9	11	14	9
31	5	—	3	3	—	—	—	3	—	10	13	—
Mean	8	4	3	3	2	2	2	3	5	8	12	12
Max.	11	5	3	3	2	2	2	4	9	11	15	14
Min.	5	3	3	2	2	2	1	2	3	5	9	8
A. F.	510	296	184	125	111	123	101	173	325	486	766	722

Total acre-feet 3862.

SCOUT CREEK—Sec. 20-14-30 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	1	0	0	1	1	0	0	3	4	1	2
2	2	1	0	0	1	1	0	0	19	7	2	2
3	1	1	0	0	1	1	0	0	35	9	1	2
4	1	1	0	0	1	1	0	0	3	4	3	3
5	1	1	0	0	1	1	0	0	3	8	5	3
6	1	0	0	0	1	1	0	1	3	8	2	2
7	1	0	0	0	1	1	0	2	13	11	8	4
8	1	0	0	0	1	1	0	2	4	2	5	11
9	1	0	0	0	1	0	0	3	7	2	2	2
10	1	0	0	0	1	0	0	4	6	2	1	2
11	1	0	0	0	1	0	0	3	6	1	1	2
12	1	0	0	0	1	0	0	1	11	2	1	2
13	1	0	0	0	1	0	0	10	7	2	1	2
14	1	0	0	0	1	0	0	5	14	3	1	2
15	1	0	0	0	1	0	0	1	14	2	1	1
16	1	0	1	0	1	0	0	1	17	3	1	2
17	1	0	1	0	1	0	0	1	7	18	1	4
18	1	0	1	0	1	0	0	1	6	3	1	9
19	1	0	1	0	1	0	0	2	7	1	1	3
20	1	0	2	0	1	0	0	1	8	2	1	3
21	1	0	2	0	1	0	0	6	14	2	1	8
22	1	0	1	0	1	0	0	9	11	2	1	5
23	1	0	1	0	1	0	0	12	3	1	1	5
24	1	0	1	0	1	0	0	13	3	1	1	13
25	1	0	1	0	1	0	0	2	3	2	1	13
26	1	0	0	0	1	0	0	4	4	1	1	14
27	1	0	0	0	1	0	0	3	7	1	1	19
28	1	0	0	0	1	0	0	6	8	1	1	5
29	1	0	0	0	—	0	0	2	4	1	1	3
30	1	0	0	0	—	0	0	2	13	1	1	7
31	1	—	0	0	—	0	—	3	—	1	1	—
Mean	1	0.2	0.4	0	1	0.3	0	3	9	3	2	5
Max.	3	1.0	2.0	0	1	1.0	0	13	35	18	8	19
Min.	1	.0	.0	0	1	.0	0	0	3	1	1	1
A. F.	67	10.0	24.0	0	56	16.0	0	198	522	214	101	305

Total acre-feet 1513.

SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	63	61	46	42	45	50	1.5	37	2.0	2.6	2.8
2	1	62	62	48	42	45	50	1.5	47	2.0	2.6	2.8
3	1	61	60	49	42	45	50	1.5	44	2.0	2.8	2.8
4	1	66	59	50	43	50	47	1.5	44	2.0	2.8	2.8
5	1	65	59	50	44	48	50	1.5	45	2.0	2.8	2.8
6	27	63	59	50	43	48	48	1.5	42	2.0	2.8	2.8
7	68	62	61	50	42	48	47	1.2	39	1.8	2.6	5.8
8	66	66	61	52	42	47	47	1.1	39	1.9	2.8	2.6
9	66	68	61	54	43	48	47	1.0	39	1.9	2.8	2.3
10	65	65	58	54	44	50	47	1.2	39	2.0	2.8	2.3
11	64	66	57	53	44	49	44	1.0	39	2.0	2.8	2.3
12	64	67	54	53	43	51	42	1.1	39	2.0	2.8	2.3
13	64	66	54	52	43	52	42	1.0	36	3.0	2.8	2.3
14	65	66	54	50	45	52	44	1.0	16	1.8	2.8	1.9
15	65	65	53	48	47	50	43	1.0	2	1.6	2.8	1.9
16	66	66	53	48	46	52	43	1.0	2	1.8	4.1	1.9
17	66	65	57	47	46	53	43	1.0	2	1.8	5.0	1.9
18	65	66	53	46	45	52	42	1.1	2	1.8	3.2	2.0
19	64	66	53	43	45	53	42	1.0	2	1.8	1.8	2.0
20	64	64	53	44	44	52	20	1.2	2	1.8	1.8	2.0
21	64	64	50	44	43	50	2	1.1	2	1.8	1.8	2.0
22	64	63	50	43	45	51	3	1.5	2	1.8	1.8	2.0
23	64	62	50	43	45	51	3	1.5	2	4.3	1.8	1.9
24	64	64	50	42	45	50	3	1.6	2	3.6	2.0	2.3
25	64	63	50	43	45	50	5	1.6	2	2.6	2.3	2.3
26	64	64	50	43	44	51	5	1.5	2	2.0	2.3	2.5
27	63	63	50	43	45	52	1	1.5	2	2.0	2.3	2.5
28	63	62	49	43	45	52	1	1.5	2	2.3	2.3	2.6
29	62	62	48	43	---	52	1	1.9	2	2.5	2.3	2.6
30	62	62	47	43	---	53	1	2.6	2	2.5	2.3	2.6
31	62	---	46	42	---	52	---	2.5	---	2.8	2.5	---
Mean	52	64	54	47	44	50	39	1.4	19	2.2	2.6	2.4
Max.	68	68	62	54	47	53	50	2.6	47	4.3	5.0	5.8
Min.	1	61	46	42	42	45	1	1.0	2	1.6	1.8	1.9
A. F. 3260	3820	3340	2890	2440	3080	1820	85.0	1150	133.0	161.0	146.0	---

Total acre-feet 23320.

SILVERNAIL DRAIN—Sec. 6-19-49 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	6	6	5	5	4	4	4	3	5	5	5	9
2	6	6	5	5	4	4	4	3	3	5	5	9
3	6	6	5	5	4	4	4	3	3	5	5	9
4	6	6	5	5	4	4	4	3	4	6	6	9
5	6	6	5	4	4	4	4	3	5	6	6	9
6	6	6	5	4	5	4	4	3	6	6	6	8
7	6	6	5	4	5	4	4	3	9	7	7	8
8	6	6	5	4	5	4	4	3	14	7	7	7
9	6	6	5	4	5	4	4	3	11	8	7	7
10	6	6	5	4	5	4	4	3	9	8	7	7
11	6	6	5	4	5	4	3	3	7	8	7	7
12	6	6	5	4	5	4	3	3	11	5	7	6
13	6	6	5	5	5	4	3	3	16	5	7	6
14	6	6	5	5	5	4	3	3	11	5	7	6
15	6	6	5	5	5	4	3	3	6	5	7	6
16	6	5	5	5	5	4	3	3	5	5	7	6
17	6	5	5	5	5	4	3	3	5	6	8	6
18	6	5	5	5	5	4	3	3	5	6	9	6
19	6	5	5	5	5	4	3	3	5	8	10	6
20	6	5	5	5	5	4	3	3	5	7	9	6
21	6	5	5	5	5	4	3	3	4	5	9	6
22	6	5	5	4	5	4	3	4	4	4	8	6
23	6	5	5	4	5	4	3	4	4	5	8	6
24	6	5	5	4	5	4	3	4	4	5	8	5
25	6	5	5	4	5	4	3	4	5	5	8	5
26	6	5	5	4	5	4	4	3	6	5	8	5
27	6	5	5	4	5	4	4	3	6	5	8	5
28	6	5	5	4	5	4	3	3	5	6	8	5
29	6	5	5	4	---	4	3	3	5	7	8	6
30	6	5	5	4	---	4	3	3	5	7	8	6
31	6	---	5	4	---	4	---	8	---	5	8	---
Mean	6	6	5	4	5	4	3	3	6	6	7	7
Max.	6	6	5	5	5	4	4	8	16	8	10	9
Min.	6	5	5	4	4	4	3	3	3	5	5	5
A. F. 369	327	307	272	268	246	202	202	202	383	361	452	393

Total acre-feet 3782.

SKUNK CREEK—Sec. 1-14-37 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	4	3	2	3	1	1	1	1	1	1	1
2	1	4	3	2	3	1	1	1	1	1	1	1
3	1	4	3	2	3	1	1	1	1	1	1	1
4	1	4	3	2	3	1	1	1	1	1	1	1
5	1	4	3	2	3	1	1	1	1	1	1	1
6	1	4	3	2	3	1	1	1	1	1	1	1
7	1	4	3	2	3	1	1	1	1	1	1	1
8	1	4	3	2	3	1	1	1	1	1	1	1
9	1	3	3	2	3	1	1	1	1	1	1	1
10	1	3	3	2	3	1	1	1	1	1	1	1
11	2	3	3	2	3	1	1	1	1	1	1	1
12	2	3	3	2	3	1	1	1	1	1	1	1
13	2	3	3	2	3	1	1	1	1	1	1	1
14	2	3	3	2	3	1	1	1	1	1	1	1
15	2	3	3	2	3	1	1	1	1	1	1	1
16	2	3	3	2	3	1	1	1	1	1	1	1
17	2	3	3	2	3	1	1	1	1	1	1	1
18	2	3	3	2	3	1	1	1	1	1	1	1
19	2	3	3	2	3	1	1	1	1	1	1	1
20	2	3	3	2	3	1	1	1	1	1	1	1
21	3	3	3	2	3	1	1	1	1	1	1	1
22	3	3	3	2	3	1	1	1	1	1	1	1
23	3	3	3	2	3	1	1	1	1	1	1	1
24	3	3	3	2	3	1	1	1	1	1	1	1
25	3	3	3	2	3	1	1	1	1	1	1	1
26	3	3	3	2	3	1	1	1	1	1	1	1
27	3	3	3	2	3	1	1	1	1	1	1	1
28	3	3	3	2	3	1	1	1	1	1	1	1
29	3	3	3	2	3	1	1	1	1	1	1	1
30	3	3	2	2	---	1	1	1	1	1	1	1
31	3	3	2	2	---	1	1	1	1	1	1	---
Mean	2	3	3	2	3	1	1	1	1	1	1	1
Max.	3	4	3	3	3	1	1	1	1	1	1	1
Min.	1	3	2	2	2	1	1	1	1	1	1	1
A. F.	125	194	175	131	141	61	60	61	60	61	61	60

Total acre-feet 1190.

 SPOTTED TAIL CREEK, DRY—Sec. 28-23-56 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	22	17	18	17	17	13	16	15	41	37	44	23
2	22	17	18	17	17	13	16	15	30	39	44	30
3	23	17	18	17	17	13	16	16	31	24	42	27
4	24	17	18	18	17	13	16	13	30	33	43	26
5	25	17	18	18	17	13	16	14	32	49	42	28
6	26	17	18	18	17	13	16	16	28	37	42	28
7	27	17	18	18	17	13	16	18	28	35	32	26
8	28	17	18	18	17	13	16	16	31	35	23	26
9	29	17	18	18	17	13	16	16	32	33	21	26
10	30	17	18	18	17	14	15	15	26	34	34	27
11	30	17	18	18	16	14	15	16	26	35	25	28
12	31	17	18	18	16	14	15	17	23	34	19	25
13	31	17	18	18	16	14	15	17	21	29	17	25
14	32	17	18	18	16	14	15	17	22	35	16	25
15	32	17	18	18	16	14	15	17	19	38	22	24
16	31	17	19	18	15	14	15	17	21	32	22	23
17	30	17	19	18	15	14	14	18	22	35	18	19
18	29	17	19	18	15	14	14	17	26	33	47	21
19	28	18	19	18	15	15	14	17	27	36	20	23
20	27	18	19	18	15	15	14	18	33	37	22	23
21	26	18	19	18	15	15	14	14	31	34	22	23
22	25	18	18	18	15	15	14	18	31	34	23	23
23	24	18	18	18	15	15	15	15	32	30	23	23
24	23	18	18	18	15	15	16	15	31	44	20	26
25	22	18	18	18	14	15	15	26	32	44	22	26
26	21	18	18	18	14	15	16	16	33	42	26	25
27	20	18	17	18	14	15	19	15	37	38	26	24
28	19	18	17	18	14	15	19	16	36	39	29	26
29	18	18	17	18	---	16	19	16	39	41	27	25
30	17	18	17	18	---	16	16	17	38	42	25	24
31	17	---	17	18	---	16	---	28	---	42	26	---
Mean	25	17	18	18	16	14	16	17	30	37	28	25
Max.	32	18	19	18	17	16	19	28	41	44	47	30
Min.	17	17	17	17	15	13	14	13	19	24	16	19
A. F.	1565	1035	1109	1101	875	875	928	1033	1763	2243	1714	1484

Total acre-feet 15725.

SPOTTED TAIL CREEK, WET—Sec. 6-22-55 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	14	12	11	11	12	11	10	10	12	16	13	15
2	14	13	11	11	12	11	10	9	12	16	13	15
3	14	13	11	11	12	11	10	9	12	16	13	15
4	13	13	11	11	12	11	10	9	12	15	13	15
5	13	13	11	11	12	11	10	9	12	15	13	15
6	13	13	11	11	12	10	10	9	12	15	13	15
7	13	13	11	11	12	10	10	9	12	15	13	16
8	12	13	11	11	12	10	10	9	12	15	12	15
9	12	12	11	11	12	10	10	9	12	15	12	15
10	12	12	11	11	12	10	10	9	12	14	13	15
11	12	12	11	11	12	10	10	9	11	14	13	15
12	11	12	11	11	12	10	10	9	11	14	13	15
13	11	12	11	11	12	10	10	9	12	14	13	15
14	11	12	11	11	11	10	10	9	12	14	13	14
15	11	12	11	11	11	10	10	9	11	13	13	14
16	11	12	11	11	11	10	10	9	11	13	13	14
17	11	12	11	11	11	10	10	9	11	12	14	14
18	11	12	11	11	11	10	10	9	11	12	17	14
19	11	12	11	11	11	10	10	9	11	12	15	14
20	11	12	11	11	11	10	10	9	12	12	14	14
21	11	12	11	12	11	10	10	9	12	13	14	14
22	12	12	11	12	11	10	9	9	12	12	14	14
23	12	12	11	12	11	10	9	9	13	12	15	14
24	12	12	11	12	11	10	9	10	13	12	15	14
25	12	11	11	12	11	10	9	10	14	12	15	15
26	12	11	11	12	11	10	10	10	14	12	15	15
27	12	11	11	12	11	10	10	10	15	13	15	15
28	12	11	11	12	11	10	9	10	15	13	15	15
29	12	11	11	12	---	10	8	11	15	13	15	15
30	12	11	11	12	---	10	8	11	16	12	15	15
31	12	---	11	12	---	10	---	11	---	12	15	---
Mean	12	12	11	11	11	10	10	9	12	13	14	15
Max.	14	13	11	12	12	11	10	11	16	16	17	16
Min.	11	11	11	11	11	10	8	9	11	12	12	14
A. F.	738	716	676	698	637	625	577	577	738	829	851	873

Total acre-feet 8535.

 SPRING CREEK—Sec. 4-23-58 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	9	8	7	9	8	8	7	8	11	10	8
2	10	9	8	7	9	8	8	7	8	11	9	8
3	10	9	8	8	9	8	8	7	8	11	9	8
4	10	9	8	8	9	8	8	7	8	11	9	8
5	10	9	8	8	9	8	8	7	8	11	9	8
6	10	9	8	8	9	8	8	7	8	11	9	8
7	10	9	8	8	9	8	8	7	8	11	9	8
8	10	9	8	8	9	8	8	7	8	11	9	8
9	10	9	8	8	9	8	8	7	8	11	9	8
10	10	9	8	8	9	8	8	7	8	11	9	8
11	10	9	9	8	9	8	8	7	8	11	9	8
12	10	9	8	8	9	8	8	7	8	11	9	8
13	10	9	8	8	9	8	8	7	8	11	9	8
14	10	9	9	8	9	8	8	7	8	11	9	8
15	10	9	8	8	9	8	8	8	8	11	9	9
16	10	9	8	8	9	8	8	8	8	11	8	9
17	10	9	8	8	9	8	8	8	8	11	8	9
18	10	9	9	8	9	8	8	8	8	11	8	9
19	10	9	8	8	9	8	8	8	8	11	8	9
20	10	9	8	9	9	8	8	8	8	11	8	9
21	10	9	8	9	8	8	8	8	8	11	8	9
22	10	9	8	9	8	8	8	8	8	11	8	9
23	10	9	8	9	8	8	8	8	9	11	8	9
24	10	9	8	9	8	8	8	8	9	11	8	10
25	10	9	8	9	8	8	8	8	9	11	8	10
26	9	9	8	9	8	8	8	8	9	11	8	10
27	9	9	8	9	8	8	8	8	10	11	8	10
28	9	9	8	9	8	8	8	8	10	10	8	10
29	9	9	7	9	---	8	8	8	10	10	8	10
30	9	9	7	9	---	8	8	8	10	10	8	10
31	9	---	7	9	---	8	---	8	---	10	8	---
Mean	10	9	8	8	9	8	8	8	8	11	9	9
Max.	10	9	9	9	9	8	8	8	10	11	10	10
Min.	9	9	7	7	8	8	7	8	10	8	8	8
A. F.	603	535	492	512	484	492	476	464	500	668	524	522

Total acre-feet 6272.

STREVER CREEK—Sec. 1-8-20 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	8	5	9	1	5	8	9	19	23	0	0
2	0	8	5	9	1	5	8	13	24	16	0	0
3	0	8	5	9	1	5	7	12	27	12	0	0
4	0	8	5	8	1	5	7	21	44	8	0	0
5	0	8	6	7	1	6	7	20	55	7	0	0
6	0	8	6	6	1	6	7	17	34	5	0	0
7	0	8	6	5	1	6	7	16	30	4	0	0
8	0	9	6	4	1	6	7	22	27	4	0	3
9	0	10	7	4	1	6	8	20	30	3	0	5
10	0	10	7	4	1	7	8	18	27	3	0	8
11	8	10	7	3	2	7	9	23	27	2	0	8
12	8	10	7	3	2	7	9	24	26	2	0	8
13	8	10	8	3	2	7	10	26	22	1	0	10
14	8	11	8	3	2	7	10	25	22	0	0	10
15	8	11	8	3	2	8	11	27	23	0	0	10
16	8	11	8	2	3	8	11	27	23	0	0	10
17	8	11	9	2	3	9	12	28	26	0	0	12
18	8	11	9	2	3	9	12	27	24	0	0	12
19	8	11	9	2	3	9	13	24	23	0	0	12
20	8	11	9	2	3	10	13	24	23	0	0	13
21	8	11	9	2	4	10	9	22	23	0	0	12
22	8	11	9	2	4	11	10	20	22	0	0	11
23	8	11	9	2	4	11	13	17	20	0	0	10
24	8	12	9	2	4	12	17	17	18	0	0	1
25	8	12	9	2	4	12	13	15	17	0	0	0
26	8	12	9	1	4	11	10	16	16	0	0	0
27	8	12	9	1	4	11	15	33	23	0	0	0
28	8	12	9	1	5	10	11	34	30	0	0	0
29	8	10	9	1	—	10	9	23	32	0	0	0
30	8	7	9	1	—	9	9	24	30	0	0	0
31	8	—	9	1	—	9	—	22	—	0	0	—
Mean	5	10	8	3	2	8	10	21	26	3	0	5
Max.	8	12	9	9	5	12	17	34	55	23	0	13
Min.	0	7	5	1	1	5	7	9	16	0	0	0
A. F.	333	599	474	210	135	504	595	1321	1561	179	0	307

Total acre-feet 6218.

THIRTY MILE WASTE NO. 1, LITTLE WASTEWAY—Sec. 35-11-25 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	0	12	0	0	0	0
2	*	*	*	*	*	*	0	15	17	0	0	0
3	*	*	*	*	*	*	0	5	0	0	0	0
4	*	*	*	*	*	*	0	1	0	0	0	0
5	*	*	*	*	*	*	*	5	0	0	0	0
6	*	*	*	*	*	*	*	0	0	0	0	0
7	*	*	*	*	*	*	*	0	0	0	0	0
8	*	*	*	*	*	*	*	10	0	0	0	0
9	*	*	*	*	*	*	*	0	0	0	0	0
10	*	*	*	*	*	*	*	1	0	0	0	0
11	*	*	*	*	*	*	*	39	0	0	0	0
12	*	*	*	*	*	*	*	3	0	0	0	0
13	*	*	*	*	*	*	*	0	0	0	0	0
14	*	*	*	*	*	*	*	0	0	0	0	30
15	*	*	*	*	*	*	*	7	0	0	0	30
16	*	*	*	*	*	*	*	0	0	0	0	33
17	*	*	*	*	*	*	*	0	0	0	0	15
18	*	*	*	*	*	*	*	0	0	0	0	45
19	*	*	*	*	*	*	*	0	0	0	0	30
20	*	*	*	*	*	*	*	33	0	0	0	45
21	*	*	*	*	*	*	*	17	0	39	0	22
22	*	*	*	*	*	*	*	1	0	33	0	3
23	*	*	*	*	*	*	*	0	0	0	0	0
24	*	*	*	*	*	*	*	4	0	0	0	0
25	*	*	*	*	*	*	*	26	0	0	0	0
26	*	*	*	*	*	*	*	1	4	1	0	0
27	*	*	*	*	*	*	*	6	4	15	0	0
28	*	*	*	*	*	*	*	22	5	6	0	12
29	*	*	*	*	*	*	*	14	0	0	0	0
30	*	*	*	*	*	*	*	13	0	0	0	0
31	*	*	*	*	*	*	*	0	0	0	0	—
Mean	*	*	*	*	*	*	*	4	4	4	0	8
Max.	*	*	*	*	*	*	*	33	39	39	0	45
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	272	220	220	0	525

Total acre-feet 1237.

*No record.

THIRTY MILE WASTE NO. 2, MIDDLE WASTEWAY—Sec. 7-10-24 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	0	0	0	0
2	0	8	0	0	0
3	4	20	0	0	0
4	6	20	0	0	0
5	18	24	0	0	0
6	7	15	0	0	0
7	5	13	0	0	0
8	4	11	0	0	0
9	0	8	0	0	0
10	2	16	0	0	0
11	5	15	0	0	0
12	0	13	0	0	0
13	1	12	0	0	0
14	0	9	0	0	0
15	0	13	0	0	9
16	0	20	0	0	6
17	0	16	0	0	2
18	0	15	0	0	2
19	0	19	0	0	2
20	13	0	14	0	1
21	3	0	9	0	6
22	3	0	19	0	2
23	3	0	18	0	0
24	4	0	0	0	0
25	14	2	0	0	0
26	9	3	8	0	0
27	8	13	23	0	0
28	2	5	18	0	0
29	---	.	16	0	2	0	0
30	---	.	10	0	0	0	0
31	---	.	---	0	---	0	---
Mean	3	3	12	0	1
Max.	16	18	24	0	9
Min.	3	0	0	0	0
A. F.	168	168	750	0	59

Total acre-feet 1145.

*No record.

THIRTY MILE WASTE NO. 3, HENDERSON WASTEWAY—
Sec. 8-10-24 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	39	0	0	0
2	0	40	17	0	0
3	0	26	15	0	0
4	0	24	30	0	0
5	22	37	0	0
6	6	31	0	0
7	0	29	0	0
8	0	26	0	0
9	2	27	0	0
10	11	26	0	0
11	0	28	0	0
12	13	19	0	0
13	19	17	0	0
14	9	19	0	0
15	6	23	0	17
16	6	19	0	7
17	0	22	0	13
18	0	24	0	17
19	0	23	0	0
20	19	0	14	0
21	0	0	19	0
22	0	0	15	0
23	0	0	0	6
24	0	0	0	0
25	14	5	0	0
26	17	13	30	0
27	10	22	16	2
28	9	17	0	22
29	---	.	.	17	0	0	12
30	---	.	.	7	0	0	0
31	---	.	.	---	0	---	---
Mean	3	9	17	4
Max.	19	40	37	22
Min.	0	0	0	0
A. F.	184	555	1043	216

Total acre-feet 1998.

*No record.

TOOHEY SPILLWAY—Sec. 19-23-56 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	3	10	3	9	11	1	1	0	0	0	0
2	1	3	10	3	9	11	1	1	0	0	0	0
3	2	3	10	3	9	11	1	0	0	0	0	0
4	3	3	10	3	9	11	1	0	0	0	0	0
5	3	3	10	3	9	11	1	1	0	0	0	0
6	3	3	15	3	11	10	1	23	0	0	0	0
7	3	3	16	2	11	10	1	23	0	0	0	0
8	3	3	17	2	11	10	1	20	0	0	0	0
9	3	3	18	2	11	10	1	20	0	0	0	0
10	3	3	17	2	11	8	1	1	0	0	0	0
11	3	3	16	2	11	8	1	1	0	0	0	1
12	3	3	15	2	11	8	1	0	0	0	0	1
13	3	3	14	2	11	8	1	0	0	0	0	1
14	3	3	13	2	11	8	1	0	0	0	0	1
15	3	3	11	2	11	6	1	0	0	0	0	1
16	3	3	10	3	11	6	1	0	0	0	0	1
17	3	3	9	3	11	6	1	0	0	0	0	1
18	3	3	8	3	11	6	1	0	0	0	0	1
19	3	3	7	3	11	4	1	0	0	0	0	1
20	3	3	6	3	11	4	1	0	0	0	0	1
21	3	3	5	5	11	4	1	0	0	0	0	1
22	3	3	5	5	11	2	1	0	0	0	0	1
23	3	3	4	5	11	2	0	0	0	0	0	1
24	3	3	4	5	11	2	0	0	0	0	0	1
25	3	3	4	5	11	2	0	0	0	0	0	1
26	3	5	4	7	11	2	0	0	0	0	0	1
27	3	5	4	7	11	2	0	0	0	0	0	1
28	3	5	4	7	11	2	0	0	0	0	0	1
29	3	5	4	7	---	2	0	0	0	0	0	1
30	3	5	4	7	---	2	42	7	0	0	0	1
31	3	---	4	7	---	1	---	0	---	0	0	---
Mean	3	3	9	4	11	6	2	3	0	0	0	1
Max.	3	5	18	7	11	11	42	23	0	0	0	1
Min.	1	3	4	2	9	1	0	0	0	0	0	0
A. F.	173	198	571	234	591	377	127	194	0	0	0	40

Total acre-feet 2505.

TUB SPRINGS—Sec. 8-22-55 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	55	45	35	27	23	22	21	17	84	8	21	5
2	55	46	34	27	23	22	21	17	70	12	7	4
3	55	47	34	26	23	22	20	17	49	21	5	4
4	55	48	33	26	23	22	20	20	81	52	5	22
5	55	48	33	25	23	22	20	23	69	28	5	35
6	50	47	32	25	23	22	20	23	62	21	5	71
7	50	47	32	24	23	22	20	26	50	17	5	54
8	50	46	31	24	23	22	20	24	52	16	5	52
9	50	46	31	24	23	22	20	23	54	7	5	65
10	50	45	31	24	23	22	20	22	56	18	5	73
11	45	45	31	24	23	22	20	23	47	12	5	65
12	45	44	31	24	23	22	20	22	42	15	5	66
13	45	44	31	24	23	22	20	22	44	9	5	57
14	45	43	31	24	23	22	20	22	32	6	5	56
15	45	43	31	24	23	22	20	22	27	28	5	63
16	45	42	31	24	23	22	20	21	15	32	5	62
17	45	42	31	24	23	22	20	22	15	23	5	68
18	45	41	31	24	23	22	20	22	4	26	6	53
19	45	41	31	24	22	23	20	72	4	20	13	52
20	45	40	31	24	22	23	20	5	18	14	14	37
21	45	40	30	24	22	23	20	4	22	8	7	37
22	45	39	30	24	22	23	20	4	5	7	23	36
23	45	39	30	24	22	23	20	9	5	7	14	38
24	45	38	30	23	22	22	20	6	5	17	5	48
25	45	38	30	23	22	22	21	5	22	10	5	72
26	45	37	30	23	22	22	20	6	42	35	5	80
27	45	37	29	23	22	22	18	4	34	15	15	88
28	45	36	29	23	22	21	22	8	18	7	13	84
29	45	36	29	23	---	21	20	14	7	4	18	84
30	45	35	28	23	---	21	18	77	6	4	12	84
31	45	---	28	23	---	21	---	54	---	9	5	---
Mean	47	42	31	26	23	22	20	21	35	17	8	54
Max.	55	48	35	27	23	23	22	77	84	52	23	88
Min.	45	35	28	23	22	21	20	4	4	4	5	4
A. F.	2916	2509	1902	1620	1258	1371	1192	1303	2065	1047	512	3203

Total acre-feet 20898.

WHITE HORSE CREEK—Sec. 5-13-29 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	4	5	9	8	7	19	22	23	6	4	2	2
2	4	5	9	8	8	20	22	18	11	3	2	1
3	3	5	9	8	8	20	22	21	11	2	1	1
4	3	5	9	8	8	20	21	27	10	3	4	3
5	3	5	9	7	8	21	21	26	10	2	5	5
6	3	5	9	6	9	21	20	19	8	2	5	7
7	3	6	9	6	9	21	20	17	7	1	4	4
8	3	6	9	6	9	22	19	17	6	1	4	4
9	3	6	9	6	10	22	19	17	9	1	2	4
10	4	6	9	6	10	22	19	17	10	1	2	3
11	4	6	9	6	11	23	19	14	10	1	1	2
12	4	6	9	6	11	23	18	16	9	1	3	1
13	4	6	9	6	12	23	18	13	8	1	2	3
14	4	6	9	6	12	23	17	12	6	1	1	2
15	4	6	9	6	13	24	17	10	5	1	1	2
16	4	6	9	6	13	24	16	9	13	1	1	2
17	4	6	9	6	14	24	16	9	15	2	1	1
18	5	6	9	6	14	24	15	9	14	3	1	1
19	5	6	9	6	15	24	15	9	8	2	1	1
20	5	6	9	6	15	24	14	9	6	2	1	1
21	5	6	9	6	16	24	13	7	4	1	2	1
22	5	6	9	6	16	25	11	8	4	1	2	1
23	5	6	9	6	17	25	10	8	4	1	2	1
24	5	6	9	6	17	25	12	8	2	1	1	1
25	5	6	9	6	18	25	23	7	3	1	1	1
26	5	6	8	6	18	25	24	7	7	1	2	1
27	5	6	8	6	19	24	19	8	8	1	1	1
28	5	6	8	6	19	24	20	7	7	1	2	1
29	5	7	8	7	—	21	27	6	6	1	1	1
30	5	8	8	7	—	23	30	5	4	1	1	1
31	5	—	8	7	—	23	—	4	—	1	2	—
Mean	4	6	9	6	13	23	19	12	8	1	2	2
Max.	5	8	9	8	19	25	30	27	15	4	5	7
Min.	3	5	8	6	7	19	10	4	2	1	1	1
A. F.	260	351	541	393	706	1410	1111	767	458	91	123	119

Total acre-feet 6330.

 WHITE RIVER AT CRAWFORD—Sec. 9-31-52 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	14	19	19	25	24	27	26	23	32	14	8	10
2	14	17	23	25	24	29	26	23	24	25	8	9
3	14	19	14	24	24	28	25	25	22	17	10	28
4	13	25	17	24	24	30	25	24	25	14	9	18
5	13	27	20	24	24	30	24	23	27	13	8	12
6	17	19	20	25	25	30	24	22	24	12	8	13
7	14	16	21	21	28	29	25	25	22	12	8	12
8	15	16	22	18	21	27	26	23	21	12	8	12
9	14	17	23	22	20	28	25	22	21	11	7	12
10	14	21	21	25	22	26	24	22	22	11	7	12
11	15	20	22	26	26	26	23	22	21	13	8	11
12	15	20	22	24	27	27	24	21	26	14	9	11
13	15	20	18	25	30	28	23	22	23	17	9	11
14	15	20	22	26	28	24	23	20	22	17	8	10
15	15	20	23	23	61	28	23	21	21	13	8	11
16	16	20	24	21	31	28	22	20	21	13	7	11
17	16	21	24	25	28	27	24	20	21	11	7	11
18	16	21	24	24	28	26	23	19	18	11	13	11
19	16	18	24	25	28	26	22	19	17	13	9	11
20	16	18	24	23	24	26	23	19	17	11	9	13
21	17	19	24	19	20	26	22	27	17	10	8	11
22	18	19	22	24	28	26	22	20	16	9	8	10
23	17	19	25	25	26	26	25	19	16	9	8	10
24	18	19	24	25	26	26	23	18	15	9	8	11
25	17	22	24	24	22	22	22	18	16	9	9	12
26	17	20	25	24	24	29	22	21	18	9	9	13
27	17	21	27	24	28	24	22	18	17	9	8	13
28	17	21	20	24	27	27	26	18	16	9	8	13
29	17	21	21	24	—	27	26	17	15	8	10	14
30	17	20	19	24	—	26	24	31	14	8	12	14
31	17	—	26	23	—	28	—	23	—	8	11	—
Mean	16	20	22	24	27	27	24	22	21	12	9	12
Max.	18	27	27	26	61	30	26	31	36	25	13	28
Min.	13	16	14	18	20	22	22	17	14	8	7	9
A. F.	964	1180	1360	1460	1500	1660	1420	1320	1220	735	532	734

Total acre-feet 14080.

WHITE RIVER NEAR CHADRON—Sec. 18-33-49 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	13	2	17	3	14	44	16	201	0	4	10
2	2	16	0	18	7	17	49	16	197	0	4	6
3	3	14	0	21	8	16	48	16	38	7	4	3
4	2	8	0	30	9	23	46	16	34	6	5	3
5	2	8	0	26	17	29	45	8	108	2	7	83
6	2	10	0	12	20	30	38	4	93	0	8	29
7	9	6	0	4	16	30	26	4	32	0	7	10
8	6	19	7	0	11	22	15	4	16	0	5	10
9	4	26	4	0	12	24	10	4	14	0	5	5
10	2	37	3	0	17	28	8	6	13	0	4	3
11	1	41	2	1	22	24	6	14	10	0	8	3
12	1	34	16	2	24	20	6	10	336	0	57	2
13	1	29	34	4	26	17	9	6	217	14	24	2
14	3	32	38	6	28	14	10	7	44	25	8	1
15	2	143	47	10	28	17	10	10	22	56	2	1
16	1	73	36	13	31	24	8	7	12	22	1	0
17	1	58	34	11	32	24	7	6	7	13	3	0
18	2	38	36	10	31	23	7	5	26	8	2	0
19	1	23	36	12	28	21	7	5	22	7	1	1
20	1	13	37	8	23	19	6	5	7	7	1	3
21	1	13	34	3	17	18	6	5	5	7	0	4
22	1	9	36	4	19	14	6	4	4	10	0	4
23	3	14	38	7	19	12	6	4	2	11	0	3
24	4	17	40	9	16	10	31	4	1	11	0	1
25	4	17	40	14	13	9	32	5	0	11	0	0
26	4	12	39	18	12	9	10	4	1	13	0	0
27	6	13	30	12	12	10	6	4	2	9	1	1
28	7	3	32	7	12	14	8	4	1	5	3	8
29	7	3	28	5	—	20	12	2	1	7	7	7
30	6	4	40	10	—	34	12	—	246	1	4	8
31	7	—	28	12	—	36	—	—	308	—	4	10
Mean	3	25	23	10	18	20	18	24	49	8	6	7
Max.	9	143	47	30	32	36	49	308	336	56	57	83
Min.	1	3	0	0	3	9	6	2	0	0	0	0
A. F.	194	1470	1430	610	1030	1230	1060	1500	2910	520	371	441

Total acre-feet 12750.

WHITE TAIL CREEK—Sec. 36-15-38 W.
Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	26	26	23	27	27	30	32	17	19	9	21	16
2	26	26	23	27	27	30	32	20	18	9	26	16
3	26	26	23	27	26	31	32	20	18	12	26	16
4	26	26	23	27	26	31	32	18	17	12	26	11
5	26	27	23	27	26	31	32	18	17	12	25	16
6	26	26	23	27	26	31	32	18	16	24	18	16
7	26	26	23	27	26	31	31	24	15	25	16	16
8	26	25	23	27	26	32	31	26	16	24	24	19
9	26	25	23	27	26	32	30	26	24	22	24	19
10	26	25	23	27	26	32	30	20	24	24	24	18
11	26	25	23	27	27	32	29	18	24	24	24	17
12	26	25	23	28	27	32	29	18	21	24	24	25
13	26	24	23	30	27	32	28	19	19	24	26	22
14	26	24	23	32	27	32	16	18	21	20	26	18
15	26	24	24	34	27	32	16	18	21	16	26	18
16	26	24	24	36	28	32	16	18	20	16	26	18
17	26	24	24	38	28	32	16	22	16	16	24	18
18	26	24	24	40	28	32	16	21	16	16	25	18
19	26	24	24	42	28	32	16	19	13	16	24	22
20	26	24	24	40	28	32	16	19	13	16	23	20
21	26	24	24	38	29	32	21	19	13	16	23	21
22	26	24	25	36	29	32	20	19	13	16	23	21
23	26	24	25	34	29	32	20	20	13	15	22	24
24	26	24	25	32	29	32	20	20	11	17	24	22
25	26	23	25	30	29	32	17	21	8	16	13	23
26	26	23	25	30	30	32	17	22	11	16	24	24
27	26	23	26	29	30	32	17	22	10	16	18	23
28	26	23	26	29	30	32	17	24	10	15	16	24
29	26	23	26	28	—	32	17	23	10	15	16	24
30	26	23	26	28	—	32	17	24	9	21	16	26
31	26	—	27	27	—	32	—	24	—	20	16	—
Mean	26	24	24	31	28	32	23	21	16	18	23	20
Max.	26	26	27	42	30	32	32	26	24	25	34	25
Min.	26	23	23	27	26	30	16	18	8	9	13	11
A. F.	1599	1456	1480	1900	1531	1949	1379	1260	944	1079	1386	1170

Total acre-feet 17133.

WINTERS CREEK—Sec. 19-22-54 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	106	90	54	49	46	44	39	38	67	39	49	67
2	109	75	58	50	46	45	39	38	57	41	65	70
3	103	63	56	52	46	42	39	39	50	61	61	78
4	90	69	53	51	46	43	40	38	61	44	81	83
5	93	73	53	51	46	43	40	31	36	19	57	117
6	97	60	53	50	45	43	40	25	28	13	41	104
7	98	55	53	49	45	43	40	40	21	9	7	145
8	75	55	53	50	45	43	40	38	24	25	10	119
9	70	55	53	50	44	43	41	35	26	26	47	136
10	65	55	53	51	44	44	41	38	28	16	22	135
11	66	53	53	51	45	44	41	38	15	27	22	126
12	70	53	53	52	46	44	40	38	12	32	11	115
13	68	53	53	52	46	44	39	38	10	49	14	115
14	70	52	56	49	46	44	39	38	10	44	4	115
15	74	52	54	49	45	44	39	41	7	38	18	107
16	74	52	54	49	45	46	38	39	4	27	14	89
17	74	52	55	49	46	44	38	38	5	41	8	70
18	75	52	55	49	46	44	38	18	12	59	248	50
19	72	52	56	48	46	44	39	9	23	43	60	52
20	66	52	56	48	46	44	39	11	53	57	69	50
21	65	52	56	47	44	43	39	4	42	38	148	41
22	66	51	53	48	44	44	39	4	34	28	97	17
23	66	48	53	47	44	43	39	4	20	91	78	28
24	64	48	53	47	44	44	40	5	5	91	37	57
25	66	48	53	48	44	41	39	4	20	82	47	61
26	68	48	53	47	44	41	39	18	30	82	45	62
27	70	47	53	46	44	41	39	39	44	21	69	65
28	68	50	50	46	44	41	41	43	35	36	53	67
29	65	47	49	46	---	41	40	60	38	28	38	88
30	90	54	49	46	---	40	39	77	30	27	46	92
31	92	---	49	46	---	41	---	66	---	32	82	---
Mean	77	56	53	49	45	43	39	32	28	41	52	84
Max.	109	90	58	52	46	46	41	77	67	91	248	145
Min.	64	47	49	46	44	40	38	4	4	9	4	17
A. F.	4750	3300	3280	3000	2500	2650	2350	1970	1680	2510	3230	5000

Total acre-feet 36220.

 WINTERS CREEK CANAL WASTE TO WINTERS CREEK—
 Sec. 19-22-54 W.
 Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	*	*	*	*	*	*	0.0	3.6	0	0	0
2	*	*	*	*	*	*	*	*	3.1	*	*	*
3	*	*	*	*	*	*	*	*	1.7	*	*	*
4	*	*	*	*	*	*	*	*	1.7	*	*	*
5	*	*	*	*	*	*	*	*	1.3	*	*	*
6	*	*	*	*	*	*	*	*	.0	*	*	*
7	*	*	*	*	*	*	*	*	.0	*	*	*
8	*	*	*	*	*	*	*	*	.0	*	*	*
9	*	*	*	*	*	*	*	*	.0	*	*	*
10	*	*	*	*	*	*	*	*	.0	*	*	*
11	*	*	*	*	*	*	*	*	.0	*	*	*
12	*	*	*	*	*	*	*	*	.0	*	*	*
13	*	*	*	*	*	*	*	*	.0	*	*	*
14	*	*	*	*	*	*	*	*	.0	*	*	*
15	*	*	*	*	*	*	*	*	.8	*	*	*
16	*	*	*	*	*	*	*	*	.8	*	*	*
17	*	*	*	*	*	*	*	.0	.8	*	*	*
18	*	*	*	*	*	*	*	15.6	1.6	*	*	*
19	*	*	*	*	*	*	*	7.0	2.4	*	*	*
20	*	*	*	*	*	*	*	.0	5.6	*	*	*
21	*	*	*	*	*	*	*	*	5.4	*	*	*
22	*	*	*	*	*	*	*	*	2.4	*	*	*
23	*	*	*	*	*	*	*	*	4.4	*	*	*
24	*	*	*	*	*	*	*	*	3.4	*	*	*
25	*	*	*	*	*	*	*	*	2.4	2	*	*
26	*	*	*	*	*	*	*	*	2.4	3	*	*
27	*	*	*	*	*	*	*	*	1.6	*	*	*
28	*	*	*	*	*	*	*	*	.8	*	*	*
29	*	*	*	*	*	*	*	*	.8	*	*	*
30	*	*	*	*	*	*	*	.0	.3	*	*	*
31	*	---	*	*	---	*	---	3.6	---	*	*	---
Mean	*	*	*	*	*	*	*	*	*	*	*	*
Max.	*	*	*	*	*	*	*	*	*	*	*	*
Min.	*	*	*	*	*	*	*	*	*	*	*	*
A. F.	*	*	*	*	*	*	*	52.0	94.0	10	*	*

*No record.

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	8	10	13	14	3	9	11	14	19	13	24	1770
2	6	9	10	15	6	8	10	13	19	10	16	117
3	4	9	8	15	10	9	10	15	19	12	12	1060
4	3	9	8	13	12	9	10	16	18	14	9	117
5	8	10	7	12	13	9	9	15	18	12	7	404
6	9	10	7	12	12	9	10	22	19	10	5	181
7	7	8	3	13	14	9	13	16	18	13	4	83
8	6	7	1	14	15	10	12	14	20	9	2	49
9	7	7	1	14	13	9	12	14	20	8	3	43
10	8	6	2	15	15	11	12	1370	20	9	2	26
11	3	5	3	14	16	11	12	136	20	8	2	32
12	8	5	5	13	18	11	12	50	20	8	2	72
13	9	5	3	13	15	12	14	40	22	5	2	34
14	9	5	3	15	10	12	14	34	21	18	2	21
15	9	5	3	17	5	18	21	36	18	14	2	17
16	9	4	4	18	1	26	19	36	17	384	5	16
17	9	3	4	18	0	20	16	44	22	6	4	14
18	10	3	5	19	0	16	15	37	8	1	1220	10
19	10	2	5	15	1	14	14	33	4	3	206	13
20	10	3	6	13	1	14	16	33	4	51	49	10
21	9	6	6	12	1	14	16	29	6	33	35	11
22	10	8	6	12	2	16	16	29	5	22	32	9
23	9	10	4	12	3	14	15	33	2	14	26	7
24	9	15	5	9	4	14	16	27	3	13	23	8
25	9	20	7	4	4	14	15	25	107	126	20	9
26	9	20	10	4	5	14	15	24	32	136	234	8
27	11	20	12	5	7	14	14	22	26	130	676	8
28	12	18	14	9	8	13	13	20	20	41	235	8
29	11	17	13	8	—	12	12	336	18	39	214	10
30	11	16	13	2	—	11	14	20	16	34	170	9
31	10	—	14	1	—	10	—	22	—	29	133	—
Mean	8	9	6	12	8	13	14	83	19	40	111	140
Max.	12	20	14	19	18	26	21	1370	107	384	1220	1770
Min.	3	2	1	1	0	8	9	13	2	1	2	7
A. F.	518	545	398	735	431	780	809	5110	1150	2430	6810	8300

Total acre-feet 28020.

BALD DRAIN—Sec. 32-23-56 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	4	4	3	3	2	2	2	2	16	17	15	7
2	4	4	3	3	2	2	2	2	11	17	15	26
3	4	4	3	3	2	2	2	2	7	17	15	28
4	4	4	3	3	2	2	2	2	8	17	15	26
5	4	4	3	3	2	2	2	2	7	17	12	24
6	4	4	3	3	2	2	2	2	7	17	9	22
7	4	4	3	3	2	2	2	2	7	17	6	20
8	4	4	3	3	2	2	2	2	7	17	6	20
9	4	4	3	3	2	2	2	2	7	17	5	20
10	4	4	3	3	2	2	2	2	7	17	5	20
11	4	4	3	3	2	2	2	2	7	18	5	22
12	4	4	3	3	2	2	2	2	7	18	5	24
13	4	4	3	3	2	2	2	2	10	19	5	26
14	4	4	3	3	2	2	2	2	14	19	5	28
15	4	4	3	3	2	2	2	2	18	20	5	30
16	4	4	3	3	2	2	2	2	22	30	5	25
17	4	4	3	3	2	2	2	2	20	41	5	20
18	6	4	3	3	2	2	2	20	20	42	5	15
19	10	4	3	3	2	2	2	28	20	43	5	10
20	12	4	3	3	2	2	2	28	20	44	5	10
21	15	4	3	2	2	2	2	20	22	46	5	8
22	17	4	3	2	2	2	2	15	20	45	6	8
23	19	4	3	2	2	2	2	10	19	40	6	6
24	15	4	3	2	2	2	2	8	19	35	6	6
25	12	3	3	2	2	2	2	8	19	30	6	6
26	10	3	3	2	2	2	2	7	18	25	6	5
27	8	3	3	2	2	2	2	7	18	20	6	5
28	6	3	3	2	2	2	2	6	18	19	6	5
29	5	3	3	2	—	—	—	14	18	18	7	5
30	4	3	3	2	—	—	—	16	18	17	7	5
31	4	—	3	2	—	—	—	18	—	16	7	—
Mean	7	4	3	3	2	2	2	8	14	22	7	16
Max.	19	4	3	3	2	2	2	28	22	46	15	30
Min.	4	3	3	2	2	2	2	2	7	16	5	5
A. F.	419	226	184	161	111	127	119	478	855	1537	438	956

Total acre-feet 5611.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 4-20-52 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	47	42	38	35	32	32	26	28	34	17	39	22
2	49	42	39	35	32	32	26	27	36	17	38	88
3	53	42	38	35	32	30	26	26	37	18	35	85
4	54	42	36	35	32	32	27	28	39	18	40	69
5	53	41	36	35	32	32	27	28	35	19	39	70
6	54	42	37	34	32	32	16	28	22	19	39	62
7	53	42	36	34	32	32	28	28	13	20	40	53
8	51	42	32	34	32	32	29	28	15	20	39	55
9	50	41	35	34	32	30	36	33	14	21	39	53
10	49	41	35	34	32	30	42	33	15	20	40	52
11	50	41	37	33	32	29	35	32	15	21	39	60
12	49	41	37	33	32	30	39	29	18	21	34	70
13	47	41	37	35	32	32	34	29	19	19	37	67
14	46	40	39	35	32	32	33	28	20	21	36	59
15	47	41	40	35	32	35	53	28	20	20	37	58
16	46	41	39	35	33	33	34	74	21	20	37	59
17	47	41	39	35	32	33	32	57	22	21	37	60
18	59	40	39	35	32	32	31	68	24	16	37	62
19	48	40	38	33	32	30	30	69	22	40	36	62
20	48	40	38	32	32	30	29	47	30	70	36	61
21	46	41	37	32	32	28	29	50	30	47	37	60
22	45	40	36	32	32	28	29	42	35	18	42	56
23	45	41	36	31	32	28	28	38	42	22	38	54
24	45	41	35	31	32	28	28	35	36	17	36	57
25	44	41	35	30	32	27	28	34	45	19	37	61
26	45	39	35	32	32	27	27	32	44	22	39	61
27	44	38	35	32	32	27	35	30	41	22	39	60
28	43	38	35	32	32	28	30	36	41	35	28	60
29	43	38	36	32	---	27	29	30	39	42	28	60
30	42	38	37	32	---	27	36	37	30	32	32	57
31	42	---	35	31	---	26	---	35	---	42	32	---
Mean	47	40	36	33	32	30	31	37	28	25	36	60
Max.	59	42	40	35	33	35	53	74	45	70	42	88
Min.	42	38	32	30	32	26	16	26	13	16	28	22
A.F.	2940	2420	2260	2050	1780	1850	1850	2280	1690	1540	2270	3600

Total acre-feet 26530.

BEAVER CREEK NEAR BEAVER CITY—Sec. 23-2-23 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1.5	0.3	0.7	0.7	0.0	6.2	3.7	17	215	30	194	11
2	1.5	.3	.6	.8	.1	4.9	3.6	36	216	27	66	20
3	1.3	.3	.5	.6	.2	4.9	3.6	27	243	23	37	17
4	.9	.3	.5	.5	.5	4.9	3.6	59	235	20	22	7.1
5	.9	.3	.3	.5	1.0	5.2	3.4	19	260	22	18	8.9
6	.7	.3	.2	.5	1.0	6.4	3.0	15	267	19	15	6.8
7	.7	.3	.1	.4	1.0	4.4	2.7	57	130	77	14	3.9
8	.9	.3	.0	.3	1.1	4.4	3.3	23	98	32	142	3.4
9	.7	.3	.0	.4	1.0	4.1	1.3	111	92	27	103	3.1
10	.7	.2	.1	.5	1.5	4.4	3.9	63	183	23	28	2.5
11	.7	.1	.3	.5	1.8	4.1	3.1	78	66	15	15	1.6
12	.7	.1	.4	.5	2.3	3.6	2.4	59	57	14	11	1.0
13	.7	.1	.5	.5	3.0	4.1	3.3	50	42	12	8.7	1.1
14	.6	.1	.5	.8	1.7	4.2	3.0	42	38	11	7.5	2.0
15	.6	.1	.5	1.0	.2	4.5	1.6	33	43	22	6.6	1.1
16	1.0	.1	.4	.9	.0	6.9	17	29	52	474	6.2	.4
17	1.0	.1	.4	.8	.0	4.7	3.9	27	50	131	5.6	.1
18	.7	.1	.5	.7	.0	3.9	3.3	23	82	33	4.5	.1
19	.5	.0	.6	.5	.0	3.9	18	20	122	19	4.7	.4
20	.5	.0	.7	.5	.0	3.9	29	19	207	15	3.4	.4
21	.5	.0	.7	.6	.0	3.9	16	18	263	11	2.3	.3
22	.5	.1	.5	.7	.2	4.1	11	17	288	10	1.5	.5
23	.5	.2	.4	.7	1.8	4.4	10	16	134	10	1.5	3.7
24	.9	.3	.3	.5	5.2	4.1	7.7	15	72	10	1.6	2.7
25	.4	.5	.3	.4	5.9	4.1	9.2	14	60	122	2.0	2.0
26	.4	.5	.5	.4	5.4	3.7	8.0	14	49	97	1.3	1.3
27	.4	.4	.6	.6	5.9	3.3	8.7	13	44	37	41	1.0
28	.4	.3	.8	.7	5.4	4.4	8.7	30	43	29	20	.6
29	.4	.5	1.0	.8	---	4.5	7.5	34	39	132	3.9	.5
30	.3	.6	.9	.5	---	4.4	7.3	155	31	27	1.0	.4
31	.3	---	.7	.1	---	4.1	---	264	---	196	19	---
Mean	0.7	0.2	0.4	0.5	1.6	4.4	7.5	45	124	55	26.0	3.5
Max.	1.5	.6	1.0	1.0	5.9	6.9	29	264	288	474	194	20
Min.	.3	.0	.0	.1	.0	3.3	1.3	13	31	10	1.0	.1
A.F.	43	14	29	36	92	275	447	2770	7380	3430	1600	208

Total acre-feet 16320.

BELMONT CANAL WASTE TO CEDAR CREEK—Sec. 23-18-48 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	0	0	0	0
2	*	*	*	*	*	*	*	0	0	0	0	0
3	*	*	*	*	*	*	*	0	0	0	0	5
4	*	*	*	*	*	*	*	0	0	0	0	0
5	*	*	*	*	*	*	*	15	0	0	0	10
6	*	*	*	*	*	*	*	16	0	0	0	10
7	*	*	*	*	*	*	*	15	0	0	0	4
8	*	*	*	*	*	*	*	15	0	0	0	14
9	*	*	*	*	*	*	*	14	0	0	0	0
10	*	*	*	*	*	*	*	12	0	0	0	0
11	*	*	*	*	*	*	*	12	0	0	0	0
12	*	*	*	*	*	*	*	13	0	0	0	4
13	*	*	*	*	*	*	*	0	0	0	0	8
14	*	*	*	*	*	*	*	0	0	0	0	10
15	*	*	*	*	*	*	*	0	0	6	0	12
16	*	*	*	*	*	*	*	0	3	3	0	12
17	*	*	*	*	*	*	*	0	2	2	0	11
18	*	*	*	*	*	*	*	0	2	0	0	6
19	*	*	*	*	*	*	*	0	4	0	0	5
20	*	*	*	*	*	*	*	0	5	0	0	0
21	*	*	*	*	*	*	*	0	2	15	0	0
22	*	*	*	*	*	*	*	0	0	16	0	0
23	*	*	*	*	*	*	*	0	0	16	0	0
24	*	*	*	*	*	*	*	0	0	17	0	0
25	*	*	*	*	*	*	*	0	0	17	0	0
26	*	*	*	*	*	*	*	0	0	16	0	0
27	*	*	*	*	*	*	*	0	0	10	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	*	*	*	*	*	*	*	14	3	12	0	9
Max.	*	*	*	*	*	*	*	16	5	17	0	12
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	222	36	234	0	220

Total acre-feet 712.

*No record.

BELMONT CANAL WASTE TO PUMPKINSEED CREEK—
Sec. 23-19-50 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	0	0	13	0
2	*	*	*	*	*	*	*	*	0	24	13	13
3	*	*	*	*	*	*	*	*	0	29	3	0
4	*	*	*	*	*	*	*	*	0	17	0	0
5	*	*	*	*	*	*	*	*	0	17	0	0
6	*	*	*	*	*	*	*	*	23	14	0	0
7	*	*	*	*	*	*	*	*	0	0	0	0
8	*	*	*	*	*	*	*	*	9	0	0	0
9	*	*	*	*	*	*	*	*	0	0	0	0
10	*	*	*	*	*	*	*	*	0	0	0	0
11	*	*	*	*	*	*	*	*	0	0	0	0
12	*	*	*	*	*	*	*	*	0	0	0	0
13	*	*	*	*	*	*	*	*	0	0	0	0
14	*	*	*	*	*	*	*	*	0	0	0	0
15	*	*	*	*	*	*	*	*	0	0	0	0
16	*	*	*	*	*	*	*	*	0	0	0	0
17	*	*	*	*	*	*	*	*	0	0	0	0
18	*	*	*	*	*	*	*	*	0	0	0	0
19	*	*	*	*	*	*	*	*	0	0	0	0
20	*	*	*	*	*	*	*	*	0	0	0	0
21	*	*	*	*	*	*	*	*	0	0	0	0
22	*	*	*	*	*	*	*	*	0	0	0	0
23	*	*	*	*	*	*	*	*	21	0	0	0
24	*	*	*	*	*	*	*	*	0	0	0	0
25	*	*	*	*	*	*	*	*	0	0	0	0
26	*	*	*	*	*	*	*	*	0	0	0	0
27	*	*	*	*	*	*	*	*	0	0	0	0
28	*	*	*	*	*	*	*	*	0	12	0	0
29	*	*	*	*	*	*	*	*	0	11	0	0
30	*	*	*	*	---	*	*	*	0	11	0	0
31	*	---	*	*	---	*	---	*	---	11	0	---
Mean	*	*	*	*	*	*	*	*	18	16	10	13
Max.	*	*	*	*	*	*	*	*	23	29	13	13
Min.	*	*	*	*	*	*	*	*	0	0	0	0
A. F.	*	*	*	*	*	*	*	*	105	290	58	26

Total acre-feet 479.

*No record.

BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	170	170	170	147	90	153	144	137	140	150	67	100
2	170	163	185	156	98	174	153	140	128	163	71	185
3	167	153	192	156	106	163	156	144	134	170	97	205
4	150	147	188	170	115	163	153	144	131	150	108	174
5	147	147	185	163	120	156	147	134	134	147	108	254
6	163	140	214	153	125	144	131	153	134	150	108	156
7	170	156	201	163	140	150	61	147	137	196	108	147
8	178	163	69	192	150	140	364	140	137	144	103	156
9	170	156	80	185	137	153	150	150	144	134	103	160
10	178	150	120	170	144	160	156	144	178	134	131	170
11	174	140	110	170	160	167	150	144	134	137	119	178
12	167	140	115	163	170	163	150	150	131	134	114	170
13	170	140	130	196	144	167	160	153	137	134	111	167
14	160	134	144	170	131	178	163	140	150	119	111	144
15	174	128	136	185	125	218	218	131	140	117	128	140
16	163	134	130	196	110	178	167	134	137	167	153	140
17	170	144	170	214	90	181	160	153	137	263	125	147
18	181	140	201	214	88	160	163	196	134	131	108	144
19	153	144	192	205	84	167	160	140	134	114	100	144
20	153	120	192	205	86	153	153	156	160	103	87	144
21	153	135	192	205	92	156	150	156	167	103	128	153
22	140	160	196	205	100	153	153	144	140	92	137	144
23	147	188	205	205	112	156	160	137	134	80	137	140
24	150	188	196	192	116	160	153	137	144	80	134	137
25	153	185	120	144	124	153	153	140	156	75	137	137
26	153	163	138	185	138	156	153	134	144	85	140	147
27	147	160	156	218	156	167	268	134	140	83	150	144
28	147	156	174	185	156	170	147	137	137	83	122	156
29	147	153	150	163	---	178	147	137	144	69	114	160
30	137	163	147	120	---	147	144	226	188	65	100	160
31	147	---	147	80	---	147	---	196	---	71	100	---
Mean	160	152	160	177	122	162	163	149	143	124	115	157
Max.	181	188	214	218	170	218	364	226	188	263	153	254
Min.	137	120	69	80	84	140	61	131	128	65	67	100
A. F.	9820	9040	9810	10860	6760	9980	9690	9140	8500	7620	7060	8320

Total acre-feet 107600.

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-42 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	47	45	107	102	112	96	88	78	94	10	15	4
2	36	50	107	102	118	95	88	78	79	15	12	47
3	36	51	105	102	122	94	94	74	86	41	16	149
4	30	53	103	102	127	93	92	77	70	199	52	114
5	29	56	101	101	133	97	84	72	65	168	69	89
6	36	70	98	102	120	90	84	68	62	89	68	67
7	61	80	95	100	112	99	60	66	60	175	69	79
8	63	81	94	102	111	98	134	61	61	149	68	89
9	62	89	97	107	111	95	114	62	67	59	68	97
10	56	90	101	106	111	96	109	62	58	52	73	94
11	32	91	106	102	106	93	95	59	50	57	85	152
12	25	98	110	88	104	92	87	59	55	37	82	134
13	20	103	106	116	101	94	87	60	64	24	80	123
14	20	102	104	116	101	96	89	61	76	14	80	115
15	26	103	112	114	94	104	111	70	68	6	85	110
16	34	104	112	118	80	105	114	75	57	8	116	107
17	34	105	113	133	80	97	85	78	47	100	91	103
18	35	95	111	129	79	94	84	102	36	204	36	101
19	39	110	109	122	78	93	82	112	34	88	2	101
20	41	108	108	132	72	93	80	267	36	76	1	99
21	45	109	107	128	79	93	79	127	81	50	42	99
22	45	112	109	126	85	87	77	98	69	45	85	94
23	45	111	108	134	90	84	78	86	53	39	86	99
24	45	112	96	122	91	90	78	84	51	34	86	99
25	45	111	91	110	94	92	78	86	85	18	86	99
26	50	110	106	127	97	90	86	77	130	22	87	92
27	73	105	115	141	97	87	142	73	58	25	82	91
28	76	104	112	138	95	86	163	71	44	21	14	89
29	73	108	107	133	---	91	95	86	32	20	8	87
30	61	108	106	102	---	90	84	151	18	20	6	69
31	48	---	103	108	---	86	---	154	---	21	5	---
Mean	44	92	105	115	100	93	94	88	61	60	56	96
Max.	76	112	115	141	133	105	163	267	130	204	116	152
Min.	20	45	91	88	72	84	60	59	18	6	1	4
A. F.	2710	5560	6460	7070	5550	5730	5600	5420	3660	3730	3480	5740

Total acre-feet 60650.

BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	126	87	112	155	105	109	185	488	2250	527	616	158
2	177	82	135	133	110	100	106	1960	1130	1020	706	160
3	65	84	116	148	110	173	60	719	1720	806	582	155
4	89	89	128	126	110	163	178	1710	1200	650	659	108
5	53	88	137	98	122	241	133	4910	848	617	588	104
6	23	99	120	127	110	231	180	2700	680	926	452	164
7	25	103	98	125	190	178	166	2620	484	1030	237	169
8	44	97	85	143	131	148	242	1620	475	815	360	159
9	40	121	82	77	106	233	205	1340	464	591	259	99
10	85	90	78	153	169	115	118	1380	394	506	254	126
11	85	87	85	95	175	185	208	1490	1860	602	272	1280
12	86	89	85	99	107	287	161	1200	1540	838	308	1930
13	60	103	90	115	73	185	210	1150	429	811	254	5530
14	56	97	95	120	188	193	188	1390	278	622	306	3040
15	83	116	95	134	148	188	158	1290	945	448	1530	1050
16	137	85	99	116	119	180	1290	898	512	444	539	588
17	83	97	124	131	83	293	355	1160	564	2670	390	350
18	137	116	129	120	70	352	276	861	502	1640	323	123
19	135	115	100	122	75	270	110	765	642	768	270	309
20	150	107	164	138	80	263	110	1700	634	275	192	315
21	115	88	151	161	95	255	106	1800	567	428	116	283
22	123	121	100	146	116	152	88	1330	2090	299	246	314
23	148	114	146	136	99	192	114	898	5520	375	132	259
24	93	121	108	115	113	352	174	765	4540	540	143	221
25	125	114	141	90	104	589	176	594	3900	430	71	156
26	80	127	136	95	190	458	147	580	2930	322	67	288
27	94	137	150	99	156	295	275	824	1470	1108	76	260
28	114	114	91	112	263	329	309	2180	926	1920	46	222
29	85	107	134	132	-----	152	351	1400	724	2090	86	128
30	89	115	114	125	-----	212	340	968	547	834	92	102
31	55	-----	146	100	-----	148	-----	2810	-----	705	108	-----
Mean	92.3	104	115	122	126	233	223	1468	1359	828	332	605
Max.	177	137	164	161	263	589	1290	4910	5520	2670	1530	5530
Min.	23	82	78	77	70	100	60	488	278	275	46	99
A. F.	5670	6170	7090	7510	6980	14320	13290	90270	80860	50890	20390	36000

Total acre-feet 339400.

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 5-1-3 E.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	124	109	130	141	90	164	132	226	988	262	286	134
2	117	111	128	139	100	164	127	230	1530	292	212	222
3	116	109	123	138	110	158	126	181	690	392	179	486
4	123	110	120	133	125	155	128	556	464	445	160	302
5	96	109	96	144	130	150	126	1000	368	450	142	238
6	102	107	75	139	149	147	130	339	308	392	138	230
7	99	113	65	125	152	141	133	282	276	296	133	208
8	100	109	65	115	165	142	130	284	244	242	132	190
9	103	109	60	115	155	152	127	341	136	215	132	170
10	102	111	65	120	150	152	132	294	215	190	332	155
11	103	113	70	125	141	145	130	282	282	181	379	254
12	95	110	70	125	141	141	127	310	224	172	540	321
13	102	113	75	130	141	141	130	387	206	170	262	246
14	100	107	80	135	134	142	128	901	303	170	195	203
15	100	113	85	150	130	150	130	1210	304	170	306	454
16	117	107	100	155	88	172	141	729	252	181	354	888
17	130	65	110	150	70	145	142	454	374	278	244	1060
18	132	50	110	155	75	139	172	352	240	142	1090	907
19	127	55	105	152	80	141	141	332	222	144	1590	337
20	124	60	105	147	85	138	134	927	222	177	645	286
21	117	70	120	145	95	139	133	1110	201	234	354	246
22	117	80	105	141	100	138	128	1220	1350	298	272	221
23	116	110	70	142	100	130	126	1170	1060	149	234	199
24	114	128	65	139	105	133	132	517	469	132	201	183
25	114	136	70	106	120	133	139	412	548	123	179	172
26	110	144	90	95	152	126	248	579	876	120	167	164
27	111	139	110	100	176	127	244	1070	524	481	158	152
28	110	126	120	100	177	128	212	1190	440	822	150	149
29	114	123	130	105	-----	127	215	904	341	423	145	142
30	106	128	145	95	-----	130	226	762	294	1420	139	138
31	109	-----	141	80	-----	127	-----	1880	-----	514	139	-----
Mean	111	106	96.9	128	123	142	149	659	462	312	309	302
Max.	132	144	145	155	177	172	248	1880	1530	1420	1590	1060
Min.	95	50	60	80	70	126	126	181	136	120	132	134
A. F.	6840	6300	5960	7900	6820	8760	8860	40520	27470	19190	19020	17960

Total acre-feet 175600.

**BUFFALO CREEK—Sec. 33-9-18 W.
Year Ending September 30, 1938**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	14	0	0	1	4	0	1	47	22	58	135	4
2	10	0	0	1	4	0	1	51	31	37	29	1
3	8	0	0	1	4	0	1	37	22	31	14	1
4	6	0	0	1	4	0	1	31	33	47	4	10
5	4	0	0	1	4	0	2	53	54	56	4	21
6	2	0	0	0	4	0	4	51	34	57	3	22
7	2	0	0	0	4	0	8	100	18	62	1	19
8	2	0	1	0	4	0	6	150	24	45	0	39
9	3	0	1	0	3	0	3	100	24	75	1	33
10	4	0	1	0	3	1	3	64	28	140	0	34
11	4	0	2	0	3	1	1	49	34	56	0	32
12	5	0	2	0	2	1	1	53	28	41	0	22
13	4	0	4	0	2	2	1	100	75	60	0	19
14	4	0	4	0	2	2	1	150	20	26	0	39
15	6	0	4	0	2	2	2	100	23	26	0	47
16	6	0	4	0	1	4	2	47	37	14	0	23
17	4	0	4	0	1	4	2	37	43	38	0	20
18	3	4	4	0	1	4	2	24	108	47	0	22
19	2	8	4	0	0	3	2	24	52	12	0	18
20	1	10	4	0	0	3	2	31	25	9	0	42
21	0	17	4	0	0	3	2	36	15	4	0	41
22	0	10	3	0	0	2	4	27	12	4	0	48
23	0	5	3	0	0	2	4	68	10	0	0	41
24	0	2	2	0	0	2	6	26	49	0	0	32
25	0	1	2	1	0	1	8	65	34	0	0	34
26	0	1	2	1	0	1	10	82	61	3	0	37
27	0	1	1	1	0	1	15	49	104	4	0	32
28	0	1	1	1	0	1	31	40	51	1	0	38
29	0	0	1	1	---	1	30	26	28	4	0	34
30	0	0	1	2	---	1	35	26	65	7	0	41
31	0	---	1	2	---	1	---	23	---	126	0	---
Mean	3	2	2	0.5	2	1	6	57	39	35	6	28
Max.	14	17	4	2.0	4	4	35	150	108	140	135	48
Min.	0	0	0	.0	0	0	0	23	10	0	0	1
A. F.	184	121	119	28	103	85	379	3505	2309	2162	379	1678

Total acre-feet 11652.

**BULL DRAIN—Sec. 19-13-28 W.
Year Ending September 30, 1938**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	1	1	2	2	2	2	2	1	1	1
2	1	1	1	1	2	2	2	2	2	3	1	2
3	1	1	1	1	2	2	2	2	2	2	1	2
4	1	1	1	1	2	2	2	2	1	2	1	3
5	1	1	1	1	2	2	3	2	1	2	1	2
6	1	1	1	1	2	2	3	3	1	2	1	2
7	1	1	1	1	2	2	3	2	1	2	1	2
8	1	1	1	1	2	2	3	2	1	2	1	2
9	1	1	1	1	2	2	3	2	1	1	1	2
10	1	1	1	1	2	2	3	2	2	1	1	2
11	1	1	1	1	2	2	3	2	1	1	1	2
12	1	1	1	2	2	2	3	2	1	1	1	2
13	1	1	1	2	2	2	3	2	1	1	1	2
14	1	1	1	2	2	2	3	1	1	1	1	1
15	1	1	1	2	2	2	4	1	1	1	1	1
16	1	1	1	2	2	2	3	1	1	1	1	1
17	1	1	1	2	2	2	3	1	1	1	1	1
18	1	1	1	2	2	2	3	1	1	1	1	1
19	1	1	1	2	2	2	3	1	1	1	1	1
20	1	1	1	2	2	2	3	2	2	1	1	1
21	1	1	1	2	3	2	3	2	1	1	1	1
22	1	1	1	2	3	2	3	2	1	1	1	1
23	1	1	1	2	3	2	3	2	1	1	1	1
24	1	1	1	2	3	2	3	2	1	1	1	1
25	1	1	1	2	3	2	3	2	1	1	1	1
26	1	1	1	2	3	2	3	2	1	1	1	1
27	1	1	1	2	3	2	3	2	1	1	1	1
28	1	1	1	2	4	2	3	2	1	1	1	1
29	1	1	1	2	---	2	3	2	1	1	1	1
30	1	1	1	2	---	2	3	1	1	1	1	1
31	1	---	1	2	---	1	---	---	1	1	1	---
Mean	1	1	1	1	2	2	3	2	1	1	1	1
Max.	1	1	1	2	3	2	4	2	2	3	1	3
Min.	1	1	1	1	2	2	2	1	1	1	1	1
A. F.	61	60	61	101	127	143	175	127	75	77	61	85

Total acre-feet 1153.

CAMP CLARK SEEP—Sec. 9-20-51 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	4	3	3	3	3	3	3	1	3	4	0	0
2	4	3	3	3	3	3	3	1	3	4	5	5
3	4	3	3	3	3	3	3	1	3	4	8	8
4	4	3	3	3	3	3	3	1	3	4	8	8
5	4	3	3	3	3	3	3	1	3	4	8	8
6	4	3	3	3	3	3	3	1	3	4	8	8
7	4	3	3	3	3	3	3	1	3	4	8	8
8	4	3	3	3	3	3	3	1	3	4	8	8
9	4	3	3	3	3	3	3	1	3	5	8	8
10	4	3	3	3	3	3	3	1	3	6	8	8
11	4	3	3	3	3	3	3	1	3	7	8	8
12	4	3	3	3	3	3	3	1	3	8	8	8
13	4	3	3	3	3	3	3	1	3	0	8	8
14	4	3	3	3	3	3	3	1	3	0	7	7
15	4	3	3	3	3	3	3	1	3	0	7	7
16	4	3	3	3	3	3	3	1	3	0	7	7
17	4	3	3	3	3	3	3	1	3	0	7	7
18	4	3	3	3	3	3	3	1	3	0	7	7
19	4	3	3	3	3	3	3	1	3	0	7	7
20	4	3	3	3	3	3	3	1	3	0	7	7
21	4	3	3	3	3	3	3	1	3	0	7	7
22	4	3	3	3	3	3	3	1	3	0	7	7
23	4	3	3	3	3	3	3	1	3	0	7	7
24	4	3	3	3	3	3	3	1	3	0	7	7
25	4	3	3	3	3	3	3	1	3	0	7	7
26	4	3	3	3	3	3	3	1	3	0	7	7
27	4	3	3	3	3	3	3	1	3	0	7	7
28	4	3	3	3	3	3	3	1	3	0	7	7
29	4	3	3	3	3	3	3	1	3	0	7	7
30	4	3	3	3	3	3	3	1	3	0	7	7
31	4	3	3	3	3	3	3	1	3	0	7	7
Mean	4	3	3	3	3	3	3	1	3	2	7	7
Max.	4	3	3	3	3	3	3	1	3	8	8	8
Min.	4	3	3	3	3	3	3	1	3	0	0	0
A. F.	246	179	184	184	112	124	89	61	119	184	115	420

Total acre-feet 2017.

Camp Clark Seep water enters DeGraw Drain above DeGraw Drain rating station.

CASTLE ROCK SEEP—20-21-53 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	1	1	1	1	1	1	1	1
2	*	*	*	*	1	1	1	1	1	1	1	1
3	*	*	*	*	1	1	1	1	1	1	1	1
4	*	*	*	*	1	1	1	1	1	1	1	1
5	*	*	*	*	1	1	1	1	1	1	1	1
6	*	*	*	*	1	1	1	1	1	1	1	1
7	*	*	*	*	1	1	1	1	1	1	1	1
8	*	*	*	*	1	1	1	1	1	1	1	1
9	*	*	*	*	1	1	1	1	1	1	0	1
10	*	*	*	*	1	1	1	1	1	1	0	1
11	*	*	*	*	1	1	1	1	1	1	1	1
12	*	*	*	*	1	1	1	1	1	1	0	1
13	*	*	*	*	1	1	1	1	1	1	0	1
14	*	*	*	*	1	1	1	1	1	1	1	1
15	*	*	*	*	1	1	1	1	1	1	0	1
16	*	*	*	*	1	1	1	1	1	1	0	1
17	*	*	*	*	1	1	1	1	1	1	0	1
18	*	*	*	*	1	1	1	1	1	1	1	1
19	*	*	*	*	1	1	1	1	1	1	0	1
20	*	*	*	*	1	1	1	1	1	1	0	1
21	*	*	*	*	1	1	1	1	1	1	0	1
22	*	*	*	*	1	1	1	1	1	1	1	1
23	*	*	*	*	1	1	1	1	1	1	1	1
24	*	*	*	*	1	1	1	1	1	1	0	1
25	*	*	*	*	1	1	1	1	1	1	0	1
26	*	*	*	*	1	1	1	1	1	1	1	1
27	*	*	*	*	1	1	1	1	1	1	1	1
28	*	*	*	*	1	1	1	1	1	1	0	1
29	*	*	*	*	---	1	1	1	1	1	1	1
30	*	*	*	*	---	1	1	1	1	1	0	1
31	*	*	*	*	---	1	1	1	1	1	0	1
Mean	*	*	*	*	1	1	1	1	1	1	0.5	1
Max.	*	*	*	*	1	1	1	1	1	1	1	2
Min.	*	*	*	*	1	1	1	1	1	1	0	1
A. F.	*	*	*	*	56	61	60	61	60	61	28	61

Total acre-feet 448.

*No record.

CASTLE ROCK WASTE—Sec. 34-21-53 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	4	.	.	.	.	.	.	0	6	0	0	1
2	0	14	0	0	11
3	0	1	1	11	1
4	0	0	11	8	23
5	0	5	8	1	0
6	0	10	3	3	0
7	0	5	1	11	0
8	0	1	0	0	0
9	4	.	.	.	.	.	.	0	2	0	0	0
10	0	4	0	0	0
11	0	4	0	0	0
12	0	5	0	0	0
13	0	1	0	0	0
14	0	1	0	0	0
15	0	1	0	0	0
16	0	1	2	0	0
17	0	1	30	0	0
18	0	3	0	0	0
19	0	22	0	0	0
20	0	22	0	0	0
21	0	5	0	0	0
22	0	0	0	0	19
23	0	0	17	0	19
24	0	0	21	0	12
25	0	0	21	0	11
26	0	0	34	0	11
27	1	0	31	0	4
28	5	1	28	0	4
29	5	11	1	0	5
30	5	5	23	0	8
31	19	—	2	0	—
Mean	10	—	15	6	10
Max.	19	4	34	11	23
Min.	0	0	0	0	0
A. F.	16	.	.	.	.	.	.	69	180	464	67	254

Total acre-feet 1054.

*No record.

 CEDAR BRANCH CREEK—Sec. 17-14-35 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1			1	1								1
2			1	1								1
3			1	1								1
4			1	1								1
5			1	1								1
6			1	1								1
7			1	1								1
8			1	1								1
9			1	1								1
10			1	1								1
11			1	1								1
12			1	1								1
13			1	1								1
14			1	1								1
15			1	1								1
16			1	1								1
17			1	1								1
18			1	1								1
19			1	1								1
20			1	1								1
21			1	1								1
22			1	1								1
23			1	1								1
24			1	1								1
25			1	1								1
26			1	1								1
27			1	1								1
28			1	1								1
29			1	1								1
30			1	1								1
31			1	1								1
Mean			1	1								1
Max.			1	1								1
Min.			1	1								1
A. F.	123	79	61	93	111	137	125	133	129	129	69	143

Total acre-feet 1342.

CEDAR CREEK—Sec. 11-18-48 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	25	13	12	14	11	15	13	11	12	12	13	5
2	24	13	12	14	11	15	12	11	12	9	13	19
3	23	13	12	14	12	15	12	11	11	8	13	22
4	23	13	12	14	12	15	11	11	11	12	8	15
5	27	13	12	14	13	15	11	27	11	12	6	30
6	21	13	12	14	13	15	12	29	12	12	7	25
7	20	13	12	13	14	15	11	27	12	14	7	19
8	20	13	12	13	14	14	11	27	13	13	5	30
9	20	13	12	13	15	14	11	26	12	13	5	14
10	20	12	12	13	15	14	10	26	12	12	5	14
11	20	12	12	13	16	14	10	26	8	11	11	14
12	20	12	12	13	16	14	10	28	8	11	11	16
13	20	12	12	13	17	14	10	16	7	11	11	30
14	18	12	12	13	17	14	10	16	9	11	11	28
15	16	12	12	13	17	14	12	15	9	18	31	29
16	16	12	12	13	16	14	11	15	15	15	12	28
17	15	12	12	13	15	14	10	60	12	12	11	27
18	15	12	12	13	15	14	8	17	5	12	11	23
19	15	12	12	13	15	14	8	18	4	9	6	22
20	15	12	12	13	15	14	8	19	6	28	5	15
21	15	12	13	13	15	14	9	17	5	30	5	15
22	15	12	13	13	15	14	9	19	8	30	12	15
23	14	12	13	13	15	14	9	16	9	32	12	15
24	14	12	13	13	15	14	9	17	45	33	12	14
25	14	12	13	13	15	14	9	15	28	32	12	16
26	14	12	13	13	15	13	9	15	23	45	12	15
27	14	12	13	13	15	13	9	13	12	19	12	15
28	14	12	13	13	15	13	12	13	12	18	5	15
29	14	12	13	13	---	13	13	12	12	13	5	15
30	14	12	13	12	---	13	12	12	12	13	5	15
31	14	---	14	11	---	13	---	13	---	13	5	---
Mean	18	12	12	13	14	14	10	19	12	17	9	19
Max.	25	13	14	14	17	15	13	60	45	45	31	30
Min.	14	12	12	11	11	13	8	11	4	8	5	5
A. F. 1080	732	761	805	811	862	615	1197	728	1057	583	1141	

Total acre-feet 10367.

CENTRAL CANAL WAST¹⁷—Sec. 4-21-54 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	11	1	2	0
2	*	*	*	*	*	*	*	0	4	14	1	0
3	*	*	*	*	*	*	*	0	0	19	3	0
4	*	*	*	*	*	*	*	0	0	7	3	0
5	*	*	*	*	*	*	*	0	0	8	2	0
6	*	*	*	*	*	*	*	0	21	7	1	0
7	*	*	*	*	*	*	*	0	7	3	1	1
8	*	*	*	*	*	*	*	0	6	5	1	7
9	*	*	*	*	*	*	*	0	3	1	3	4
10	*	*	*	*	*	*	*	5	6	10	1	3
11	*	*	*	*	*	*	*	1	8	5	0	3
12	*	*	*	*	*	*	*	5	10	5	0	4
13	*	*	*	*	*	*	*	1	22	7	1	7
14	*	*	*	*	*	*	*	2	16	7	0	1
15	*	*	*	*	*	*	*	2	14	5	0	0
16	*	*	*	*	*	*	*	2	8	7	0	0
17	*	*	*	*	*	*	*	1	6	2	0	0
18	*	*	*	*	*	*	*	1	12	15	0	0
19	*	*	*	*	*	*	*	1	10	5	0	0
20	*	*	*	*	*	*	*	0	3	8	0	0
21	*	*	*	*	*	*	*	0	7	16	0	0
22	*	*	*	*	*	*	*	0	10	5	0	0
23	*	*	*	*	*	*	*	0	10	4	0	0
24	*	*	*	*	*	*	*	0	6	9	0	0
25	*	*	*	*	*	*	*	0	0	11	0	0
26	*	*	*	*	*	*	*	8	0	7	0	0
27	*	*	*	*	*	*	*	3	6	5	0	0
28	*	*	*	*	*	*	*	0	13	3	0	0
29	*	*	*	*	---	*	*	5	6	2	0	0
30	*	*	*	*	---	*	*	7	2	1	0	0
31	*	---	*	*	---	*	---	17	---	1	0	---
Mean	*	*	*	*	*	*	*	4	9	7	2	4
Max.	*	*	*	*	*	*	*	17	22	19	3	7
Min.	*	*	*	*	*	*	*	0	0	1	0	0
A. F.*	*	*	*	*	*	*	*	121	450	407	38	60

Total acre-feet 1076.

*No record.

CHIMNEY ROCK CANAL WASTE NO. 1—Sec. 14-20-52 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	1	2	2	1
2	*	*	*	*	*	*	*	0	1	2	2	6
3	*	*	*	*	*	*	*	0	2	2	2	4
4	*	*	*	*	*	*	*	0	1	3	1	5
5	*	*	*	*	*	*	*	0	2	3	1	5
6	*	*	*	*	*	*	*	0	5	2	2	4
7	*	*	*	*	*	*	*	0	6	1	0	4
8	*	*	*	*	*	*	*	0	2	1	3	4
9	*	*	*	*	*	*	*	0	1	0	1	4
10	*	*	*	*	*	*	*	0	1	0	1	2
11	*	*	*	*	*	*	*	0	1	0	0	3
12	*	*	*	*	*	*	*	0	1	0	1	1
13	*	*	*	*	*	*	*	0	1	0	2	1
14	*	*	*	*	*	*	*	0	1	0	4	1
15	*	*	*	*	*	*	*	3	3	0	4	1
16	*	*	*	*	*	*	*	1	3	0	1	1
17	*	*	*	*	*	*	*	1	3	0	1	1
18	*	*	*	*	*	*	*	1	3	0	1	1
19	*	*	*	*	*	*	*	5	5	0	1	1
20	*	*	*	*	*	*	*	0	5	1	1	1
21	*	*	*	*	*	*	*	0	6	1	1	1
22	*	*	*	*	*	*	*	2	1	2	1	1
23	*	*	*	*	*	*	*	0	1	1	1	1
24	*	*	*	*	*	*	*	0	2	1	1	1
25	*	*	*	*	*	*	*	0	2	1	1	1
26	*	*	*	*	*	*	*	0	7	1	1	0
27	*	*	*	*	*	*	*	0	7	1	1	0
28	*	*	*	*	*	*	*	0	2	4	1	0
29	*	*	*	*	---	*	*	0	2	8	1	0
30	*	*	*	*	---	*	*	1	2	2	1	1
31	*	---	*	*	---	*	---	0	---	1	1	---
Mean	*	*	*	*	*	*	*	2	3	2	1	2
Max.	*	*	*	*	*	*	*	5	7	8	4	6
Min.	*	*	*	*	*	*	*	0	1	0	0	0
A. F.	*	*	*	*	*	*	*	28	159	79	83	113

Total acre-feet 462.

*No record.

 CHIMNEY ROCK CANAL WASTE NO. 2—Sec. 18-20-51 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	0	2	3	1
2	*	*	*	*	*	*	*	*	0	4	4	3
3	*	*	*	*	*	*	*	*	0	3	2	3
4	*	*	*	*	*	*	*	*	0	2	2	3
5	*	*	*	*	*	*	*	*	0	2	1	3
6	*	*	*	*	*	*	*	*	0	2	1	3
7	*	*	*	*	*	*	*	*	0	1	1	3
8	*	*	*	*	*	*	*	*	0	1	0	3
9	*	*	*	*	*	*	*	*	0	1	0	3
10	*	*	*	*	*	*	*	*	0	1	0	3
11	*	*	*	*	*	*	*	*	0	1	0	1
12	*	*	*	*	*	*	*	*	0	0	0	1
13	*	*	*	*	*	*	*	*	0	0	0	1
14	*	*	*	*	*	*	*	*	0	0	0	1
15	*	*	*	*	*	*	*	*	0	0	0	1
16	*	*	*	*	*	*	*	*	0	0	1	1
17	*	*	*	*	*	*	*	*	0	0	1	1
18	*	*	*	*	*	*	*	*	1	0	1	1
19	*	*	*	*	*	*	*	*	1	0	1	1
20	*	*	*	*	*	*	*	*	2	1	1	1
21	*	*	*	*	*	*	*	*	2	1	1	1
22	*	*	*	*	*	*	*	*	2	1	1	1
23	*	*	*	*	*	*	*	*	1	1	1	1
24	*	*	*	*	*	*	*	*	1	1	1	1
25	*	*	*	*	*	*	*	*	1	1	1	1
26	*	*	*	*	*	*	*	*	2	1	1	1
27	*	*	*	*	*	*	*	*	2	1	1	1
28	*	*	*	*	*	*	*	*	1	1	1	1
29	*	*	*	*	*	*	*	*	1	2	1	1
30	*	*	*	*	---	*	*	*	1	2	1	1
31	*	---	*	*	---	*	---	*	---	2	1	---
Mean	*	*	*	*	*	*	*	*	1	2	1	1
Max.	*	*	*	*	*	*	*	*	2	4	4	3
Min.	*	*	*	*	*	*	*	*	0	0	0	1
A. F.	*	*	*	*	*	*	*	*	34	69	60	79

Total acre-feet 242.

*No record.

CLEAR CREEK Sec. 32-16-41 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	4	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	10
11	4	0	0	0	0	0	0	0	0	0	0	11
12	4	0	0	0	0	0	0	0	0	0	0	12
13	4	0	0	0	0	0	0	0	0	0	0	13
14	4	0	0	0	0	0	0	0	0	0	0	14
15	4	0	0	0	0	0	0	0	0	0	0	15
16	4	0	0	0	0	0	0	0	0	0	0	16
17	4	0	0	0	0	0	0	0	0	0	0	17
18	4	0	0	0	0	0	0	0	0	0	0	18
19	4	0	0	0	0	0	0	0	0	0	0	19
20	4	0	0	0	0	0	0	0	0	0	0	20
21	4	0	0	0	0	0	0	0	0	0	0	21
22	4	0	0	0	0	0	0	0	0	0	0	22
23	4	0	0	0	0	0	0	0	0	0	0	23
24	4	0	0	0	0	0	0	0	0	0	0	24
25	4	0	0	0	0	0	0	0	0	0	0	25
26	4	0	0	0	0	0	0	0	0	0	0	26
27	4	0	0	0	0	0	0	0	0	0	0	27
28	4	0	0	0	0	0	0	0	0	0	0	28
29	4	0	0	0	0	0	0	0	0	0	0	29
30	4	0	0	0	0	0	0	0	0	0	0	30
31	4	0	0	0	0	0	0	0	0	0	0	31
Mean												
Max.										4		
Min.												
A. P.	349	536	502	508	269	375	294	149	27	22	184	426

Total acre-feet 4009.

CLEVELAND DRAIN- Sec. 6-20-52 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	1	1	1	1	1	1	0	7	6
2	0	0	0	1	1	1	1	1	1	0	6	5
3	0	0	0	1	1	1	1	1	1	0	5	4
4	0	0	0	1	1	1	1	1	1	0	4	3
5	0	0	0	1	1	1	1	1	1	0	3	2
6	0	0	0	1	1	1	1	1	1	0	2	1
7	0	0	0	1	1	1	1	1	1	0	1	0
8	0	0	0	1	1	1	1	1	1	0	0	0
9	0	0	0	1	1	1	1	1	1	0	0	0
10	0	0	0	1	1	1	1	1	1	0	0	0
11	0	0	0	1	1	1	1	1	1	0	0	0
12	0	0	0	1	1	1	1	1	1	0	0	0
13	0	0	0	1	1	1	1	1	1	0	0	0
14	0	0	0	1	1	1	1	1	1	0	0	0
15	0	0	0	1	1	1	1	1	1	0	0	0
16	0	0	0	1	1	1	1	1	1	0	0	0
17	0	0	0	1	1	1	1	1	1	0	0	0
18	0	0	0	1	1	1	1	1	1	0	0	0
19	0	0	0	1	1	1	1	1	1	0	0	0
20	0	0	0	1	1	1	1	1	1	0	0	0
21	0	0	0	1	1	1	1	1	1	0	0	0
22	0	0	0	1	1	1	1	1	1	0	0	0
23	0	0	0	1	1	1	1	1	1	0	0	0
24	0	0	0	1	1	1	1	1	1	0	0	0
25	0	0	0	1	1	1	1	1	1	0	0	0
26	0	0	0	1	1	1	1	1	1	0	0	0
27	0	0	0	1	1	1	1	1	1	0	0	0
28	0	0	0	1	1	1	1	1	1	0	0	0
29	0	0	0	1	1	1	1	1	1	0	0	0
30	0	0	0	1	1	1	1	1	1	0	0	0
31	0	0	0	1	1	1	1	1	1	0	0	0
Mean												
Max.					1	1	1	1	1	1	7	6
Min.					0	0	0	0	0	0	0	0
A. P.	143	61	71	72	56	61	67	157	236	267	204	236

Total acre-feet 1575

DAWSON COUNTY WASTE INTO KLM CREEK Sec. 13-0-19 W.
Year Ending September 30, 1934

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1				+	+	+		1	17	1	0	0
2								0	0	0	0	0
3								0	0	14	0	0
4								1	0	0	0	0
5								22	0	0	0	0
6								5	0	0	0	0
7								12	0	0	0	0
8								4	10	10	0	0
9								5	4	15	0	0
10								8	16	18	0	0
11								9	7	10	0	0
12								50	0	20	0	0
13								1	12	19	0	0
14								0	16	5	0	0
15								0	18	0	0	0
16								0	17	7	0	0
17								0	19	0	0	0
18								0	0	0	0	0
19								0	1	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	12	0	0	0
27								0	16	0	0	0
28								0	11	0	0	0
29								0	5	0	0	0
30								0	0	0	0	0
31								0	0	0	0	0
Mean								4	6	5	0	0
Max.								50	17	16	0	0
Min.								0	0	0	0	0
A. P.								250	373	260	0	0

Total acre-feet 1242.

*No record.

DAWSON COUNTY WASTE INTO FRENCH CREEK Sec. 1-10-22 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1					+	+		7	0	0	0	12
2								4	0	0	0	0
3								1	47	30	0	0
4								1	7	4	0	0
5								17	1	4	0	0
6								21	15	0	0	0
7								21	0	4	0	0
8								21	13	0	0	0
9								9	9	10	0	0
10								21	17	15	0	0
11								32	0	27	0	0
12								38	1	4	0	0
13								21	0	0	0	0
14								14	15	0	0	0
15								17	24	0	0	0
16								10	40	0	0	0
17								16	6	0	0	0
18								22	0	0	0	0
19								8	0	0	0	0
20								15	0	0	0	0
21								12	0	0	0	0
22								5	0	0	0	0
23								36	15	12	0	0
24								48	21	0	0	0
25								31	21	0	0	0
26								22	0	0	0	0
27								0	0	17	0	0
28								0	20	0	0	0
29								0	15	0	0	0
30								0	1	0	0	0
31								3	0	0	0	0
Mean								16	10	0	0	6
Max.								50	43	30	0	12
Min.								0	0	0	0	0
A. P.								1004	619	313	0	357

Total acre-feet 2295

*No record.

DeGRAW DRAIN Sec. 24-2D-54 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1		5	4	3	3	4	3	4	4	4	4	4
2		5	4	3	3	4	3	4	4	4	4	4
3		5	4	3	3	4	3	4	4	4	4	4
4		5	4	3	3	4	3	4	4	4	4	4
5		5	4	3	3	4	3	4	4	4	4	4
6		5	4	3	3	4	3	4	4	4	4	4
7		5	4	3	3	4	3	4	4	4	4	4
8		5	4	3	3	4	3	4	4	4	4	4
9		5	4	3	3	4	3	4	4	4	4	4
10		5	4	3	3	4	3	4	4	4	4	4
11		5	4	3	3	4	3	4	4	4	4	4
12		5	4	3	3	4	3	4	4	4	4	4
13		5	4	3	3	4	3	4	4	4	4	4
14		5	4	3	3	4	3	4	4	4	4	4
15		5	4	3	3	4	3	4	4	4	4	4
16		5	4	3	3	4	3	4	4	4	4	4
17		5	4	3	3	4	3	4	4	4	4	4
18		5	4	3	3	4	3	4	4	4	4	4
19		5	4	3	3	4	3	4	4	4	4	4
20		5	4	3	3	4	3	4	4	4	4	4
21		5	4	3	3	4	3	4	4	4	4	4
22		5	4	3	3	4	3	4	4	4	4	4
23		5	4	3	3	4	3	4	4	4	4	4
24		5	4	3	3	4	3	4	4	4	4	4
25		5	4	3	3	4	3	4	4	4	4	4
26		5	4	3	3	4	3	4	4	4	4	4
27		5	4	3	3	4	3	4	4	4	4	4
28		5	4	3	3	4	3	4	4	4	4	4
29		5	4	3	3	4	3	4	4	4	4	4
30		5	4	3	3	4	3	4	4	4	4	4
31		5	4	3	3	4	3	4	4	4	4	4
Mean		5	4	3	3	4	3	4	4	4	4	4
Max		5	4	3	3	4	3	4	4	4	4	4
Min.		4	3	3	3	3	3	3	3	3	3	3
A. P.	128	200	200	154	167	214	210	154	169	156	97	163

Total acre-feet 2265.

Includes discharge of Camp Clark Res.

 DICKOUT CREEK, LOWER Sec. 20-18-49 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1										0		0
2										0		0
3										0		0
4										0		0
5										0		0
6										0		0
7										0		0
8										0		0
9										0		0
10										0		0
11										0		0
12										0		0
13										0		0
14										0		0
15										0		0
16										0		0
17										0		0
18										0		0
19										0		0
20										0		0
21										0		0
22										0		0
23										0		0
24										0		0
25										0		0
26										0		0
27										0		0
28										0		0
29										0		0
30										0		0
31										0		0
Mean								0.5	0.1	0.7		0.2
Max.								1	1	1		1
Min.								0	0	0		0
A. P.								28	4	12		15

Total acre feet 90.

*No record

DUGOUT CREEK, UPPER Sec. 20-20-50 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1		6	4							12		10
2		6	4							13		14
3		6	4							14		16
4		6	4							14		17
5		6	4							14		17
6		6	4							14		17
7		6	4							14	4	16
8		6	4							14	6	15
9		6	4							14	6	15
10		6	4							14	6	15
11		6	4							14	6	15
12		6	4							14	6	15
13		6	4							14	6	15
14		6	4							14	6	15
15		6	4							14	6	15
16		6	4							14	6	15
17		6	4							14	6	15
18		6	4							14	6	15
19	4	6	4							14	6	15
20	4	6	4							14	6	15
21	4	6	4							14	6	15
22	4	6	4							14	6	15
23	4	6	4							14	6	15
24	4	6	4							14	6	15
25	4	6	4							14	6	15
26	4	6	4							14	6	15
27	4	6	4							14	6	15
28	4	6	4							14	6	15
29	4	6	4							14	6	15
30	4	6	4							14	6	15
31	4	6	4							14	6	15
Mean		7	4							15		7
Max		6	4							14		15
Min		6	4							14		15
A. P.	417	367	220	125	52	95	62	346	651	1528	175	364
Total	were feet 4625.											

FLKHOHN RIVER AT NELIGH Sec. 20-25-6 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	66	96	126	96	60	26	147	275	461	712	131	66
2	66	95	120	97	50	20	142	256	431	686	125	66
3	66	96	120	96	73	23	147	257	395	569	106	66
4	70	94	124	94	78	153	155	472	444	561	95	66
5	71	95	105	93	69	162	141	434	312	432	90	70
6	71	100	85	82	140	155	143	309	292	235	68	72
7	74	100	74	82	120	174	86	436	268	374	66	72
8	74	101	76	82	125	204	152	499	245	263	65	69
9	79	103	74	92	135	197	155	615	235	210	64	68
10	79	106	80	92	143	155	208	542	245	174	58	65
11	76	105	85	85	100	116	205	329	257	156	57	65
12	77	109	90	85	135	114	206	329	231	138	71	68
13	79	109	95	100	130	175	199	326	272	122	65	70
14	79	105	92	105	120	191	191	315	272	115	64	70
15	93	110	80	107	115	230	224	315	302	194	106	64
16	104	110	92	116	108	305	295	323	177	161	110	62
17	104	108	85	110	95	283	364	645	165	102	96	58
18	111	97	84	110	65	270	355	932	155	101	77	55
19	115	85	200	110	50	261	359	949	149	102	48	44
20	124	80	85	110	75	242	355	969	146	100	42	56
21	174	88	92	105	90	224	356	615	143	95	37	54
22	137	85	90	102	112	265	309	765	145	96	54	54
23	133	105	91	97	105	183	273	311	114	96	51	63
24	130	110	82	84	125	129	245	325	209	90	54	53
25	109	115	92	72	202	170	226	302	151	116	53	56
26	106	120	93	70	210	164	216	675	176	125	50	56
27	132	116	94	70	268	155	295	591	173	124	58	52
28	90	146	96	68	323	156	156	547	144	124	53	52
29	80	130	100	60	162	150	250	567	347	140	55	57
30	87	120	109	52	154	154	295	525	270	142	55	52
31	86	80	80	15	100	100	100	400	216	161	60	50
Mean	82	107	94	91	128	204	277	597	279	174	60	70
Max.	124	150	120	110	212	205	364	915	161	200	106	124
Min.	66	80	74	65	60	119	86	221	147	90	50	60
A. P.	5670	6370	5930	3690	2110	12680	10180	36350	14240	9540	4990	1700
Total	were feet 126250.											

ELKHORN RIVER AT WATERLOO Sec. 10-15-16 E.
Year Ending September 30, 1934

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May	June	July	Aug.	Sept.
1	444	300	375	305	170	1100	574	641	3200	499	1500	275
2	200	300	308	300	200	2350	954	578	424	573	700	291
3	254	284	402	300	210	1390	490	544	406	646	630	242
4	600	310	400	210	210	1600	490	620	760	1530	554	232
5	114	310	350	215	240	1000	475	668	794	1390	484	244
6	567	309	270	290	260	740	578	664	655	1740	494	1110
7	400	309	230	243	300	1038	475	790	641	1700	465	2050
8	358	315	220	240	250	663	490	1020	604	4630	342	1490
9	218	310	235	250	300	690	515	1090	574	3690	375	495
10	304	314	247	235	150	660	568	890	575	2470	319	978
11	280	326	240	265	425	735	535	2010	103	1690	306	100
12	264	321	245	240	420	747	540	3020	509	1130	291	604
13	276	331	235	208	425	734	564	914	573	829	218	1400
14	265	331	230	304	455	732	568	900	585	754	260	3300
15	272	345	265	310	340	707	563	575	399	435	245	2650
16	100	312	290	315	320	690	1290	872	652	544	271	2010
17	354	311	235	320	310	674	1640	312	683	509	268	1700
18	171	300	300	325	255	696	1170	1120	514	510	249	1300
19	394	325	310	320	230	732	1010	1020	475	460	214	742
20	358	340	290	335	250	750	845	2100	420	475	320	599
21	416	350	235	320	240	746	820	3620	392	490	272	138
22	123	350	300	320	270	756	764	1650	494	491	172	464
23	360	350	315	315	370	732	712	1410	312	395	210	420
24	379	310	290	290	420	652	862	1250	914	390	225	538
25	302	335	245	225	470	641	696	1130	1120	475	510	369
26	344	417	290	275	510	634	746	2040	829	370	209	355
27	340	471	230	230	670	548	729	1140	625	1050	201	327
28	326	460	235	250	730	573	1030	1970	504	1790	271	319
29	322	445	310	340	570	573	1230	2340	490	1450	214	306
30	352	402	315	325	555	553	770	3060	524	360	214	310
31	394	317	315	345	510	518	2020	2020	1050	271		
Mean	308	331	300	278	230	673	739	1054	655	1163	304	906
Max	600	471	406	315	720	7290	1640	2100	1200	4030	1500	3300
Min.	268	240	225	185	170	535	475	545	390	370	200	232
A. P.	1990	19650	15450	12170	13730	15040	4270	69200	3590	7150	21290	52910

Total acre-feet 44350

ELM CREEK Sec. 33-9-18 W
Year Ending September 30, 1934

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	34	21	5	15	0
2	0	0	0	0	0	0	0	41	0	0	0	0
3	0	0	0	0	0	0	0	40	5	0	0	0
4	0	0	0	0	0	0	0	40	4	180	0	0
5	0	0	0	0	0	0	1	24	0	21	0	0
6	0	0	0	0	0	0	1	14	0	18	0	82
7	0	0	0	0	0	0	1	160	0	200	0	21
8	0	0	0	0	0	0	1	62	0	23	0	21
9	0	0	0	0	0	0	1	31	0	30	0	23
10	0	0	0	0	0	0	1	35	36	32	0	23
11	0	0	0	0	0	0	1	9	3	31	0	30
12	0	0	0	0	0	0	1	130	35	24	0	200
13	0	0	0	0	0	0	3	100	5	21	0	31
14	0	0	0	0	0	0	4	37	21	18	0	0
15	0	0	0	0	0	0	2	23	3	6	0	2
16	0	0	0	0	0	0	2	20	0	25	2	0
17	0	0	0	0	0	0	1	4	6	0	0	4
18	0	0	0	0	0	0	1	0	0	0	0	0
19	0	0	0	0	0	0	1	0	6	19	0	5
20	0	0	0	0	0	0	1	0	0	17	0	18
21	0	0	0	0	0	0	1	0	0	0	0	0
22	0	0	0	0	0	0	1	0	0	0	0	0
23	0	0	0	0	0	0	1	0	0	0	0	0
24	0	0	0	0	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0	0	0	0
26	0	0	0	0	0	0	2	0	0	160	0	0
27	0	0	0	0	0	0	4	0	0	27	0	12
28	0	0	0	0	0	0	0	0	0	15	0	12
29	0	0	0	0	0	0	0	15	0	11	0	9
30	0	0	0	0	0	0	0	15	0	12	0	7
31	0	0	0	0	0	0	0	20	0	3	0	5
Mean	0	0	0	0	0	0	0	37	16	50	0	0
Max	0	0	0	0	0	0	4	3	37	21	0	18
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A. P.	130	0	0	0	46	20	210	1650	306	1289	50	1097

Total acre-feet 6451

ENTERPRISE CANAL WASTE INTO TUB SPRINGS Sec. 22-23-55 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	145	+	+	+	+	+	+	0	18	24	4	56
2	144	+	+	+	+	+	+	0	19	15	3	58
3	139	+	+	+	+	+	+	0	21	23	3	53
4	134	+	+	+	+	+	+	0	13	19	1	117
5	133	+	+	+	+	+	+	0	14	14	3	57
6	137	+	+	+	+	+	+	0	5	14	8	37
7	127	+	+	+	+	+	+	0	7	9	1	25
8	83	+	+	+	+	+	+	0	2	10	3	31
9	77	+	+	+	+	+	+	0	6	6	4	169
10	33	+	+	+	+	+	+	0	19	11	5	31
11	21	+	+	+	+	+	+	0	24	0	1	102
12	17	+	+	+	+	+	+	17	27	0	0	111
13	47	+	+	+	+	+	+	16	14	0	37	113
14	42	+	+	+	+	+	+	14	13	0	0	113
15	55	+	+	+	+	+	+	23	23	0	63	127
16	55	+	+	+	+	+	+	23	12	0	50	129
17	75	+	+	+	+	+	+	25	15	0	70	173
18	63	+	+	+	+	+	+	29	13	0	71	121
19	48	+	+	+	+	+	+	14	24	0	27	105
20	23	+	+	+	+	+	+	24	44	103	48	38
21	23	+	+	+	+	+	+	23	23	80	51	34
22	23	+	+	+	+	+	+	21	28	77	54	36
23	23	+	+	+	+	+	+	24	23	79	53	36
24	23	+	+	+	+	+	+	29	23	77	37	35
25	23	+	+	+	+	+	+	29	27	77	39	37
26	23	+	+	+	+	+	+	24	24	71	31	33
27	23	+	+	+	+	+	+	23	22	66	31	31
28	23	+	+	+	+	+	+	24	24	24	34	47
29	23	+	+	+	+	+	+	25	43	15	34	52
30	23	+	+	+	+	+	+	21	39	21	61	56
31	4	+	+	+	+	+	+	11	13	18	37	0
Mean	54	+	+	+	+	+	+	32	26	46	34	32
Max.	151	+	+	+	+	+	+	67	71	102	73	131
Min.	0	+	+	+	+	+	+	0	0	0	0	44
A. P.	3554	+	+	+	+	+	+	1594	1125	2466	2059	5447
Total acre-feet 18531.												
*No record												

 ENTERPRISE CANAL WASTE INTO WINTERS CREEK
 Sec. 17-22-54 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	14	+	+	+	+	+	+	0	21	8	7	2
2	13	+	+	+	+	+	+	0	21	11	1	27
3	13	+	+	+	+	+	+	0	16	24	1	25
4	13	+	+	+	+	+	+	0	17	26	0	28
5	9	+	+	+	+	+	+	0	17	14	1	24
6	13	+	+	+	+	+	+	0	17	14	1	17
7	14	+	+	+	+	+	+	0	17	17	0	20
8	14	+	+	+	+	+	+	0	18	18	0	24
9	17	+	+	+	+	+	+	0	13	20	0	30
10	26	+	+	+	+	+	+	0	14	13	0	34
11	18	+	+	+	+	+	+	0	21	18	0	28
12	18	+	+	+	+	+	+	0	16	13	0	23
13	10	+	+	+	+	+	+	0	16	15	0	16
14	17	+	+	+	+	+	+	16	23	25	0	13
15	6	+	+	+	+	+	+	16	23	27	0	12
16	5	+	+	+	+	+	+	3	23	29	0	14
17	3	+	+	+	+	+	+	8	24	18	0	15
18	2	+	+	+	+	+	+	7	25	35	0	24
19	2	+	+	+	+	+	+	4	26	28	0	25
20	1	+	+	+	+	+	+	4	13	28	0	15
21	1	+	+	+	+	+	+	7	30	24	0	23
22	+	+	+	+	+	+	+	5	4	24	0	25
23	+	+	+	+	+	+	+	5	5	18	0	28
24	+	+	+	+	+	+	+	10	5	9	0	19
25	+	+	+	+	+	+	+	10	10	18	0	16
26	+	+	+	+	+	+	+	6	0	37	0	25
27	+	+	+	+	+	+	+	5	0	31	6	24
28	+	+	+	+	+	+	+	14	0	22	24	26
29	+	+	+	+	+	+	+	3	10	10	0	23
30	+	+	+	+	+	+	+	11	16	16	0	0
Mean	13	+	+	+	+	+	+	10	16	22	5	21
Max.	24	+	+	+	+	+	+	26	24	33	24	30
Min.	0	+	+	+	+	+	+	0	0	6	0	0
A. P.	448	+	+	+	+	+	+	385	94	1289	127	1256
Total acre-feet 4396.												
*No record												

FRENCHMAN RIVER ABOVE CHAMPION—Sec. 19-6-39 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	20	14	15	30	36	18	8	40	74	8	14	12
2	20	14	15	32	34	17	8	42	36	9	13	26
3	20	14	14	32	39	17	8	42	30	9	10	28
4	20	14	14	32	40	17	9	36	17	16	28	30
5	18	15	14	28	42	17	9	22	10	15	28	28
6	20	16	14	22	40	18	15	24	16	7	27	28
7	18	16	14	24	40	18	40	28	18	11	27	26
8	14	18	15	24	30	20	39	28	18	15	27	20
9	14	20	22	22	18	18	30	28	20	15	27	20
10	14	20	33	21	20	17	20	38	26	15	26	20
11	14	18	30	21	20	15	16	28	38	12	26	22
12	15	18	30	16	20	15	14	28	33	11	26	28
13	15	26	30	20	18	15	20	28	21	9	26	30
14	16	16	33	17	20	15	16	27	15	8	26	30
15	16	16	34	17	21	17	15	27	18	10	27	30
16	16	16	36	18	34	16	15	26	21	66	26	27
17	16	16	34	22	38	15	14	26	30	196	15	27
18	16	16	36	20	38	15	14	26	32	91	7	27
19	16	16	36	18	40	15	15	24	32	170	7	26
20	17	17	36	18	40	15	15	17	26	288	7	24
21	17	16	36	17	40	14	20	14	22	112	7	22
22	17	16	36	18	33	14	22	14	22	84	7	22
23	17	16	34	20	21	14	24	15	21	52	22	22
24	20	16	34	20	24	10	33	15	20	34	27	22
25	18	16	32	26	18	9	34	18	20	30	24	22
26	17	16	32	38	30	9	26	18	18	28	24	22
27	16	15	32	38	39	9	42	18	18	20	27	20
28	14	15	32	28	14	10	45	17	18	21	22	14
29	14	15	30	22	---	9	38	22	17	21	7	14
30	14	15	30	34	---	9	40	346	13	17	7	14
31	14	---	30	36	---	8	---	141	---	15	8	---
Mean	16	16	28	24	30	14	22	39	24	45	19	22
Max.	20	26	36	38	42	20	45	346	74	288	28	30
Min.	14	14	15	16	14	8	8	14	10	7	7	12
A. F. 1020	976	1730	1490	1680	884	1320	2430	1430	2810	1200	1390	

Total acre-feet 18360.

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	36	31	28	42	33	24	15	40	104	21	29	16
2	24	18	18	34	34	32	20	39	58	15	17	35
3	23	24	28	41	38	30	5	37	47	5	23	40
4	36	29	23	39	36	28	24	40	39	11	26	51
5	26	17	15	38	44	28	14	41	25	38	29	36
6	29	26	30	37	40	30	19	38	27	21	39	40
7	20	25	18	27	42	34	19	38	37	21	34	42
8	34	31	20	24	39	25	41	36	36	18	37	34
9	20	21	28	27	28	29	37	36	37	20	35	35
10	15	23	33	39	28	26	37	37	42	12	35	35
11	27	25	30	23	27	21	42	36	49	30	36	42
12	26	33	39	25	30	23	23	35	49	14	35	47
13	32	27	47	27	23	20	29	34	42	19	34	50
14	17	27	41	35	34	33	23	34	34	18	34	54
15	31	26	46	12	19	20	39	33	36	18	37	54
16	27	27	46	23	28	27	19	33	40	78	36	52
17	12	26	47	35	37	32	20	32	49	201	40	46
18	26	15	46	20	40	24	37	32	48	193	18	43
19	21	33	46	34	39	18	20	31	47	210	26	44
20	24	18	46	20	40	20	23	31	44	398	10	40
21	24	22	45	24	45	31	34	33	39	106	19	43
22	32	26	45	27	40	15	22	28	39	66	20	37
23	20	24	44	24	40	25	34	29	37	56	27	30
24	23	27	43	29	33	22	53	29	35	42	42	37
25	33	21	42	19	23	17	52	31	34	42	31	36
26	29	34	43	36	35	30	37	27	34	20	43	40
27	27	10	45	37	38	5	56	36	34	27	34	34
28	26	21	42	36	34	20	52	26	34	17	39	32
29	16	26	45	37	---	5	38	26	33	22	34	30
30	28	25	39	21	---	12	42	382	30	23	11	30
31	15	---	35	42	---	14	---	204	---	17	25	---
Mean	25	24	36	30	34	23	30	50	41	58	30	39
Max.	36	34	47	42	45	34	56	382	104	398	43	54
Min.	12	10	15	12	19	5	5	26	25	5	10	16
A. F. 1550	1460	2270	1850	1920	1430	1840	3100	2460	3570	1850	2350	

Total acre-feet 25650.

FRENCHMAN RIVER NEAR HAMLET—Sec. 19-5-34 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	73	80	84	106	92	100	76	113	220	98	68	76
2	78	91	88	105	85	103	81	109	286	108	61	75
3	84	79	90	98	92	102	79	104	210	95	56	74
4	76	82	86	100	110	92	73	105	169	93	54	75
5	79	89	86	92	105	98	85	100	163	98	59	100
6	72	88	88	99	100	89	76	103	142	88	56	208
7	84	84	86	99	96	88	70	108	129	86	56	170
8	79	80	88	100	104	97	66	100	137	102	56	117
9	79	89	65	101	101	94	92	99	136	88	64	110
10	79	81	52	96	100	94	92	93	136	91	60	96
11	76	88	60	96	100	92	91	95	132	85	53	99
12	82	88	74	93	97	92	97	94	125	86	58	120
13	75	88	72	88	100	89	96	93	125	84	57	108
14	78	85	70	98	92	91	104	90	127	90	56	119
15	80	88	68	100	96	104	96	89	123	88	64	99
16	81	90	82	95	76	104	99	91	113	83	122	96
17	84	89	95	90	68	104	102	80	154	90	108	96
18	82	81	105	92	91	93	100	81	152	99	94	92
19	84	80	100	87	96	97	92	86	132	143	86	96
20	77	82	100	87	98	96	95	84	130	164	75	95
21	79	83	95	87	100	85	92	96	127	137	67	92
22	77	83	100	87	104	94	91	102	122	213	67	94
23	85	84	100	87	106	87	92	97	111	185	62	92
24	75	86	100	86	106	85	93	93	102	124	59	91
25	73	85	102	86	103	85	93	90	107	110	57	89
26	81	90	102	83	103	83	106	90	117	104	60	84
27	83	90	103	77	104	86	137	94	108	89	128	90
28	80	83	101	86	90	77	142	81	109	92	87	86
29	81	87	98	100	90	90	149	81	102	74	79	86
30	84	88	106	82	---	79	133	149	102	68	84	79
31	84	---	106	95	---	78	---	124	---	74	80	---
Mean	79	85	88	92	97	91	96	97	129	104	70	100
Max.	85	91	106	106	110	104	149	149	286	213	128	208
Min.	72	79	52	77	68	77	66	80	102	68	53	74
A. F.	4890	5090	5460	5710	5390	5650	5730	5980	8250	6400	4350	5960

Total acre-feet 68850.

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	23	59	137	170	151	161	127	201	280	57	31	39
2	22	58	138	169	145	167	124	156	422	138	28	53
3	28	49	135	165	161	165	126	308	374	332	26	39
4	29	56	151	156	195	154	124	183	282	106	25	40
5	28	51	142	156	175	151	127	165	236	95	22	120
6	22	51	148	150	150	153	134	146	203	95	22	135
7	24	52	143	154	165	145	140	174	181	90	23	151
8	25	50	151	151	158	138	158	174	161	85	23	150
9	29	51	124	152	174	148	137	163	146	72	26	120
10	29	57	83	158	172	143	148	158	151	60	35	113
11	26	60	96	153	170	146	153	156	127	47	32	90
12	28	64	110	153	169	145	145	150	140	40	28	75
13	29	107	100	153	169	135	142	140	129	33	28	117
14	30	89	115	150	165	130	135	142	104	32	29	100
15	31	74	121	154	167	156	153	130	76	29	29	103
16	36	72	145	154	156	170	145	126	70	34	29	96
17	47	72	158	158	124	172	150	124	208	31	32	95
18	44	82	188	158	134	179	161	111	170	31	24	96
19	47	107	172	161	140	154	160	110	299	37	20	86
20	47	104	174	161	169	170	132	113	252	44	18	94
21	48	114	176	167	172	169	129	110	158	107	18	90
22	50	126	172	155	169	169	126	102	127	42	19	86
23	47	138	183	169	178	148	110	100	114	88	15	80
24	50	150	170	165	179	132	111	92	95	86	14	78
25	47	135	172	161	174	124	110	88	90	63	18	77
26	48	130	172	132	172	129	110	70	89	61	32	73
27	44	135	170	156	172	129	148	61	88	53	310	65
28	48	138	161	185	170	127	158	58	88	42	91	64
29	47	132	169	181	---	129	163	55	82	48	49	63
30	48	137	163	160	---	129	192	228	74	42	44	59
31	58	---	165	156	---	127	---	365	---	34	40	---
Mean	37	80	149	159	164	148	139	144	167	69	38	88
Max.	58	150	188	185	195	179	192	365	422	332	310	151
Min.	22	50	83	132	124	124	110	55	70	29	14	39
A. F.	2300	5360	9130	9780	9110	9110	8290	8840	9950	4270	2340	5250

Total acre-feet 83730.

GERING CANAL WASTE NEAR MELBETA—Sec. 14-21-54 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	0	20	0	20	10	0
2	*	*	*	*	*	*	0	25	4	17	0	0
3	*	*	*	*	*	*	0	30	15	24	21	0
4	*	*	*	*	*	*	0	30	21	55	0	60
5	*	*	*	*	*	*	0	30	28	42	0	55
6	*	*	*	*	*	*	0	30	0	20	0	17
7	*	*	*	*	*	*	0	30	17	55	0	15
8	*	*	*	*	*	*	0	30	25	0	0	24
9	*	*	*	*	*	*	0	30	17	12	0	36
10	*	*	*	*	*	*	0	30	13	31	0	48
11	*	*	*	*	*	*	0	30	2	31	0	30
12	*	*	*	*	*	*	0	30	1	0	0	55
13	*	*	*	*	*	*	0	25	23	0	0	44
14	*	*	*	*	*	*	0	16	0	0	0	70
15	*	*	*	*	*	*	0	10	0	0	0	64
16	*	*	*	*	*	*	0	17	0	0	0	70
17	*	*	*	*	*	*	0	0	0	0	0	55
18	*	*	*	*	*	*	0	55	1	55	0	60
19	*	*	*	*	*	*	0	17	0	42	0	64
20	*	*	*	*	*	*	0	17	0	42	0	62
21	*	*	*	*	*	*	0	9	0	42	0	47
22	*	*	*	*	*	*	0	10	0	42	0	42
23	*	*	*	*	*	*	0	5	0	44	0	30
24	*	*	*	*	*	*	0	0	17	12	0	30
25	*	*	*	*	*	*	0	0	23	9	0	28
26	*	*	*	*	*	*	0	0	23	14	0	31
27	*	*	*	*	*	*	0	0	55	0	0	31
28	*	*	*	*	*	*	15	0	31	0	0	16
29	*	*	*	*	*	*	15	0	23	0	0	14
30	*	*	*	*	---	*	15	0	9	0	0	0
31	*	*	---	*	---	*	---	0	---	6	0	---
Mean	*	*	*	*	*	*	15	24	19	31	15	42
Max.	*	*	*	*	*	*	15	55	55	55	21	70
Min.	*	*	*	*	*	*	0	0	0	0	0	0
A. F.	*	*	*	*	*	*	89	1043	710	1220	61	2178

Total acre-feet 5301.

*No record.

 GERING DRAIN NEAR GERING—Sec. 6-21-54 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	42	29	27	24	22	23	20	41	50	45	62	50
2	38	29	28	24	22	23	20	42	61	53	57	155
3	38	29	27	24	22	23	20	28	72	54	47	144
4	36	30	27	23	22	24	20	22	57	54	42	74
5	35	27	26	24	22	23	21	22	47	71	42	107
6	37	28	29	24	21	23	21	28	26	66	41	99
7	36	29	27	22	21	24	20	33	26	80	44	96
8	36	29	24	24	23	23	22	31	28	117	43	76
9	36	28	25	24	22	24	22	57	27	98	48	86
10	37	27	26	23	23	24	24	98	27	63	42	75
11	35	27	25	23	21	23	25	59	28	48	42	76
12	35	28	27	22	24	23	23	35	34	37	44	76
13	37	28	26	23	24	24	22	41	38	34	42	64
14	35	27	26	24	24	24	22	31	29	35	44	64
15	37	27	26	23	23	25	44	31	28	35	44	63
16	36	27	26	24	24	23	23	40	27	46	44	74
17	37	30	25	24	24	23	23	42	27	65	46	92
18	42	27	26	24	24	22	23	44	25	65	45	71
19	37	27	25	23	22	22	23	44	25	66	42	79
20	33	27	24	23	23	22	23	59	31	64	41	74
21	32	28	24	22	24	22	23	48	29	59	44	68
22	32	27	24	22	23	21	23	56	33	57	44	59
23	32	28	25	23	23	21	23	52	48	60	42	57
24	32	30	23	22	23	21	23	35	64	62	44	53
25	31	29	23	22	23	21	23	30	77	63	44	53
26	31	29	24	23	24	21	22	29	85	52	44	57
27	31	28	24	23	23	21	24	28	73	50	46	50
28	31	29	24	23	23	22	23	29	69	53	45	44
29	30	29	25	23	---	30	46	29	66	52	45	40
30	29	28	25	22	---	30	53	53	65	63	44	40
31	29	---	24	22	---	30	---	60	---	63	52	---
Mean	34	28	25	23	22	22	24	41	44	59	45	73
Max.	42	30	29	24	24	25	53	98	85	117	62	155
Min.	29	27	23	22	21	20	20	22	25	34	41	40
A. F.	2130	1680	1560	1420	1270	1380	1480	2530	2620	3630	2770	4400

Total acre-feet 26870.

GOTHENBURG POWER WASTE—Sec. 9-11-25 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	172	115	40	152	34	149	136	156	145	129	147	155
2	154	120	40	154	71	153	130	152	144	110	142	152
3	157	120	28	152	119	159	117	152	143	116	143	149
4	111	130	79	154	120	160	101	157	143	117	164	153
5	20	140	29	151	155	120	110	157	144	122	161	150
6	69	141	33	150	152	125	93	152	144	114	153	149
7	5	160	62	154	155	159	31	162	145	130	154	149
8	40	158	98	158	151	154	44	158	143	142	141	144
9	121	160	77	153	155	155	109	134	140	144	140	148
10	151	160	79	153	160	155	123	190	149	134	146	137
11	140	154	95	151	164	155	124	164	143	137	153	123
12	148	152	128	151	160	149	139	126	149	126	150	138
13	145	120	129	150	156	155	131	159	149	126	146	126
14	132	145	132	150	115	148	134	159	152	181	134	125
15	124	132	130	155	53	147	124	155	149	158	135	127
16	125	125	125	153	46	149	125	151	152	144	141	130
17	125	138	128	151	21	149	133	155	151	145	140	148
18	125	66	135	149	14	155	135	158	141	145	120	114
19	125	66	140	147	12	147	132	151	124	140	153	169
20	125	38	142	146	12	157	132	157	97	146	152	169
21	125	8	148	146	12	152	132	156	129	136	151	159
22	125	0	144	148	12	159	128	156	139	120	140	154
23	123	0	145	149	12	155	136	151	148	124	139	156
24	122	0	143	91	15	150	154	156	149	111	145	157
25	118	55	125	103	65	150	148	147	149	154	146	157
26	115	77	150	44	115	149	158	153	141	122	155	157
27	113	79	153	53	132	151	162	168	140	127	159	151
28	110	36	146	64	98	149	170	143	143	127	149	152
29	111	33	156	122	---	151	153	145	142	139	146	162
30	112	39	151	110	---	149	147	144	143	140	148	158
31	112	---	154	60	---	149	---	139	---	136	154	---
Mean	116	95	112	133	125	150	126	153	142	134	147	148
Max.	172	160	156	158	164	160	170	190	152	181	164	169
Min.	5	0	28	44	12	120	31	126	97	110	120	114
A. F.	7141	5687	6891	8180	4931	9251	7519	9447	8469	8216	9019	8763

Total acre-feet 93514.

GOTHENBURG WASTE INTO BUFFALO CREEK—Sec. 8-11-22 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	7	8	10	0	0
2	5	8	17	0	0
3	10	8	15	0	0
4	17	2	18	0	0
5	20	0	12	0	3
6	19	0	12	0	5
7	20	0	19	0	5
8	12	0	17	0	5
9	10	0	13	0	5
10	22	0	10	0	2
11	3	0	14	0	5
12	3	6	2	0	5
13	5	8	2	0	5
14	1	10	0	0	9
15	3	10	0	0	9
16	3	5	0	0	9
17	13	4	0	0	15
18	10	2	0	0	2
19	8	0	0	0	16
20	8	0	0	0	16
21	8	0	0	0	18
22	7	3	3	0	17
23	7	6	0	0	17
24	8	12	0	0	16
25	8	0	0	0	16
26	10	6	0	0	14
27	8	4	0	0	12
28	6	13	0	0	11
29	6	16	0	0	8
30	---	.	6	12	0	0	7
31	---	.	8	---	0	0	---
Mean	9	5	5	0	8
Max.	22	12	19	0	18
Min.	1	0	0	0	0
A. F.	553	284	325	0	500

Total acre-feet 1662.

*No record.

GRAVEL CREEK—Sec. 9-14-36 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	4	4	3	3	3	3	3	3	3	3	3
2	3	4	4	3	3	3	3	3	3	3	3	3
3	3	4	4	3	3	3	3	3	3	3	3	3
4	3	4	4	3	3	3	3	3	3	3	3	3
5	3	4	4	3	3	3	3	3	3	3	3	3
6	3	4	4	3	3	3	3	3	3	3	3	3
7	3	4	4	3	3	3	3	3	3	3	3	3
8	3	4	4	3	3	3	3	3	3	3	3	3
9	3	4	4	3	3	3	3	3	3	3	3	3
10	3	4	4	3	3	3	3	3	3	3	3	3
11	3	4	3	3	3	3	3	3	3	3	3	3
12	3	4	3	3	3	3	3	3	3	3	3	3
13	3	4	3	3	3	3	3	3	3	3	3	3
14	3	4	3	3	3	3	3	3	3	3	3	3
15	3	4	3	3	3	3	3	3	3	3	3	3
16	4	4	3	3	3	3	3	3	3	3	3	3
17	4	4	3	3	3	3	3	3	3	3	3	3
18	4	4	3	3	3	3	3	3	3	3	3	3
19	4	4	3	3	3	3	3	3	3	3	3	3
20	4	4	3	3	3	3	3	3	3	3	3	3
21	4	4	3	3	3	3	3	3	3	3	3	3
22	4	4	3	3	3	3	3	3	3	3	3	3
23	4	4	3	3	3	3	3	3	3	3	3	3
24	4	4	3	3	3	3	3	3	3	3	3	3
25	4	4	3	3	3	3	3	3	3	3	3	3
26	4	4	3	3	3	3	3	3	3	3	3	3
27	4	4	3	3	3	3	3	3	3	3	3	3
28	4	4	3	3	3	3	3	3	3	3	3	3
29	4	4	3	3	3	3	3	3	3	3	3	3
30	4	4	3	3	3	3	3	3	3	3	3	3
31	4	---	3	3	3	3	3	3	3	3	3	3
Mean	4	4	3	3	3	3	3	3	3	3	3	3
Max.	4	4	4	3	3	3	3	3	3	3	3	3
Min.	3	4	3	2	2	2	2	3	3	3	3	3
A. F.	216	238	204	163	111	123	151	184	179	163	123	175

Total acre-feet 2030.

 HORSE CREEK NEAR LYMAN—Sec. 25-23-58 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	311	44	31	21	19	23	14	18	185	54	147	82
2	232	43	34	21	17	24	14	13	142	60	90	166
3	144	42	32	19	17	24	17	12	58	103	88	311
4	124	41	31	24	16	24	17	12	47	115	68	286
5	102	43	32	19	19	20	17	13	70	134	61	256
6	94	41	30	21	16	13	18	13	43	109	61	253
7	75	39	28	18	15	18	7	161	47	81	61	295
8	64	36	20	20	16	24	22	179	40	64	64	268
9	78	34	22	21	19	21	30	125	41	97	65	232
10	72	35	24	23	22	20	38	151	39	99	63	222
11	70	28	24	26	18	21	40	76	36	91	62	243
12	67	36	39	20	18	21	26	64	36	55	61	274
13	66	33	27	24	11	32	22	67	34	53	63	302
14	67	37	22	19	14	23	18	47	35	106	61	213
15	64	36	25	21	15	21	98	49	37	64	60	180
16	66	36	26	24	14	26	49	41	36	59	74	179
17	68	36	31	22	16	26	31	151	38	135	66	171
18	70	37	34	25	17	19	24	172	34	112	65	152
19	65	34	32	19	14	20	24	364	40	101	67	124
20	57	34	31	18	12	20	18	411	50	119	67	106
21	57	34	23	18	12	17	18	308	225	117	75	82
22	54	37	30	19	18	15	18	196	78	111	68	75
23	52	37	25	19	15	18	17	154	67	91	69	76
24	49	35	32	19	14	18	16	71	94	65	71	76
25	51	37	35	16	14	18	14	64	128	61	76	70
26	51	34	33	18	22	18	19	53	184	60	76	75
27	51	36	28	18	24	18	20	45	184	58	75	70
28	46	35	34	17	23	18	18	37	157	56	77	62
29	43	33	29	17	---	14	16	35	106	60	81	65
30	44	33	27	15	---	12	16	240	69	186	77	71
31	46	---	25	18	---	11	---	284	---	175	76	---
Mean	80	36	28	20	16	19	23	117	79	92	72	168
Max.	311	44	39	26	24	32	98	411	225	186	147	311
Min.	43	33	20	15	11	11	7	12	34	53	60	62
A. F.	4960	2190	1780	1230	926	1230	1420	7190	4720	5650	4430	9990

Total acre-feet 45710.

INDIAN CREEK—Sec. 19-20-50 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	12	7	6	5	5	5	4	3	3	4	8	16
2	11	7	6	5	5	5	4	4	43	3	10	35
3	11	7	6	5	5	5	4	4	33	5	9	21
4	11	7	6	5	5	5	4	3	26	4	8	47
5	11	7	6	5	5	5	4	4	8	23	10	100
6	11	7	6	5	5	5	5	4	5	3	6	51
7	10	7	6	5	5	5	5	3	5	4	7	46
8	10	7	6	5	5	5	4	3	3	3	5	51
9	10	7	6	5	5	5	4	4	4	4	5	48
10	10	7	5	5	5	5	4	4	3	4	7	34
11	11	7	5	5	5	4	4	4	4	4	8	39
12	10	7	5	5	5	4	4	4	4	4	9	42
13	11	7	5	5	5	4	4	4	5	5	12	25
14	10	7	5	5	5	4	4	3	6	6	11	32
15	10	7	5	5	5	4	5	3	7	4	11	26
16	10	7	5	5	5	4	5	30	6	4	15	31
17	10	7	5	5	5	4	5	9	4	7	14	28
18	12	7	5	5	5	4	5	4	5	6	15	26
19	11	7	5	5	5	4	4	9	4	8	15	26
20	11	7	5	5	5	4	4	4	5	47	14	25
21	10	7	5	5	5	4	4	5	4	4	16	29
22	10	7	5	5	5	4	4	4	5	4	15	27
23	10	7	5	5	5	4	4	3	35	5	15	27
24	9	7	5	5	5	4	4	3	39	6	14	25
25	9	6	5	5	5	4	4	3	25	6	17	25
26	9	6	5	5	5	4	4	3	34	8	21	25
27	8	6	5	5	5	4	6	3	4	9	22	25
28	8	6	5	5	5	4	5	2	5	10	25	49
29	8	6	5	5	5	4	5	3	4	9	16	41
30	7	6	5	5	5	4	5	4	4	11	13	24
31	7	---	5	5	5	4	---	4	---	3	13	---
Mean	10	7	5	5	5	4	5	5	11	7	12	35
Max.	12	7	6	5	5	5	6	30	43	47	25	75
Min.	7	6	5	5	5	4	4	2	3	3	5	16
A. F.	611	405	327	307	278	266	270	292	661	450	766	2075

Total acre-feet 6708.

KEARNEY POWER WASTE—Sec. 12-8-16 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	333	84	213	185	277	259	296	338	365	362	243
2	0	325	35	199	152	257	243	357	343	365	74	215
3	0	304	102	224	187	296	268	365	324	382	42	385
4	0	290	220	228	204	279	255	182	377	365	84	357
5	0	290	40	221	221	198	318	266	336	377	141	363
6	0	290	17	228	235	70	285	375	318	357	90	371
7	0	283	17	230	202	257	110	304	357	277	72	374
8	0	281	25	206	167	284	120	302	365	295	180	378
9	0	290	72	226	215	282	300	327	380	388	130	385
10	0	286	43	203	205	282	283	340	333	375	77	392
11	0	286	90	242	225	275	315	340	345	340	67	374
12	0	286	90	178	255	266	320	217	390	387	97	364
13	144	300	80	199	223	256	290	270	375	366	69	333
14	301	279	111	213	172	264	338	325	370	180	76	398
15	286	286	140	220	32	293	257	327	318	66	31	326
16	319	276	173	216	35	320	281	288	348	53	25	304
17	311	241	193	220	71	300	311	329	373	129	49	340
18	284	67	210	206	71	293	304	322	367	89	116	392
19	308	57	226	202	107	300	302	337	343	57	169	378
20	319	90	217	165	127	293	368	330	270	79	84	390
21	315	173	214	210	162	286	355	325	220	103	109	401
22	310	234	224	193	154	259	320	294	165	204	165	370
23	311	242	192	216	196	245	338	345	160	138	279	382
24	321	228	206	189	202	249	306	339	130	83	177	357
25	312	220	185	51	231	215	266	345	300	109	190	357
26	311	234	198	56	262	209	251	333	380	165	164	345
27	311	231	182	45	227	209	331	329	330	311	273	375
28	297	174	192	108	241	243	338	345	345	345	307	355
29	297	29	188	146	---	209	363	340	395	320	315	385
30	283	86	189	122	---	237	370	333	403	345	209	377
31	311	---	193	183	---	257	---	340	---	300	277	---
Mean	182	233	140	180	177	257	288	318	326	248	143	358
Max.	321	333	226	242	262	320	370	365	403	388	362	401
Min.	0	29	17	45	32	70	110	182	130	53	25	215
A. F.	11209	13867	8624	11420	9850	15789	17187	19573	19434	15225	8807	21340

Total acre-feet 172325.

KEITH LINCOLN COUNTY WASTE—Sec. 23-14-34 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	9	*	*	*	*	*	*	0	9	0	2	1
2	16	*	*	*	*	*	*	0	2	0	0	4
3	23	*	*	*	*	*	*	0	8	0	0	24
4	23	*	*	*	*	*	*	0	5	0	0	16
5	21	*	*	*	*	*	*	0	4	0	0	28
6	8	*	*	*	*	*	*	0	6	0	0	36
7	1	*	*	*	*	*	*	0	11	0	0	22
8	1	*	*	*	*	*	*	0	14	0	0	14
9	0	*	*	*	*	*	*	0	15	0	0	13
10	0	*	*	*	*	*	*	0	16	0	0	6
11	3	*	*	*	*	*	*	0	23	0	0	3
12	5	*	*	*	*	*	*	9	13	2	0	3
13	4	*	*	*	*	*	*	19	10	2	0	8
14	4	*	*	*	*	*	*	15	15	2	0	12
15	5	*	*	*	*	*	*	10	6	3	0	12
16	7	*	*	*	*	*	*	5	5	8	0	12
17	8	*	*	*	*	*	*	9	4	9	0	9
18	10	*	*	*	*	*	*	8	3	12	0	7
19	12	*	*	*	*	*	*	19	7	13	2	5
20	26	*	*	*	*	*	*	9	3	10	2	9
21	34	*	*	*	*	*	*	1	9	13	1	16
22	31	*	*	*	*	*	*	0	8	9	0	19
23	7	*	*	*	*	*	*	0	5	0	0	10
24	0	*	*	*	*	*	*	0	12	3	0	4
25	0	*	*	*	*	*	*	0	1	7	0	9
26	0	*	*	*	*	*	*	0	0	5	0	6
27	0	*	*	*	*	*	*	0	0	2	0	6
28	0	*	*	*	*	*	*	0	0	3	0	6
29	0	*	*	*	*	*	*	0	0	3	1	15
30	0	*	*	*	*	*	*	23	0	2	1	12
31	0	---	---	---	---	---	---	4	---	3	7	---
Mean	8	*	*	*	*	*	*	4	7	4	0.5	11
Max.	34	*	*	*	*	*	*	19	23	13	2	36
Min.	0	*	*	*	*	*	*	0	0	0	0	1
A. F.	512	*	*	*	*	*	*	260	424	220	32	690

Total acre-feet 2138.

*No record.

 LANE DRAIN—Sec. 30-23-57 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	6	3	3	3	1	1	1	1	5	7	8	8
2	6	3	3	3	1	1	1	1	5	8	9	9
3	6	3	3	3	1	1	1	1	5	7	8	8
4	5	3	3	3	1	1	1	1	4	7	8	8
5	5	3	3	3	1	1	1	1	4	7	7	7
6	5	3	3	3	1	1	1	3	4	6	7	7
7	5	3	3	3	1	1	1	5	4	6	7	7
8	5	3	3	3	1	1	1	3	4	6	6	6
9	5	3	3	3	1	1	2	2	4	6	6	6
10	4	3	3	3	1	1	3	3	4	5	6	6
11	4	3	3	3	1	1	2	3	4	5	7	7
12	4	3	3	3	1	1	2	3	4	5	6	6
13	4	3	3	3	1	1	2	2	4	5	5	5
14	4	3	3	3	1	1	2	2	3	5	4	5
15	4	3	3	3	1	1	4	3	4	4	5	5
16	4	3	3	3	1	1	2	3	4	4	5	5
17	4	3	3	3	1	1	2	26	3	5	3	5
18	3	3	3	3	1	1	1	28	3	6	3	5
19	3	3	3	3	1	1	1	26	6	5	3	5
20	3	3	3	3	1	1	1	26	10	5	3	5
21	3	3	3	3	1	1	1	15	10	5	3	5
22	3	3	3	3	1	1	1	10	9	5	3	5
23	3	3	3	3	1	1	1	6	8	5	3	5
24	3	3	3	3	1	1	1	4	6	5	3	5
25	3	3	3	3	1	1	1	3	6	5	3	5
26	3	3	3	3	1	1	1	3	6	5	3	5
27	3	3	3	3	1	1	1	3	6	5	3	5
28	3	3	3	3	1	1	1	2	5	5	4	4
29	3	3	3	3	---	---	---	2	5	5	4	4
30	3	3	3	3	---	---	---	2	5	6	5	4
31	3	---	---	---	---	---	---	2	---	6	5	---
Mean	4	3	3	3	1	1	1	6	4	5	5	6
Max.	6	3	3	3	1	1	4	28	10	6	8	9
Min.	3	3	3	3	1	1	1	1	2	4	3	4
A. F.	242	179	159	97	56	61	83	377	250	290	284	339

Total acre-feet 2417.

LINCOLN COUNTY DRAIN NO. 1—Sec. 30-14-30 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	61	52	47	41	43	44	33	24	32	44	58	64
2	61	52	47	41	43	44	33	24	33	49	60	69
3	61	52	47	41	43	43	33	24	34	59	60	77
4	60	52	47	41	43	43	33	24	31	54	64	81
5	60	52	46	41	43	43	33	24	32	50	64	84
6	60	52	46	41	43	42	32	24	34	49	67	79
7	59	51	46	40	43	42	30	25	41	49	64	77
8	59	51	46	40	43	42	28	25	34	46	61	77
9	59	51	46	41	43	41	24	24	36	48	61	73
10	58	51	45	41	43	41	24	25	37	48	80	71
11	57	51	45	41	43	41	24	24	36	46	63	69
12	57	50	45	41	43	40	24	25	39	58	63	69
13	57	50	45	41	43	40	24	26	41	48	61	70
14	56	50	45	41	43	39	24	26	41	48	62	70
15	56	50	45	42	42	39	24	27	36	52	59	67
16	57	50	44	42	41	39	24	27	39	49	64	66
17	58	50	44	42	40	38	24	27	37	57	63	66
18	56	49	44	42	40	38	24	27	37	57	57	66
19	55	49	44	42	41	38	24	26	41	60	57	66
20	55	49	44	42	42	38	24	39	48	54	57	67
21	55	49	43	42	43	38	24	31	42	53	66	65
22	54	49	43	43	44	38	24	29	41	53	83	65
23	54	48	43	43	45	38	24	29	32	53	77	64
24	54	48	43	43	45	38	24	29	44	52	74	64
25	54	48	43	43	45	38	24	29	51	57	74	64
26	54	48	43	43	45	38	24	29	51	57	76	64
27	53	48	42	43	45	38	24	29	49	53	80	63
28	53	48	42	43	45	38	24	27	46	53	65	61
29	53	47	42	43	---	38	24	32	44	53	62	61
30	53	47	42	42	---	38	24	39	42	53	65	61
31	53	---	42	42	---	38	---	33	---	57	65	---
Mean	57	50	44	42	43	40	26	28	39	52	66	69
Max.	61	52	47	43	45	44	33	39	51	60	83	84
Min.	53	47	42	41	40	38	24	24	31	44	57	61
A. F.	3475	2963	2729	2567	2390	2446	1553	1692	2343	3211	4030	4086
Total acre-feet	33485.											

LINCOLN COUNTY DRAIN NO. 2—Sec. 12-14-33 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	3	3	3	3	3	3	1	2	3	3	2
2	3	3	3	3	3	3	3	1	2	3	3	2
3	3	3	3	3	3	3	3	1	2	3	3	4
4	3	3	3	3	3	3	3	1	2	3	3	3
5	3	3	3	3	3	3	3	1	2	3	3	3
6	3	3	3	3	3	3	3	1	3	3	3	3
7	3	3	3	3	3	3	3	1	3	3	3	3
8	3	3	3	3	3	3	3	1	3	3	3	3
9	3	3	3	3	3	3	3	1	3	3	3	3
10	3	3	3	3	3	3	3	1	3	3	3	3
11	3	3	3	3	3	3	3	1	3	3	3	3
12	3	3	3	3	3	3	3	2	3	3	3	3
13	3	3	3	3	3	3	3	2	3	3	3	3
14	3	3	3	3	3	3	3	2	3	3	3	3
15	3	3	3	3	3	3	3	2	3	3	3	3
16	3	3	3	3	3	3	3	2	3	3	3	3
17	3	3	3	3	3	3	3	2	3	3	3	3
18	3	3	3	3	3	3	3	2	3	3	3	3
19	3	3	3	3	3	3	3	2	3	3	3	3
20	3	3	3	3	3	3	3	2	3	3	3	3
21	3	3	3	3	3	3	3	2	3	3	3	3
22	3	3	3	3	3	3	3	1	3	3	3	3
23	3	3	3	3	3	3	3	1	3	3	3	3
24	3	3	3	3	3	3	3	1	3	3	3	3
25	3	3	3	3	3	3	3	1	3	3	3	3
26	3	3	3	3	3	3	3	1	3	3	3	3
27	3	3	3	3	3	3	3	1	3	3	3	3
28	3	3	3	3	3	3	3	1	3	3	3	3
29	3	3	3	3	---	3	3	1	3	3	3	3
30	3	3	3	3	---	3	3	1	3	3	3	3
31	3	---	3	3	---	3	---	---	---	3	3	---
Mean	3	3	3	3	3	3	3	3	3	3	3	3
Max.	3	3	3	3	3	3	3	3	3	3	3	4
Min.	3	3	3	3	3	3	3	1	2	3	3	2
A. F.	184	179	123	123	111	165	99	99	169	184	147	177
Total acre-feet	1760.											

LODGEPOLE CREEK AT BUSHNELL—Sec. 33-15-57 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	9	10	7	12	8	16	11	10	12	9	14	13
2	9	10	9	11	9	16	12	10	12	9	13	87
3	9	10	12	13	10	15	13	11	11	9	12	300
4	8	10	11	13	10	13	13	12	10	8	11	169
5	8	10	9	11	10	15	14	12	10	8	11	51
6	8	10	9	10	10	16	12	12	10	8	10	34
7	8	10	8	9	13	15	12	13	11	10	10	30
8	8	10	6	9	13	14	11	14	11	8	10	50
9	8	10	6	9	13	14	22	14	11	8	10	26
10	8	10	8	11	13	14	24	14	10	8	9	23
11	8	11	9	10	14	14	19	14	10	7	9	41
12	8	11	9	10	14	14	16	15	10	7	9	34
13	8	10	10	6	13	14	15	12	10	7	9	29
14	7	11	11	10	14	15	16	13	10	7	8	26
15	7	11	11	9	13	15	21	13	10	6	9	22
16	7	9	13	17	7	14	20	13	10	21	8	22
17	7	8	13	14	6	14	16	14	42	20	8	20
18	7	7	12	14	6	14	14	15	15	9	8	19
19	7	6	12	13	5	14	13	16	17	23	8	19
20	10	7	11	12	6	14	12	14	11	16	8	18
21	10	7	13	10	7	14	12	16	11	9	8	18
22	10	9	13	12	8	14	12	16	10	8	8	18
23	10	11	11	13	8	14	11	14	10	7	9	18
24	10	12	11	12	9	15	11	19	39	14	8	16
25	10	14	12	11	11	14	10	15	28	60	7	16
26	11	13	12	12	14	15	11	13	9	13	11	16
27	11	13	13	12	17	15	12	12	9	34	55	17
28	11	12	12	13	15	15	11	12	17	94	35	16
29	11	12	11	11	---	12	11	12	9	23	21	16
30	10	9	11	6	---	11	11	13	9	16	30	15
31	10	---	8	6	---	11	---	12	---	15	18	---
Mean	9	10	10	11	10	14	14	13	13	16	13	38
Max.	11	14	13	17	17	16	24	19	42	94	55	300
Min.	7	6	6	6	5	11	10	10	9	6	7	13
A. F.	539	604	640	679	590	873	829	823	799	995	799	2260

Total acre-feet 10430.

LODGEPOLE CREEK BELOW OLIVER RESERVOIR—Sec. 31-15-56 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	3	*	*	1	2	2	6
2	*	*	*	*	*	*	*	*	1	2	2	7
3	*	*	*	*	*	*	*	*	1	2	3	8
4	*	*	*	*	*	*	*	*	1	2	4	6
5	*	*	*	*	*	*	*	*	1	2	4	5
6	*	*	*	*	*	*	*	*	1	2	3	5
7	*	*	*	*	*	*	*	*	1	2	4	4
8	*	*	*	*	*	*	*	*	1	2	3	4
9	*	*	*	*	*	*	*	*	1	2	3	4
10	*	*	*	*	*	*	*	*	1	3	3	4
11	*	*	*	*	*	*	*	*	1	3	3	4
12	*	*	*	*	*	*	*	*	1	4	3	4
13	*	*	*	*	*	*	*	*	1	4	3	5
14	*	*	*	*	*	*	*	*	1	5	3	5
15	*	1	*	*	*	*	*	*	1	5	3	4
16	*	*	*	*	*	*	*	*	1	4	4	5
17	*	*	*	*	*	*	*	*	1	4	5	5
18	1	*	*	*	*	*	*	*	1	4	5	5
19	*	*	*	2	*	*	*	*	1	5	5	5
20	*	*	*	*	*	*	*	*	1	5	4	5
21	*	*	*	*	*	*	*	*	1	5	4	5
22	*	*	*	*	*	*	*	*	1	5	6	3
23	*	*	*	*	*	*	*	*	1	5	6	3
24	*	*	*	*	*	*	*	*	1	5	6	3
25	*	*	*	*	*	*	*	*	1	3	6	2
26	*	*	*	*	*	*	4.3	1	1	3	6	2
27	*	*	*	*	*	*	*	*	1	4	6	2
28	*	*	*	*	*	*	*	*	1	4	6	2
29	1	*	*	*	*	*	*	*	1	3	6	6
30	*	*	*	*	---	1	*	*	1	3	6	6
31	*	*	*	*	---	*	*	*	1	3	6	6
Mean	*	*	*	*	*	*	*	*	1	4	4	4
Max.	*	*	*	*	*	*	*	*	1	4	6	4
Min.	*	*	*	*	*	*	*	*	1	3	3	2
A. F.	160	160	175	1120	1140	1125	1150	1150	95	216	264	250

Total acre-feet 1765.

*No record.

†Estimated.

LONERGAN CREEK—Sec. 19-15-39 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	5	5	7	8	7	6	6	5	0	6	3
2	0	5	5	7	8	7	6	6	5	0	6	4
3	0	5	5	7	8	7	6	4	5	4	6	5
4	0	5	5	7	8	7	6	3	5	6	6	4
5	0	5	5	7	8	7	6	3	5	5	6	4
6	0	5	6	7	8	7	6	3	5	4	6	4
7	0	5	6	7	8	7	6	3	5	7	6	4
8	0	5	6	7	8	7	6	3	5	7	4	4
9	0	5	6	7	8	7	6	4	6	7	5	4
10	0	5	6	7	8	7	6	0	6	6	5	5
11	0	4	6	7	8	7	6	0	6	6	5	5
12	0	4	6	7	8	7	6	0	6	6	5	5
13	0	4	6	7	8	7	6	0	6	6	5	5
14	0	4	6	7	8	7	6	0	5	6	6	5
15	0	4	6	7	7	7	6	0	6	6	6	5
16	4	4	6	8	7	6	6	0	5	6	6	5
17	4	4	6	8	7	6	6	0	5	6	2	5
18	4	4	6	8	7	6	6	0	5	6	2	5
19	4	4	6	8	7	6	6	7	7	6	2	5
20	4	4	6	8	7	6	6	7	5	6	2	5
21	4	4	6	8	7	6	6	6	5	6	2	5
22	4	4	6	8	7	6	6	6	5	6	2	5
23	4	4	6	8	7	6	6	6	5	6	2	5
24	4	4	6	8	7	6	6	6	5	6	2	5
25	4	4	6	8	7	6	6	6	5	6	2	5
26	5	5	7	8	7	6	6	6	5	6	2	5
27	5	5	7	8	7	6	6	6	5	6	2	5
28	5	5	7	8	7	6	6	6	2	6	2	5
29	5	5	7	8	7	6	6	6	2	6	2	5
30	5	5	7	8	7	6	6	6	0	6	2	5
31	5	---	7	8	---	6	6	6	---	6	2	---
Mean	4	4	6	8	8	6	6	4	5	6	4	5
Max.	5	5	7	8	8	7	6	7	7	7	6	5
Min.	0	4	5	7	7	6	6	0	0	0	2	3
A. F.	139	268	371	462	417	399	357	216	294	341	244	280

Total acre-feet 3788.

LOST CREEK—Sec. 1-16-44 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	1	1	0	0	0	0	7	0	0	0
2	1	1	1	1	0	0	0	0	4	0	0	20
3	1	1	1	1	0	0	0	0	2	0	0	22
4	1	1	1	1	0	0	0	1	4	20	0	20
5	1	1	1	1	0	0	0	0	1	1	0	19
6	1	1	1	1	0	0	0	0	1	0	0	2
7	1	1	1	1	0	0	0	0	0	28	0	2
8	1	1	1	1	0	0	0	1	1	1	0	1
9	1	1	1	1	0	0	0	0	0	0	0	1
10	1	1	1	1	0	0	0	0	0	0	0	0
11	1	1	1	1	0	0	0	1	0	0	0	20
12	1	1	1	1	0	0	0	0	0	0	0	8
13	1	1	1	1	0	0	0	0	30	0	0	4
14	1	1	1	1	0	0	0	0	12	0	0	4
15	1	1	1	1	0	0	1	0	1	0	0	0
16	1	1	1	1	0	0	1	0	1	0	0	0
17	1	1	1	1	0	0	0	1	0	0	0	0
18	1	1	1	1	0	0	0	1	0	0	0	0
19	1	1	1	1	0	0	0	2	0	0	0	0
20	1	1	1	1	0	0	1	7	6	2	0	0
21	1	1	1	1	0	0	0	7	9	0	0	0
22	1	1	1	1	0	0	0	5	0	0	0	0
23	1	1	1	1	0	0	0	4	0	0	0	0
24	1	1	1	1	0	0	1	5	0	0	0	0
25	1	1	1	1	0	0	0	2	0	0	0	0
26	1	1	1	1	0	0	0	1	0	3	0	1
27	1	1	1	1	0	0	0	1	1	0	0	0
28	1	1	1	1	0	0	0	1	0	2	0	0
29	1	1	1	1	---	0	1	1	0	1	0	0
30	1	1	1	1	---	0	1	25	0	0	0	0
31	1	---	1	1	---	0	---	11	---	0	0	---
Mean	1	1	1	1	0	0	0.2	2	3	2	0	4
Max.	1	1	2	1	0	0	1	25	30	28	0	22
Min.	1	1	1	1	0	0	0	0	0	0	0	0
A. F.	61	60	61	61	0	0	12	153	159	115	0	246

Total acre-feet 928.

LOUP RIVER NEAR COLUMBUS
Highway Bridge on West Line of Sec. 30-17-1 E.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1510	1400	1060	1520	430	3730	2230	2790	3270	1130	2850	850
2	1620	1400	1200	1500	473	6600	2000	2700	2700	930	987	594
3	1710	1770	1380	1480	490	11300	1930	2680	2510	6310	866	606
4	1820	1570	1390	1560	530	5410	1750	2790	2320	5410	728	802
5	1360	1490	1330	1670	610	4300	1930	4670	1860	3590	534	866
6	1220	1420	1060	1590	860	3840	1710	3190	1690	2970	510	850
7	1360	1490	1020	1690	1260	4060	1530	3190	1710	2750	480	949
8	1550	1510	950	1340	1940	3890	1890	5390	1870	9180	522	1280
9	1860	1620	900	1360	2040	3620	1980	4750	1320	3900	582	987
10	1840	1530	820	1440	1890	3480	1990	2970	1420	3030	534	930
11	1910	1510	850	1640	1790	3560	2000	2730	2100	2540	410	1360
12	1570	1530	1080	1840	1810	3220	2080	3090	4750	1840	794	6470
13	1340	1620	1100	1770	1790	3060	1980	12300	2250	1530	394	11700
14	1490	1840	960	1710	1640	3030	1800	4880	3030	1300	450	5320
15	1840	1980	880	1720	1390	3090	1890	3250	2150	1360	686	2320
16	2080	1890	1090	1840	1090	4670	2000	2910	3030	1340	546	1620
17	2480	1690	1090	1970	940	3920	2760	2680	3350	1200	770	1180
18	2560	1330	870	2020	800	3420	2270	2680	3450	2760	786	1240
19	2790	1210	950	1820	590	3190	2590	2450	2430	1280	818	1140
20	2380	980	1040	1620	520	2940	2430	2450	3000	818	1160	1140
21	2380	990	1170	1720	640	2620	2200	2790	3800	786	834	1120
22	1980	960	1110	1870	840	2650	2120	3060	3220	818	700	1220
23	1660	1030	1080	1920	990	2540	1890	2250	4710	802	570	1220
24	1600	1150	1120	1700	1640	2350	1710	1890	4260	770	534	1220
25	1490	1430	1170	1150	1810	2320	1750	1730	2910	786	440	1260
26	1260	1510	1250	940	2110	2820	1890	1660	3120	686	386	1220
27	1470	1670	1460	970	2460	2480	2030	1660	1890	630	378	1040
28	1570	1320	1370	834	2910	2320	1960	1910	1660	2450	430	1160
29	1510	1340	1590	324	-----	2220	2700	2300	1800	1320	594	1160
30	1510	1040	1540	306	-----	1980	2730	2050	1280	606	582	1120
31	1320	-----	1510	310	-----	2030	-----	1800	-----	686	1300	-----
Mean	1743	1437	1141	1457	1295	3569	2057	3152	2461	2264	702	1797
Max.	2790	1980	1590	2020	2910	11300	2760	12300	4750	9180	2850	11700
Min.	1220	960	820	306	420	1980	1530	1660	1280	606	378	606
A. F.	107190	85490	70140	89560	71950	219470	122380	193810	146440	139240	43150	106960
Total acre-feet	1395780.											

LOUP RIVER, MIDDLE, AT SARGENT—Sec. 1-19-20 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	882	798	822	970	350	1650	672	1150	978	942	694	774
2	858	834	942	920	520	1150	882	930	822	705	705	822
3	606	834	834	864	680	942	672	1170	834	1020	750	942
4	682	822	822	850	800	1020	627	1150	774	918	649	918
5	810	798	520	830	950	1110	739	1090	810	942	660	954
6	822	796	200	810	1020	1330	627	1120	990	990	606	846
7	739	796	135	780	1150	990	244	1180	942	966	606	822
8	798	774	145	750	1120	918	834	918	846	834	660	834
9	786	796	180	770	1000	1020	1300	918	683	846	683	798
10	762	705	250	800	920	1020	822	858	1070	705	728	846
11	786	882	300	840	880	930	930	882	942	728	796	882
12	798	846	370	860	950	966	846	1330	798	683	683	918
13	798	858	469	910	870	942	906	1090	672	705	694	894
14	846	620	580	980	800	966	942	930	739	672	694	846
15	882	360	650	1050	720	978	1040	810	846	596	694	786
16	930	240	750	1020	550	1040	1210	822	906	716	1060	774
17	1180	200	850	980	420	870	1160	894	954	798	918	774
18	1170	160	880	961	380	870	1130	1130	762	750	810	762
19	1180	200	950	920	597	882	1160	1060	739	660	762	728
20	1120	330	1000	880	700	846	1000	1040	750	617	694	716
21	834	480	1060	950	620	882	942	894	942	786	606	694
22	786	850	950	980	740	822	906	846	930	774	617	705
23	716	880	780	500	650	798	882	882	930	728	596	716
24	786	970	720	380	620	846	822	694	822	716	638	798
25	798	1000	620	240	600	786	1060	786	942	705	660	798
26	606	930	800	161	750	810	882	822	882	750	683	774
27	786	858	942	155	1100	834	1540	798	774	750	810	716
28	774	978	980	170	1350	739	1350	774	786	774	716	716
29	728	954	1000	150	-----	774	1210	822	786	810	774	716
30	762	990	1030	190	-----	810	1210	906	846	1320	810	774
31	762	-----	1050	250	-----	705	-----	954	-----	683	870	-----
Mean	831	717	696	706	779	943	952	956	850	793	720	801
Max.	1180	1000	1060	1050	1350	1650	1540	1330	1070	1320	1060	954
Min.	606	160	135	150	350	705	244	694	672	596	596	694
A. F.	51120	42660	42810	43380	43250	58010	56620	58810	50570	48770	44260	47690
Total acre-feet	588000.											

LOUP RIVER, MIDDLE, AT ARCADIA—Sec. 26-21-16 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	699	895	904	1050	280	2400	1020	1200	1000	726	683	666
2	821	896	803	1020	390	1650	1000	1460	886	717	658	666
3	750	742	849	983	482	1020	1070	1200	828	1020	658	649
4	733	788	803	1000	650	876	1040	1350	857	876	658	708
5	812	794	630	1050	970	803	1020	1310	848	708	624	708
6	821	794	280	1000	1150	895	800	1320	876	848	609	782
7	840	733	210	920	1300	914	768	1350	975	1100	602	763
8	821	803	135	870	1350	895	1100	1120	1020	915	602	754
9	812	707	120	820	1240	942	1370	1080	895	985	557	708
10	830	690	125	790	1120	952	1280	985	1220	848	580	726
11	914	690	130	820	990	1050	1160	1040	1200	782	726	857
12	981	803	137	862	1150	1020	1010	1520	965	745	683	1040
13	1080	849	180	930	960	1260	1070	1020	905	717	587	857
14	1020	849	300	1050	650	1170	1250	1040	895	666	572	772
15	803	830	580	1150	480	1400	1370	1020	905	691	594	726
16	1120	550	700	1140	420	1190	1440	1000	955	666	810	717
17	1330	380	850	1090	360	1200	1360	1040	1120	700	1100	791
18	1070	240	950	1040	340	1080	1290	1240	848	745	782	763
19	1060	160	1040	980	370	1010	1310	1110	819	772	691	736
20	933	150	1060	910	420	1070	1380	1140	876	683	641	708
21	858	170	1200	980	450	1120	1340	1170	1060	717	666	683
22	840	190	1120	1080	500	1100	1300	1040	935	717	632	683
23	803	300	700	960	540	1050	1060	1060	905	658	617	674
24	742	500	610	480	520	1070	1040	1040	857	708	617	683
25	707	740	630	300	610	1030	1100	1020	838	745	632	674
26	876	1210	680	210	1080	914	1040	1120	886	838	609	674
27	812	1070	698	188	1650	1060	1350	1190	754	828	674	683
28	716	962	900	210	2100	1050	1200	886	683	810	674	674
29	768	904	1060	230	-----	1080	1190	1080	691	876	666	658
30	794	933	1100	180	-----	1100	1210	1110	691	1060	683	649
31	990	-----	1120	150	-----	1010	-----	1230	-----	726	782	-----
Mean	876	677	665	788	804	1109	1165	1145	907	793	667	728
Max.	1330	1210	1200	1150	2100	2400	1440	1460	1220	1100	1100	1040
Min.	699	150	120	150	280	803	768	886	683	658	557	649
A. F.	53860	40270	40870	48480	44670	68190	69300	70400	53960	48780	41000	43300

Total acre-feet 623160.

LOUP RIVER, MIDDLE, AT LOUP CITY—Sec. 14-15-15 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	690	984	957	1150	210	2650	800	•	•	•	•	•
2	834	906	786	1120	260	2100	884	•	•	•	•	•
3	690	762	810	1050	328	1320	1120	•	•	•	•	•
4	650	810	834	1060	400	1280	1060	•	•	•	•	•
5	762	858	680	1120	550	906	1410	•	•	•	•	•
6	882	834	540	1060	780	882	1700	•	•	•	•	•
7	786	906	430	950	1100	882	1650	•	•	•	•	•
8	762	810	310	830	1200	786	1450	•	•	•	•	•
9	630	786	180	747	1280	714	2020	•	•	•	•	•
10	810	810	140	760	1360	1010	1350	•	•	•	•	•
11	834	930	152	800	1400	1150	1210	•	•	•	•	•
12	858	930	180	830	1320	1150	1150	•	•	•	•	•
13	728	930	220	900	1220	1150	1220	•	•	•	•	•
14	550	1040	330	950	950	1060	1340	•	•	•	•	•
15	570	800	450	1000	650	1440	1450	•	•	•	•	•
16	1150	650	620	1080	480	1910	1550	•	•	•	•	•
17	1040	500	750	1160	420	1670	1500	•	•	•	•	•
18	1170	320	880	1200	370	1040	1420	•	•	•	•	•
19	1320	240	900	1120	350	1530	1440	•	•	•	•	•
20	1010	180	940	980	400	1440	1480	•	•	•	•	•
21	882	220	986	1050	450	1260	1520	•	•	•	•	•
22	930	340	1000	1080	530	834	1550	•	•	•	•	•
23	810	520	1050	830	650	738	1520	•	•	•	•	•
24	810	850	820	610	780	834	1500	•	•	•	•	•
25	1010	1000	680	400	1000	1280	1650	•	•	•	•	•
26	1120	1300	750	230	1450	1350	1250	•	•	•	•	•
27	906	1230	860	120	1650	1200	1300	•	•	•	•	•
28	834	1090	980	150	2250	1200	1360	•	•	•	•	•
29	882	1260	1000	200	-----	1290	1450	•	•	•	•	•
30	1010	1170	1050	170	-----	1290	1380	•	•	•	•	•
31	1350	-----	1100	130	-----	1910	-----	•	•	•	•	•
Mean	880	799	689	802	850	1273	1377	•	•	•	•	•
Max.	1350	1300	1100	1200	2250	2650	2020	•	•	•	•	•
Min.	550	180	140	120	210	714	930	•	•	•	•	•
A. F.	54110	47540	42380	49300	47180	78260	81950	•	•	•	•	•

Total acre-feet 400700.

*No record.

Station abandoned May 16, 1938.

LOUP RIVER, MIDDLE, AND BOELUS POWER CANAL, COMBINED
FLOW, AT BOELUS
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	766	901	840	1200	260	2600	945	1200	900	625	539	652
2	847	809	820	1100	460	2550	826	1150	914	705	524	599
3	576	782	840	1050	600	2200	679	1610	741	1300	490	679
4	684	768	885	1050	800	1300	808	1380	803	968	473	694
5	664	804	860	1050	1050	960	878	1180	655	949	476	778
6	770	789	700	1050	1100	940	1250	1210	861	941	445	783
7	883	689	320	1000	1300	960	680	1850	803	2020	659	780
8	884	932	170	960	1400	951	706	1620	869	1020	584	710
9	977	944	140	911	1450	1110	1000	817	810	890	539	664
10	613	848	145	820	1200	1100	1280	908	888	899	497	622
11	881	948	150	860	1100	1040	1010	1640	1160	796	487	800
12	912	940	160	960	1250	1270	1010	3190	689	792	576	803
13	956	867	180	1050	1200	1120	1040	968	684	802	584	1050
14	944	787	190	1150	1100	1410	1040	728	665	689	587	929
15	880	908	260	1200	560	1680	1100	705	627	599	546	834
16	887	660	460	1200	440	1620	1240	653	704	825	553	849
17	839	460	760	1200	410	1320	947	931	650	753	730	817
18	954	260	1000	1050	400	1090	1010	893	1010	798	951	687
19	905	200	1100	1000	430	1010	911	1050	578	805	706	743
20	958	180	1300	980	460	843	1030	1120	962	766	618	722
21	862	210	1300	1050	520	926	1090	974	760	681	547	700
22	941	330	1210	1100	580	884	991	864	748	669	561	683
23	819	426	1000	740	640	849	957	782	747	690	509	711
24	582	660	820	440	620	864	1060	880	722	739	518	699
25	826	1050	740	338	740	848	1110	797	787	687	527	700
26	845	1300	680	210	1150	870	1100	849	717	659	547	639
27	807	887	690	230	1700	902	1170	907	693	747	666	640
28	748	840	696	240	2200	899	1440	963	628	673	1020	614
29	633	850	780	220	-----	1090	1320	632	593	688	624	626
30	679	860	1000	200	-----	1090	1180	1070	622	884	585	588
31	568	-----	1200	180	-----	886	-----	921	-----	616	594	-----
Mean	816	730	691	832	897	1200	1027	1111	766	828	591	724
Max.	987	1300	1300	1200	2200	2600	1440	3190	1160	2020	1020	1050
Min.	568	180	140	180	260	843	679	632	578	599	445	588
A. F.	50160	43420	42460	51150	49820	73770	61110	68310	45600	50920	36320	43050

Total acre-feet 616100.

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	995	894	1040	800	210	3560	1150	1040	1850	1520	842	642
2	980	907	1090	780	300	4250	1020	1100	1420	1500	746	680
3	965	881	1020	840	380	2720	1090	1470	1170	3650	594	724
4	950	816	700	900	400	1720	1180	3020	935	4870	549	790
5	920	779	450	910	650	1500	1090	2720	842	2300	522	881
6	894	757	350	750	920	1410	890	2040	1340	1910	504	1390
7	907	790	180	640	1180	1320	800	4120	868	9700	487	855
8	935	920	150	660	1200	1280	881	4870	1130	5920	558	779
9	995	894	170	690	1260	1210	965	2570	980	1540	504	713
10	1120	855	250	702	1280	1250	1100	1540	2300	1060	478	713
11	907	816	450	800	1300	1230	925	2570	4210	790	495	702
12	907	803	600	870	1340	1360	950	6760	1130	803	504	1520
13	1010	768	900	900	1320	1340	1020	6320	894	842	585	2800
14	960	680	920	830	1280	1090	1020	2470	980	935	549	950
15	816	713	900	1020	1100	1520	1150	1560	1010	816	504	757
16	1100	691	950	1250	950	1470	1500	1090	2260	1090	513	757
17	1150	500	1020	1250	700	1180	1180	1320	1170	1750	558	768
18	1470	310	1080	1300	630	920	1100	1270	980	935	842	724
19	1820	220	1040	1120	500	1090	1100	1490	894	868	1010	746
20	1680	180	980	1200	380	1070	1170	2190	1120	829	868	713
21	1370	170	1020	1320	450	1130	1230	2540	1500	881	661	691
22	1470	190	1080	1480	750	1150	1060	1410	2160	790	614	652
23	1360	350	920	1420	901	1150	1020	1150	1210	779	576	642
24	1280	500	820	1400	1400	1120	1180	1100	1430	724	531	661
25	1250	650	800	1000	1800	1100	1120	1270	2000	713	504	694
26	1200	900	720	840	2100	1170	1010	1250	1370	746	513	735
27	1130	1410	780	590	2300	1170	995	1450	1540	1390	576	713
28	1020	950	820	300	2650	1250	1390	1360	1340	1340	735	702
29	995	842	910	220	-----	1280	1520	1250	1280	894	855	713
30	995	868	880	180	-----	1300	1230	1940	1340	995	757	735
31	995	-----	850	160	-----	1320	-----	1500	-----	2330	680	-----
Mean	1115	700	766	881	1058	1470	1102	2186	1422	1781	620	848
Max.	1820	1410	1090	1480	2650	4250	1520	6760	4210	9700	1010	2800
Min.	816	170	150	160	210	820	800	1040	842	713	478	694
A. F.	68560	41680	47110	54190	58770	90390	65550	134400	84620	109500	38110	50480

Total acre-feet 843300.

LOUP RIVER, NORTH, NEAR TAYLOR—Sec. 22-21-18 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	401	508	497	415	300	720	420	715	689	410	344	299
2	292	530	410	410	320	670	372	715	590	344	252	334
3	382	497	519	410	350	620	420	702	578	689	240	318
4	431	530	420	405	385	570	519	702	578	566	266	334
5	442	566	334	400	405	578	497	602	486	453	401	410
6	410	542	232	395	420	519	325	578	420	431	392	410
7	354	542	215	380	435	650	1300	850	401	475	273	344
8	420	508	332	375	480	689	1190	602	344	519	280	292
9	420	554	400	335	550	715	1000	453	318	542	252	280
10	420	508	460	340	530	754	702	530	602	676	318	334
11	420	486	470	345	520	702	676	497	702	486	392	442
12	420	486	445	345	510	663	638	754	530	334	344	566
13	431	431	430	348	510	830	663	663	363	292	296	530
14	410	325	440	355	500	900	663	519	325	273	196	530
15	401	325	450	360	485	1000	650	486	372	614	200	442
16	519	442	460	375	470	890	850	475	196	312	312	334
17	638	442	465	385	460	730	780	578	372	318	614	382
18	519	442	466	390	450	578	676	650	464	312	382	372
19	519	344	460	395	465	508	650	780	431	325	372	363
20	519	292	445	400	490	554	530	754	401	334	280	372
21	508	330	430	400	520	602	431	676	420	410	306	392
22	431	400	430	405	550	431	431	602	382	306	260	420
23	410	560	440	410	590	614	453	676	354	306	266	453
24	410	618	450	415	630	566	519	530	344	266	273	453
25	401	663	450	420	690	464	554	554	392	244	372	464
26	401	676	455	370	720	475	497	508	410	252	280	401
27	410	578	460	310	740	530	808	363	410	248	334	442
28	392	650	470	290	780	420	1160	420	382	318	420	453
29	372	475	455	290	—	442	936	475	453	382	626	497
30	382	442	440	265	—	372	689	1120	475	663	590	676
31	382	—	425	290	—	475	—	658	—	578	382	—
Mean	431	490	428	368	508	620	665	619	439	409	340	411
Max.	638	676	519	420	760	1000	1300	1120	702	689	650	676
Min.	354	292	215	265	300	372	325	363	196	244	196	280
A. F.	26510	29140	26290	22630	28230	38140	39550	28040	26150	25150	20920	24470
Total	acre-feet 345200.											

LOUP RIVER, NORTH, NEAR BURWELL—Sec. 19-21-16 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	620	730	552	600	320	1000	764	1080	932	744	626	626
2	697	708	697	590	410	950	764	1100	831	712	583	618
3	664	697	697	580	460	900	716	1070	859	1090	559	634
4	642	675	719	580	500	880	732	1130	804	750	562	642
5	642	686	552	580	540	920	732	978	788	706	592	695
6	642	719	395	580	560	798	781	888	756	706	595	717
7	605	719	455	570	580	815	617	1200	739	774	592	686
8	642	697	353	560	600	815	798	1000	717	728	577	630
9	664	730	518	570	620	840	950	918	650	774	604	622
10	708	795	683	580	650	840	1180	880	817	712	577	618
11	730	795	700	590	640	850	1020	774	992	668	592	695
12	697	808	710	600	630	840	940	1630	845	646	583	750
13	719	795	700	586	630	860	880	1090	750	601	564	728
14	708	664	690	580	610	910	870	1090	690	601	532	672
15	730	675	720	590	570	1280	930	1040	700	589	536	646
16	902	708	750	600	550	1200	1220	1000	722	580	544	622
17	944	719	780	620	540	1170	1500	1070	918	592	756	622
18	916	620	840	630	530	1060	1260	1120	774	750	638	634
19	782	545	848	630	530	1000	1140	1080	728	604	601	622
20	697	518	820	620	520	920	1050	1030	668	595	580	646
21	708	470	740	610	560	890	1020	970	780	595	572	622
22	686	500	650	610	600	890	992	940	717	586	575	668
23	756	710	600	620	670	870	955	852	722	580	564	650
24	782	905	600	630	780	806	940	804	717	583	564	690
25	743	910	640	620	840	798	955	756	712	572	577	664
26	730	860	660	650	900	790	925	734	728	572	572	650
27	708	800	670	600	950	764	1220	717	717	575	583	650
28	697	697	680	530	980	790	1460	712	695	592	583	646
29	686	675	680	450	—	870	1250	810	700	607	592	650
30	686	719	650	310	—	823	1280	866	750	634	722	659
31	697	—	620	290	—	832	—	925	—	706	654	—
Mean	717	708	657	572	617	902	995	976	763	662	592	656
Max.	944	910	848	650	980	1280	1500	1630	992	1090	756	750
Min.	605	470	353	280	320	764	617	712	650	572	532	618
A. F.	44090	52150	40400	35180	34250	55480	59190	60010	45420	40710	36400	39020
Total	acre-feet 532300.											

LOUP RIVER, NORTH, NEAR ORD—Sec. 26-19-14 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	628	742	812	640	290	1500	825	1070	922	800	683	643
2	640	742	798	630	370	1550	825	1130	852	788	624	673
3	652	728	812	620	430	1100	838	1050	800	1640	573	702
4	628	756	750	640	480	964	866	1300	673	825	581	737
5	652	756	540	640	540	950	825	1040	663	712	598	762
6	652	770	320	620	610	993	634	1010	775	712	653	813
7	652	770	340	610	670	1010	606	1510	725	1380	692	712
8	688	798	300	620	760	1020	725	1200	712	825	653	614
9	742	784	380	630	800	1010	838	1080	643	737	624	598
10	728	756	570	640	840	1040	908	950	866	725	624	643
11	728	714	640	660	790	1080	993	908	1110	737	643	788
12	728	700	680	680	780	1100	936	2060	922	663	653	1070
13	728	676	660	670	770	1100	936	1160	838	606	614	964
14	728	688	640	650	720	1130	908	1200	750	557	540	880
15	770	756	650	670	660	1510	866	993	589	557	522	825
16	950	840	670	690	610	1360	1160	950	788	557	522	762
17	994	784	700	710	580	1250	1430	894	1360	614	573	702
18	1040	480	720	720	540	1130	1300	950	852	598	737	702
19	972	404	750	710	520	1100	1130	993	922	624	540	683
20	882	388	788	700	490	1010	993	978	788	653	508	683
21	840	372	720	680	540	936	1040	950	762	581	515	692
22	798	452	690	690	650	922	908	922	838	540	522	725
23	728	700	660	700	760	852	894	852	775	557	525	725
24	700	780	670	720	900	838	866	800	750	540	540	725
25	700	840	680	700	1000	852	993	788	775	532	540	725
26	700	820	680	720	1100	852	866	866	813	606	565	725
27	728	700	690	600	1200	762	880	813	762	606	614	692
28	728	756	700	480	1300	825	1510	800	702	606	581	643
29	756	812	700	400	—	866	1340	1110	683	598	624	673
30	714	840	690	270	—	838	1340	1080	800	573	1010	702
31	742	—	650	250	—	800	—	1150	—	673	692	—
Mean	751	703	647	625	704	1040	973	1050	807	701	609	723
Max.	1040	840	812	720	1300	1550	1510	2060	1360	1640	1010	1070
Min.	628	372	300	250	290	762	606	788	589	532	508	598
A.P. 46210	41860	39770	38400	39070	63970	57880	64580	48020	43080	37460	43600	

Total acre-feet 563900.

LOUP RIVER, NORTH, AT SCOTIA—Sec. 8-17-12 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	688	746	810	710	280	1600	824	1170	1270	887	790	670
2	708	746	813	700	350	1800	746	1080	1080	870	645	670
3	708	726	820	700	420	1550	726	1090	887	3550	563	698
4	679	708	810	710	480	1400	726	1420	1010	1130	510	698
5	660	688	680	720	560	1320	778	1150	955	790	525	778
6	660	679	350	700	620	1250	858	1040	955	736	608	938
7	698	708	260	690	740	1170	778	1860	870	1590	630	824
8	766	726	230	680	820	1100	670	1780	858	921	615	755
9	790	746	250	690	860	1040	858	1150	801	755	558	645
10	736	736	300	700	890	1000	790	1080	989	790	568	688
11	726	717	400	730	840	1010	1090	1150	1420	746	568	698
12	726	736	560	750	820	1050	887	1960	1220	552	622	1460
13	726	698	620	740	810	1070	824	1380	1020	645	580	989
14	698	679	610	730	790	1140	812	1180	847	574	552	824
15	717	670	670	740	720	1350	904	1040	736	574	515	746
16	870	698	720	760	670	1250	1110	1040	824	585	536	726
17	989	698	810	770	620	1200	1400	1020	801	645	574	736
18	1040	580	840	780	570	1300	1380	1080	1060	638	824	717
19	1040	430	830	770	500	1200	1180	1260	778	652	670	698
20	870	330	812	760	460	1310	1040	1180	790	630	688	717
21	847	280	800	750	560	1110	1010	1110	1020	585	568	670
22	778	450	740	740	740	1020	887	1060	921	600	558	679
23	726	858	710	760	900	904	870	1040	778	580	541	688
24	698	950	720	780	1000	887	870	887	812	580	530	717
25	679	940	710	750	1130	904	989	870	812	600	546	726
26	698	930	720	800	1240	858	989	870	836	638	574	688
27	708	910	720	600	1350	679	1020	1290	836	630	652	688
28	708	850	730	450	1500	870	1550	766	812	615	652	652
29	708	780	730	300	—	921	1610	904	790	746	679	679
30	717	800	740	260	—	955	1330	921	836	755	1440	736
31	736	—	720	230	—	938	—	1020	—	736	778	—
Mean	758	706	653	676	759	1134	984	1156	921	817	634	753
Max.	1040	950	840	800	1500	1800	1610	1960	1420	3550	1440	1460
Min.	660	280	230	230	280	679	670	766	736	552	510	645
A.P. 46610	42040	40140	41550	42130	69730	58520	71100	54790	50230	38990	44820	

Total acre-feet 600600.

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	555	698	745	760	250	2200	761	1150	965	777	592	585
2	585	675	745	749	350	2750	705	1030	889	794	541	471
3	585	668	785	750	420	1900	690	1160	880	2210	464	443
4	585	668	794	780	430	1620	660	1430	828	1440	397	464
5	608	668	721	800	520	1600	675	1120	785	1070	373	520
6	630	705	316	780	680	1600	600	1020	761	1250	379	592
7	638	745	205	770	950	1570	545	1300	721	2420	492	675
8	668	769	200	760	1000	1180	622	1280	705	1290	482	622
9	721	777	210	780	1030	946	705	1140	682	870	429	592
10	721	802	240	800	1050	908	785	976	745	777	443	570
11	698	785	350	820	980	908	927	1180	810	753	471	660
12	690	802	530	830	970	927	844	1550	927	690	499	1060
13	668	802	550	810	960	956	836	1230	777	630	506	1660
14	652	753	540	790	820	965	810	1080	705	570	422	802
15	668	737	540	800	750	1260	853	1030	638	520	409	721
16	737	700	630	820	680	1180	908	996	585	534	391	682
17	862	580	620	870	600	1170	1050	1030	698	520	436	652
18	918	430	610	880	510	1240	1160	976	1030	555	471	608
19	870	320	600	860	440	1160	1110	1050	682	562	541	615
20	785	270	580	820	420	1070	1010	1030	652	592	403	592
21	794	259	560	780	500	976	976	956	1030	506	355	592
22	777	290	520	780	680	946	870	870	794	513	355	600
23	729	360	520	810	827	870	836	844	713	527	344	608
24	705	580	550	837	1000	836	819	810	777	499	338	645
25	705	740	590	820	1250	819	828	802	1140	499	338	645
26	690	810	640	936	1430	794	870	769	753	592	361	652
27	690	819	710	615	1650	753	927	946	729	908	391	638
28	705	721	780	485	1950	698	956	745	713	513	361	630
29	705	721	790	290	---	794	1380	777	705	513	443	592
30	705	745	780	220	---	810	1170	819	698	769	769	608
31	682	---	770	180	---	794	---	828	---	534	705	---
Mean	701	647	572	735	825	1168	862	1030	784	813	449	660
Max.	918	819	794	936	1950	2750	1380	1550	1140	2420	769	1660
Min.	555	259	200	180	250	698	545	745	585	499	338	443
A. F.	43100	38480	35150	45170	45810	71800	51290	63320	46650	49980	27590	39260

Total acre-feet 557600.

LOUP RIVER, SOUTH, AT CALLAWAY—Sec. 2-15-23 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	51	59	47	71	55	71	81	110	112	56	64	67
2	56	64	79	59	60	79	75	257	98	51	60	67
3	45	67	81	61	53	98	69	263	120	59	71	64
4	51	63	77	60	59	94	81	166	94	67	71	61
5	56	25	33	69	66	85	90	136	83	71	67	64
6	45	24	61	74	67	94	88	120	122	63	74	117
7	50	53	71	71	69	79	44	153	67	263	74	66
8	53	64	43	61	61	81	50	105	103	122	60	64
9	51	64	47	60	61	77	94	102	87	50	81	64
10	48	71	54	60	59	81	85	133	87	61	67	60
11	49	60	51	58	63	71	96	350	60	210	69	64
12	51	59	64	60	67	74	89	320	74	50	66	76
13	57	61	56	60	67	74	98	325	72	67	56	75
14	45	49	74	60	74	98	100	127	79	54	61	69
15	61	80	59	60	32	108	103	120	74	59	74	69
16	45	81	56	59	35	105	105	117	74	60	153	59
17	55	81	55	50	61	103	77	108	63	64	205	71
18	59	75	61	48	89	108	85	94	56	77	71	63
19	59	10	61	49	103	96	83	83	60	77	61	79
20	61	44	59	51	89	96	85	88	63	67	67	64
21	56	56	55	54	98	79	81	88	209	85	60	59
22	61	77	56	53	89	98	81	74	98	74	64	67
23	55	56	65	51	110	94	83	88	98	69	49	60
24	49	56	25	57	71	94	85	94	85	81	63	61
25	56	64	54	28	66	94	89	89	77	74	64	67
26	59	56	64	59	74	87	85	92	55	81	59	69
27	60	81	64	64	71	94	89	83	67	64	67	56
28	56	67	77	65	66	92	179	85	64	67	59	56
29	64	56	51	64	---	89	153	77	61	112	61	55
30	59	56	51	23	---	89	122	98	55	74	59	49
31	49	---	47	51	---	81	---	139	---	67	61	---
Mean	54	59	58	57	69	89	91	132	84	81	72	66
Max.	64	81	81	74	110	108	179	350	209	263	205	117
Min.	45	10	33	23	32	71	44	74	55	50	49	49
A. F.	3316	3529	3566	3511	3838	5480	5405	8497	4992	4951	4439	3931

Total acre-feet 55455.

MEDICINE CREEK AT CAMBRIDGE—Sec. 18-4-25 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	26	45	57	65	10	73	62	61	253	48	116	33
2	29	46	68	60	15	62	66	73	127	842	77	37
3	27	43	65	55	50	74	53	111	94	463	47	36
4	26	51	59	55	75	58	52	210	82	284	41	45
5	27	50	43	60	65	69	57	97	67	61	36	39
6	29	51	45	50	60	62	62	111	56	50	29	104
7	34	52	35	45	70	61	71	130	56	108	29	73
8	35	53	10	45	65	65	68	103	58	69	26	60
9	35	52	15	45	55	56	60	86	48	67	44	54
10	31	54	20	50	60	65	60	72	69	53	34	46
11	33	61	35	55	80	64	60	56	66	45	29	43
12	37	47	45	50	65	62	56	59	52	36	26	38
13	36	47	35	45	64	49	58	61	46	37	25	68
14	33	49	35	55	65	63	59	53	44	49	27	58
15	36	50	40	60	64	67	94	60	45	38	23	56
16	45	52	50	60	35	67	78	53	61	41	31	50
17	46	58	60	60	20	65	70	56	65	45	27	46
18	42	50	65	60	25	74	66	42	52	40	25	42
19	49	25	60	55	30	78	63	39	44	40	22	37
20	52	30	70	55	35	64	75	60	60	75	22	40
21	53	35	60	60	35	67	66	112	58	43	23	37
22	52	40	50	60	45	60	70	82	43	50	24	34
23	47	50	45	55	50	57	64	60	39	60	23	32
24	47	65	50	30	55	55	60	60	40	60	22	30
25	45	60	50	12	60	49	73	54	106	40	22	29
26	50	60	60	20	66	58	64	55	103	40	20	30
27	50	60	70	40	64	52	82	49	58	35	260	29
28	51	60	65	30	59	58	72	49	59	123	93	29
29	49	59	55	15	---	59	74	44	46	540	44	29
30	50	59	60	6	---	61	62	957	48	360	37	27
31	46	---	60	8	---	60	---	564	---	200	37	---
Mean	40	50	49	45	51	62	65	119	68	130	43	43
Max.	53	61	70	65	80	78	94	957	253	842	260	104
Min.	26	35	10	6	10	49	52	39	39	35	20	27
A. F.	2480	3000	3050	2820	2860	3840	3920	7300	4060	8020	2660	2600

Total acre-feet 46610.

MELBETA DRAIN—Sec. 13-21-54 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	6	3	4	4	3	3	2	22	7	2	12	2
2	6	3	4	4	3	3	2	10	3	5	9	16
3	6	3	4	4	3	3	2	18	19	5	6	8
4	6	3	4	4	3	3	2	15	13	6	5	17
5	6	3	4	4	3	3	2	12	8	8	3	9
6	6	3	4	4	3	3	2	3	9	4	1	5
7	6	3	3	4	3	3	2	14	12	7	1	11
8	6	3	3	4	3	3	2	13	8	5	1	12
9	6	3	3	4	3	3	2	12	8	4	4	15
10	5	3	3	3	3	3	2	12	8	14	1	7
11	5	3	3	3	3	3	2	10	0	10	1	9
12	5	3	3	3	3	3	2	9	9	6	0	17
13	5	3	3	3	3	3	2	11	10	5	1	17
14	5	3	3	3	3	3	3	15	10	3	1	19
15	5	3	3	3	3	3	5	14	3	0	0	15
16	5	3	3	3	3	3	2	12	0	7	0	6
17	4	3	3	3	3	3	1	12	0	22	0	12
18	4	3	3	3	3	3	1	7	6	13	0	13
19	4	3	3	3	3	3	1	10	0	10	0	17
20	4	3	3	3	3	3	1	6	4	8	2	12
21	4	3	3	3	3	3	1	5	5	5	1	6
22	4	3	3	3	3	3	1	4	8	6	1	14
23	4	3	3	3	3	3	1	3	9	5	1	10
24	4	3	3	3	3	3	1	3	2	8	0	13
25	4	3	3	3	3	3	1	4	7	10	0	13
26	4	3	3	3	3	3	1	3	4	5	1	12
27	4	3	3	3	3	3	1	3	6	3	1	10
28	4	3	3	3	3	3	2	3	3	5	0	5
29	3	3	3	3	---	---	16	2	5	9	0	5
30	3	4	3	3	---	---	20	21	1	10	0	5
31	3	---	3	3	---	---	2	3	---	12	0	---
Mean	5	3	3	3	3	3	3	9	6	7	2	11
Max.	6	4	4	4	4	4	20	22	19	22	12	17
Min.	3	3	3	3	3	3	1	2	0	0	0	2
A. F.	290	180	196	202	167	155	169	577	371	440	105	659

Total acre-feet 3511.

MINATARE CANAL WASTE—SEC. 21-21-53 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1										6	4	36
2	*	*	*	*	*	*	*	*	*	6	11	17
3	*	*	*	*	*	*	*	*	*	15	10	25
4	*	*	*	*	*	*	*	*	*	14	10	29
5	*	*	*	*	*	*	*	*	*	6	19	25
6	*	*	*	*	*	*	*	*	*	8	18	24
7	*	*	*	*	*	*	*	*	*	0	14	25
8	*	*	*	*	*	*	*	*	*	0	10	28
9	*	*	*	*	*	*	*	*	19	18	15	30
10	*	*	*	*	*	*	*	*	18	16	10	23
11	*	*	*	*	*	*	*	*	18	7	10	24
12	*	*	*	*	*	*	*	*	17	6	8	25
13	*	*	*	*	*	*	*	*	6	4	1	25
14	*	*	*	*	*	*	*	*	1	0	0	25
15	*	*	*	*	*	*	*	*	1	0	0	25
16	*	*	*	*	*	*	*	*	1	0	0	24
17	*	*	*	*	*	*	*	*	1	0	0	18
18	*	*	*	*	*	*	*	*	1	17	14	17
19	*	*	*	*	*	*	*	*	1	11	0	17
20	*	*	*	*	*	*	*	*	1	14	0	17
21	*	*	*	*	*	*	*	*	0	14	14	17
22	*	*	*	*	*	*	*	*	0	10	14	15
23	*	*	*	*	*	*	*	*	0	16	5	16
24	*	*	*	*	*	*	*	*	0	15	5	16
25	*	*	*	*	*	*	*	*	0	6	5	16
26	*	*	*	*	*	*	*	*	7	22	6	16
27	*	*	*	*	*	*	*	*	0	21	14	14
28	*	*	*	*	*	*	*	*	0	18	17	17
29	*	*	*	*	*	*	*	*	0	20	14	12
30	*	*	*	*	---	*	*	*	6	9	10	6
31	*	*	*	*	---	*	*	*	---	6	13	---
Mean	*	*	*	*	*	*	*	*	7	11	8	21
Max.	*	*	*	*	*	*	*	*	19	22	19	36
Min.	*	*	*	*	*	*	*	*	0	0	0	6
A. F.	*	*	*	*	*	*	*	*	194	605	538	1238

Total acre-feet 2575.

*No record.

 MITCHELL FACTORY WASTE—Sec. 27-23-56 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	2	14	8	0	0	0	0	0	0	0	0	0
2	2	14	8	0	0	0	0	0	0	0	0	1
3	2	14	8	0	0	0	0	0	0	0	0	1
4	2	14	6	0	0	0	0	0	0	0	0	1
5	6	14	6	0	0	0	0	0	0	0	0	1
6	10	14	6	0	0	0	0	0	0	0	0	0
7	12	14	4	0	0	0	0	0	0	0	0	0
8	14	14	4	0	0	0	0	0	0	0	0	0
9	14	14	4	0	0	0	0	0	0	0	0	0
10	14	14	2	0	0	0	0	0	0	0	0	0
11	14	15	2	0	0	0	0	0	0	0	0	0
12	14	15	2	0	0	0	0	0	0	0	0	0
13	14	15	1	0	0	0	0	0	0	0	0	0
14	14	15	1	0	0	0	0	0	0	0	0	0
15	14	15	1	0	0	0	0	0	0	0	0	0
16	14	15	0	0	0	0	0	0	0	0	0	0
17	14	15	0	0	0	0	0	0	0	0	0	0
18	14	15	0	0	0	0	0	0	0	0	0	0
19	14	15	0	0	0	0	0	0	0	0	0	0
20	14	15	0	0	0	0	0	0	0	0	0	0
21	14	15	0	0	0	0	0	0	0	0	0	0
22	14	14	0	0	0	0	0	0	0	0	0	0
23	14	14	0	0	0	0	0	0	0	0	0	0
24	14	14	0	0	0	0	0	0	0	0	0	0
25	14	12	0	0	0	0	0	0	0	0	0	1
26	14	12	0	0	0	0	0	0	0	0	0	1
27	14	12	0	0	0	0	0	0	0	0	0	1
28	14	10	0	0	0	0	0	0	0	0	0	1
29	14	10	0	0	---	0	0	0	0	0	0	1
30	14	10	0	0	---	0	0	0	0	0	0	1
31	14	---	0	0	---	0	---	0	---	0	0	---
Mean	12	14	2	0	0	0	0	0	0	0	0	0.3
Max.	14	15	8	0	0	0	0	0	0	0	0	1
Min.	2	10	0	0	0	0	0	0	0	0	0	0
A. F.	738	819	125	0	0	0	0	0	0	0	0	20

Total acre-feet 1702.

MITCHELL SPILLWAY—Sec. 35-23-56 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	23	30	20	24	18	10	8	6	0	0	0
2	10	23	30	15	24	18	10	8	8	0	0	1
3	20	22	30	10	24	18	10	70	2	0	0	2
4	26	22	30	5	24	19	10	5	2	0	0	0
5	26	22	30	5	23	18	9	5	2	0	0	0
6	26	23	30	5	23	17	9	9	0	0	0	0
7	26	23	30	5	22	16	9	6	0	0	0	0
8	26	24	30	10	22	15	9	7	0	0	0	0
9	26	24	30	15	21	14	9	6	1	0	0	0
10	26	25	30	20	21	13	9	6	1	0	0	0
11	26	25	30	25	20	12	9	6	0	0	0	0
12	26	26	30	25	20	12	9	2	0	0	0	0
13	26	26	30	25	19	11	9	1	0	0	0	40
14	27	27	30	25	19	11	8	0	0	0	0	44
15	27	27	30	25	18	10	8	0	0	0	0	31
16	28	28	30	25	18	10	8	0	1	0	0	31
17	28	29	29	25	17	10	8	0	0	0	0	31
18	28	29	28	25	17	10	8	0	0	0	0	31
19	30	29	27	25	16	10	8	89	0	0	0	31
20	32	29	26	25	16	10	7	25	0	0	0	0
21	34	29	25	25	16	10	7	14	0	0	0	0
22	37	29	24	25	16	10	7	11	0	0	0	0
23	35	29	23	25	16	10	7	13	0	0	0	0
24	32	29	22	25	17	10	6	14	0	0	0	0
25	29	29	21	25	17	10	6	14	0	0	0	0
26	27	29	20	24	17	10	6	22	0	0	0	0
27	25	30	20	24	17	10	6	2	0	0	0	0
28	24	30	20	24	17	10	7	0	0	0	0	0
29	24	30	20	24	---	10	7	0	0	0	0	0
30	24	30	20	24	---	10	7	10	0	0	0	0
31	23	---	20	24	---	10	---	54	0	0	0	---
Mean	26	27	27	20	19	12	8	13	1	0	0	8
Max.	37	30	30	25	24	19	10	89	8	0	0	44
Min.	0	22	20	5	16	10	6	0	0	0	0	0
A. F. 1595	1587	1636	1248	1073	758	480	827	46	0	0	0	480
Total acre-feet 9730.												

NINE MILE DRAIN NEAR MINATARE—Sec. 25-21-53 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	147	127	106	96	83	84	77	77	93	117	146	169
2	150	123	108	98	86	86	77	79	93	120	138	201
3	158	121	105	96	86	86	76	80	88	122	137	233
4	137	122	100	94	87	90	76	82	87	119	131	216
5	137	125	105	94	85	88	76	91	88	117	140	196
6	138	126	106	94	86	88	76	94	91	114	142	183
7	136	126	102	93	86	88	81	90	94	116	143	190
8	136	126	98	94	85	86	78	86	96	119	140	190
9	136	124	98	94	81	88	75	87	101	119	143	189
10	137	122	98	95	83	87	86	84	98	119	138	183
11	136	119	98	92	84	88	87	84	98	129	141	198
12	130	117	98	88	84	84	83	83	99	130	138	208
13	138	117	100	90	85	86	82	81	112	130	147	233
14	129	117	103	91	84	89	82	84	102	128	146	224
15	129	117	101	91	85	90	84	86	109	128	161	203
16	129	113	102	91	84	86	81	91	106	128	157	221
17	141	114	99	89	84	85	84	151	110	175	156	225
18	147	120	101	90	86	84	81	128	110	151	157	224
19	133	110	98	91	83	83	82	220	116	192	158	213
20	129	112	98	91	84	86	78	124	127	182	154	226
21	126	109	99	91	83	84	78	105	111	146	139	206
22	126	109	98	90	84	84	78	97	146	143	142	186
23	124	110	95	90	83	82	79	92	238	148	143	190
24	124	110	94	84	84	81	77	96	159	149	138	185
25	120	113	96	84	86	79	77	92	246	147	143	199
26	120	110	96	86	84	80	77	88	142	154	142	188
27	120	107	97	89	86	79	78	85	122	146	142	171
28	128	109	98	87	86	83	100	86	118	144	150	168
29	122	110	97	88	---	80	93	93	118	146	155	169
30	128	109	100	87	---	77	75	94	122	147	155	167
31	128	---	97	84	---	76	---	94	---	136	156	---
Mean	133	116	99	90	84	84	80	96	118	137	146	202
Max.	158	127	108	98	87	90	100	220	246	192	161	301
Min.	120	107	94	84	81	76	75	77	87	114	131	167
A. F. 8170	6930	6130	5580	4690	5190	4790	5960	7020	8450	8960	12010	---
Total acre-feet 83880.												

NIOBRARA RIVER AT DUNLAP—Sec. 27-29-48 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	37	19	50	54	35	75	52	53	31	6	8	16
2	32	18	50	58	44	75	54	46	29	7	6	14
3	23	18	53	50	51	69	54	43	27	6	8	14
4	21	20	61	47	46	66	54	43	20	6	12	12
5	20	24	64	48	47	61	55	40	18	6	9	10
6	21	24	59	51	46	62	50	40	17	23	5	10
7	20	23	56	45	52	62	47	38	15	23	4	11
8	20	24	50	47	54	62	49	37	13	28	5	14
9	20	23	42	43	51	61	49	26	11	28	8	21
10	20	14	45	47	54	58	73	35	9	20	7	17
11	19	16	48	46	55	56	85	34	7	27	7	20
12	19	17	46	36	60	56	94	33	5	27	7	23
13	19	20	48	60	63	88	83	33	4	21	6	24
14	16	26	50	47	63	73	72	32	3	14	5	27
15	15	27	46	40	51	80	82	31	4	12	5	30
16	15	31	52	43	60	88	79	34	4	13	6	30
17	16	32	55	57	59	90	76	52	4	14	5	29
18	24	31	56	59	54	86	74	32	7	14	6	29
19	24	26	56	62	47	86	64	82	14	16	4	28
20	30	20	50	60	50	85	52	166	12	30	5	27
21	29	26	56	58	56	82	43	89	13	16	5	26
22	23	33	49	57	60	77	43	54	16	13	5	26
23	21	37	45	54	59	75	43	47	32	12	3	25
24	18	41	44	42	59	73	56	51	33	14	3	24
25	17	47	38	25	57	70	116	57	35	14	3	23
26	14	53	40	34	65	65	142	44	14	12	3	23
27	15	54	44	38	66	63	83	39	33	8	106	21
28	16	51	49	40	72	63	71	35	33	10	32	29
29	17	47	52	41	—	60	62	27	25	7	25	19
30	17	49	55	34	—	57	56	30	7	6	21	17
31	18	—	54	30	—	55	—	33	—	8	20	—
Mean	20	30	50	47	55	70	67	47	16	16	11	21
Max.	37	54	64	62	72	90	142	166	35	33	106	30
Min.	14	14	38	25	35	55	43	27	3	6	3	10
A. F.	1260	1770	3100	2880	3050	4320	3990	2870	982	973	704	1250

Total acre-feet 27149.

NIOBRARA RIVER AT VERDEL—Sec. 23-32-8 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	1700	2140	1060	568	568
2	*	*	*	*	*	*	*	5620	2410	1020	787	889
3	*	*	*	*	*	*	*	2140	1910	2200	568	855
4	*	*	*	*	*	*	*	2560	1300	2170	608	804
5	*	*	*	*	*	*	*	1250	1420	1530	494	1210
6	*	*	*	*	*	*	*	1280	1530	4110	452	838
7	*	*	*	*	*	*	*	1500	1230	4560	474	714
8	*	*	*	*	*	*	*	1160	1100	2900	580	960
9	*	*	*	*	*	*	*	1230	1530	1940	484	1020
10	*	*	*	*	*	*	*	1450	1370	1280	580	1020
11	*	*	*	*	*	*	*	1670	1530	1300	1020	2780
12	*	*	*	*	*	*	*	4160	1280	1640	658	1320
13	*	*	*	*	*	*	*	2380	1420	1140	672	1500
14	*	*	*	*	*	*	*	1560	1140	714	360	1730
15	*	*	*	*	*	*	*	1060	1230	672	344	1120
16	*	*	*	*	*	*	*	1480	1700	1230	555	1210
17	*	*	*	*	*	*	*	2450	1590	2170	923	1280
18	*	*	*	*	*	*	*	3050	1320	1640	889	872
19	*	*	*	*	*	*	*	4340	1530	1060	463	555
20	*	*	*	*	*	*	*	1970	1300	872	494	728
21	*	*	*	*	*	*	*	1880	1280	980	672	960
22	*	*	*	*	*	*	*	2140	1100	1450	582	960
23	*	*	*	*	*	*	*	1850	1640	855	568	1160
24	*	*	*	*	*	*	*	1530	3220	605	494	1210
25	*	*	*	*	*	*	*	1350	1820	1280	821	686
26	*	*	*	*	*	*	*	1610	2010	2070	1320	672
27	*	*	*	*	*	*	*	2670	1610	1880	1080	700
28	*	*	*	*	*	*	*	2670	1560	2670	1000	804
29	*	*	*	*	*	*	*	1970	2490	2520	2410	872
30	*	*	*	*	*	*	*	2270	2340	1590	1610	605
31	*	*	*	*	*	*	*	—	3850	—	2450	1610
Mean	*	*	*	*	*	*	*	2090	2166	1641	1606	1098
Max.	*	*	*	*	*	*	*	2670	5620	3220	4560	1610
Min.	*	*	*	*	*	*	*	1350	1060	1100	605	344
A. F.	*	*	*	*	*	*	*	24870	133200	97650	98760	40160

Total acre-feet 460000.

*No record.

NORTH PLATTE CANAL WASTE—Sec. 29-14-30 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	2	33	4	1	24
2	*	*	*	*	*	*	*	2	19	12	0	32
3	*	*	*	*	*	*	*	1	14	86	0	67
4	*	*	*	*	*	*	*	0	10	80	0	72
5	*	*	*	*	*	*	*	0	2	57	0	69
6	*	*	*	*	*	*	*	0	11	58	1	44
7	*	*	*	*	*	*	*	0	46	57	1	44
8	*	*	*	*	*	*	*	0	25	50	0	46
9	*	*	*	*	*	*	*	0	10	43	1	45
10	*	*	*	*	*	*	*	0	91	37	2	42
11	*	*	*	*	*	*	*	0	72	10	24	29
12	*	*	*	*	*	*	*	31	47	16	12	29
13	*	*	*	*	*	*	*	68	12	2	5	33
14	*	*	*	*	*	*	*	10	20	0	2	29
15	*	*	*	*	*	*	*	14	20	0	1	25
16	*	*	*	*	*	*	*	8	11	0	0	20
17	*	*	*	*	*	*	*	21	30	2	35	25
18	*	*	*	*	*	*	*	18	20	1	54	38
19	*	*	*	*	*	*	*	17	13	0	26	31
20	*	*	*	*	*	*	*	36	42	1	6	24
21	*	*	*	*	*	*	*	13	13	2	12	22
22	*	*	*	*	*	*	*	9	16	1	11	20
23	*	*	*	*	*	*	*	4	18	0	0	15
24	*	*	*	*	*	*	*	1	7	3	0	8
25	*	*	*	*	*	*	*	18	50	1	1	36
26	*	*	*	*	*	*	*	15	28	1	4	46
27	*	*	*	*	*	*	*	14	24	0	29	25
28	*	*	*	*	*	*	*	7	20	0	38	4
29	*	*	*	*	*	*	*	17	17	0	47	1
30	*	*	*	*	*	*	*	68	17	0	23	24
31	*	*	*	*	*	*	*	15	---	1	24	---
Mean	*	*	*	*	*	*	*	13	25	17	16	32
Max.	*	*	*	*	*	*	*	68	91	86	54	72
Min.	*	*	*	*	*	*	*	0	2	0	0	1
A. F.	*	*	*	*	*	*	*	811	1503	1041	714	1922

Total acre-feet 5991.

*No record.

NORTH PLATTE CANAL WASTE (WEST)
TO NORTH PLATTE CANAL WASTE—Sec. 26-14-31 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	33	4	1	24
2	*	*	*	*	*	*	*	0	19	12	0	32
3	*	*	*	*	*	*	*	0	14	86	0	67
4	*	*	*	*	*	*	*	0	10	80	0	72
5	*	*	*	*	*	*	*	0	2	57	0	69
6	*	*	*	*	*	*	*	0	4	58	1	44
7	*	*	*	*	*	*	*	0	36	57	1	44
8	*	*	*	*	*	*	*	0	19	50	0	46
9	*	*	*	*	*	*	*	0	10	43	1	45
10	*	*	*	*	*	*	*	0	81	37	2	42
11	*	*	*	*	*	*	*	0	62	10	24	29
12	*	*	*	*	*	*	*	31	37	9	12	29
13	*	*	*	*	*	*	*	68	12	2	5	33
14	*	*	*	*	*	*	*	10	12	0	2	29
15	*	*	*	*	*	*	*	14	13	0	1	25
16	*	*	*	*	*	*	*	8	4	0	0	20
17	*	*	*	*	*	*	*	21	24	2	35	25
18	*	*	*	*	*	*	*	18	15	1	54	38
19	*	*	*	*	*	*	*	17	8	0	26	31
20	*	*	*	*	*	*	*	36	37	1	6	24
21	*	*	*	*	*	*	*	13	13	2	12	22
22	*	*	*	*	*	*	*	9	16	1	11	20
23	*	*	*	*	*	*	*	4	18	0	0	15
24	*	*	*	*	*	*	*	1	7	3	0	8
25	*	*	*	*	*	*	*	18	50	1	1	36
26	*	*	*	*	*	*	*	15	23	1	4	46
27	*	*	*	*	*	*	*	14	24	0	29	25
28	*	*	*	*	*	*	*	7	20	0	38	4
29	*	*	*	*	*	*	*	17	17	0	47	1
30	*	*	*	*	*	*	*	68	17	0	23	24
31	*	*	*	*	*	*	*	15	---	1	24	---
Mean	*	*	*	*	*	*	*	20	22	24	16	32
Max.	*	*	*	*	*	*	*	68	62	86	54	72
Min.	*	*	*	*	*	*	*	0	2	0	0	1
A. F.	*	*	*	*	*	*	*	801	1303	1027	714	1922

Total acre-feet 5767.

*No record.

NORTH PLATTE CANAL WASTE TO SCOUT CREEK—Sec. 24-14-31 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	*	*	*	*	*	*	0	8	8	6	13
2	9	*	*	*	*	*	*	0	9	13	5	10
3	17	*	*	*	*	*	*	0	11	5	0	9
4	17	*	*	*	*	*	*	0	11	10	0	15
5	10	*	*	*	*	*	*	0	8	17	0	11
6	8	*	*	*	*	*	*	0	4	17	0	9
7	2	*	*	*	*	*	*	0	7	15	1	8
8	2	*	*	*	*	*	*	0	6	13	1	9
9	1	*	*	*	*	*	*	0	12	18	0	9
10	8	*	*	*	*	*	*	0	8	15	5	8
11	5	*	*	*	*	*	*	0	9	13	14	6
12	8	*	*	*	*	*	*	1	19	14	10	7
13	3	*	*	*	*	*	*	4	14	11	14	7
14	5	*	*	*	*	*	*	1	21	5	9	7
15	5	*	*	*	*	*	*	10	18	4	0	6
16	6	*	*	*	*	*	*	9	13	4	0	6
17	6	*	*	*	*	*	*	13	11	6	5	6
18	6	*	*	*	*	*	*	8	8	10	17	8
19	5	*	*	*	*	*	*	9	5	14	15	8
20	4	*	*	*	*	*	*	10	7	15	10	7
21	3	*	*	*	*	*	*	10	14	10	19	6
22	1	*	*	*	*	*	*	9	17	13	14	5
23	0	*	*	*	*	*	*	11	8	12	9	5
24	0	*	*	*	*	*	*	7	11	5	5	9
25	*	*	*	*	*	*	*	11	12	3	3	20
26	*	*	*	*	*	*	*	11	12	6	8	22
27	*	*	*	*	*	*	*	10	19	5	15	10
28	*	*	*	*	*	*	*	9	19	9	28	6
29	*	*	*	*	*	*	*	15	21	5	15	6
30	*	*	*	*	---	*	*	13	11	5	19	21
31	*	---	*	*	---	*	*	4	---	15	28	---
Mean	6							9	12	10	9	9
Max.	17							15	21	18	28	22
Min.	0							0	4	3	0	5
A. F.	262							347	704	649	545	553

Total acre-feet 3060.

*No record.

NORTH PLATTE POWER RETURN—Sec. 9-13-20 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	---	0	0	0	0	0	0	0
30	0	0	0	0	---	0	0	0	0	0	0	0
31	0	---	0	0	---	0	---	0	---	0	0	---

Reported by the Platte Valley Public Power and Irrigation District.

NORTHPORT CANAL WASTE TO INDIAN CREEK—Sec. 21-21-50 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	6	0	0	0
2	*	*	*	*	*	*	*	*	40	3	0	0
3	*	*	*	*	*	*	*	*	30	2	0	0
4	*	*	*	*	*	*	*	*	23	0	0	120
5	*	*	*	*	*	*	*	*	4	9	0	85
6	*	*	*	*	*	*	*	*	0	0	0	51
7	*	*	*	*	*	*	*	*	0	0	0	37
8	*	*	*	*	*	*	*	*	0	0	0	34
9	*	*	*	*	*	*	*	*	0	0	0	33
10	*	*	*	*	*	*	*	*	0	0	0	25
11	*	*	*	*	*	*	*	*	0	0	0	31
12	*	*	*	*	*	*	*	*	0	0	0	30
13	*	*	*	*	*	*	*	*	0	0	0	15
14	*	*	*	*	*	*	*	*	0	0	0	17
15	*	*	*	*	*	*	*	*	0	0	0	19
16	*	*	*	*	*	*	*	*	0	0	0	18
17	*	*	*	*	*	*	*	*	0	0	0	15
18	*	*	*	*	*	*	*	*	0	0	0	12
19	*	*	*	*	*	*	*	*	0	10	0	10
20	*	*	*	*	*	*	*	*	0	0	0	10
21	*	*	*	*	*	*	*	*	0	0	0	12
22	*	*	*	*	*	*	*	*	0	0	0	11
23	*	*	*	*	*	*	*	*	15	0	0	6
24	*	*	*	*	*	*	*	*	28	0	0	12
25	*	*	*	*	*	*	*	*	20	0	0	9
26	*	*	*	*	*	*	*	*	20	0	0	11
27	*	*	*	*	*	*	*	*	2	0	0	0
28	*	*	*	*	*	*	*	*	2	0	0	0
29	*	*	*	*	*	*	*	*	0	0	0	0
30	*	*	*	*	---	*	*	*	0	0	0	0
31	*	*	*	*	---	*	*	*	0	0	0	0
Mean	*	---	*	*	---	*	*	*	17	6	0	28
Max.	*	*	*	*	*	*	*	*	40	10	0	120
Min.	*	*	*	*	*	*	*	*	0	0	0	0
A. F.	*	*	*	*	*	*	*	*	377	48	0	1236

Total acre-feet 1661.

*No record.

NORTHPORT CANAL WASTE TO SILVERNAIL DRAIN
Sec. 31-20-49 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	0	7	0	0
2	*	*	*	*	*	*	*	*	2	2	0	0
3	*	*	*	*	*	*	*	*	10	2	0	0
4	*	*	*	*	*	*	*	*	12	2	0	0
5	*	*	*	*	*	*	*	*	10	14	0	0
6	*	*	*	*	*	*	*	*	0	21	0	0
7	*	*	*	*	*	*	*	*	0	18	0	0
8	*	*	*	*	*	*	*	*	0	12	0	0
9	*	*	*	*	*	*	*	*	0	20	0	0
10	*	*	*	*	*	*	*	*	0	4	0	0
11	*	*	*	*	*	*	*	*	0	2	0	0
12	*	*	*	*	*	*	*	*	0	0	0	0
13	*	*	*	*	*	*	*	*	0	0	0	0
14	*	*	*	*	*	*	*	*	0	0	0	0
15	*	*	*	*	*	*	*	*	0	0	0	0
16	*	*	*	*	*	*	*	*	0	18	0	0
17	*	*	*	*	*	*	*	*	0	18	0	0
18	*	*	*	*	*	*	*	*	0	15	0	0
19	*	*	*	*	*	*	*	*	0	18	0	0
20	*	*	*	*	*	*	*	*	3	15	0	0
21	*	*	*	*	*	*	*	*	8	18	0	0
22	*	*	*	*	*	*	*	*	6	20	0	0
23	*	*	*	*	*	*	*	*	4	20	0	0
24	*	*	*	*	*	*	*	*	15	15	0	0
25	*	*	*	*	*	*	*	*	15	0	0	0
26	*	*	*	*	*	*	*	*	12	0	0	0
27	*	*	*	*	*	*	*	*	18	10	0	0
28	*	*	*	*	*	*	*	*	5	15	0	0
29	*	*	*	*	*	*	*	*	8	4	0	0
30	*	*	*	*	---	*	*	*	0	0	0	0
31	*	*	*	*	---	*	*	*	---	0	0	---
Mean	*	---	*	*	---	*	*	*	9	13	0	0
Max.	*	*	*	*	*	*	*	*	15	21	0	0
Min.	*	*	*	*	*	*	*	*	0	0	0	0
A. F.	*	*	*	*	*	*	*	*	254	545	0	0

Total acre-feet 799.

*No record.

NORTHPORT CANAL WASTE TO UPPER DUGOUT CREEK

Sec. 13-20-50 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1									0	0	0	0
2	*	*	*	*	*	*	*	*	0	0	0	0
3	*	*	*	*	*	*	*	*	0	0	0	0
4	*	*	*	*	*	*	*	*	2	10	0	0
5	*	*	*	*	*	*	*	*	2	11	0	0
6	*	*	*	*	*	*	*	*	2	11	0	0
7	*	*	*	*	*	*	*	*	0	13	0	0
8	*	*	*	*	*	*	*	*	0	13	0	0
9	*	*	*	*	*	*	*	*	0	13	0	0
10	*	*	*	*	*	*	*	*	0	12	0	0
11	*	*	*	*	*	*	*	*	0	12	0	0
12	*	*	*	*	*	*	*	*	0	0	0	0
13	*	*	*	*	*	*	*	*	0	0	0	0
14	*	*	*	*	*	*	*	*	0	0	0	0
15	*	*	*	*	*	*	*	*	0	0	0	0
16	*	*	*	*	*	*	*	*	0	0	0	0
17	*	*	*	*	*	*	*	*	0	0	0	0
18	*	*	*	*	*	*	*	*	0	12	0	0
19	*	*	*	*	*	*	*	*	0	18	0	0
20	*	*	*	*	*	*	*	*	0	9	0	0
21	*	*	*	*	*	*	*	*	0	4	0	0
22	*	*	*	*	*	*	*	*	7	4	0	0
23	*	*	*	*	*	*	*	*	8	19	0	0
24	*	*	*	*	*	*	*	*	9	21	0	0
25	*	*	*	*	*	*	*	*	19	5	0	0
26	*	*	*	*	*	*	*	*	17	0	0	0
27	*	*	*	*	*	*	*	*	17	6	0	0
28	*	*	*	*	*	*	*	*	15	1	0	0
29	*	*	*	*	*	*	*	*	12	2	0	0
30	*	*	*	*	---	*	*	*	20	0	0	0
31	*	---	*	*	---	*	---	*	---	0	0	---
Mean									10	10	0	0
Max.									19	21	0	0
Min.									0	0	0	0
A. F.									262	389	0	0

Total acre-feet 651.

*No record.

OTTER CREEK NEAR LEMOYNE—Sec. 5-15-40 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	20	25	24	23	21	25	24	25	20	21	15	18
2	20	25	24	23	22	25	24	23	20	21	14	18
3	20	25	24	23	22	25	24	23	21	21	13	20
4	20	25	24	23	22	24	24	24	20	23	14	19
5	20	25	24	23	23	24	24	24	21	20	14	20
6	21	25	24	23	23	24	24	24	19	20	15	20
7	21	25	24	23	23	24	24	24	20	19	15	20
8	21	25	24	23	24	24	24	24	19	20	16	21
9	21	25	24	23	24	24	24	24	19	20	16	21
10	21	25	24	23	24	24	24	11	20	20	16	21
11	22	25	24	23	25	23	24	11	20	13	16	21
12	22	25	24	23	25	23	24	10	20	14	17	21
13	22	25	24	21	26	23	24	10	18	16	17	21
14	22	25	24	21	26	23	24	11	24	13	17	21
15	22	25	24	21	26	23	25	11	24	13	17	21
16	26	25	24	21	26	23	26	10	24	13	18	21
17	26	25	24	21	26	22	25	10	24	20	18	21
18	26	25	24	20	26	22	25	10	24	19	18	21
19	26	25	24	20	26	22	25	10	24	19	18	21
20	26	25	24	20	26	22	25	13	26	19	18	22
21	26	25	23	20	26	22	25	16	24	18	19	21
22	26	25	23	19	26	22	25	16	23	18	19	21
23	26	25	23	19	25	23	25	18	22	18	19	21
24	26	25	23	19	25	23	25	17	21	17	20	18
25	26	25	23	19	25	23	25	18	21	17	20	21
26	26	24	23	19	25	24	28	18	21	17	20	21
27	26	24	23	20	25	24	27	18	21	16	21	21
28	26	24	23	20	25	24	27	18	21	16	21	21
29	26	24	23	20	---	24	26	18	21	16	19	21
30	26	24	23	21	---	24	26	24	21	15	18	21
31	26	---	23	21	---	24	---	19	---	15	18	---
Mean	24	25	24	21	25	23	25	17	21	18	17	21
Max.	26	25	24	23	26	25	28	25	26	21	21	22
Min.	20	24	23	19	21	22	24	10	18	13	13	18
A. F.	1450	1478	1454	1293	1365	1440	1480	1055	1275	1085	1063	1222

Total acre-feet 15660.

PAWNEE CREEK—Sec. 4-12-27 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	2	8	6	6	6	5	5	6	6	5	3	4
2	2	8	6	6	6	5	5	6	6	8	3	6
3	2	8	6	6	6	5	5	7	6	7	3	7
4	2	8	6	6	6	5	5	6	6	7	3	7
5	2	8	6	6	6	5	5	6	6	6	3	7
6	2	8	6	6	6	5	5	6	6	7	3	7
7	3	7	6	6	6	5	6	7	6	7	3	7
8	3	7	6	6	6	5	6	6	6	6	3	7
9	3	7	6	6	6	5	6	6	7	6	3	7
10	3	6	6	6	6	5	6	6	7	5	3	7
11	3	6	6	6	6	5	6	6	6	5	3	7
12	4	6	6	6	6	5	6	6	6	5	3	7
13	4	5	6	6	6	5	6	6	6	4	3	7
14	4	5	6	6	6	5	7	6	6	4	3	7
15	4	5	6	6	6	6	8	6	6	4	5	7
16	5	4	7	6	6	5	7	6	6	4	4	7
17	5	3	7	6	5	5	7	6	6	3	4	7
18	5	3	7	6	5	5	6	6	6	3	4	7
19	5	3	7	6	5	5	6	6	6	3	4	7
20	5	3	7	6	5	5	6	6	6	3	4	7
21	6	3	7	6	5	5	6	6	6	3	4	7
22	6	3	7	6	5	5	6	6	6	3	4	7
23	6	3	7	6	5	5	6	6	6	3	4	7
24	6	3	7	6	5	5	6	6	6	3	4	7
25	6	4	7	6	5	5	6	6	6	3	4	7
26	7	4	7	6	5	5	7	6	6	3	4	7
27	7	4	7	6	5	5	7	6	6	3	4	7
28	7	5	7	6	5	5	6	6	6	3	4	7
29	7	5	7	6	5	5	6	6	6	3	4	7
30	7	6	7	6	5	5	6	8	5	3	4	6
31	7	6	7	6	5	5	6	8	5	3	4	6
Mean	5	5	7	6	6	5	6	6	6	4	4	7
Max.	7	8	7	6	6	6	8	8	7	8	5	7
Min.	2	2	6	6	5	5	5	5	5	3	3	4
A. F.	278	311	415	369	309	309	361	383	357	266	220	389
Total acre-feet 3967.												

PLUM CREEK—Sec. 10-19-49 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	2	3	3	2	2	2	2	2	2	2	2	2
2	2	3	3	2	2	2	2	2	2	2	2	2
3	2	3	3	2	2	2	2	2	2	2	2	2
4	2	3	3	2	2	2	2	2	2	2	2	2
5	2	3	3	2	2	2	2	2	2	2	2	2
6	2	3	3	2	2	2	2	2	2	2	2	2
7	2	3	3	2	2	2	2	2	2	2	2	2
8	2	3	3	2	2	2	2	2	2	2	2	2
9	2	3	3	2	2	2	2	2	2	2	2	2
10	2	3	3	2	2	2	2	1	0	1	2	2
11	2	3	3	2	2	2	2	2	0	1	2	2
12	2	3	3	2	2	2	2	1	0	1	2	2
13	2	3	3	2	2	2	2	2	0	1	2	2
14	2	3	3	2	2	2	2	2	0	1	2	2
15	2	3	3	2	2	2	2	1	0	0	2	2
16	2	3	3	2	2	2	2	1	0	0	2	2
17	2	3	3	2	2	2	2	2	0	0	1	2
18	2	3	3	2	2	2	2	2	0	2	2	2
19	2	3	3	2	2	2	2	2	0	2	2	2
20	2	3	3	2	2	2	2	2	0	2	2	2
21	2	3	3	2	2	2	2	2	0	100	2	2
22	2	3	3	2	2	2	2	2	0	40	2	2
23	2	3	3	2	2	2	2	2	0	35	2	2
24	2	3	3	2	2	2	2	2	1	9	2	2
25	2	3	3	2	2	2	2	2	2	2	2	2
26	2	3	3	2	2	2	2	2	2	2	2	2
27	2	3	3	2	2	2	2	2	2	2	2	2
28	2	3	3	2	2	2	2	25	3	2	2	2
29	2	3	3	2	2	2	2	2	3	2	2	2
30	2	3	3	2	2	2	2	2	2	2	1	1
31	2	3	3	2	2	2	2	1	2	1	1	1
Mean	2	3	3	2	2	2	2	3	1	7	2	2
Max.	3	3	3	2	2	2	2	25	3	100	2	2
Min.	2	2	2	2	2	2	2	1	0	0	1	1
A. F.	134	185	185	123	119	123	119	163	56	440	119	123
Total acre-feet 1889.												

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	14	15	18	38	32	40	34	42	79	14	36	9
2	14	15	14	38	38	40	20	38	71	42	28	51
3	14	15	16	41	40	40	18	13	82	68	18	72
4	14	14	19	42	42	40	12	15	72	81	22	54
5	15	14	20	41	41	39	8	14	54	70	20	48
6	16	15	22	40	38	35	13	16	52	54	20	51
7	16	14	20	38	39	34	20	17	61	32	20	47
8	16	14	22	40	39	34	28	18	55	32	22	69
9	12	14	28	41	36	34	36	20	47	22	24	50
10	9	13	31	40	36	31	45	22	46	15	22	48
11	8	14	33	39	36	30	43	19	38	10	30	49
12	8	14	38	37	36	30	20	19	38	5	35	53
13	9	14	36	34	36	32	20	17	36	6	35	60
14	10	14	34	38	34	33	39	17	30	9	35	57
15	11	14	35	43	35	34	22	13	20	5	37	53
16	11	14	36	40	34	33	18	16	13	36	51	49
17	11	12	36	38	34	33	17	84	8	41	39	46
18	12	12	36	38	36	34	16	58	6	51	21	44
19	12	14	35	38	34	36	16	33	7	26	7	43
20	12	13	35	38	36	38	16	76	38	26	7	43
21	12	13	34	37	38	22	27	51	24	27	17	43
22	12	12	36	38	38	22	20	46	17	24	34	43
23	12	12	35	37	38	22	13	60	89	24	34	41
24	12	13	32	36	38	22	14	77	54	23	34	40
25	12	14	29	33	38	22	12	59	26	20	34	39
26	12	13	32	31	38	22	9	52	26	21	34	38
27	12	16	36	39	39	22	33	43	24	20	36	38
28	11	20	39	39	36	23	43	39	27	56	32	34
29	13	23	39	39	---	22	39	38	22	34	17	36
30	14	22	38	36	---	36	39	36	18	52	10	36
31	14	---	38	34	---	40	---	73	---	30	9	---
Mean	12	14	30	38	37	31	23	36	39	31	26	46
Max.	16	23	39	43	42	40	45	84	89	81	51	72
Min.	8	12	14	31	32	22	8	13	6	5	7	9
A. F.	754	865	1890	2340	2050	1910	1410	2260	2340	1940	1630	2750

Total acre-feet 22140.

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	91	82	73	66	58	59	52	68	101	40	57	62
2	105	81	76	66	60	59	55	39	87	79	55	110
3	102	78	73	66	60	64	55	48	98	138	48	91
4	102	78	73	67	60	63	54	52	98	106	59	82
5	87	83	76	68	60	60	55	55	41	130	79	194
6	90	83	76	63	60	58	55	51	44	52	79	169
7	86	81	71	65	60	60	59	50	38	52	78	174
8	84	79	67	65	60	60	59	55	39	45	86	159
9	98	82	66	63	63	59	64	46	40	48	79	156
10	101	83	66	65	62	58	66	44	40	40	78	162
11	101	78	70	65	59	57	62	43	36	37	77	284
12	94	77	68	65	63	58	57	37	38	39	78	221
13	102	73	68	65	63	59	56	40	38	39	81	236
14	101	78	71	65	60	62	55	36	41	42	78	233
15	97	74	73	65	58	62	83	33	42	41	79	226
16	98	78	72	63	60	59	63	311	42	40	78	221
17	99	74	71	64	62	57	56	250	40	68	78	255
18	120	73	73	64	62	56	55	232	42	70	81	271
19	98	73	72	64	63	58	52	588	44	502	81	266
20	95	76	72	64	63	53	51	120	52	68	79	242
21	91	76	72	64	59	52	49	82	49	71	81	237
22	88	74	72	64	59	52	49	71	58	70	78	244
23	92	78	70	65	57	52	51	70	259	74	82	196
24	88	78	68	62	57	52	50	64	95	74	81	137
25	90	79	68	58	57	52	50	64	138	79	81	135
26	90	78	68	59	57	52	51	62	117	78	83	140
27	87	78	68	60	57	52	63	59	82	65	82	138
28	88	78	68	63	57	54	55	62	73	78	63	141
29	86	78	67	64	---	55	53	105	58	87	48	123
30	86	77	68	58	---	55	60	169	41	86	46	78
31	84	---	66	56	---	54	---	233	---	72	59	---
Mean	94	77	70	63	59	56	56	104	67	81	72	179
Max.	120	83	76	68	63	64	83	588	259	502	86	284
Min.	84	73	66	56	57	52	49	33	36	37	46	62
A. F.	5790	4640	4330	3910	3320	3500	3360	6420	3990	4980	4510	10640

Total acre-feet 59390.

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE

Sec. 10-1-42 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	21	40	63	58	34	60	55	58	126	7	12	29
2	24	35	64	58	40	65	56	48	104	5	8	36
3	40	36	66	59	48	61	58	46	94	4	3	29
4	21	34	52	59	56	63	58	42	78	3	3	45
5	20	37	58	61	52	59	56	40	72	2	3	34
6	20	41	59	59	48	58	59	48	70	3	4	38
7	22	59	63	58	52	59	75	63	68	4	4	35
8	24	41	53	59	50	59	100	53	75	2	4	34
9	24	46	40	58	46	58	122	48	73	2	3	31
10	20	41	45	58	50	56	81	48	72	3	3	31
11	16	38	60	55	58	55	77	40	68	1	4	47
12	15	38	66	52	68	55	71	35	65	2	3	65
13	16	52	58	58	64	55	68	40	55	2	3	43
14	20	36	55	58	52	55	71	35	50	5	4	38
15	24	40	63	59	40	73	77	34	34	73	4	41
16	36	42	61	61	36	71	70	45	36	323	7	43
17	40	45	63	58	38	63	63	32	32	178	7	43
18	48	38	66	61	40	56	50	30	30	100	7	41
19	34	40	64	61	45	53	41	26	31	77	5	33
20	37	46	63	63	50	53	38	24	25	44	5	37
21	37	46	64	61	55	56	41	53	24	36	5	38
22	37	48	63	61	61	53	43	52	11	31	5	34
23	40	49	63	58	60	52	46	50	8	22	4	28
24	56	49	61	50	60	53	64	43	9	16	4	27
25	38	52	63	46	58	53	392	34	31	17	4	41
26	34	66	63	68	62	50	148	30	42	23	28	28
27	37	64	61	56	60	52	179	27	19	7	47	35
28	38	64	61	58	58	54	124	38	16	23	60	32
29	35	64	61	55	---	56	107	66	14	44	53	28
30	38	64	63	32	---	55	70	531	11	22	48	28
31	56	---	58	31	---	56	---	242	---	18	38	---
Mean	31	46	60	56	51	57	85	64	48	35	12	37
Max.	56	66	66	68	68	73	392	531	126	323	60	65
Min.	15	34	40	31	34	50	38	24	8	1	3	27
A.F. 1920	2760	3700	3470	2860	3520	5080	3970	2860	2190	778	2210	---

Total acre-feet 35320.

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN

Sec. 31-1-37 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	29	48	60	20	55	35	122	508	1	0	960
2	13	26	38	60	35	42	35	66	222	1	0	1370
3	12	29	38	60	40	45	35	55	155	0	0	355
4	1	35	42	55	55	42	35	59	120	0	0	273
5	2	29	66	60	70	35	9	81	88	0	0	368
6	1	26	101	52	81	42	3	78	80	0	0	349
7	13	35	74	50	74	38	1	152	80	164	0	198
8	22	29	9	45	85	35	2	139	73	138	0	116
9	26	32	10	45	52	63	32	130	60	31	0	66
10	38	42	20	50	48	42	126	126	60	12	0	60
11	38	35	15	45	59	29	97	70	53	0	0	49
12	29	26	15	43	63	22	66	70	46	0	0	100
13	38	26	18	45	48	22	66	63	40	0	0	160
14	45	26	22	49	38	26	45	63	40	582	0	160
15	52	32	40	60	30	161	81	55	40	284	0	88
16	89	35	35	70	20	170	63	63	466	1370	0	53
17	106	22	30	90	7	144	45	63	324	252	0	43
18	85	19	30	93	7	118	38	55	262	155	530	43
19	66	12	30	78	10	101	38	48	146	178	116	37
20	52	13	40	70	20	97	38	35	96	412	15	16
21	35	14	30	70	35	78	45	1470	40	70	2	22
22	52	14	25	55	50	59	32	258	34	56	0	22
23	26	15	23	52	80	52	19	148	19	40	0	28
24	32	50	27	45	118	55	19	118	25	9	0	22
25	29	93	30	40	85	32	32	110	43	2	0	16
26	29	63	50	27	81	22	32	85	63	0	268	16
27	35	52	65	6	45	15	366	70	22	28	355	16
28	38	48	70	7	48	15	378	42	16	349	164	28
29	42	42	65	8	---	35	205	35	1	40	124	25
30	35	55	65	10	---	35	152	834	1	46	43	16
31	35	---	60	12	---	35	---	1640	---	12	37	---
Mean	36	33	39	48	50	56	72	207	107	137	53	169
Max.	106	93	101	93	118	170	378	1640	508	1370	530	1370
Min.	1	12	9	6	7	15	1	35	1	0	0	16
A.F. 2220	1990	2440	3000	2780	3490	4300	12700	6390	8390	3280	10070	---

Total acre-feet 61050.

REPUBLICAN RIVER AT MAX—Sec. 32-2-36 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	28	70	118	165	25	151	74	255	574	66	36	1640
2	30	65	123	165	40	156	65	200	280	66	29	1350
3	28	61	128	190	80	161	65	151	141	66	23	1630
4	30	65	104	190	150	176	104	166	114	66	20	270
5	30	65	104	190	210	180	109	161	121	63	14	562
6	32	70	75	190	309	216	128	195	190	66	8	550
7	37	61	35	190	166	176	20	402	190	76	8	456
8	37	82	30	190	109	137	120	318	80	76	10	290
9	37	87	32	190	50	132	309	374	80	76	7	155
10	37	91	35	190	54	132	327	345	71	66	9	104
11	38	70	45	105	132	137	255	309	58	66	3	80
12	43	59	50	110	166	91	161	282	50	63	2	141
13	43	59	65	120	151	100	123	255	48	66	1	252
14	47	70	80	134	104	128	137	228	38	66	1	291
15	54	75	100	150	70	244	151	228	38	191	1	191
16	104	60	125	180	50	309	171	264	168	1480	2	104
17	123	40	150	200	70	264	142	233	526	574	2	85
18	123	25	175	220	90	216	118	216	398	175	562	56
19	113	20	190	200	130	190	109	211	200	155	162	76
20	91	15	200	170	160	185	123	206	148	675	76	53
21	74	30	195	165	240	146	113	1210	190	155	26	53
22	74	60	170	160	421	132	123	883	80	128	17	61
23	91	120	160	160	591	118	91	467	61	80	14	53
24	82	180	150	110	440	123	82	280	36	43	4	56
25	87	146	140	80	250	123	282	280	444	21	1	53
26	100	104	135	29	185	104	514	235	261	71	141	56
27	100	137	130	22	146	109	591	182	134	53	922	63
28	95	132	120	24	151	118	402	162	66	909	714	63
29	87	142	110	26	—	113	327	190	66	252	162	63
30	87	142	105	20	—	113	255	3300	56	392	85	71
31	78	—	105	18	—	104	—	2700	—	56	58	—
Mean	66	80	112	110	169	154	186	477	155	262	101	295
Max.	123	180	200	220	591	309	591	3300	574	1480	922	1640
Min.	28	15	30	18	25	91	20	100	36	21	1	53
A.F.	4090	4770	6910	6790	9400	9490	11090	29350	9200	12430	6210	17580

Total acre-feet 127300.

 REPUBLICAN RIVER AT CULBERTSON—Sec. 20-3-31 W.
 Year Ending September 30, 1933

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	30	134	144	115	20	139	94	201	1750	83	152	175
2	38	106	139	115	35	157	98	214	636	40	98	2440
3	27	114	162	120	50	130	126	1170	268	56	70	1680
4	22	76	122	120	90	188	90	220	182	17	40	942
5	35	59	114	120	160	214	94	194	126	19	28	700
6	40	66	70	120	200	114	118	259	90	13	20	1720
7	46	63	23	120	210	98	60	348	87	17	13	668
8	66	70	24	115	175	227	75	348	76	17	7	470
9	73	90	25	115	162	139	87	306	144	66	70	162
10	70	102	25	115	130	157	188	297	144	14	3	144
11	66	106	26	110	227	157	240	250	130	13	2	94
12	56	94	28	111	326	166	201	214	134	8	1	106
13	66	87	29	135	288	220	182	175	134	6	0	175
14	59	80	30	180	259	170	139	166	114	7	0	227
15	73	98	29	250	227	250	188	214	102	98	1680	234
16	130	90	40	290	160	402	201	259	134	2930	150	144
17	240	45	50	300	75	376	208	240	3600	888	60	90
18	240	25	70	310	72	268	182	288	545	870	155	76
19	175	20	90	306	80	227	170	297	335	470	620	56
20	157	25	150	240	100	162	134	175	220	530	194	63
21	98	35	180	259	150	152	148	1040	130	668	122	83
22	66	56	195	220	270	139	162	1430	63	259	70	51
23	87	87	180	182	350	118	134	636	40	234	35	53
24	90	268	170	175	456	148	139	297	28	148	19	53
25	94	335	160	60	250	118	148	227	22	94	13	73
26	102	201	150	17	227	98	220	220	376	106	126	73
27	94	170	140	18	227	110	430	214	214	106	870	53
28	98	170	140	20	162	102	684	182	162	201	780	63
29	102	144	130	16	—	114	316	148	157	485	545	53
30	110	139	130	14	—	122	240	1700	110	188	326	56
31	129	—	120	12	—	102	—	3960	—	227	214	—
Mean	90	105	99	142	184	170	183	513	342	286	209	366
Max.	240	335	195	310	456	402	684	3960	3600	2930	1680	2440
Min.	22	20	23	12	20	98	60	148	22	6	0	51
A.F.	5530	6260	6120	8730	10190	10460	10900	31520	20340	17810	12860	21770

Total acre-feet 162300.

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	92	177	355	360	190	522	370	1160	7700	429	1680	603
2	86	181	324	360	120	510	386	890	4700	370	1160	1110
3	70	189	320	370	250	510	413	724	2670	1320	770	2140
4	73	185	360	340	450	528	424	822	1950	2240	483	1900
5	63	192	339	330	500	510	408	3300	1450	1500	361	1980
6	54	185	160	320	480	486	424	2660	1170	678	346	1320
7	51	192	80	320	600	498	424	2000	1030	666	524	868
8	48	192	82	320	680	469	424	3150	922	815	1540	738
9	51	192	90	325	660	504	397	1520	750	510	1350	660
10	48	189	95	340	756	510	402	1400	999	334	1030	738
11	48	189	100	370	652	475	355	1020	1550	300	406	672
12	39	192	110	360	583	481	381	848	978	251	167	835
13	51	200	125	340	552	492	440	763	678	217	186	712
14	45	200	120	340	486	601	583	652	516	158	105	609
15	54	189	115	420	270	522	522	608	481	130	108	584
16	95	192	160	530	135	552	1130	589	469	140	105	672
17	112	192	210	550	130	570	1180	558	1040	848	115	609
18	123	196	215	530	130	678	922	564	1550	2630	240	578
19	133	99	220	540	135	705	750	540	2920	1810	178	554
20	155	76	240	600	150	640	608	528	1390	1230	128	506
21	185	77	215	650	170	626	522	475	894	1170	842	371
22	217	78	205	620	220	570	534	692	1220	621	887	262
23	225	92	200	595	300	510	485	1860	822	578	757	227
24	213	115	230	652	450	469	463	1080	770	584	653	222
25	192	181	260	516	626	457	498	936	698	590	634	202
26	177	217	340	480	1080	429	469	730	504	512	615	186
27	177	558	380	530	737	413	528	585	457	790	186	178
28	168	397	380	540	595	424	534	546	498	712	816	178
29	170	397	370	250	---	424	2000	510	646	942	1250	156
30	151	376	360	100	---	408	1500	589	492	3970	900	171
31	170	---	350	95	---	391	---	4230	---	2520	698	---
Mean	114	203	229	419	428	512	616	1178	1397	954	620	685
Max.	225	558	380	652	1080	705	2000	4230	7700	3970	1680	2140
Min.	39	76	80	95	100	391	355	475	457	130	105	156
A. F.	7010	12070	14100	25770	23800	31510	36650	72410	83140	58640	38120	40760

Total acre-feet 444000.

REPUBLICAN RIVER NEAR HARDY—Sec. 6-1-5 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	138	175	292	337	110	1030	392	1950	5180	676	2760	908
2	128	145	292	331	150	752	386	1310	6650	692	1880	1260
3	115	175	281	331	180	656	366	1080	4200	1080	1540	1460
4	109	155	245	348	240	624	398	899	2950	585	1100	1460
5	109	170	209	331	280	593	392	862	2120	1580	828	2270
6	106	166	150	314	320	555	360	3000	1800	1800	606	2030
7	79	166	100	245	380	570	398	3140	1500	1170	467	1470
8	68	183	95	240	440	555	392	2070	1360	812	660	1150
9	109	170	95	250	490	578	418	2720	1220	780	3790	1030
10	99	166	100	275	650	601	392	2460	1110	836	2100	1130
11	102	155	110	300	768	570	373	1720	1010	592	1340	1020
12	96	162	120	339	704	548	405	1440	1450	474	908	926
13	109	162	135	400	640	520	366	1210	1530	361	599	827
14	96	152	125	460	541	548	360	1020	1120	305	409	2120
15	96	159	145	530	593	648	431	881	1120	262	900	890
16	115	162	165	562	411	672	555	836	1100	271	361	640
17	162	131	180	593	280	555	520	800	748	732	578	465
18	139	125	210	593	240	534	1080	890	684	441	578	411
19	166	90	230	601	170	534	1010	925	1080	2440	262	458
20	152	65	250	664	180	672	776	800	2260	1870	239	424
21	170	60	235	854	200	720	728	800	1730	1250	226	392
22	159	65	230	953	220	664	609	800	1230	980	200	366
23	187	70	230	720	260	609	562	712	1160	860	170	314
24	175	90	235	562	400	570	534	680	1280	716	183	314
25	222	135	250	510	550	505	541	1630	1050	1050	300	281
26	183	155	290	490	720	485	562	1100	916	764	230	255
27	183	162	300	460	1110	451	562	2910	836	1080	217	250
28	183	191	310	250	1200	458	712	1130	660	700	200	241
29	183	271	320	170	---	431	624	1740	620	1200	187	222
30	162	302	310	120	---	405	1010	1760	636	732	772	196
31	179	---	290	110	---	398	---	1920	---	1550	1120	---
Mean	139	151	211	427	444	581	540	1458	1684	924	829	839
Max.	222	302	320	953	1200	1030	1080	3140	6650	2440	3790	2270
Min.	68	60	95	110	110	398	360	680	620	262	170	196
A. F.	8530	9000	12970	26250	24650	35720	32160	89660	100200	56810	51000	49940

Total acre-feet 496900.

SAND CREEK—Sec. 10-15-40 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	3	3	2	3	3	3	3	3	3	1	3	6
2	3	3	2	3	3	3	3	3	3	1	0	0
3	3	3	2	3	3	3	3	3	3	3	3	3
4	3	3	2	3	3	3	3	4	3	1	3	3
5	3	3	2	3	3	3	3	3	3	1	2	3
6	3	3	2	3	3	3	4	3	3	0	2	3
7	3	3	2	3	2	2	4	3	3	1	2	3
8	3	3	2	3	2	2	3	3	3	1	2	3
9	3	3	2	3	2	2	3	3	3	1	2	3
10	3	3	2	3	2	2	3	3	3	0	2	3
11	3	3	3	3	2	2	2	3	3	0	2	3
12	3	3	3	3	2	2	2	3	0	0	2	3
13	3	3	3	3	2	2	2	3	0	0	2	2
14	3	3	3	3	4	3	3	2	4	0	2	3
15	3	3	3	3	4	3	4	0	4	0	2	3
16	3	3	4	4	4	3	5	0	1	0	2	3
17	3	3	4	4	5	3	4	0	0	0	2	3
18	3	3	3	3	4	3	3	0	3	3	3	3
19	3	3	4	3	4	3	3	0	3	3	3	3
20	3	3	4	3	4	3	3	3	2	2	3	0
21	3	3	3	3	4	3	3	2	2	3	3	1
22	3	3	3	3	4	3	3	2	2	3	3	1
23	3	3	3	4	3	3	3	2	2	3	3	1
24	3	3	3	4	3	3	3	1	2	2	2	1
25	3	3	3	4	3	3	3	1	2	3	3	1
26	3	3	3	4	3	3	3	2	2	3	3	3
27	3	3	3	4	3	3	3	3	0	3	1	3
28	3	3	3	4	3	3	3	2	0	0	1	3
29	3	3	3	4	---	3	3	0	0	0	0	3
30	3	3	3	4	---	3	3	2	1	3	0	3
31	3	---	3	4	---	3	---	3	---	3	0	---
Mean	3	3	3	3	3	3	3	2	3	2	2	2
Max.	3	3	4	4	5	3	5	4	4	3	3	3
Min.	3	3	2	2	2	2	3	0	0	0	0	0
A. F.	184	149	175	182	175	171	184	135	125	91	115	139

Total acre-feet 1825.

SAPPA CREEK NEAR BEAVER CITY—Sec. 14-1-23 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1.9	0.0	1.5	1.7	0.0	5.4	1.3	98	1170	34	155	0.4
2	1.6	.2	1.4	1.8	.2	26	2.0	27	1220	22	48	64
3	1.4	.0	1.2	1.9	1.6	11	2.6	23	267	11	21	88
4	1.4	.1	1.0	1.0	1.5	4.2	2.3	343	224	10	12	29
5	1.3	.1	.4	1.2	2.0	2.9	1.6	60	132	7.3	7.9	19
6	1.2	.1	.2	1.1	1.7	5.9	1.5	64	81	6.8	5.6	5.6
7	1.2	.1	.0	1.0	1.6	14	1.2	293	66	6.0	2.5	54
8	1.1	.1	.1	1.0	1.5	22	.9	210	59	5.4	1.7	19
9	1.1	.1	.2	1.2	1.0	5.9	1.2	79	53	5.4	1.4	5.6
10	.8	.2	.4	1.6	1.8	3.4	1.5	67	80	4.8	1.0	2.7
11	.8	.2	.6	1.2	2.8	5.6	2.6	40	44	3.4	.8	1.5
12	.8	.3	.6	1.0	2.0	6.3	3.5	18	62	3.0	.6	.8
13	.8	.3	.6	1.5	1.5	3.5	2.3	32	53	3.0	.5	.3
14	.8	.5	.7	2.0	.7	3.8	1.2	43	35	2.7	.3	.2
15	.8	.5	.6	2.6	.1	4.2	126	40	44	19	.2	.0
16	.8	.4	.5	3.0	.0	5.2	35	37	85	540	.2	.0
17	.8	.3	.5	3.0	.0	6.1	14	28	47	79	.4	.0
18	.8	.1	.3	2.5	.0	4.5	5.2	12	33	18	.1	.0
19	.9	.0	.6	2.0	.0	3.8	46	6.2	22	6.6	.1	.0
20	1.2	.0	.5	1.5	.0	3.0	42	4.8	306	11	.0	.0
21	1.5	.0	1.0	2.6	.1	2.0	44	4.3	103	11	.0	.0
22	2.6	.1	1.1	2.6	.4	1.7	40	3.8	59	7.3	.0	.0
23	5.6	.4	.6	1.8	1.2	2.0	35	3.2	57	31	.0	.0
24	4.5	.7	.4	1.6	1.6	1.8	27	3.1	50	29	.0	.0
25	2.8	1.0	.4	1.5	1.8	1.8	13	3.2	48	27	.0	.0
26	1.8	1.2	.6	1.6	2.0	1.7	9.8	31	47	23	.0	.0
27	1.2	1.1	1.3	2.3	1.5	1.5	51	30	46	14	.3	.0
28	.9	1.1	1.8	2.9	2.0	1.8	91	18	43	7.6	.0	.0
29	.9	.9	2.0	2.3	---	2.0	4.8	7.3	40	6.4	.0	.0
30	.9	1.2	2.1	.9	---	1.6	15	272	38	5.8	.0	.0
31	.0	---	1.5	.0	---	1.4	---	271	---	442	.0	---
Mean	1.4	.3	.8	1.7	1.0	5.3	20.8	70.1	154	45.2	8.3	10.0
Max.	5.6	1.2	2.1	3.0	2.8	26	126	343	1220	540	155	88
Min.	.0	.0	.0	.0	.0	1.4	.9	3.1	22	2.7	.0	.0
A. F.	88	22	49	107	65	329	1240	4310	9150	2780	515	595

Total acre-feet 19250.

REPORT OF THE STATE ENGINEER

SARBEN SLOUGH—Sec. 20-14-35 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Mean												
Max.												
Min.												
A. F.	123	119	147	123	111	123	119	129	178	111	61	139

Total acre-feet 1482.

Note:—The diversions by the Sheridan-Wilson Canal from Sarben Slough are made below this rating station.

SCOTTSBLUFF DRAIN NO. 1—Sec. 25-22-55 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	17	11	8	9	7	7	6	5	12	7	13	9
2	17	10	8	9	7	7	6	5	8	12	13	18
3	17	10	8	9	7	7	6	5	10	12	14	12
4	17	10	8	9	7	7	6	5	10	14	13	12
5	17	10	8	9	7	7	6	5	10	10	14	11
6	17	10	8	9	7	7	6	5	8	10	11	10
7	17	10	8	9	7	7	6	5	8	10	9	9
8	16	10	8	9	7	7	6	4	7	11	9	9
9	16	10	8	9	7	7	7	5	11	9	10	9
10	16	9	8	9	7	7	7	5	11	9	10	9
11	16	9	8	9	7	7	6	5	9	9	11	9
12	16	9	8	9	7	7	6	5	9	9	11	11
13	16	9	8	9	7	7	6	5	10	9	10	12
14	15	9	9	8	7	7	6	5	10	9	9	12
15	15	9	9	8	8	7	9	5	7	11	8	12
16	15	9	9	8	8	8	7	5	7	10	8	11
17	15	11	9	8	8	7	6	15	8	11	9	12
18	15	11	9	8	8	7	6	10	7	11	7	12
19	14	10	9	8	8	7	6	9	8	9	7	12
20	14	10	9	8	8	7	6	9	15	10	7	13
21	14	10	9	8	8	6	6	8	10	12	8	14
22	14	10	9	8	8	6	6	9	11	11	9	15
23	13	9	9	8	8	6	6	8	9	9	7	15
24	13	9	9	8	8	6	6	8	7	9	8	14
25	13	9	9	8	8	6	6	8	8	10	8	15
26	12	9	9	8	7	6	6	8	7	10	9	12
27	12	9	9	8	7	6	6	8	7	11	9	13
28	12	9	9	7	7	6	6	8	7	12	8	12
29	12	8	9	7	—	6	6	11	7	12	8	13
30	11	8	9	7	—	6	6	12	7	12	8	12
31	11	—	9	7	—	6	—	14	—	13	9	—
Mean	15	10	9	8	7	7	6	7	9	10	9	12
Max.	17	11	9	9	8	8	7	15	15	14	14	18
Min.	11	8	8	7	7	6	6	5	7	7	7	9
A. F.	902	567	528	510	411	407	369	444	526	641	583	714

Total acre-feet 6602.

SCOTTSBLUFF DRAIN NO. 2—Sec. 34-22-54 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	9	5	4	4	3	3	2	4	4	6	7	8
2	9	5	4	4	3	3	2	4	3	6	7	15
3	9	5	4	4	3	3	2	5	3	8	7	12
4	9	5	4	4	3	3	2	4	3	6	7	13
5	9	5	4	4	3	3	2	4	6	7	7	10
6	9	5	4	4	3	3	2	4	8	7	7	10
7	9	5	4	4	3	3	4	5	6	6	6	10
8	9	5	4	4	3	3	3	5	4	5	7	10
9	9	5	4	4	3	3	3	5	3	5	6	9
10	9	5	4	4	3	3	3	4	4	7	7	10
11	8	5	4	4	3	3	3	5	4	7	8	10
12	8	5	4	4	3	3	3	5	4	8	8	11
13	8	5	4	4	3	3	3	5	5	10	7	10
14	8	5	4	4	3	3	3	5	5	9	8	11
15	8	5	4	4	3	3	4	5	5	11	8	11
16	8	5	4	4	3	3	3	4	5	10	8	9
17	8	4	4	4	3	3	3	11	5	11	9	10
18	7	4	4	4	3	3	3	6	6	10	13	10
19	7	4	4	4	3	3	3	6	6	18	12	9
20	7	4	4	4	3	3	3	6	7	8	10	9
21	7	4	4	3	3	3	3	6	12	8	12	9
22	6	4	4	3	3	3	3	5	9	9	11	9
23	6	4	4	3	3	3	3	5	9	8	12	9
24	6	4	4	3	3	3	3	5	8	6	9	10
25	6	4	4	3	3	3	3	5	12	6	9	10
26	6	4	4	3	3	3	4	5	9	9	9	9
27	6	4	4	3	3	3	6	4	8	8	9	10
28	6	4	4	3	3	3	4	4	7	9	9	8
29	6	4	4	3	3	3	4	3	6	7	9	9
30	6	4	4	3	---	---	4	5	6	7	8	9
31	6	---	4	3	---	---	---	4	---	8	8	---
Mean	8	5	4	4	3	3	3	5	6	8	9	10
Max.	9	5	4	4	3	3	4	11	12	18	13	15
Min.	6	4	4	3	3	3	2	3	3	5	6	8
A. F.	464	270	246	224	167	173	184	303	361	496	524	593

Total acre-feet 4005.

 SCOTTSBLUFF FACTORY LATERAL WASTE—Sec. 19-22-54 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	1	0	0	0
2	*	*	*	*	*	*	*	*	1	3	0	0
3	*	*	*	*	*	*	*	*	0	2	0	0
4	*	*	*	*	*	*	*	*	0	2	0	0
5	*	*	*	*	*	*	*	*	4	1	0	0
6	*	*	*	*	*	*	*	*	3	1	0	0
7	*	*	*	*	*	*	*	*	5	1	0	0
8	*	*	*	*	*	*	*	*	0	1	0	0
9	*	*	*	*	*	*	*	*	0	1	0	0
10	*	*	*	*	*	*	*	*	1	1	0	0
11	*	*	*	*	*	*	*	*	1	1	0	0
12	*	*	*	*	*	*	*	*	1	0	0	0
13	*	*	*	*	*	*	*	*	1	0	0	0
14	*	*	*	*	*	*	*	*	1	1	0	0
15	*	*	*	*	*	*	*	*	0	1	0	0
16	*	*	*	*	*	*	*	*	0	4	0	0
17	*	*	*	*	*	*	*	*	0	2	0	0
18	*	*	*	*	*	*	*	*	0	1	0	0
19	*	*	*	*	*	*	*	*	0	1	0	0
20	*	*	*	*	*	*	*	*	0	1	0	0
21	*	*	*	*	*	*	*	*	0	1	0	0
22	*	*	*	*	*	*	*	*	0	1	0	0
23	*	*	*	*	*	*	*	*	0	1	0	0
24	*	*	*	*	*	*	*	*	0	0	0	0
25	*	*	*	*	*	*	*	*	0	0	0	0
26	*	*	*	*	*	*	*	*	0	0	0	0
27	*	*	*	*	*	*	*	*	0	0	0	0
28	*	*	*	*	*	*	*	*	0	0	0	0
29	*	*	*	*	*	*	*	*	0	0	0	0
30	*	*	*	*	---	*	*	1	0	0	0	0
31	*	---	*	*	---	*	*	1	---	0	0	---
Mean	*	*	*	*	*	*	*	1	1.9	1.4	0	0
Max.	*	*	*	*	*	*	*	1	5	4	0	0
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	4	38	54	0	0

Total acre-feet 96.

*No record.

SCOUT CREEK—Sec. 20-14-30 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	1	1	0	0	0	1	9	9	7	13
2	9	1	1	1	0	0	0	1	9	14	6	11
3	17	1	1	1	0	0	0	1	11	6	1	11
4	17	1	1	1	0	0	0	1	11	11	1	17
5	10	1	1	1	0	0	0	1	8	18	1	12
6	8	1	1	1	0	0	1	1	5	18	1	10
7	2	1	1	1	0	0	1	1	7	16	2	9
8	2	1	1	1	0	0	1	1	6	14	2	10
9	1	1	1	1	0	0	1	1	12	19	1	10
10	8	1	1	1	0	0	1	1	8	16	5	9
11	5	1	1	1	0	0	1	1	9	13	14	7
12	8	1	1	1	0	0	1	1	19	14	10	8
13	3	1	1	1	0	0	1	4	16	11	14	8
14	5	1	1	1	0	0	1	1	21	6	9	8
15	5	1	1	1	0	0	1	10	18	5	1	7
16	6	1	1	1	0	0	1	10	13	5	1	7
17	6	1	1	1	0	0	1	14	11	7	5	7
18	6	1	1	1	0	0	1	9	9	11	17	8
19	5	1	1	1	0	0	1	10	6	14	15	8
20	4	1	1	1	0	0	1	11	8	15	10	7
21	3	1	1	1	0	0	1	11	15	10	19	6
22	1	1	1	1	0	0	1	10	17	13	14	5
23	1	1	1	1	0	0	1	12	9	12	9	5
24	1	1	1	1	0	0	1	8	12	6	5	9
25	1	1	1	1	0	0	1	12	13	4	4	20
26	1	1	1	1	0	0	1	12	13	7	8	22
27	1	1	1	1	0	0	1	11	19	6	15	10
28	1	1	1	1	0	0	1	10	19	10	28	6
29	1	1	1	1	---	0	1	16	21	6	15	6
30	1	1	1	1	---	0	1	14	11	6	19	21
31	1	---	1	1	---	0	---	5	---	15	28	---
Mean	5	---	1	1	0	0	1	6	12	11	9	10
Max.	17	1	1	1	0	0	1	16	21	19	28	22
Min.	1	1	1	1	0	0	0	1	5	4	1	5
A. F.	280	60	61	61	0	0	50	401	724	668	569	589

Total acre-feet 3463.

SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	2	79	73	68	57	57	59	53	54	2	3	8
2	113	78	70	68	62	58	57	53	14	2	3	16
3	90	78	70	68	62	58	55	52	2	2	3	14
4	87	77	68	67	59	58	54	54	2	2	3	7
5	89	78	68	68	58	57	54	54	2	2	3	7
6	101	78	73	61	58	57	55	56	2	2	3	7
7	92	78	70	54	59	58	58	55	2	2	3	7
8	86	78	68	50	58	58	58	55	2	2	3	5
9	84	80	66	47	58	58	61	54	2	2	3	5
10	82	79	65	47	59	57	59	54	2	2	3	6
11	83	79	66	47	58	57	58	54	2	2	3	7
12	83	53	72	48	58	58	57	57	2	2	3	12
13	83	53	71	57	59	62	56	54	2	2	3	12
14	83	58	71	59	58	64	56	2	2	2	3	9
15	83	58	72	61	58	66	67	2	2	2	3	6
16	83	64	71	62	57	62	62	2	2	2	3	4
17	89	66	74	62	59	58	60	52	3	5	2	4
18	115	67	74	62	58	57	68	55	3	5	2	4
19	94	67	73	62	57	57	57	71	3	126	3	4
20	89	67	72	62	57	57	59	62	3	132	3	5
21	85	71	70	62	57	57	54	54	2	82	3	3
22	85	78	70	62	57	57	54	51	2	76	3	4
23	85	81	70	61	57	57	53	50	14	73	3	4
24	84	81	67	59	57	57	53	49	61	76	4	4
25	82	78	67	61	57	58	53	47	58	78	7	4
26	81	78	67	62	57	58	54	49	64	78	3	4
27	82	75	67	62	55	58	54	21	62	76	3	4
28	83	75	67	61	55	59	53	2	64	77	4	4
29	81	75	68	61	---	58	53	2	64	75	5	4
30	80	73	67	56	---	58	54	21	16	20	5	4
31	79	---	69	58	---	59	---	58	---	4	5	---
Mean	84	72	69	59	57	58	56	43	17	31	3	6
Max.	115	81	74	68	62	66	68	71	64	132	66	16
Min.	2	53	65	47	55	57	53	2	2	2	2	3
A. F.	5190	4320	4280	3660	3220	3590	3280	2690	1030	2030	207	379

Total acre-feet 33880.

SILVERNAIL DRAIN—Sec. 6-19-49 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	7	7	7	6	6	6	6	4	5	13	11	14
2	7	7	7	6	6	6	6	4	8	12	7	10
3	7	7	7	6	6	6	6	5	10	10	14	22
4	7	7	7	6	6	6	6	5	13	18	8	31
5	7	7	7	6	6	6	6	5	11	25	8	15
6	7	7	7	6	6	6	6	5	7	24	7	8
7	7	7	7	6	6	6	6	4	7	18	7	8
8	7	7	7	6	6	6	6	4	12	15	11	8
9	7	7	7	6	6	6	6	4	9	28	9	7
10	7	7	7	6	6	6	6	4	10	19	8	7
11	7	7	7	6	6	6	6	4	7	8	8	8
12	7	7	7	6	6	6	6	4	5	7	5	7
13	7	7	7	7	6	6	6	4	7	7	5	8
14	7	7	7	7	6	6	6	4	5	5	5	8
15	7	7	7	7	6	6	8	4	3	5	9	7
16	7	7	7	7	6	6	7	4	15	5	7	7
17	7	7	7	7	6	6	7	45	5	23	7	7
18	7	7	7	7	5	6	6	25	11	18	7	7
19	7	7	7	7	5	6	6	20	9	21	8	7
20	7	7	7	7	4	6	6	6	11	17	7	7
21	7	7	7	7	5	6	6	6	16	28	9	7
22	7	7	7	7	5	6	6	6	8	21	7	7
23	7	7	7	7	5	6	6	6	8	31	7	7
24	7	7	7	7	5	6	6	6	8	21	7	7
25	7	7	7	7	6	6	6	5	18	12	10	7
26	7	7	7	7	6	6	6	5	16	15	7	7
27	7	7	7	7	6	6	5	5	17	19	11	7
28	7	7	6	7	6	6	5	5	21	12	9	7
29	7	7	6	7	6	6	5	5	15	16	11	7
30	7	7	6	7	---	6	5	5	16	14	9	7
31	7	---	6	7	---	6	5	7	---	11	13	---
Mean	7	7	7	7	6	6	6	8	10	16	8	9
Max.	7	7	7	7	6	6	8	45	21	31	14	31
Min.	7	7	6	6	4	6	5	4	3	5	5	7
A. F.	430	417	422	407	317	369	355	442	621	988	512	541

Total acre-feet 5821.

SKUNK CREEK—Sec. 1-14-37 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	1	2	2	2	2	1	1	1	1	1
2	1	1	1	2	2	2	2	1	1	1	1	1
3	1	1	1	2	2	2	2	1	1	1	1	1
4	1	1	1	2	2	2	2	1	1	1	1	1
5	1	1	1	2	2	2	2	1	1	1	1	1
6	1	1	1	2	2	2	2	1	1	1	1	1
7	1	1	1	2	2	2	2	1	1	1	1	1
8	1	1	1	2	2	2	2	1	1	1	1	1
9	1	1	1	2	2	2	2	1	1	1	1	1
10	1	1	1	2	2	2	2	1	1	1	1	1
11	1	1	1	2	2	2	2	1	1	1	1	1
12	1	1	1	2	2	2	2	1	1	1	1	1
13	1	1	1	2	2	2	2	1	1	1	1	1
14	1	1	1	2	2	2	2	1	1	1	1	1
15	1	1	1	2	2	2	2	1	1	1	1	1
16	1	1	1	2	2	2	2	1	1	1	1	1
17	1	1	1	2	2	2	2	1	1	1	1	1
18	1	1	1	2	2	2	2	1	1	1	1	1
19	1	1	1	2	2	2	2	1	1	1	1	1
20	1	1	1	2	2	2	2	1	1	1	1	1
21	1	1	1	2	2	2	2	1	1	1	1	1
22	1	1	1	2	2	2	2	1	1	1	1	1
23	1	1	1	2	2	2	2	1	1	1	1	1
24	1	1	1	2	2	2	2	1	1	1	1	1
25	1	1	1	2	2	2	2	1	1	1	1	1
26	1	1	1	2	2	2	2	1	1	1	1	1
27	1	1	1	2	2	2	2	1	1	1	1	1
28	1	1	1	2	2	2	2	1	1	1	1	1
29	1	1	1	2	2	---	2	1	1	1	1	1
30	1	1	1	2	2	---	2	1	1	1	1	1
31	1	---	1	2	---	2	---	1	1	1	1	1
Mean	1	1	1	2	2	2	2	1	1	1	1	1
Max.	1	1	1	2	2	2	2	1	1	2	1	2
Min.	1	1	1	2	2	2	2	1	1	1	1	1
A. F.	61	60	61	123	111	123	89	61	60	81	61	79

Total acre-feet 970.

SPOTTED TAIL CREEK, DRY—Sec. 28-23-56 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	26	24	23	22	21	20	20	18	27	30	58	73
2	28	24	23	22	21	20	20	17	27	33	54	82
3	30	24	23	22	21	20	20	18	27	37	51	73
4	32	24	23	22	21	20	20	21	27	40	44	68
5	34	23	23	22	21	20	22	21	27	35	51	66
6	36	23	23	22	21	20	24	28	19	33	51	63
7	38	23	23	22	21	20	22	25	22	40	48	62
8	38	23	22	21	21	20	20	24	27	34	49	65
9	39	23	22	21	21	20	19	25	20	35	54	63
10	38	23	22	21	21	20	19	22	21	36	52	59
11	37	23	22	21	21	20	19	21	27	33	48	58
12	37	23	22	21	21	20	19	24	18	34	43	59
13	36	23	22	21	21	20	18	21	19	39	40	60
14	35	23	22	21	21	20	18	25	22	32	54	61
15	34	23	22	21	21	20	18	17	28	32	48	59
16	33	23	22	21	21	20	18	20	31	38	48	58
17	32	23	22	21	21	20	18	32	33	56	46	56
18	31	23	22	21	21	20	18	21	34	43	48	54
19	30	23	22	21	21	20	18	42	32	39	61	52
20	29	23	22	21	21	20	18	160	32	65	56	53
21	28	23	22	21	21	20	18	30	35	36	49	52
22	27	23	22	21	21	20	16	31	26	41	58	54
23	26	23	22	21	21	20	16	35	28	45	57	61
24	26	23	22	21	21	20	16	35	29	45	56	68
25	26	23	22	21	20	20	16	35	38	51	58	57
26	25	23	22	21	20	20	16	70	30	51	55	58
27	25	23	22	21	20	20	17	30	31	51	55	57
28	25	23	22	21	20	20	18	27	29	58	58	54
29	25	23	22	21	..	20	18	26	30	61	55	54
30	24	23	22	21	..	20	18	31	29	54	58	54
31	24	..	22	21	..	20	..	29	..	69	56	..
Mean	31	23	22	21	21	20	19	32	28	43	53	60
Max.	39	24	23	22	21	20	20	160	38	69	61	82
Min.	24	23	22	21	20	20	16	17	18	30	40	52
A. F.	1892	1377	1367	1305	1158	1230	1105	1946	1648	2630	3211	3596
Total acre-feet	22463.											

SPOTTED TAIL CREEK, WET—Sec. 6-22-55 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	17	16	16	13	13	16	13	13	12	12	11	21
2	17	16	16	13	13	17	13	13	11	12	11	22
3	17	16	16	13	13	17	13	13	11	11	11	23
4	17	16	16	13	13	17	13	13	11	12	11	22
5	17	16	16	13	13	17	13	13	11	11	11	21
6	17	16	16	13	13	17	13	13	11	11	11	20
7	17	16	16	13	14	16	13	13	11	12	12	19
8	17	16	16	13	14	16	13	13	11	11	12	19
9	17	16	16	13	14	16	13	13	10	12	13	18
10	17	16	16	13	14	16	13	13	11	12	14	18
11	17	16	16	13	14	16	13	13	11	12	14	17
12	16	17	15	13	14	16	13	13	11	12	14	16
13	16	17	15	13	15	16	13	13	11	12	15	16
14	16	17	15	13	15	15	13	13	11	12	15	15
15	16	17	15	13	15	15	13	13	11	12	15	15
16	16	17	15	13	15	15	13	13	11	13	16	14
17	16	17	15	13	15	15	13	13	11	13	16	15
18	16	17	15	13	15	15	13	13	12	13	16	15
19	15	17	15	13	15	15	13	13	12	13	16	15
20	15	17	15	13	15	15	13	13	12	14	16	15
21	15	17	14	13	16	15	13	13	13	14	16	15
22	15	17	14	13	16	15	13	13	13	14	17	15
23	15	17	14	13	16	14	13	13	13	14	18	15
24	15	16	14	13	16	14	13	13	13	14	18	15
25	16	16	14	13	16	14	13	13	13	13	18	15
26	16	16	14	13	16	14	13	13	13	13	18	15
27	16	16	14	13	16	14	13	13	13	13	19	15
28	16	16	14	13	16	14	13	13	13	12	19	16
29	16	16	14	13	..	14	13	13	13	12	19	16
30	16	16	13	13	..	13	13	11	12	12	20	16
31	16	..	13	13	..	13	..	13	..	11	20	..
Mean	16	16	15	13	15	15	13	13	12	12	15	17
Max.	17	17	16	13	16	17	13	13	13	14	20	23
Min.	15	16	13	13	13	13	13	11	10	11	11	14
A. F.	994	976	918	799	813	936	774	795	790	762	936	1010
Total acre-feet	10413.											

SPRING CREEK—Sec. 4-23-58 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	10	8	9	9	10	10	9	10	15	12	9	11
2	10	8	9	9	10	10	9	10	14	12	9	12
3	10	8	9	9	11	11	9	10	13	12	8	14
4	10	8	9	9	11	10	9	10	13	11	8	14
5	10	8	9	9	11	10	9	10	13	11	8	13
6	10	9	9	9	11	10	10	11	12	11	8	13
7	11	9	9	9	11	9	10	12	12	10	8	13
8	13	9	9	9	11	9	9	11	12	10	8	13
9	12	9	9	9	11	9	9	11	11	10	8	13
10	11	9	9	9	10	9	9	11	11	11	9	13
11	11	9	9	9	10	9	9	11	11	11	9	13
12	10	9	10	9	10	9	9	11	11	11	9	13
13	10	10	10	9	10	9	9	11	10	11	9	13
14	10	10	10	9	10	10	10	11	10	11	9	13
15	10	10	10	9	10	12	12	11	10	11	9	13
16	10	10	10	9	10	11	11	11	10	12	9	13
17	10	10	10	9	10	10	11	14	10	11	10	13
18	9	10	9	9	10	9	10	16	10	11	10	13
19	9	11	9	10	10	9	9	16	10	11	10	13
20	9	10	9	10	10	9	9	16	11	12	10	12
21	9	10	9	10	10	9	9	16	12	11	10	12
22	9	10	9	10	9	9	9	16	12	11	10	12
23	9	10	9	10	9	9	9	16	12	11	10	12
24	9	10	9	10	9	9	9	16	12	10	10	12
25	9	10	9	10	9	9	9	15	13	10	10	12
26	9	10	9	10	9	9	10	15	14	10	10	11
27	9	10	9	10	9	9	10	15	14	10	10	11
28	8	9	9	10	9	10	10	15	13	9	10	11
29	8	9	9	10	..	9	10	15	13	9	11	11
30	8	9	9	10	..	9	10	16	13	9	11	11
31	8	..	9	10	..	9	..	16	..	9	11	..
Mean	10	9	9	9	10	9	10	13	12	11	9	12
Max.	13	11	10	10	11	12	12	16	15	12	11	14
Min.	8	8	9	9	9	9	9	10	10	9	8	11
A. F.	595	557	565	579	555	583	567	803	708	657	575	740

Total acre-feet 7484.

 STREVER CREEK—Sec. 1-8-20 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	4	3	3	4	8	7	20	39	30	18	0
2	0	4	3	3	4	8	7	29	34	32	5	0
3	0	4	3	3	4	7	7	18	33	26	4	5
4	0	4	3	3	4	7	7	55	31	25	3	11
5	0	4	3	3	5	7	8	52	23	38	0	10
6	0	4	3	3	5	7	8	43	25	39	0	11
7	0	4	3	3	5	7	8	87	26	39	0	13
8	1	4	3	3	5	7	8	63	27	38	0	13
9	1	4	3	3	6	7	8	47	29	39	0	14
10	2	4	3	3	6	7	8	43	31	40	0	13
11	2	4	3	3	6	7	8	41	30	36	0	12
12	3	4	3	3	6	7	8	45	27	33	0	15
13	4	4	3	3	6	7	8	50	33	22	0	15
14	4	4	3	3	6	7	9	74	32	20	0	21
15	4	4	3	3	7	7	11	87	32	11	0	12
16	4	3	3	3	7	7	12	32	36	9	0	14
17	4	3	3	3	7	8	13	23	35	20	0	14
18	4	3	3	3	7	7	14	20	35	13	0	0
19	4	3	3	3	7	7	15	17	21	14	0	20
20	4	3	3	3	7	7	16	12	18	7	0	19
21	4	3	3	3	7	6	17	14	15	6	0	18
22	4	3	3	3	7	6	17	23	11	4	0	17
23	4	3	3	3	7	6	18	33	18	3	0	10
24	4	3	3	3	8	6	19	23	25	4	0	15
25	4	3	3	3	8	6	20	32	38	9	0	22
26	4	3	3	3	8	6	21	27	27	5	0	16
27	4	3	3	3	8	6	21	29	57	15	0	15
28	4	3	3	3	8	6	22	21	47	11	0	13
29	4	3	3	3	..	6	21	22	30	6	0	13
30	4	3	3	3	..	6	21	26	25	6	0	10
31	4	..	3	3	..	6	..	26	..	29	0	..
Mean	3	3	3	3	6	7	13	37	30	21	1	13
Max.	4	4	3	3	8	8	22	87	57	40	18	32
Min.	0	3	3	3	4	6	7	12	11	3	0	0
A. F.	169	208	184	173	247	415	768	2249	1765	1287	60	776

Total acre-feet 8400.

THIRTY MILE WASTE NO. 1, LITTLE WASTEWAY—Sec. 35-11-25 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	12	4	6	0	0
2	*	*	*	*	*	*	*	12	10	2	0	0
3	*	*	*	*	*	*	*	11	6	9	0	0
4	*	*	*	*	*	*	*	15	7	14	0	0
5	*	*	*	*	*	*	*	14	6	11	0	0
6	*	*	*	*	*	*	*	16	8	5	0	0
7	*	*	*	*	*	*	*	19	7	9	0	0
8	*	*	*	*	*	*	*	8	6	9	0	2
9	*	*	*	*	*	*	*	7	6	4	0	2
10	*	*	*	*	*	*	*	4	5	2	0	0
11	*	*	*	*	*	*	*	11	15	0	0	0
12	*	*	*	*	*	*	*	11	8	0	0	0
13	*	*	*	*	*	*	*	11	6	0	0	7
14	*	*	*	*	*	*	*	5	7	0	0	11
15	*	*	*	*	*	*	*	4	6	0	0	7
16	*	*	*	*	*	*	*	4	8	0	0	11
17	*	*	*	*	*	*	*	5	2	0	0	7
18	*	*	*	*	*	*	*	3	2	0	0	12
19	*	*	*	*	*	*	*	3	3	0	0	15
20	*	*	*	*	*	*	*	4	2	0	0	14
21	*	*	*	*	*	*	*	6	2	0	0	18
22	*	*	*	*	*	*	*	2	5	0	0	19
23	*	*	*	*	*	*	*	4	4	0	0	16
24	*	*	*	*	*	*	*	1	0	0	0	19
25	*	*	*	*	*	*	*	1	0	0	0	16
26	*	*	*	*	*	*	*	1	0	0	0	18
27	*	*	*	*	*	*	*	1	0	0	0	9
28	*	*	*	*	*	*	*	0	0	0	0	0
29	*	*	*	*	*	*	*	20	6	0	0	0
30	*	*	*	*	*	*	*	1	7	0	0	11
31	*	*	*	*	*	*	*	0	..	0	0	..
Mean	*	*	*	*	*	*	*	7	5	2	0	7
Max.	*	*	*	*	*	*	*	20	15	14	0	19
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	428	294	141	0	424

Total acre-feet 1287.

*No record.

THIRTY MILE WASTE NO. 2, MIDDLE WASTEWAY—Sec. 7-10-24 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	10	20	4	0	0
2	*	*	*	*	*	*	*	9	9	4	0	0
3	*	*	*	*	*	*	*	9	9	4	0	0
4	*	*	*	*	*	*	*	21	5	34	0	0
5	*	*	*	*	*	*	*	20	7	8	0	0
6	*	*	*	*	*	*	*	19	7	7	0	0
7	*	*	*	*	*	*	*	41	4	7	0	0
8	*	*	*	*	*	*	*	15	7	7	0	14
9	*	*	*	*	*	*	*	8	9	18	0	9
10	*	*	*	*	*	*	*	3	12	14	0	10
11	*	*	*	*	*	*	*	15	13	13	0	11
12	*	*	*	*	*	*	*	20	14	7	0	11
13	*	*	*	*	*	*	*	20	13	3	0	10
14	*	*	*	*	*	*	*	9	14	3	0	11
15	*	*	*	*	*	*	*	14	14	0	0	9
16	*	*	*	*	*	*	*	14	4	0	0	7
17	*	*	*	*	*	*	*	16	3	0	0	3
18	*	*	*	*	*	*	*	10	4	0	0	3
19	*	*	*	*	*	*	*	5	15	0	0	27
20	*	*	*	*	*	*	*	9	14	0	0	9
21	*	*	*	*	*	*	*	16	14	0	0	16
22	*	*	*	*	*	*	*	12	16	0	0	16
23	*	*	*	*	*	*	*	17	11	0	0	16
24	*	*	*	*	*	*	*	11	0	0	0	16
25	*	*	*	*	*	*	*	12	0	0	0	16
26	*	*	*	*	*	*	*	9	0	0	0	21
27	*	*	*	*	*	*	*	10	0	0	0	14
28	*	*	*	*	*	*	*	7	14	0	0	9
29	*	*	*	*	*	*	*	12	9	0	0	3
30	*	*	*	*	*	*	*	16	9	0	0	4
31	*	*	*	*	*	*	*	0	..	0	0	..
Mean	*	*	*	*	*	*	*	13	9	4	0	9
Max.	*	*	*	*	*	*	*	21	20	34	0	27
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	811	536	264	0	526

Total acre-feet 2137.

*No record.

THIRTY MILE WASTE NO. 3, HENDERSON WASTEWAY
 Sec. 8-10-24 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	9	20	20	0	0
2	*	*	*	*	*	*	*	0	18	19	0	0
3	*	*	*	*	*	*	*	22	19	25	0	0
4	*	*	*	*	*	*	*	0	20	15	0	0
5	*	*	*	*	*	*	*	13	20	12	0	0
6	*	*	*	*	*	*	*	13	20	15	0	0
7	*	*	*	*	*	*	*	25	18	15	0	0
8	*	*	*	*	*	*	*	29	18	20	0	3
9	*	*	*	*	*	*	*	20	16	17	0	3
10	*	*	*	*	*	*	*	13	13	13	0	4
11	*	*	*	*	*	*	*	11	13	15	0	3
12	*	*	*	*	*	*	*	11	15	10	0	4
13	*	*	*	*	*	*	*	18	13	8	0	4
14	*	*	*	*	*	*	*	15	15	4	0	8
15	*	*	*	*	*	*	*	18	15	0	0	8
16	*	*	*	*	*	*	*	15	12	0	0	3
17	*	*	*	*	*	*	*	18	11	0	0	3
18	*	*	*	*	*	*	*	13	8	0	0	4
19	*	*	*	*	*	*	*	13	8	0	0	5
20	*	*	*	*	*	*	*	7	6	0	0	5
21	*	*	*	*	*	*	*	9	4	0	0	15
22	*	*	*	*	*	*	*	9	3	0	0	9
23	*	*	*	*	*	*	*	9	7	0	0	8
24	*	*	*	*	*	*	*	0	0	0	0	7
25	*	*	*	*	*	*	*	18	0	0	0	6
26	*	*	*	*	*	*	*	18	0	0	0	3
27	*	*	*	*	*	*	*	16	0	0	0	2
28	*	*	*	*	*	*	*	15	16	0	0	1
29	*	*	*	*	---	*	*	11	23	0	0	4
30	*	*	*	*	---	*	*	22	18	0	0	5
31	*	---	*	*	---	*	---	4	---	0	0	---
Mean	*	*	*	*	*	*	*	14	12	7	0	4
Max.	*	*	*	*	*	*	*	29	23	25	0	15
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	821	732	413	0	232

Total acre-feet 2198.

*No record.

THIRTY MILE CANAL WASTE, DARR WASTEWAY—Sec. 8-9-22 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	0	20	0	0
2	*	*	*	*	*	*	*	*	0	19	0	0
3	*	*	*	*	*	*	*	*	0	19	0	0
4	*	*	*	*	*	*	*	*	0	19	0	0
5	*	*	*	*	*	*	*	*	0	19	0	0
6	*	*	*	*	*	*	*	*	20	17	0	0
7	*	*	*	*	*	*	*	*	20	17	0	0
8	*	*	*	*	*	*	*	*	20	17	0	0
9	*	*	*	*	*	*	*	*	21	20	0	0
10	*	*	*	*	*	*	*	*	21	19	0	20
11	*	*	*	*	*	*	*	*	20	19	0	21
12	*	*	*	*	*	*	*	*	20	17	0	21
13	*	*	*	*	*	*	*	*	18	6	0	23
14	*	*	*	*	*	*	*	*	17	0	0	19
15	*	*	*	*	*	*	*	*	14	0	0	21
16	*	*	*	*	*	*	*	*	20	0	0	24
17	*	*	*	*	*	*	*	*	20	0	0	21
18	*	*	*	*	*	*	*	*	20	0	0	23
19	*	*	*	*	*	*	*	*	21	0	0	23
20	*	*	*	*	*	*	*	*	21	0	0	23
21	*	*	*	*	*	*	*	*	19	0	0	21
22	*	*	*	*	*	*	*	*	16	0	0	20
23	*	*	*	*	*	*	*	*	16	0	0	20
24	*	*	*	*	*	*	*	*	0	0	0	20
25	*	*	*	*	*	*	*	*	0	0	0	20
26	*	*	*	*	*	*	*	*	0	0	0	20
27	*	*	*	*	*	*	*	*	0	0	0	19
28	*	*	*	*	*	*	*	*	19	0	0	20
29	*	*	*	*	---	*	*	*	20	0	0	16
30	*	*	*	*	---	*	*	*	20	0	0	12
31	*	---	*	*	---	*	---	*	---	0	0	---
Mean	*	*	*	*	*	*	*	*	13	7	0	14
Max.	*	*	*	*	*	*	*	*	20	20	0	24
Min.	*	*	*	*	*	*	*	*	0	0	0	0
A. F.	*	*	*	*	*	*	*	*	799	452	0	847

Total acre-feet 2098.

*No record.

TOOHEY SPILLWAY—Sec. 19-23-56 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	21	5	6	2	3	11	2	0	0	0	0
2	4	20	5	6	2	3	11	1	0	0	0	0
3	17	20	5	6	2	3	11	1	0	0	0	0
4	17	20	5	6	2	3	11	0	0	0	0	0
5	17	15	5	6	2	3	11	1	0	0	0	0
6	17	10	5	6	2	3	11	1	0	0	0	0
7	17	10	5	6	2	3	11	1	0	0	0	0
8	17	10	5	6	2	3	11	1	0	0	0	0
9	17	8	5	5	2	4	11	1	0	0	0	0
10	16	8	5	5	2	4	11	1	0	0	0	0
11	16	6	5	5	2	5	11	2	0	0	0	0
12	16	6	5	5	2	5	11	0	0	0	0	0
13	16	6	5	5	2	5	11	0	0	0	0	0
14	15	5	5	5	2	5	11	0	0	0	0	0
15	15	5	5	5	2	6	12	0	0	0	0	0
16	15	5	5	4	2	6	12	0	0	0	0	0
17	15	4	5	4	2	6	12	0	0	0	0	0
18	15	4	5	4	2	6	12	0	0	0	0	0
19	15	4	5	4	2	7	12	56	0	0	0	0
20	20	4	5	4	3	7	12	15	0	26	0	0
21	25	4	5	4	3	7	12	20	0	0	0	0
22	26	4	5	4	3	7	12	14	0	1	0	0
23	25	4	5	3	3	8	12	8	0	0	0	0
24	25	4	5	3	3	8	12	8	0	0	0	0
25	24	4	5	3	3	8	12	8	0	0	0	0
26	24	4	5	3	3	8	12	1	0	0	0	0
27	23	4	5	3	3	9	12	0	0	0	0	0
28	23	5	5	3	3	9	12	0	0	0	0	0
29	22	5	5	3	---	9	12	0	0	0	0	0
30	22	5	5	3	---	10	12	0	0	0	0	0
31	21	---	5	2	---	10	---	---	---	0	0	---
Mean	1	8	5	4	2	6	12	5	0	1	0	0
Max.	26	21	5	6	3	10	12	56	0	26	0	0
Min.	0	4	5	2	2	3	11	0	0	0	0	0
A. F.	1105	464	307	272	129	367	686	282	0	73	0	0

Total acre-feet 3685.

TRI-STATE CANAL WASTE TO NINE MILE DRAIN—Sec. 11-22-53 W.
Year Ending September 30, 1938.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	0	0	0	0
2	*	*	*	*	*	*	*	*	0	0	0	45
3	*	*	*	*	*	*	*	*	0	0	0	0
4	*	*	*	*	*	*	*	*	0	0	0	0
5	*	*	*	*	*	*	*	*	0	0	0	0
6	*	*	*	*	*	*	*	*	0	0	0	0
7	*	*	*	*	*	*	*	*	0	0	0	0
8	*	*	*	*	*	*	*	*	0	0	0	0
9	*	*	*	*	*	*	*	*	0	0	0	0
10	*	*	*	*	*	*	*	*	0	0	0	0
11	*	*	*	*	*	*	*	*	0	0	0	0
12	*	*	*	*	*	*	*	*	0	0	0	40
13	*	*	*	*	*	*	*	*	0	0	0	40
14	*	*	*	*	*	*	*	*	0	0	0	40
15	*	*	*	*	*	*	*	*	0	0	0	40
16	*	*	*	*	*	*	*	*	0	0	0	40
17	*	*	*	*	*	*	*	*	0	0	0	40
18	*	*	*	*	*	*	*	*	0	0	0	40
19	*	*	*	*	*	*	*	*	0	0	0	40
20	*	*	*	*	*	*	*	*	0	0	0	40
21	*	*	*	*	*	*	*	*	0	0	0	0
22	*	*	*	*	*	*	*	*	0	0	0	0
23	*	*	*	*	*	*	*	*	40	0	0	0
24	*	*	*	*	*	*	*	*	25	0	0	0
25	*	*	*	*	*	*	*	*	25	0	0	0
26	*	*	*	*	*	*	*	*	0	0	0	0
27	*	*	*	*	*	*	*	*	0	0	0	0
28	*	*	*	*	*	*	*	*	0	0	0	0
29	*	*	*	*	---	*	*	*	0	0	0	0
30	*	*	*	*	---	*	*	*	0	0	0	0
31	*	---	*	*	---	*	*	*	---	0	0	---
Mean	*	*	*	*	*	*	*	*	39	0	0	40
Max.	*	*	*	*	*	*	*	*	40	0	0	45
Min.	*	*	*	*	*	*	*	*	0	0	0	0
A. F.	*	*	*	*	*	*	*	*	179	0	0	803

Total acre-feet 982.

* No record.

TRI-STATE CANAL WASTE TO RED WILLOW CREEK—Sec. 3-21-51 W.
Year Ending September 30, 1938.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	15	0	0
4	0	0	0	0	0
5	0	0	0	0	70
6	0	0	0	0	90
7	0	0	0	0	20
8	0	0	0	0	30
9	0	0	0	0	50
10	0	0	0	0	25
11	0	0	0	0	32
12	0	0	0	0	90
13	0	0	0	0	45
14	0	0	0	0	65
15	0	0	0	0	75
16	200	0	0	0	117
17	150	0	0	0	124
18	140	0	0	0	100
19	300	0	0	0	125
20	30	0	0	0	75
21	0	0	0	0	70
22	0	0	0	0	40
23	0	0	0	0	40
24	0	0	0	0	15
25	0	0	0	0	7
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	.	.	1	.	.	.	.	0	0	0	0	0
31	0	0	0	0	0
Mean	164	0	15	0	62
Max.	300	0	15	0	125
Min.	0	0	0	0	0
A. F.	1626	0	30	0	2585

Total acre-feet 4244.

* No record.

TUB SPRINGS—Sec. 8-22-55 W.
Year Ending September 30, 1938.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	120	53	46	51	33	22	27	21	21	40	8	63
2	149	52	45	51	32	21	27	21	22	13	6	69
3	144	52	45	51	31	21	27	21	14	57	6	147
4	155	51	45	51	31	21	27	21	16	51	5	127
5	153	51	45	51	31	21	27	21	16	20	13	103
6	143	51	44	52	31	21	27	20	7	20	12	93
7	132	51	43	51	30	22	26	20	5	33	10	91
8	88	51	43	50	30	22	26	20	4	12	7	97
9	92	51	43	49	30	22	26	20	6	4	9	106
10	88	50	44	48	29	22	25	20	19	13	7	97
11	85	50	44	48	29	22	25	19	26	4	5	109
12	77	50	45	47	29	22	25	14	34	3	3	118
13	52	51	48	46	28	23	25	28	16	3	36	120
14	47	51	50	45	28	23	24	21	7	4	36	120
15	59	51	50	44	28	24	24	60	7	7	67	133
16	59	51	50	44	27	24	24	28	17	59	77	136
17	59	51	50	43	28	24	24	70	17	86	74	130
18	67	50	50	42	27	24	24	63	15	50	75	127
19	57	50	50	41	26	25	23	48	36	90	31	111
20	58	49	50	40	26	25	23	32	52	106	52	104
21	59	49	50	40	25	25	23	27	35	84	55	100
22	62	49	50	39	25	26	23	24	62	81	58	92
23	57	48	50	38	25	26	22	23	65	82	58	92
24	55	48	50	37	24	26	22	23	60	80	62	91
25	55	48	50	37	24	26	22	23	72	80	55	63
26	54	47	51	36	23	27	22	32	73	74	56	59
27	54	47	51	35	23	27	22	27	64	69	56	50
28	54	47	51	35	22	27	22	26	67	27	59	53
29	53	46	51	34	—	27	22	37	43	18	59	58
30	53	46	51	34	—	27	22	53	41	27	66	62
31	53	—	51	33	—	27	20	20	—	21	62	—
Mean	80	50	48	43	28	24	24	29	31	42	38	88
Max.	155	53	51	51	33	27	27	70	73	106	77	147
Min.	47	46	43	33	22	21	22	14	4	3	5	50
A. F.	4943	2959	2947	2664	1537	1476	1444	1811	1963	2606	2356	5853

Total acre-feet 32459.

WHITE HORSE CREEK—Sec. 5-13-29 W.
 Year Ending September 30, 1938.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	2	6	8	10	9	22	22	47	22	7	3	12
2	1	6	9	10	10	22	23	45	20	9	3	13
3	2	7	9	10	11	22	24	46	19	8	3	12
4	2	7	9	10	12	22	25	45	19	8	3	14
5	3	7	9	10	14	22	30	44	18	8	3	12
6	3	7	9	10	16	22	35	46	18	7	3	10
7	3	7	9	11	17	22	34	45	17	7	3	9
8	3	7	10	11	18	22	33	43	17	7	3	9
9	4	7	10	11	18	22	32	41	16	7	3	8
10	4	7	10	11	18	22	31	38	16	6	3	8
11	4	7	10	11	18	21	30	37	16	6	3	7
12	4	7	10	11	19	21	29	36	15	6	3	6
13	4	7	10	12	19	21	28	35	15	6	3	6
14	4	7	10	12	19	21	35	33	15	5	3	7
15	4	7	11	12	18	21	40	32	14	5	4	7
16	4	7	11	12	17	21	40	31	14	5	4	7
17	4	7	11	12	15	21	39	31	14	5	3	7
18	5	7	11	13	14	21	39	30	13	4	3	7
19	5	7	11	13	13	21	38	28	13	4	3	7
20	5	7	11	13	14	21	38	32	13	4	3	7
21	5	7	11	13	16	21	39	31	12	4	3	6
22	5	7	11	13	18	20	38	30	10	4	3	6
23	5	7	11	14	20	20	38	29	9	4	3	6
24	5	7	11	14	23	20	41	28	10	4	3	6
25	5	8	11	14	23	20	46	27	9	4	3	6
26	6	8	11	14	23	20	50	26	8	4	4	6
27	6	8	11	14	23	20	52	24	8	4	4	5
28	6	8	11	13	23	20	52	22	8	4	4	5
29	6	8	10	12	—	20	50	21	7	4	4	5
30	6	8	10	10	—	21	48	25	7	4	4	5
31	6	—	10	10	—	21	—	24	—	4	4	—
Mean	4	7	10	12	17	21	37	34	14	5	3	8
Max.	6	8	11	14	23	22	52	47	22	9	4	14
Min.	1	5	8	10	9	20	22	21	7	4	3	5
A. F.	250	424	627	726	948	1295	2163	2097	817	333	200	458
Total acre-feet 10370.												

 WHITE RIVER AT CRAWFORD—Sec. 9-31-52 W.
 Year Ending September 30, 1938.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	15	18	22	18	22	24	19	23	20	16	9	11
2	14	18	24	18	25	23	19	22	19	16	10	19
3	14	18	21	22	27	23	20	22	18	17	10	18
4	14	18	20	21	25	24	20	23	18	16	9	15
5	14	18	14	18	24	23	20	25	18	16	9	14
6	15	18	15	18	24	18	18	25	16	16	9	14
7	15	18	16	14	26	23	16	24	16	17	8	13
8	15	18	16	15	26	22	23	22	17	18	8	13
9	16	18	16	15	24	22	24	23	16	15	9	18
10	16	18	16	16	24	22	24	23	16	14	9	13
11	16	18	19	14	26	22	21	22	16	13	9	18
12	16	19	23	13	28	22	20	23	15	13	8	16
13	17	18	22	26	24	30	19	22	15	12	7	16
14	17	19	22	24	22	28	20	22	15	13	8	16
15	18	19	22	27	18	31	30	21	14	13	8	20
16	20	19	22	31	20	25	27	21	16	12	8	14
17	20	19	22	37	22	21	23	23	31	16	8	13
18	22	19	23	29	19	24	22	24	16	15	8	13
19	20	13	22	25	20	21	21	46	17	15	7	14
20	19	12	22	24	20	20	22	31	73	25	7	15
21	18	16	22	24	21	20	23	22	23	13	8	14
22	18	18	22	29	24	20	22	22	20	13	8	13
23	18	18	22	28	22	19	23	28	26	12	7	14
24	18	20	20	27	23	19	25	22	21	12	7	13
25	18	21	18	18	24	19	105	20	35	13	20	12
26	18	21	20	20	31	19	30	19	21	14	14	12
27	18	19	22	25	26	18	30	18	18	13	64	12
28	18	22	22	26	24	20	27	18	17	12	28	12
29	19	18	22	27	—	19	25	18	41	18	13	12
30	19	22	22	20	—	18	23	20	23	12	13	12
31	18	—	22	24	—	19	—	21	—	11	11	—
Mean	17	18	20	22	23	21	27	23	21	14	11	14
Max.	22	22	24	37	31	31	105	46	73	25	64	20
Min.	14	12	14	13	18	18	16	18	14	11	7	11
A. F.	1060	1090	1260	1370	1310	1340	1650	1420	1280	895	717	871
Total acre-feet 14260.												

WHITE RIVER NEAR CHADRON—Sec. 18-33-49 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	5.3	5.5	4.5	7.0	3.5	12	8.5	12	36	17	8.7	10
2	5.0	6.1	5.0	6.5	5.0	13	9.1	10	22	16	7.6	5.3
3	4.3	6.0	5.6	6.5	6.5	11	9.5	10	16	11	7.0	3.2
4	3.0	5.5	5.0	7.0	7.0	11	12	10	12	10	5.9	2.3
5	1.5	8.0	2.5	8.0	8.0	10	11	9.9	11	8.7	5.0	1.8
6	2.6	10	2.0	6.5	9.0	11	14	10	8.7	10	4.5	1.2
7	2.8	8.5	2.5	5.5	10	13	17	10	8.5	14	4.2	1.9
8	3.4	7.0	2.5	6.0	10	13	15	8.5	8.3	13	4.0	1.1
9	5.2	6.6	2.5	6.5	10	14	16	6.8	8.3	12	3.7	1.1
10	5.7	6.1	3.0	7.0	10	15	22	6.4	8.1	10	5.7	1.0
11	7.6	5.2	3.5	6.5	9.5	16	103	5.9	8.1	8.7	5.2	1.7
12	7.0	4.8	3.0	6.5	8.5	35	34	5.9	7.6	6.8	4.8	2.3
13	7.0	4.5	3.0	6.5	8.0	79	15	5.5	6.8	5.5	7.9	3.0
14	7.6	4.6	3.5	7.5	8.0	92	10	5.5	6.8	5.0	5.7	10
15	7.0	4.0	4.0	9.0	7.5	207	51	4.8	5.7	6.1	5.7	6.6
16	5.2	3.5	5.0	10	7.0	152	186	6.6	5.0	104	3.0	7.2
17	8.9	2.5	5.5	9.5	6.8	25	45	77	11	123	2.9	9.1
18	11	1.0	5.5	7.0	7.0	15	20	50	9.9	57	3.4	7.4
19	16	1.0	5.5	7.0	7.5	14	13	350	11	19	2.4	7.0
20	22	1.5	6.0	7.5	8.0	15	10	277	9.3	11	2.8	7.0
21	15	2.0	7.0	9.0	8.5	12	22	150	60	9.3	3.2	7.2
22	13	3.0	6.5	8.5	9.0	10	15	56	34	8.1	2.6	6.8
23	6.6	5.0	5.5	7.5	9.5	9.9	14	46	24	5.9	3.4	7.0
24	4.3	5.5	4.0	6.5	9.5	9.7	12	28	17	4.6	4.3	6.8
25	4.0	6.5	4.0	5.5	9.0	9.7	18	28	17	4.3	6.8	7.0
26	4.0	6.5	5.5	5.0	11	9.7	116	22	20	4.5	7.3	5.5
27	4.3	6.0	7.5	6.0	13	10	38	18	27	5.9	17	5.2
28	4.6	5.0	7.5	6.5	12	10	16	17	28	7.2	20	5.0
29	4.8	5.0	8.0	7.0	—	9.3	15	16	18	17	16	5.3
30	7.2	4.5	7.5	6.0	—	9.1	14	29	15	18	13	5.9
31	6.6	—	7.0	3.5	—	9.1	—	103	—	12	12	—
Mean	6.8	5.0	4.8	6.9	8.5	28.4	30.0	45.0	16.0	18.2	7.0	5.0
Max.	22	10	8.0	10	13	207	186	350	60	123	23	10
Min.	1.5	1.0	2.0	3.5	3.5	9.1	8.5	4.8	5.0	4.3	2.4	.9
A. F.	421	299	297	425	473	1750	1790	2770	952	1120	433	299

Total acre-feet 11030.

 WHITE TAIL CREEK—Sec. 36-15-38 W.
 Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	25	25	32	33	33	31	33	26	26	26	26	28
2	25	25	32	33	33	31	33	25	25	25	25	50
3	25	25	32	33	34	31	33	25	25	25	25	29
4	25	25	32	33	34	32	32	25	25	26	25	28
5	25	25	33	33	35	32	32	25	25	26	26	29
6	25	26	32	34	33	32	15	24	25	25	26	29
7	25	26	31	34	33	32	50	24	26	28	26	29
8	25	26	30	34	34	33	40	24	26	25	26	29
9	25	27	30	34	33	33	35	24	26	25	25	29
10	25	27	30	34	32	33	34	24	28	25	26	29
11	25	27	30	34	32	33	33	24	25	25	26	29
12	25	27	31	30	32	34	33	22	25	26	28	30
13	25	28	31	35	32	34	33	22	25	26	27	29
14	25	28	31	35	31	34	33	22	24	25	27	31
15	25	28	31	36	31	34	40	22	26	25	27	31
16	25	29	31	36	26	35	41	23	25	26	27	33
17	25	29	31	37	25	35	34	22	26	26	27	32
18	25	29	31	37	24	35	33	27	26	27	27	34
19	25	29	31	38	24	36	33	26	25	27	30	32
20	25	29	31	39	23	35	32	26	28	27	30	30
21	25	29	31	39	23	35	32	27	26	27	30	32
22	25	30	32	40	24	35	32	27	25	27	31	32
23	25	30	31	40	25	34	31	27	27	27	31	32
24	25	30	28	39	27	34	31	27	26	27	30	33
25	25	30	27	37	29	34	31	25	28	27	31	33
26	25	31	31	39	30	34	30	25	26	27	31	33
27	25	31	33	40	30	34	51	25	26	26	32	33
28	25	31	33	39	30	34	40	26	24	27	31	32
29	25	31	32	34	—	34	31	27	24	27	30	31
30	25	31	32	34	—	34	27	27	27	27	30	31
31	25	—	32	34	—	34	—	28	—	—	28	—
Mean	25	28	31	36	30	34	34	25	26	26	28	—
Max.	25	31	33	40	35	36	51	28	28	28	32	34
Min.	25	25	27	33	23	31	15	22	24	25	25	28
A. F.	1537	1674	1914	2196	1660	2065	2019	1537	1529	1609	1722	1872

Total acre-feet 21324.

WINTERS CREEK—Sec. 19-22-54 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	109	60	51	58	59	52	48	43	45	69	64	80
2	96	58	51	60	59	50	45	43	50	64	48	186
3	95	57	68	58	59	50	46	43	42	75	43	144
4	83	57	60	58	49	50	45	42	36	88	42	148
5	84	57	60	60	49	48	48	50	36	64	50	138
6	91	60	64	58	49	50	48	42	29	35	41	129
7	92	59	63	58	49	48	48	42	10	12	40	126
8	85	58	61	58	50	48	49	42	12	24	33	128
9	91	56	60	59	50	48	52	42	10	18	43	134
10	52	56	60	59	50	48	50	42	8	29	52	127
11	84	59	60	59	50	48	50	42	18	43	50	120
12	83	58	64	58	51	48	50	43	22	33	43	127
13	84	58	62	57	52	48	49	43	26	30	46	128
14	88	58	63	57	52	48	48	44	42	57	103	108
15	84	59	64	57	52	47	57	50	48	45	109	108
16	75	59	62	57	53	49	49	53	49	74	107	116
17	77	59	61	57	54	48	46	45	57	107	81	115
18	85	59	63	57	53	48	45	69	52	92	43	106
19	73	58	63	55	52	48	45	134	116	135	44	118
20	73	60	63	56	52	48	45	59	93	115	44	108
21	76	58	60	56	53	48	45	52	56	100	50	97
22	77	58	61	56	54	48	45	50	106	112	54	85
23	77	58	59	55	54	47	45	52	123	103	50	84
24	73	55	61	55	54	47	45	51	110	96	64	84
25	75	57	61	54	54	47	44	50	114	76	58	62
26	69	54	59	55	53	47	44	54	57	74	64	63
27	64	56	60	54	53	47	48	50	58	84	72	60
28	64	54	60	54	53	48	44	46	54	96	97	59
29	64	55	60	54	---	47	44	58	48	94	101	66
30	64	52	60	50	---	48	44	60	64	77	85	67
31	64	---	59	50	---	48	---	48	---	69	86	---
Mean	79	57	60	56	51	48	47	52	53	70	61	107
Max.	109	60	68	60	54	52	57	134	123	135	109	186
Min.	52	52	51	50	49	47	44	42	8	12	33	59
A. F.	4860	3420	3730	3470	2870	2960	2800	3240	3160	4360	3780	6250

Total acre-feet 45020.

WINTERS CREEK CANAL WASTE TO SCOTTSBLUFF DRAIN NO. 1
Sec. 24-22-55 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	1	0	0	0
2	*	*	*	*	*	*	*	0	1	4	0	0
3	*	*	*	*	*	*	*	0	5	4	2	0
4	*	*	*	*	*	*	*	0	5	1	2	0
5	*	*	*	*	*	*	*	0	4	3	2	0
6	*	*	*	*	*	*	*	0	6	2	2	0
7	*	*	*	*	*	*	*	0	1	1	0	0
8	*	*	*	*	*	*	*	0	1	1	0	0
9	*	*	*	*	*	*	*	0	2	1	0	0
10	*	*	*	*	*	*	*	0	0	1	3	0
11	*	*	*	*	*	*	*	0	0	0	3	0
12	*	*	*	*	*	*	*	0	0	0	3	0
13	*	*	*	*	*	*	*	0	3	0	3	0
14	*	*	*	*	*	*	*	0	3	3	0	1
15	*	*	*	*	*	*	*	0	0	4	0	1
16	*	*	*	*	*	*	*	0	0	1	0	1
17	*	*	*	*	*	*	*	0	0	1	1	1
18	*	*	*	*	*	*	*	0	0	2	1	1
19	*	*	*	*	*	*	*	0	0	2	0	1
20	*	*	*	*	*	*	*	0	0	2	0	3
21	*	*	*	*	*	*	*	0	0	1	0	3
22	*	*	*	*	*	*	*	0	0	1	0	3
23	*	*	*	*	*	*	*	0	0	0	0	3
24	*	*	*	*	*	*	*	0	0	0	2	3
25	*	*	*	*	*	*	*	0	0	0	2	3
26	*	*	*	*	*	*	*	0	0	0	2	1
27	*	*	*	*	*	*	*	0	0	0	2	2
28	*	*	*	*	*	*	*	0	0	0	3	2
29	*	*	*	*	---	*	*	0	0	0	3	0
30	*	*	*	*	---	*	*	1	0	0	0	0
31	*	---	*	*	---	*	---	1	---	0	0	---
Mean	*	*	*	*	*	*	*	1	3.0	2.0	2.2	1.8
Max.	*	*	*	*	*	*	*	1	6	4	3	3
Min.	*	*	*	*	*	*	*	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	4	64	69	71	54

Total acre-feet 262.

*No record.

WINTERS CREEK CANAL WASTE TO WINTERS CREEK

Sec. 19-22-54 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	0	3	2	0	1
2	*	*	*	*	*	*	*	0	2	3	0	1
3	*	*	*	*	*	*	*	0	2	2	1	1
4	*	*	*	*	*	*	*	0	2	1	1	1
5	*	*	*	*	*	*	*	0	2	1	1	0
6	*	*	*	*	*	*	*	0	2	1	0	0
7	*	*	*	*	*	*	*	0	3	1	0	0
8	*	*	*	*	*	*	*	0	3	1	0	0
9	*	*	*	*	*	*	*	0	3	1	0	0
10	*	*	*	*	*	*	*	0	2	1	1	0
11	*	*	*	*	*	*	*	0	2	0	1	0
12	*	*	*	*	*	*	*	0	2	0	1	0
13	*	*	*	*	*	*	*	0	2	0	0	0
14	*	*	*	*	*	*	*	0	2	1	0	0
15	*	*	*	*	*	*	*	0	2	1	0	0
16	*	*	*	*	*	*	*	0	2	2	0	1
17	*	*	*	*	*	*	*	0	2	2	0	1
18	*	*	*	*	*	*	*	0	2	1	2	1
19	*	*	*	*	*	*	*	0	2	2	2	1
20	*	*	*	*	*	*	*	0	1	2	3	1
21	*	*	*	*	*	*	*	0	1	2	3	1
22	*	*	*	*	*	*	*	0	1	2	1	1
23	*	*	*	*	*	*	*	0	1	1	1	1
24	*	*	*	*	*	*	*	0	1	0	1	0
25	*	*	*	*	*	*	*	0	1	0	1	0
26	*	*	*	*	*	*	*	0	0	0	1	0
27	*	*	*	*	*	*	*	0	0	1	2	1
28	*	*	*	*	*	*	*	0	0	1	2	1
29	*	*	*	*	*	*	*	0	0	1	2	1
30	*	*	*	*	---	*	*	0	0	1	1	1
31	*	*	*	*	---	*	*	12	0	0	1	0
Mean	*	*	*	*	*	*	*	12	---	1	---	---
Max.	*	*	*	*	*	*	*	12	2.0	1.3	1.4	1.0
Min.	*	*	*	*	*	*	*	12	3	3	3	1
A. F.	*	*	*	*	*	*	*	0	0	0	0	0
Total acre-feet	291.							48	93	64	56	30

*No record.

SUMMARY
NET ANNUAL DIVERSIONS IN ACRE-FEET BY PROJECTS
North Platte and Platte River Basins
Wyoming-Nebraska-Line to Odessa, Nebraska
Year Ending September 30, 1937

Project	Acreage Reported	Water Diverted	Acre-ft. per Acre
Alfalfa	3085	13145	4.27
Alliance	6292	14118	2.27
Barber	739	2574	3.48
Beaucamp .....	.....	*	*
Beerline	2093	11778	.85
Belmont	14465	32872	2.27
Bird Cage	70	28	.40
Birdwood	5328	5549	1.04
Blue Creek	2875	11628	4.04
Browns Creek	6144	17088	2.88
Castle Rock	6058	19826	3.27
Central	2255	6829	3.03
Chimney Rock	5628	11849	2.10
Clear Creek	200	651	3.25
Cody-Dillon	4823	6659	1.33
Court House	1294	5343	3.84
Cozad	31845	29327	.92
Dawson County	103265	77146	.74
Elm Creek	15890	11311	.71
Empire	1780	2987	1.68
Enterprise	7496	22431	2.99
Finch	100	76	.76
Gatch	65	*	*
Gering	14233	149321	3.47
Gothenburg	17820	42831	2.40
Graf	2089	6476	3.10
Hannah	213	0	.00
Harper	298	.....	.....
Holloway-Phelps	270	198	.73
Holcombe .....	.....	*	*
Hooper	896	3556	3.97
Janssen .....	.....	*	*
Kah .....	.....	0	.00
Kent-Burke	970	298	.33
Kearney	4384	15127	1.17
Keystone	2935	1549	.53
Keith-Lincoln	6547	20637	3.15
Lamore .....	.....	0	.00
Last Chance	455	2112	4.64
Lisco	2935	9337	3.18

*No record.

†Including storage diversions.

‡Estimated diversion for irrigation.

SUMMARY
NET ANNUAL DIVERSIONS IN ACRE-FEET BY PROJECTS
North Platte and Platte River Basins
Wyoming-Nebraska-Line to Odessa, Nebraska
Year Ending September 30, 1937—Concluded

Project	Acreage Reported	Water Diverted	Acre-ft. per Acre
Loneragan	545	1075	1.97
Lyons	2299	3895	1.70
McCarthy	70	268	3.83
Meredith-Ammer	981	1793	1.83
Midland-Overland	2204	6694	3.04
Ministare	9272	20646	2.22
Mitchell	13600	48583	3.57
Mutual	455	944	2.08
Nine Mile	5913	16423	2.78
Nielsen	215	235	1.09
North Platte	13969	38639	2.77
Northport	16135	162632	3.88
North River	5142	1502	.29
Orchard and Alfalfa	5921	14275	2.42
Oshkosh	2881	2284	.79
Otter Creek	1463	2087	1.43
Paisley	1079	2751	2.55
Patrick	170	226	1.33
Paxton-Hershey	7456	20641	2.77
Radcliffe	274	*	*
Ramshorn	2181	2887	1.33
Round House Rock	121	149	1.23
Rush Creek	569	50	.09
Scripter	175	235	1.34
Schermerhorn	—	0	.00
Short Line	2985	5822	1.95
Sheridan Wilson	676	2643	3.92
Signal Bluff	1436	1408	.98
Six Mile	1820	575	.31
Smith-Wheeler	75	341	4.55
Soehl	340	520	1.53
Spohn	1040	1766	1.70
Steamboat	—	0	.00
Suburban	8042	21378	2.66
Sutherland	Stor.	189142	—
Thirty Mile	23129	36178	1.56
Tri-State	64967	1223818	3.44
Union	1288	3518	2.73
Williams	—	*	*
Winters Creek	4549	16921	3.72

*No record.

†Including storage diversions.

SUMMARY
NET ANNUAL DIVERSIONS IN ACRE-FEET BY PROJECTS
North Platte and Platte River Basins
Wyoming-Nebraska-Line to Odessa, Nebraska
Year Ending September 30, 1938

Project	Acreage Reported	Water Diverted	Acre-ft. per Acre
Alfaifa (1)	2839	6268	2.16
Alliance (2)	6139	9056	1.48
Barber	739	1894	2.56
Beaucamp .....	.....	*	*
Beerline (1)	2080	†1192	.57
Belmont (2)	14563	16234	1.12
Bird Cage .....	.....	28	.....
Birdwood (1)	5573	4552	.82
Blue Creek (1)	2856	5519	1.93
Browns Creek (1)	6132	†7135	1.16
Castle Rock (1)	6038	10097	1.76
Central (1)	2119	†4794	2.26
Chimney Rock (1)	5714	†6503	1.14
Clear Creek	160	514	3.21
Cody-Dillon (1)	4743	3709	.78
Court House (1)	1402	5502	3.92
Cozad (1)	31985	29904	.93
Dawson County (1)	98584	47356	.48
Elm Creek	5950	4202	.71
Empire (1)	1650	611	.37
Enterprise (3)	7227	16224	2.24
Finch	100	30	.30
Gatch (1)	65	141	2.17
Gering (2)	14230	†29916	2.10
Gothenburg (2)	17620	52174	2.96
Graf (1)	2089	4015	1.92
Hannah	217	0	.00
Harper .....	.....	127	.....
Holloway-Phelps .....	.....	0	.00
Holcombe (1)	560	0	.00
Hooper (1)	877	1902	2.17
Janassen	589	0	.00
Kah .....	.....	0	.00
Kent-Burke (1)	410	0	.....
Kearney (2)	4600	†5750	1.25
Keystone (1)	3215	0	.00
Keith-Lincoln (2)	6197	9791	1.58
Lamore (1)	1400	32	.02
Last Chance (1)	442	1929	4.36
Lisco (2)	2939	1664	.57

Note:—Number in parenthesis following project indicates the number of automatic recorders in operation on the project.

*No record.

†Including storage diversions.

‡Estimated diversion for irrigation.

SUMMARY
NET ANNUAL DIVERSIONS IN ACRE-FEET BY PROJECTS

North Platte and Platte River Basins
Wyoming-Nebraska-Line to Odessa, Nebraska
Year Ending September 30, 1938—Concluded

Project	Acreage Reported	Water Diverted	Acre-ft. per Acre
Loneragan	545	531	0.97
Lyons (1)	2264	1012	.45
McCarthy	—	136	—
Meredith-Ammer (1)	982	724	.74
Midland-Overland (1)	1848	1418	.77
Minatare (1)	6944	13686	1.97
Mitchell (1)	13841	139002	2.82
Mutual (1)	455	1291	2.84
Nine Mile (1)	5878	10689	1.82
Nissen	270	44	.16
North Platte (3)	14001	27191	1.94
Northport (1)	16131	145641	2.83
North River	—	0	.00
Orchard and Alfalfa (1)	5950	9938	1.67
Oshkosh (1)	2846	1322	.46
Otter Creek	1098	1000	.91
Paisley (1)	892	853	.96
Patrick	170	237	1.39
Paxton-Hershey (1)	7458	15381	2.06
Phelps County	3925	24018	6.12
Radcliffe	274	*	—
Ramshorn	1675	12666	1.59
Round House Rock	121	367	3.04
Rush Creek (1)	539	0	.00
Scripter	175	65	.37
Schermerhorn	—	0	.00
Short Line	2985	2615	.88
Sheridan Wilson (1)	676	1308	1.94
Signal Bluff (1)	1435	932	.65
Six Mile (1)	943	652	.69
Smith-Wheeler	65	221	3.40
Soehl	203	220	1.08
Spohn	—	0	.00
Steamboat	—	0	.00
Suburban (1)	8042	13284	1.66
Sutherland (2)	Stor.	98940	—
Thirty Mile (1)	23129	49380	2.14
Tri-State (3)	65337	1183015	2.80
Union (1)	1233	1988	1.61
Williams	—	0	.00
Winters Creek (2)	4512	11030	2.44

Note:—Number in parenthesis following project indicates the number of automatic recorders in operation on the project.

*No record.

†Including storage diversions.

BRIEF STATEMENT OF GENERAL CLOSING ORDERS AND
REQUESTS ISSUED DURING THE YEAR 1937

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
5- 6	R. H. Willis ¹	John D. Quinn ²	.....	Requested 1185 Sec.-ft.
5-21	do	do	.....	Requested 1500 Sec.-ft.
5-21	do	C. F. Gleason ³	.....	Requested by wire 1800 Sec.-ft.
5-21	Fred Hervert	Frank B. Ludden ⁴	Legal amount	Formal order
5-21	do	Mark Mallett ⁵	do	Formal order
5-21	do	Guy Roberts ⁶	do	Formal order
5-21	do	Albert McDermott ⁷	do	Formal order
5-22	R. H. Willis	do	Elm Creek Ditch Co.	Wire
5-24	do	John D. Quinn	.....	Requested by wire 2000 Sec.-ft.
5-24	do	C. F. Gleason	.....	Requested by wire 2000 Sec.-ft.
5-25	do	John D. Quinn	.....	Requested by wire 2500 Sec.-ft.
5-25	do	C. F. Gleason	.....	Requested by wire 2500 Sec.-ft.
7- 2	do	Albert McDermott	Sept. 15, 1894	Order by wire
7- 3	do	Frank B. Ludden	do	Formal order
7- 3	do	Mark Mallett	do	Formal order
7- 3	do	Guy Roberts	do	Formal order
7- 3	do	Albert McDermott	do	Formal order
7-14	M. S. Dodd	Mark Mallett	Legal amount	Formal order
7-14	do	Frank B. Ludden	do	Formal order
7-14	do	Guy Roberts	do	Formal order
7-27	do	Frank B. Ludden	July 23, 1896	Formal order
7-27	do	Mark Mallett	do	Formal order
7-27	do	Guy Roberts	do	Formal order
7-27	do	Albert McDermott	do	Formal order
7-29	do	Frank B. Ludden	Sept. 15, 1894	Formal order
7-29	do	Mark Mallett	do	Formal order
7-29	do	Guy Roberts	do	Formal order
7-29	do	Albert McDermott	do	Formal order
8-11	Fred Hervert	Guy Roberts	Feb. 2, 1894	Formal order
8-11	do	Mark Mallett	do	Formal order
8-16	do	do	Dec. 25, 1892	Formal order
8-16	do	Albert McDermott	do	Formal order
8-16	do	Guy Roberts	do	Formal order
8-16	do	Frank B. Ludden	do	Formal order
8-20	R. H. Willis	do	Feb. 1, 1894	Formal order
8-20	do	Guy Roberts	Feb. 13, 1894	Formal order
8-20	do	Mark Mallett	do	Formal order
8-21	do	do	June 10, 1894	Formal order
8-23	do	do	Feb. 13, 1894	Formal order
8-25	do	Frank B. Ludden	Dec. 25, 1894	Formal order
8-25	do	Guy Roberts	Dec. 25, 1894	Formal order
8-25	do	Mark Mallett	do	Formal order
8-30	do	Frank B. Ludden	Sept. 16, 1887	Formal order
9- 2	do	Guy Roberts	June 10, 1894	Formal order
9- 2	do	Mark Mallett	do	Formal order

BRIEF STATEMENT OF GENERAL CLOSING ORDERS AND
REQUESTS ISSUED DURING THE YEAR 1937—Concluded

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
9- 4	R. H. Willis	Guy Roberts	Dec. 25, 1894	Formal order
9- 4	do	Mark Mallett	do	Formal order
9- 6	do	do	July 23, 1896	Formal order
9- 6	do	Guy Roberts	do	Formal order
9- 6	do	Albert McDermott	do	Formal order
9- 7	do	Frank B. Ludden	do	Order by wire
9-13	do	do	.....	Special by wire
9-15	do	do	.....	Special by wire
9-16	M. S. Dodd	Mark Mallett	Mar. 24, 1904	Formal order
9-16	do	Albert McDermott	do	Formal order
9-16	do	Guy Roberts	do	Formal order
9-16	do	Frank B. Ludden	do	Formal order
9-20	do	Guy Roberts	Legal amount	Formal order
9-20	do	Albert McDermott	do	Formal order
9-20	do	Mark Mallett	do	Formal order
9-20	do	Frank B. Ludden	do	Formal order
9-24	Fred Hervert	do	.....	Special order
9-24	R. H. Willis	Mitchell Dist.	.....	Order by wire
9-25	M. S. Dodd	Frank B. Ludden	.....	Special order
10- 8	Fred Hervert	Mitchell Dist.	.....	Order by wire

¹State Official signing the closing order.

²John D. Quinn, Wyoming State Engineer.

³C. F. Gleason, Superintendent of Power, U. S. Reclamation Service.

⁴Frank B. Ludden, Water Commissioner, Wyoming-Nebraska State Line to Bridgeport.

⁵Mark Mallett, Water Commissioner, Bridgeport to Lewellen.

⁶Guy Roberts, Water Commissioner, Lewellen to North Platte.

⁷Albert McDermott, Water Commissioner, North Platte to Kearney.

BRIEF STATEMENT OF GENERAL CLOSING ORDERS AND
REQUESTS ISSUED DURING THE YEAR 1938

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
5- 1	R. H. Willis ¹	John D. Quinn ²	.....	Requested by letter 926 sec.-ft.
5-11	do	Frank B. Ludden ³	.....	Formal order
5-17	M. S. Dodd	do	.....	Formal order
5-28	R. H. Willis	C. F. Gleason ⁴	.....	Requested by wire 700 sec.-ft.
5-28	M. S. Dodd	Frank B. Ludden	.....	Formal order
5-28	do	do	.....	Formal order
5-30	Fred Hervert	do	.....	Special order
6- 6	do	do	.....	Special order
6- 7	do	do	.....	Special order
6- 8	do	do	.....	Special order
6- 9	do	do	.....	Special order
6-12	do	do	.....	Special order
6-15	do	do	.....	Special order
6-16	M. S. Dodd	do	.....	Special order
6-22	do	Guy Roberts ⁵	Aug. 19, 1919	Formal order
6-22	do	A. H. Hamilton ⁶	do	Formal order
6-24	do	Guy Roberts	Sept. 14, 1894	Formal order
6-24	do	A. H. Hamilton	do	Formal order
6-25	do	Frank B. Ludden	.....	Special order
6-27	do	Guy Roberts	Legal amount	Formal order
6-27	do	A. H. Hamilton	do	Formal order
6-29	do	Frank B. Ludden	.....	Special order
7- 1	R. H. Willis	do	.....	Special order
7-13	do	do	Sept. 1, 1904	Formal order

BRIEF STATEMENT OF GENERAL CLOSING ORDERS AND
REQUESTS ISSUED DURING THE YEAR 1938—Concluded

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
7-14	R. H. Willis	French Ditch Co.	Sept. 1, 1894	Formal order
7-14	do	Frank B. Ludden	Dec. 27, 1894	Formal order
7-14	do	Albert McDermott ¹	do	Formal order
7-14	do	Guy Roberts	do	Formal order
7-14	do	A. H. Hamilton	do	Formal order
7-15	do	Frank B. Ludden	June 12, 1894	Formal order
7-15	do	Albert McDermott	do	Formal order
7-15	do	Guy Roberts	do	Formal order
7-15	do	A. H. Hamilton	do	Formal order
7-20	do	Guy Roberts	.....	Special order
7-20	do	Albert McDermott	.....	Special order
7-29	Fred Hervert	do	Dec. 27, 1894	Formal order
7-29	do	Guy Roberts	do	Formal order
7-29	do	A. H. Hamilton	do	Formal order
8- 1	do	Albert McDermott	June 12, 1894	Formal order
8- 1	do	Guy Roberts	do	Formal order
8- 1	do	A. H. Hamilton	do	Formal order
8- 2	do	Frank B. Ludden	Dec. 31, 1890	Formal order
8- 2	do	Albert McDermott	do	Formal order
8- 2	do	Guy Roberts	do	Formal order
8- 2	do	A. H. Hamilton	do	Formal order
8- 8	R. H. Willis	Frank B. Ludden	Dec. 31, 1888	Formal order
8- 8	do	Albert McDermott	do	Formal order
8- 8	do	Guy Roberts	do	Formal order
8- 8	do	A. H. Hamilton	do	Formal order
8-13	Fred Hervert	Frank B. Ludden	Sept. 11, 1882	Formal order
8-13	do	Albert McDermott	do	Formal order
8-13	do	Guy Roberts	do	Formal order
8-13	do	A. H. Hamilton	do	Formal order
8-16	R. H. Willis	Frank B. Ludden	Dec. 31, 1888	Formal order
8-16	do	Guy Roberts	do	Formal order
8-17	do	Frank B. Ludden	Dec. 20, 1889	Formal order
8-17	do	Albert McDermott	May 23, 1894	Formal order
8-17	do	Guy Roberts	do	Formal order
8-18	do	Enterprise Dist.	.....	Special wire
8-18	do	Castle Rock Dist.	.....	Special wire
8-20	do	Frank B. Ludden	Oct. 18, 1889	Formal order
8-20	do	Albert McDermott	do	Formal order
8-20	do	Guy Roberts	do	Formal order
8-20	do	A. H. Hamilton	do	Formal order
8-27	M. S. Dodd	Frank B. Ludden	Dec. 28, 1889	Formal order
8-27	do	do	.....	Special wire
8-27	do	Albert McDermott	Aug. 15, 1894	Formal order
8-27	do	Guy Roberts	June 27, 1894	Formal order
8-27	do	A. H. Hamilton	do	Formal order
8-28	R. H. Willis	Frank B. Ludden	do	Formal order
8-28	do	Albert McDermott	do	Formal order
8-28	do	Guy Roberts	do	Formal order
8-29	do	Albert McDermott	Jan. 17, 1895	Formal order
8-29	do	Guy Roberts	do	Formal order
8-29	do	A. H. Hamilton	Oct. 14, 1894	Formal order
9- 2	do	do	.....	Special wire
9- 3	do	Frank B. Ludden	Mar. 24, 1904	Formal order
9- 3	do	Albert McDermott	do	Formal order
9- 3	do	Guy Roberts	do	Formal order
9- 3	do	A. H. Hamilton	do	Formal order
9- 4	do	Frank B. Ludden	Feb. 9, 1934	Formal order
9- 4	do	Albert McDermott	do	Formal order
9- 4	do	Guy Roberts	do	Formal order
9- 4	do	A. H. Hamilton	do	Formal order
10- 7	do	A. W. Hall	.....	Special wire

¹State Official signing the closing order.²John D. Quinn, Wyoming State Engineer.³Frank B. Ludden, Water Commissioner, Wyoming-Nebraska State Line to Bridgeport.⁴C. F. Gleason, Superintendent of Power, U. S. Reclamation Service.⁵Guy Roberts, Water Commissioner, Lewellen to North Platte.⁶A. H. Hamilton, Water Commissioner, North Platte to Kearney.⁷Albert McDermott, Water Commissioner, Bridgeport to Lewellen.

DISCHARGE OF CANALS IN SECOND-FEET, 1937

ABERDEEN CANAL

Diversed from Frenchman River						
Date	May	June	July	Aug.	Sept.	
1	"	"	"	"	"	5
2	"	"	"	"	"	"
3	"	"	"	"	"	"
4	"	"	"	"	"	"
5	0	"	"	"	"	"
6	"	"	9	"	"	5
7	"	"	9	3	"	"
8	"	"	7	"	"	"
9	"	"	"	3	"	"
10	"	"	"	"	"	"
11	"	"	"	"	"	"
12	"	"	"	"	"	5
13	"	"	"	"	"	"
14	"	"	"	"	"	"
15	"	"	"	"	"	"
16	"	"	"	"	"	"
17	"	"	5	"	"	"
18	"	"	"	"	"	"
19	"	"	"	"	"	5
20	"	"	"	"	"	"
21	"	"	"	"	"	"
22	"	"	"	"	"	"
23	"	"	"	"	"	"
24	"	"	"	3	"	"
25	"	"	"	"	"	5
26	"	"	7	"	"	"
27	"	0	"	"	"	"
28	"	"	7	"	"	"
29	"	"	"	"	"	1
30	"	"	"	"	"	5
31	"	"	"	"	"	"
Mean	"	"	"	"	"	"
Max.	"	"	"	"	"	"
Min.	"	"	"	"	"	"
A. F.	"	"	"	"	"	"

*No record.

Acreage Reported

D-50a 97

D-50b 35

A-1117 110

Total 242

Area reported 242 acres.

ALFALFA CANAL

Diversed from North Platte River

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	55	40	0	81	38	46	54	0	
2	55	40	0	89	40	46	0	0	
3	55	35	0	91	45	41	0	0	
4	55	35	0	83	46	33	0	0	
5	55	30	0	72	31	44	0	0	
6	55	30	0	78	0	0	0	0	
7	55	25	0	84	0	0	0	0	
8	55	25	0	83	0	0	0	0	
9	55	20	0	83	0	0	0	0	
10	56	20	0	85	0	0	0	0	
11	55	15	0	89	0	0	0	0	
12	55	15	0	84	16	0	0	0	
13	55	10	0	71	19	0	0	0	
14	55	10	0	77	31	0	0	0	
15	55	"	66	88	0	44	0	0	
16	50	"	66	55	0	30	0	0	
17	50	"	66	65	16	42	0	0	
18	50	"	65	49	0	50	0	0	
19	50	"	66	52	5	54	0	0	
20	50	"	62	70	5	37	0	0	
21	45	"	62	58	0	32	0	0	
22	45	"	75	48	28	38	0	0	
23	45	"	75	44	5	48	0	0	
24	45	"	65	48	5	44	0	0	
25	45	"	63	49	5	33	0	0	
26	40	"	68	47	46	43	0	0	
27	42	"	76	44	52	48	16	0	
28	40	"	77	41	54	46	0	0	
29	40	"	79	26	56	42	0	0	
30	40	"	79	42	47	50	0	0	
31	40	..	..	34	..	58	0	..	
Mean	50	23	37	65	20	31	2	0	
Max.	56	40	79	91	56	58	54	0	
Min.	40	0	0	26	0	0	0	0	
A.F.	13661	1694	2212	3987	1170	1882	139	0	

Area reported 3085 acres.

Water diverted 13145 A. F.

Per acre 4.27 A. F.

*No record, †Estimated.

Acreage Reported

D-738 3085

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued
ALLIANCE CANAL

Date	Diverted from						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	0	0	20	27	2
2	3	0	0	0	19	0	3
3	3	0	0	0	23	0	2
4	3	0	0	15	22	0	2
5	3	0	0	30	9	0	2
6	2	0	0	22	15	0	2
7	2	0	0	20	15	0	2
8	2	0	0	19	15	0	2
9	2	0	0	30	13	1	3
10	2	0	0	40	18	1	3
11	2	0	0	0	20	6	3
12	2	0	0	0	19	3	3
13	0	0	0	0	27	2	2
14	0	0	0	0	24	2	2
15	0	0	0	0	25	4	2
16	0	0	0	9	28	3	2
17	0	0	0	19	32	4	1
18	0	0	15	26	34	1	1
19	0	0	27	21	34	0	1
20	0	0	26	32	34	0	1
21	0	0	28	36	25	0	1
22	0	0	35	38	23	0	1
23	0	0	35	29	23	1	1
24	0	0	36	24	28	4	1
25	0	0	33	26	29	3	1
26	0	0	43	7	25	3	0
27	0	0	47	7	25	3	0
28	0	0	54	6	24	5	0
29	0	0	40	22	27	3	0
30	0	0	20	21	28	5	0
31	0	..	0	..	28	5	..
Mean	1	0	14	17	24	3	2
Max.	3	0	54	40	34	27	3
Min.	0	0	0	0	9	0	0
A. F.	*58	0	871	990	1450	171	91

Water diverted 3631 A. F.

*Estimated.

ALLIANCE CANAL

Date	Diverted from Red Willow Creek						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	33	0	0	0	23	42	32
2	33	0	0	9	30	42	35
3	30	0	0	13	31	54	35
4	27	0	0	17	26	52	38
5	24	0	0	18	24	48	38
6	21	0	0	19	25	53	36
7	18	0	0	19	26	46	38
8	15	0	3	8	36	51	38
9	12	0	20	8	36	49	40
10	9	0	14	6	37	48	52
11	6	0	16	10	36	42	48
12	3	0	11	9	40	42	44
13	0	0	7	17	41	46	48
14	0	0	4	9	36	38	48
15	0	0	15	5	31	40	48
16	0	10	21	26	34	43	51
17	0	20	16	16	43	40	53
18	0	20	20	17	42	44	51
19	0	20	26	25	44	42	53
20	0	20	32	24	43	23	51
21	0	20	21	28	44	38	35
22	0	21	25	25	34	39	52
23	0	37	27	12	28	40	52
24	0	54	31	23	36	37	37
25	0	21	32	24	36	37	37
26	0	19	32	28	50	37	35
27	0	32	30	31	50	36	35
28	0	10	27	27	54	22	44
29	0	0	24	23	52	19	44
30	0	0	22	23	52	34	44
31	0	..	23	..	51	38	..
Mean	7	10	16	17	38	41	42
Max.	33	54	32	31	54	54	53
Min.	0	0	0	0	23	19	32
A. F.	458	603	990	1029	2323	2503	2563

Water diverted 10469 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

ALLIANCE CANAL							
Date	Diverted from Camp Clark Seep						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	4	0	0	0	0	4	0
2	4	0	0	0	0	3	0
3	4	0	0	0	0	6	0
4	4	0	0	0	0	6	0
5	5	0	0	0	0	6	0
6	5	0	0	0	0	7	0
7	5	0	0	0	0	7	0
8	6	0	0	0	0	7	0
9	6	0	0	0	0	8	0
10	6	0	0	0	0	8	0
11	7	0	0	0	0	8	0
12	7	0	0	0	0	9	0
13	7	0	0	0	0	9	0
14	7	0	0	0	0	9	0
15	7	0	0	0	0	10	0
16	0	0	0	0	1	10	0
17	0	0	0	0	3	10	0
18	0	0	0	0	4	11	0
19	0	0	0	0	6	11	0
20	0	0	0	0	7	10	0
21	0	0	0	0	6	10	0
22	0	0	0	0	7	10	0
23	0	0	0	0	3	10	0
24	0	0	0	0	1	10	0
25	0	0	0	0	2	9	0
26	0	0	0	0	5	9	0
27	0	0	0	0	5	9	0
28	0	0	0	0	6	9	0
29	0	0	0	0	6	9	0
30	0	0	0	0	4	9	0
31	0	0	0	0	4	5	0
Mean	2	0	0	0	2	8	0
Max.	7	0	0	0	7	11	0
Min.	4	0	0	0	0	3	0
A. F. *167	0	0	0	0	139	512	0

Water diverted 818 A. F.

Diverted from Camp Clark Seep for lands covered by A-418.

*Estimated.

ALLIANCE CANAL
SUMMARY IN ACRE-FEET

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:—								
Bayard Sugar Factory Drain.....	58	0	871	990	1450	171	91	3631
Red Willow Creek.....	458	603	990	1029	2323	2503	2563	10469
Camp Clark Seep.....	167	0	0	139	512	0	0	818
Total diversion	683	603	1861	2158	4285	2674	2654	14918

Area reported 6292 acres.

Acreage Reported

Water diverted 14918 A. F.

D-874-1035 6292

Per acre 2.37 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

ATKINS-POLLY CANAL

Date	Diverted from Lodgepole Creek					Sept.
	Oct.	May	June	July	Aug.	
1	1	*	2	3	1	0
2	2	*	2	3	1	0
3	2	*	2	0	2	0
4	2	*	2	0	2	0
5	2	*	0	0	2	0
6	2	*	0	1	2	1
7	3	*	0	3	1	1
8	3	*	0	3	1	1
9	3	*	0	3	1	1
10	2	*	0	2	1	1
11	0	*	0	2	1	1
12	0	*	0	3	1	0
13	0	*	0	0	1	0
14	0	*	0	0	1	0
15	0	*	0	2	0	0
16	0	*	0	2	0	0
17	0	*	0	0	0	0
18	0	*	2	0	0	0
19	0	*	2	0	1	0
20	0	*	2	0	1	0
21	0	*	0	0	0	0
22	0	1	0	0	1	0
23	0	0	2	2	0	1
24	0	1	2	2	0	1
25	0	1	2	2	0	1
26	0	1	0	1	0	1
27	0	1	0	1	0	2
28	0	0	2	1	0	2
29	0	0	2	1	0	2
30	0	2	2	2	1	2
31	0	1	..	2	0	..
Mean	0.6	0.2	0.9	1.3	0.7	0.6
Max.	3.0	2.0	2.0	3.0	2.0	2.0
Min.	.0	.0	.0	.0	.0	.0
A. F.	44.0	16.0	52.0	81.0	44.0	36.0

Acres Reported
 A-724 No report filed
 A-89TR 9
 D-342 80
 D-344 30

Total 119
 Area reported 119 acres.
 Water diverted 273 A. F.
 Per acre 2.29 A. F.

*No record.

BARBER CANAL

Date	Diverted from Clear Creek				Aug.	Sept.
	Oct.	Apr.	May	June		
1	5	11	4	7	7	8
2	5	11	0	8	7	8
3	5	11	4	8	7	8
4	5	11	4	8	7	7
5	5	11	4	7	8	7
6	5	10	4	6	8	7
7	5	10	4	6	7	7
8	5	10	4	6	8	7
9	5	10	0	0	7	6
10	5	10	0	0	7	6
11	5	7	0	0	6	6
12	5	7	0	3	6	6
13	5	7	0	3	0	6
14	5	7	0	4	9	5
15	5	7	0	4	8	5
16	5	6	0	4	9	5
17	5	6	0	4	9	3
18	5	6	5	4	9	0
19	5	5	5	4	9	0
20	5	4	5	4	9	0
21	5	4	5	6	9	8
22	5	4	5	8	8	8
23	5	4	5	8	5	8
24	0	4	5	5	9	8
25	0	4	5	5	8	10
26	0	4	6	6	8	11
27	0	4	7	5	9	11
28	0	4	7	5	8	10
29	0	4	7	6	8	10
30	0	4	7	5	8	10
31	0	..	8	..	9	10
Mean	3.7	9	4	5	8	7
Max.	5.0	11	8	8	9	11
Min.	.0	4	0	0	0	0
A. F.	*228.0	*411	218	290	468	418
Area reported 739 acres.				Acres Reported		
Water diverted 2574 A. F.				D-754 659		
Per acre 3.48 A. F.				A-1111 80		
*Estimated.				Total 739		

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

BEERLINE CANAL Diverted from North Platte River and Pathfinder Reservoir						BELMONT CANAL Diverted from North Platte River						
Date	Oct.	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	0	0	6	15	2	1	0	34	99	158	158	197
2	0	0	0	13	1	1	0	32	97	159	163	111
3	0	0	0	12	1	1	0	38	94	159	142	124
4	0	0	0	14	1	0	0	42	91	159	141	126
5	0	0	0	14	1	0	0	42	84	155	126	97
6	0	0	0	9	4	0	0	42	79	159	145	111
7	9	0	0	2	4	0	0	42	72	147	147	102
8	9	0	0	0	3	0	0	42	57	147	150	79
9	9	0	0	0	3	0	0	42	55	153	153	64
10	9	0	0	0	4	0	0	94	48	145	158	44
11	9	0	0	8	3	0	0	74	55	153	213	0
12	9	0	0	16	2	1	0	69	55	147	197	82
13	9	0	0	17	2	1	0	86	55	155	168	32
14	9	0	0	13	2	1	0	94	57	153	163	23
15	9	0	5	12	12	1	0	94	55	153	173	17
16	9	0	2	16	2	1	0	96	57	150	173	52
17	9	0	6	17	5	1	29	94	79	129	173	46
18	9	0	8	7	9	1	26	84	109	131	155	48
19	9	0	6	13	12	1	34	74	124	145	136	65
20	9	0	6	15	8	1	30	99	106	137	155	84
21	9	0	8	15	2	0	26	72	109	137	150	86
22	9	0	10	14	2	0	23	62	111	129	153	109
23	9	0	9	14	2	0	16	50	114	132	147	126
24	9	14	11	11	2	1	27	38	132	129	119	114
25	9	18	12	9	2	5	21	38	150	134	142	104
26	0	13	14	10	2	8	30	50	114	168	147	94
27	0	13	12	9	1	8	30	64	114	166	145	99
28	0	17	12	10	1	2	30	106	139	150	145	89
29	0	19	11	9	1	0	32	107	125	140	142	89
30	0	20	12	8	1	0	34	106	124	129	139	84
31	0	11	..	4	1	..	..	104	..	140	139	..
Mean	6	4	5	11	3	1	13	68	92	146	154	80
Max.	9	20	14	17	12	8	34	107	150	168	213	126
Min.	0	0	0	0	1	0	0	32	48	129	119	0
A. F.	*339	248	298	647	175	71	770	4187	5474	8949	9435	4776

Area reported 2093 acres.

Water diverted, including storage, 1778 A. F.

Per acre 0.85 A. F.

Storage diverted 240 A. F. Acreage Reported

*Estimated.

D-887 2093

Water diverted 33591 A. F.

BELMONT FEEDER

Diverted from Cedar Creek

Date	April	May	June	July	Aug.	Sept.
1	0	0	9	8	6	10
2	0	0	9	5	7	10
3	0	0	8	8	7	11
4	0	0	9	8	7	11
5	0	0	9	8	7	11
6	0	0	10	10	7	11
7	0	0	9	11	7	0
8	0	7	10	11	7	0
9	0	7	10	11	7	0
10	0	7	9	10	7	0
11	0	10	9	10	7	0
12	0	10	9	10	7	0
13	0	10	8	14	10	0
14	0	10	8	10	10	0
15	0	10	9	10	10	0
16	0	10	9	10	10	0
17	0	10	8	10	10	0
18	0	9	8	10	10	9
19	0	7	8	10	10	9
20	0	7	8	11	10	9
21	0	7	8	11	10	9
22	0	7	8	11	9	9
23	0	7	7	11	9	9
24	0	7	8	11	10	3
25	0	8	8	11	7	0
26	0	8	8	11	8	0
27	0	8	9	10	10	0
28	0	8	9	11	10	0
29	0	9	8	3	10	0
30	0	9	8	3	10	0
31	..	9	..	7	10	..
Mean	0	6	9	10	9	4
Max.	0	10	10	11	10	11
Min.	0	0	8	3	6	0
A. F.	0	399	510	551	328	240

Water diverted 2268 A. F.

(See next page for summary in acre-feet of Belmont Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

BELMONT CANAL
SUMMARY IN ACRE-FEET

	April	May	June	July	Aug.	Sept.	Total	
Diverted from:—								
North Platte River	770	4187	5474	8949	9435	4776	33591	
Cedar Creek	0	399	510	591	528	240	2268	
Total diversion.....	770	4586	5984	9540	9963	5016	35859	
To Empire Canal.....	81	599	412	543	815	536	2987	
Net to Belmont Canal.....	689	3987	5571	8997	9148	4480	32872	
Area reported 14465 acres.							Acreage Reported	
Net diverted 32872 A. F.							D-828 (O. D.	
Per acre 2.27 A. F.							A-1397)	14465

Date	BICKEL CANAL							BIRD CAGE-QUINN CANAL						
	Diverted from Lodgepole Creek						Aug.	Sept.	Diverted from Pumpkinseed Creek					
Oct.	May	June	July	Aug.	Sept.	April			May	June	July	Aug.	Sept.	
1	1	*	2	2	1	1	*	0	0	0	0	0		
2	1	*	1	2	1	1	*	0	0	0	0	0		
3	1	*	1	2	2	1	*	0	0	0	0	0		
4	1	*	2	0	1	1	*	0	0	0	0	0		
5	2	*	0	0	1	1	*	0	0	0	0	0		
6	1	*	0	0	1	1	*	0	0	0	0	0		
7	1	*	0	0	1	1	*	0	0	1	0	0		
8	2	*	0	0	1	1	*	0	0	0	0	0		
9	2	*	0	0	1	1	*	0	0	0	0	0		
10	1	*	0	1	1	1	*	0	0	0	0	0		
11	0	*	0	1	1	1	*	0	0	0	0	0		
12	0	*	0	1	1	2	*	0	0	0	0	0		
13	0	*	0	1	0	1	*	0	0	0	0	0		
14	0	*	0	0	0	1	*	0	0	0	0	0		
15	0	*	0	0	0	1	*	0	0	0	0	0		
16	0	*	0	0	0	2	*	0	0	0	0	0		
17	0	*	0	0	0	1	*	1	0	0	0	0		
18	0	*	0	0	0	1	*	1	0	0	0	0		
19	0	*	0	1	0	0	1	1	0	0	0	0		
20	0	*	0	0	0	1	1	0	0	0	0	1		
21	0	*	1	1	0	1	0	0	1	0	0	1		
22	0	1	2	1	1	1	0	0	1	0	0	0		
23	0	1	2	1	1	2	0	0	0	0	0	0		
24	0	1	2	1	1	2	0	2	0	0	0	0		
25	0	1	2	1	1	2	0	0	0	0	0	0		
26	0	1	2	1	1	2	1	0	0	0	0	1		
27	0	1	2	1	1	2	0	0	0	0	0	0		
28	0	1	2	1	1	2	0	0	0	0	0	0		
29	0	1	2	1	0	2	0	0	0	0	0	0		
30	0	1	2	1	0	2	0	0	0	0	0	0		
31	0	1	..	1	1	..	..	0	..	..	0	..
Mean	0.4	0.3	0.8	0.7	0.7	1.3	0.1	0.2	0.1	0.1	0	0.1		
Max.	2.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	0	1.0		
Min.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0		
A. F.	26.0	20.0	49.0	44.0	42.0	77.0	6.0	10.0	4.0	2.0	0	6.0		
Area Reported 88 acres.							Acreage Reported	Water diverted 28 A. F.						
Water diverted 258 A. F.							A-719 65	* No record.						
Per acre 2.93 A. F.							D-347 23							
*No record.							—							
							Total	88						

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

BIRDWOOD CANAL

Date	Diverted from Birdwood Creek					
	Oct.	May	June	July	Aug.	Sept.
1	10	0	23	17	31	16
2	16	0	6	12	23	14
3	20	0	9	15	26	14
4	25	0	14	18	18	27
5	29	0	15	15	23	6
6	34	0	14	15	30	9
7	29	0	15	24	29	10
8	26	11	15	30	31	12
9	24	12	13	23	24	12
10	23	9	9	17	20	12
11	21	14	9	11	17	12
12	18	12	9	7	29	12
13	19	6	7	20	30	12
14	22	6	4	14	29	18
15	24	10	9	14	23	15
16	24	9	10	14	25	20
17	24	10	0	23	23	19
18	24	9	2	23	28	25
19	23	5	0	23	15	8
20	22	0	5	19	23	8
21	0	0	11	14	25	9
22	0	12	14	13	17	9
23	0	11	14	17	24	12
24	0	17	19	19	32	13
25	0	17	27	8	20	17
26	0	8	19	16	16	15
27	0	6	11	23	14	22
28	0	6	18	26	15	6
29	0	14	18	33	16	8
30	0	19	22	28	14	3
31	0	24	..	34	13	..
Mean	15	8	12	19	24	13
Max.	34	24	27	34	36	37
Min.	0	0	0	7	13	3
A. F. '906	490	716	1160	1474	803	

Acreage Reported

D-646 5328

Area reported 5328 acres.

Water diverted 5549 A. F.

Per acre 1.04 A. F.

BLUE CREEK CANAL

Diverted from Blue Creek and Crescent Lake—A-1575

Date	Diverted from Blue Creek and Crescent Lake—A-1575							
	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	40	45	*	42	36	37	34	28
2	40	0	*	44	36	38	35	0
3	40	0	*	49	29	40	36	10
4	40	0	*	44	16	30	37	20
5	40	0	*	42	0	19	35	18
6	41	0	*	41	0	39	34	0
7	41	0	*	40	0	37	33	0
8	41	0	*	40	5	37	38	0
9	41	0	*	42	5	38	39	0
10	41	0	*	42	5	41	39	0
11	42	0	*	32	5	38	38	0
12	42	0	*	28	6	29	39	0
13	42	0	*	29	6	24	0	0
14	42	0	*	27	2	22	0	4
15	42	0	*	19	7	21	38	0
16	43	0	40	41	5	25	39	19
17	43	0	40	36	10	23	42	19
18	43	0	40	32	14	27	6	7
19	43	0	40	34	13	36	0	7
20	43	0	40	36	25	36	0	6
21	44	0	40	28	35	36	36	6
22	44	0	40	27	39	35	38	6
23	44	0	41	27	39	33	36	13
24	44	0	40	30	39	22	37	34
25	44	0	0	38	40	21	0	34
26	44	0	0	40	45	25	0	34
27	44	0	0	41	40	27	17	34
28	44	0	43	36	39	37	36	35
29	44	0	43	34	42	41	34	34
30	44	0	40	38	37	45	33	34
31	44	..	..	40	..	43	28	..
Mean	42	1.5	16	36	27	32	28	14
Max.	44	45.0	43	49	45	45	39	35
Min.	40	0	0	19	0	19	0	0
A. F. †2606	189.0	966	2220	1230	1987	1713	817	

Area reported 2875 acres.

Water diverted 11628 A. F.

Per acre 4.04 A. F.

No storage diversions.

*No record.

†Estimated.

Acreage Reported

A-1154 30

D-795 339

D-785 2506

Total 2875

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	BOELUS POWER CANAL											
	Diverted from Middle Loop River											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	*	0	511	504	486	476	194	528
2	*	*	*	*	*	0	514	435	528	476	400	514
3	*	*	*	*	*	0	526	523	507	474	458	509
4	*	*	*	*	*	0	260	511	495	240	483	565
5	*	*	*	*	*	0	453	486	181	469	403	0
6	*	*	*	*	*	0	449	476	254	472	453	540
7	*	*	*	*	*	0	460	476	476	469	553	613
8	*	*	*	*	*	0	502	499	465	460	244	613
9	*	*	*	*	*	0	462	326	492	451	507	598
10	*	*	*	*	*	0	456	467	476	442	504	0
11	*	*	*	*	*	0	242	472	481	237	499	270
12	*	*	*	*	*	0	497	502	488	486	430	580
13	*	*	*	*	*	0	504	502	228	490	490	562
14	*	*	*	*	*	0	481	474	458	504	499	526
15	*	*	*	*	*	302	486	456	467	511	244	516
16	*	*	*	*	*	449	460	234	488	514	465	503
17	*	*	*	*	*	509	483	483	492	499	465	511
18	*	*	*	*	*	298	502	488	467	226	467	499
19	*	*	*	*	*	184	472	474	481	462	504	226
20	*	*	*	*	*	0	451	479	237	535	595	495
21	*	*	*	*	*	0	326	497	490	546	502	514
22	*	*	*	*	*	0	462	476	514	453	516	254
23	*	*	*	*	*	0	458	490	260	221	476	502
24	*	*	*	*	*	0	531	481	218	516	497	533
25	*	*	*	*	*	0	504	488	223	226	488	526
26	*	*	*	*	*	0	486	269	0	458	495	269
27	*	*	*	*	*	0	476	260	268	456	509	514
28	*	*	*	*	*	0	499	488	504	453	509	514
29	*	*	*	*	*	281	516	486	570	446	242	521
30	*	*	*	*	*	254	521	250	486	588	514	526
31	*	*	*	*	*	507	..	486	..	548	535	..
Mean	*	*	*	*	*	124	472	440	402	454	448	470
Max.	*	*	*	*	*	507	531	523	570	588	595	613
Min.	*	*	*	*	*	0	242	226	0	226	194	0
A. F.	*	*	*	*	*	7600	28100	27050	23890	27930	27550	27960

Water diverted 170080 A. F.

*No record.

Date	BOOTH CANAL, NORTH						
	Diverted from Lodgepole Creek						
	Oct.	April	May	June	July	Aug.	Sept.
1	0	0.0	3.4	0	0	0	0
2	0	.0	3.5	0	0	0	0
3	0	.0	3.8	0	0	0	0
4	0	.0	4.0	0	0	0	0
5	0	.0	3.8	0	0	0	0
6	0	.0	3.6	0	0	0	0
7	0	.5	3.6	0	0	0	0
8	0	2.3	3.4	0	0	0	0
9	0	2.3	2.9	0	0	0	0
10	0	2.2	3.8	0	0	0	0
11	0	2.5	4.4	0	0	0	0
12	0	4.5	4.3	0	0	0	0
13	0	6.5	4.3	0	0	0	0
14	0	2.4	3.1	0	0	0	0
15	0	4.5	4.6	0	0	0	0
16	0	5.0	4.0	0	0	0	0
17	0	6.5	2.9	0	0	0	0
18	0	5.0	2.4	0	0	0	0
19	0	3.6	2.3	0	0	0	0
20	0	3.5	2.7	0	0	0	0
21	0	2.8	2.7	0	0	0	0
22	0	2.3	2.7	0	0	0	0
23	0	2.5	.0	0	0	0	0
24	0	2.8	.0	0	0	0	0
25	0	2.8	.0	0	0	0	0
26	0	2.8	.0	0	0	0	0
27	0	2.7	.0	0	0	0	0
28	0	3.4	.0	0	0	0	0
29	0	3.5	.0	0	0	0	0
30	0	3.5	.0	0	0	0	0
31	0	..	.0	..	0	0	..
Mean	0	2.7	2.5	0	0	0	0
Max.	0	6.5	4.6	0	0	0	0
Min.	0	.0	.0	0	0	0	0
A. F.	0	159.0	151.0	0	0	0	0

Area reported 300 acres.

Water diverted 391 A. F.—total of both canals.

Per acre 1.30 A. F.

Acreage Reported

D-309-310 300

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

BOOTH CANAL, SOUTH						
Diverted from Lodgepole Creek						
Date	Oct.	May	June	July	Aug.	Sept.
1	0	0.0	1.9	0	0	0
2	0	.0	2.2	0	0	0
3	0	.0	2.2	0	0	0
4	0	.0	2.2	0	0	0
5	0	.0	2.2	0	0	0
6	0	.0	2.1	0	0	0
7	0	.0	2.1	0	0	0
8	0	.0	2.2	0	0	0
9	0	.0	3.0	0	0	0
10	0	.0	2.7	0	0	0
11	0	.0	2.2	0	0	0
12	0	.0	1.9	0	0	0
13	0	.0	1.8	0	0	0
14	0	.0	1.7	0	0	0
15	0	.0	.6	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	.5	.0	0	0	0
24	0	.2	.0	0	0	0
25	0	.2	.0	0	0	0
26	0	.3	.0	0	0	0
27	0	1.6	.0	0	0	0
28	0	2.0	.0	0	0	0
29	0	1.6	.0	0	0	0
30	0	1.8	.0	0	0	0
31	0	2.0	.0	0	0	0
Mean	0	0.3	1.0	0	0	0
Max.	0	2.0	3.0	0	0	0
Min.	0	.0	.0	0	0	0
A. F.	0	29.0	61.0	0	0	0

BROWNS CREEK CANAL

Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	23	29	0	15	83	71	68
2	37	39	0	14	82	76	66
3	29	14	0	13	82	79	62
4	29	12	0	12	81	79	64
5	37	0	0	12	83	82	69
6	45	0	25	12	82	78	60
7	53	0	21	39	81	73	28
8	56	0	22	50	85	63	23
9	54	0	28	30	87	57	23
10	48	0	21	26	87	56	16
11	49	0	16	24	86	54	0
12	50	0	28	12	87	54	0
13	50	0	30	0	85	57	0
14	46	0	28	0	76	48	0
15	45	0	21	30	59	49	0
16	45	0	22	44	59	49	38
17	41	0	25	38	66	53	50
18	36	0	18	33	69	70	52
19	35	0	21	36	76	78	50
20	36	0	25	33	86	80	46
21	37	0	20	46	87	77	48
22	33	0	28	66	87	75	52
23	27	0	26	70	87	81	49
24	27	0	22	70	87	81	56
25	26	0	29	83	87	78	56
26	24	0	35	75	86	73	56
27	24	0	30	78	86	63	60
28	22	0	32	86	83	63	60
29	21	0	40	85	77	63	62
30	21	0	43	85	74	68	62
31	21	0	44	..	76	69	..
Mean	41	3	23	41	81	68	43
Max.	56	30	44	86	87	82	69
Min.	21	0	0	0	59	48	0
A. F.	2235	151	1388	2414	4957	4159	2531

Water diverted 17835 A. F.

(See next page for summary in acre-feet of Browns Creek Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

BROWNS CREEK CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	2235	151	1388	2414	4957	4159	2531	17835
Waste to Lower Dugout Creek.....	*	*	0	0	30	28	109	167
Net diverted	2235	151	1388	2414	4927	4131	2422	17668

Area reported 6144 acres.

Net diverted 17668 A. F.

Per acre 2.88 A. F.

No storage diversions.

*No record.

Acreage Reported

D-857-1033 6144

CASTLE ROCK CANAL

Diverted from North Platte River

Date	Oct.	May	June	July	Aug.	Sept.
1	44	0	35	79	88	73
2	41	0	37	76	84	74
3	31	0	29	71	85	72
4	31	0	39	73	80	75
5	30	50	25	80	80	73
6	26	43	16	79	79	75
7	24	47	13	72	78	76
8	17	46	10	80	80	76
9	10	47	15	82	77	62
10	11	47	16	78	77	50
11	11	48	12	85	77	45
12	11	52	7	80	72	42
13	11	56	9	72	81	39
14	6	56	26	85	82	38
15	0	58	26	85	90	38
16	0	68	26	74	86	37
17	0	68	36	83	87	36
18	0	50	65	96	87	36
19	0	55	67	99	81	37
20	0	47	78	98	82	54
21	0	46	97	92	74	55
22	0	61	91	85	71	50
23	0	68	80	81	71	44
24	0	92	92	78	73	46
25	0	95	94	69	85	45
26	0	108	74	95	77	42
27	0	120	69	81	80	47
28	0	92	69	80	83	56
29	0	106	75	71	73	55
30	0	31	81	75	73	56
31	0	35	..	88	69	..
Mean	10	55	47	81	79	53
Max.	44	120	97	99	90	76
Min.	0	0	7	71	69	36
A. F.	603	3262	2794	5002	4883	3182

Area reported 6068 acres. Acreage Reported

Water diverted 19826 A. F. D-921 6068

Per acre 3.27 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

CENTRAL CANAL
Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	April	May	June	July	Aug.	Sept.
1	10	0	28	31	29	32	33
2	20	0	15	5	33	32	33
3	8	0	13	0	33	33	25
4	7	0	18	0	37	24	24
5	0	0	30	0	38	22	25
6	0	0	26	0	34	20	33
7	0	0	21	0	31	26	35
8	0	0	20	0	31	35	21
9	0	0	17	0	28	27	16
10	0	0	17	0	32	29	5
11	0	0	19	0	36	29	0
12	0	0	0	0	34	37	0
13	0	0	0	0	33	36	0
14	0	0	5	0	21	31	0
15	0	25	0	0	46	25	0
16	0	25	6	0	33	24	0
17	0	27	18	0	38	25	0
18	0	29	20	0	35	32	0
19	0	28	14	0	35	38	0
20	0	22	12	0	35	37	25
21	0	20	19	17	36	33	26
22	0	23	25	28	35	33	18
23	0	31	26	39	40	28	19
24	0	34	33	44	40	33	17
25	0	35	34	37	34	37	19
26	0	27	43	31	32	31	25
27	0	23	29	33	31	33	15
28	0	28	28	26	24	32	10
29	0	22	28	30	35	30	14
30	0	22	32	33	34	27	15
31	0	..	33	..	31	31	..
Mean	1	14	20	12	34	30	15
Max.	20	35	43	44	46	38	35
Min.	0	0	0	0	21	20	0
A. F.	89	835	1230	702	2071	1868	899

Water diverted 7694 A. F.

CENTRAL CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River....	89	835	1230	702	2071	1868	899	7694
Waste	*	*	145	129	400	79	52	865
Net diverted	89	835	1085	573	1611	1789	847	6829

Area reported 2255 acres.

Net diverted 6829 A. F.

Per acre 3.03 A. F.

No storage diversions.

*No record.

Acreage Reported
D-926 2255

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

CHIMNEY ROCK CANAL
Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	37	0	32	41	54	33
2	35	0	40	39	51	39
3	33	0	38	37	57	37
4	32	0	38	39	58	28
5	30	0	41	48	53	24
6	28	0	37	47	54	25
7	26	16	40	64	47	15
8	24	16	41	63	39	10
9	23	27	37	58	57	24
10	22	18	36	58	64	18
11	20	15	30	57	66	12
12	18	15	29	57	64	11
13	16	20	22	58	63	17
14	14	21	17	51	61	18
15	12	21	26	58	63	18
16	10	18	27	35	63	22
17	10	20	31	39	57	16
18	10	26	34	39	45	18
19	10	28	36	49	43	13
20	10	32	45	56	49	24
21	5	37	48	54	49	27
22	5	45	56	50	39	27
23	5	45	61	60	46	32
24	5	56	63	46	46	32
25	5	56	67	23	51	26
26	0	54	64	36	50	28
27	0	48	50	54	46	27
28	0	48	57	51	43	23
29	0	47	53	54	29	23
30	0	43	45	51	30	22
31	0	36	..	60	34	..
Mean	14	26	41	49	51	23
Max.	37	56	67	64	66	39
Min.	0	0	17	35	29	10
A. F. *883	1603	2462	3039	3116	1367	
Water diverted	12470	A. F.				

*Estimated.

CHIMNEY ROCK CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	883	1603	2462	3039	3116	1367	12470
Wasted into:—							
Chimney Rock Waste No. 1.....	*	*	69	50	115	95	329
Chimney Rock Waste No. 2.....	*	*	54	101	40	97	292
Total wastes	*	*	123	151	155	192	621
Net diversions	883	1603	2339	2888	2961	1175	11849
Acreage reported 5628 acres.							
Net diverted 11849 A. F.							
Per acre 2.10 A. F.							
No storage diversions.							
*No record.							
†Estimated.							
						Total	5628

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	CLEAR CREEK CANAL Diverted from Clear Creek						CODY-DILLON CANAL Diverted from North Platte River				
	April	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	*	3	0	0	3	1	0	33	24	25	17
2	*	3	0	0	3	1	0	22	28	26	16
3	*	3	0	0	3	1	0	20	21	21	16
4	*	3	0	0	3	2	0	22	22	27	20
5	*	3	0	0	3	2	0	23	26	22	22
6	*	3	0	0	3	2	0	20	27	27	25
7	*	3	0	2	3	2	0	6	20	27	18
8	*	3	0	2	3	2	0	0	23	28	19
9	*	3	0	1	3	3	0	0	36	21	13
10	0	3	0	1	3	0	0	0	33	28	22
11	3	3	0	3	3	0	0	0	37	34	22
12	3	4	0	4	3	2	15	0	37	28	18
13	3	4	0	0	3	2	34	0	43	31	16
14	3	4	0	0	3	2	41	0	51	30	14
15	3	4	0	0	3	2	42	0	55	28	13
16	3	4	0	0	3	2	42	0	54	26	11
17	3	4	0	0	3	2	41	0	52	40	9
18	3	2	0	0	3	0	40	0	38	36	22
19	3	4	0	0	3	0	41	22	27	33	24
20	3	4	0	0	3	0	35	22	24	41	20
21	3	4	0	0	3	0	36	22	25	33	17
22	3	4	0	1	3	1	36	31	28	28	17
23	3	4	0	3	3	0	30	27	22	27	16
24	3	4	4	0	3	0	35	25	23	25	18
25	3	4	4	3	0	2	39	26	23	44	23
26	3	0	4	3	0	2	38	43	21	41	24
27	3	0	4	3	0	2	42	41	22	32	23
28	0	0	4	3	3	2	32	29	34	33	24
29	0	0	4	3	3	2	21	27	31	31	24
30	3	0	4	3	1	2	31	22	25	27	18
31	..	0	..	3	1	..	31	..	28	22	..
Mean	1.8	2.8	0.9	1.2	2.6	1.3	23	16	31	30	18
Max.	3.0	4.0	4.0	4.0	3.0	3.0	42	43	55	44	25
Min.	.0	.0	.0	.0	.0	.0	0	0	20	21	9
A. F.	197.0	173.0	56.0	75.0	159.0	81.0	1392	958	1904	1829	1113
Area reported	200 acres.					Acreage Reported	Water diverted 7196 A. F.				
Water diverted	651 A. F.					D-748	200				
Per acre	3.25 A. F.										
*No record.											

CODY-DILLON CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	0	1392	958	1904	1829	1113	7196
Wasted into North Platte Canal Wasteway..	0	73	121	188	30	125	537
Net diversion	0	1319	837	1716	1799	988	6659
Area reported	4823 acres.					Acreage Reported	
Net diverted	6659 A. F.					D-649	4823
Per acre	1.38 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

COLUMBUS POWER DIVERSION—A-2287

Weir Measurements—Sec. 28-17-4 W.

Year Ending September 30, 1937

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	129	50	65	120	130	180	200	470	510
2	0	0	0	90	75	40	90	120	130	180	200	360
3	0	0	0	90	50	40	80	130	130	180	230	360
4	0	0	0	90	30	100	90	140	130	200	240	320
5	0	0	0	90	65	130	90	140	120	200	240	330
6	0	0	0	90	150	90	90	120	120	180	250	320
7	0	0	0	95	235	90	90	140	130	200	260	320
8	0	0	0	90	245	70	90	130	120	180	280	330
9	0	0	0	90	300	70	100	120	120	200	280	320
10	0	0	0	90	300	70	110	120	120	190	270	260
11	0	0	0	90	330	60	100	120	120	190	330	280
12	0	0	0	90	300	60	120	120	120	200	330	270
13	0	0	0	90	100	60	120	120	120	200	410	260
14	0	0	0	150	60	90	120	120	130	200	400	270
15	0	0	0	150	60	90	120	130	120	200	470	260
16	0	0	0	160	120	90	120	130	130	200	470	260
17	0	0	0	150	90	90	120	130	140	200	470	260
18	0	0	0	120	80	90	120	130	140	200	470	260
19	0	0	0	140	80	100	120	130	140	200	470	270
20	0	0	0	160	145	120	120	130	140	200	470	270
21	0	0	0	70	90	130	140	120	140	200	470	260
22	0	0	0	50	75	120	140	120	140	200	470	260
23	0	0	0	70	75	80	120	120	150	200	470	260
24	0	0	0	60	75	80	120	120	150	200	470	260
25	0	0	0	60	80	80	120	130	150	200	470	290
26	0	0	0	60	70	70	120	130	150	200	470	310
27	0	0	0	70	60	80	120	130	150	200	470	350
28	0	0	0	90	60	80	120	130	150	200	470	120
29	0	0	0	120	60	..	120	130	150	200	470	120
30	0	0	0	70	60	..	120	130	160	200	470	280
31	0	0	..	90	40	..	120	..	160	..	440	280
Mean	0	0	0	97	119	84	111	127	139	196	383	352
Max.	0	0	0	160	330	130	140	140	200	200	470	510
Min.	0	0	0	0	30	40	60	120	120	180	200	260
A. F.	0	0	0	5802	7299	4641	6802	7517	8529	11662	23564	22598

Total acre-feet 11962.

COURT HOUSE ROCK CANAL
Diverted from Pumpkinsced Creek

Date	Oct.	Nov.	Dec.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	8	17	0	12	15	17	9	11	7
2	8	8	17	0	12	15	17	9	11	7
3	6	8	17	0	12	14	19	9	11	7
4	6	8	17	0	12	14	24	9	11	7
5	7	8	17	0	12	14	23	8	10	8
6	7	9	18	0	12	14	0	8	10	9
7	8	9	18	0	12	14	0	7	9	12
8	7	9	18	0	12	14	0	7	8	9
9	7	9	18	0	12	15	0	9	8	9
10	7	9	18	0	12	17	0	11	8	10
11	7	10	18	0	12	17	0	12	8	8
12	7	10	18	0	12	17	0	13	9	7
13	7	10	18	0	12	17	0	15	8	7
14	7	10	18	0	12	16	0	15	9	7
15	7	10	18	0	12	16	0	13	8	7
16	7	12	0	0	12	15	0	13	8	7
17	7	12	0	0	12	15	0	12	9	7
18	7	12	0	2	12	16	0	13	9	7
19	7	12	0	2	12	17	0	12	9	7
20	7	12	0	2	12	17	0	13	8	7
21	7	15	0	2	13	15	0	12	7	7
22	7	15	0	2	13	14	0	10	7	7
23	7	15	0	2	13	14	0	10	7	7
24	7	15	0	2	13	19	0	11	7	7
25	7	15	0	2	13	19	0	11	7	7
26	7	16	0	12	13	15	0	11	6	7
27	7	16	0	12	13	14	0	10	6	7
28	7	16	0	12	14	14	0	11	7	7
29	7	16	0	12	13	14	0	11	8	7
30	7	16	0	12	15	17	9	10	7	8
31	7	..	0	12	..	17	..	10	7	..
Mean	7	12	9	3	13	15	4	11	8	8
Max.	8	16	18	12	15	19	24	15	11	12
Min.	6	8	0	0	12	13	0	7	6	7
A. F.	432	694	526	175	743	938	216	662	512	450
Area reported	1394 acres.									
Water diverted	5348 A. F.									
Per acre	3.84 A. F.									
Acreage Reported									1394	
D-840-1038									1394	
A-851									30	
Total										1394

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

COZAD CANAL									
Date	Diverted from Platte River and Sutherland Reservoir								
	Oct.	Nov.	April	May	June	July	Aug.	Sept.	
1	0	199	0	94	81	39	0	0	
2	0	150	0	107	53	32	0	0	
3	0	100	0	106	31	0	0	0	
4	0	0	0	111	27	0	77	0	
5	0	69	0	110	24	0	210	0	
6	0	114	0	112	22	0	0	0	
7	0	118	0	112	27	0	0	69	
8	0	116	0	110	28	0	0	54	
9	0	113	0	106	28	0	0	87	
10	0	111	0	106	27	0	0	93	
11	23	121	0	99	28	0	0	108	
12	159	164	0	92	27	0	0	106	
13	175	192	0	97	28	0	0	97	
14	154	199	0	96	30	0	0	101	
15	194	170	0	82	31	0	0	92	
16	220	145	0	83	35	0	0	93	
17	222	155	0	108	37	0	0	96	
18	224	170	0	102	31	0	0	113	
19	233	182	0	91	28	0	0	82	
20	240	122	0	84	33	0	0	103	
21	236	116	0	65	41	0	0	101	
22	256	117	0	79	62	54	0	107	
23	238	0	84	71	110	198	0	104	
24	232	0	66	81	134	203	0	108	
25	230	0	47	91	120	200	0	94	
26	216	0	68	59	110	190	0	112	
27	209	0	104	84	68	73	0	120	
28	202	0	109	84	62	28	0	117	
29	197	0	122	66	40	0	0	99	
30	200	0	118	65	38	0	0	108	
31	202	—	—	62	—	0	0	—	
Mean	138	98	24	91	48	33	9	79	
Max.	256	199	122	112	134	203	210	120	
Min.	0	0	0	62	22	0	0	0	
A. F.	8474	5837	1424	5584	2858	2019	569	4689	
Water diverted 31454 A. F.									

COZAD CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from Platte River.....	8474	5837	1424	5584	2858	2019	569	4689	31454
Wasted into Dawson Canal.....	60	83	186	1023	424	0	0	351	2127
Net diverted.....	8414	5754	1238	4561	2434	2019	569	4338	29327
Area reported 31845 acres.									
Net diverted 29327 A. F.									
Per acre 0.92 A. F.									
No storage diversions.									
	Acreage Reported								
	D-626							31845	
	A-2050							No report filed	
	A-2056							No report filed	

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

CULBERTSON CANAL

Diverted from Frenchman River
and Stinking Water Creek

Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	80	78	0	94	79	75	104	81
2	75	64	0	99	46	80	79	84
3	79	48	0	99	34	82	98	84
4	70	64	0	100	28	84	95	88
5	71	70	0	99	28	77	95	85
6	74	78	0	98	28	75	98	86
7	74	80	0	90	26	71	100	87
8	73	14	0	87	30	78	90	85
9	72	0	0	82	30	76	86	85
10	72	0	0	81	31	82	79	91
11	75	0	0	78	33	81	81	88
12	73	0	0	75	34	83	76	85
13	71	0	0	74	32	82	89	82
14	71	0	0	59	37	82	95	81
15	69	0	0	60	49	85	95	80
16	71	0	0	70	46	82	95	80
17	71	0	0	79	10	79	93	77
18	72	0	0	85	8	77	83	74
19	72	0	0	87	27	81	88	73
20	79	0	74	85	44	92	89	73
21	79	0	74	83	63	104	86	74
22	77	0	79	85	79	102	83	73
23	81	0	79	85	85	100	83	73
24	83	0	83	83	98	89	83	75
25	83	0	85	83	88	104	77	75
26	77	0	86	84	64	105	79	75
27	75	0	86	85	73	94	86	76
28	74	0	88	85	75	83	80	80
29	74	0	96	84	76	89	81	81
30	75	0	95	87	75	88	87	80
31	77	—	—	83	—	100	89	—
Mean	75	16	31	84	48	86	88	80
Max.	83	80	96	100	98	104	104	91
Min.	69	0	0	59	8	71	76	73
A.F.	4602	984	1835	5173	2890	5280	5395	4782
Area reported	9370 acres.							
Water diverted	30941 A. F.							
Per acre	3.30 A. F.							
	Acreage Reported D-24-25-29-30 9370							

DAWSON COUNTY CANAL

Diverted from Platte River and Sutherland Reservoir

Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	52	369	*	170	78	87	265	139
2	37	352	*	191	213	104	201	88
3	32	170	*	198	184	49	229	53
4	7	287	*	191	168	79	305	84
5	164	161	*	191	139	92	179	132
6	253	127	*	172	136	70	275	149
7	301	259	*	172	114	111	272	146
8	316	206	*	162	108	115	233	240
9	323	227	*	151	101	31	173	299
10	400	369	79	165	110	31	136	297
11	435	163	80	193	108	20	99	236
12	380	183	80	181	108	7	71	249
13	333	227	80	176	104	14	109	195
14	362	250	80	181	106	46	114	247
15	341	275	80	162	102	44	70	228
16	333	297	80	152	105	36	33	245
17	339	195	80	149	118	99	13	241
18	388	186	80	143	111	118	7	245
19	374	158	80	125	105	149	3	247
20	337	160	91	110	124	160	6	261
21	447	163	110	99	132	210	18	265
22	456	165	128	134	122	236	25	176
23	463	167	138	128	131	333	3	108
24	455	170	135	84	88	252	0	55
25	520	105	171	52	43	285	0	105
26	505	43	144	171	97	261	0	92
27	412	63	207	111	131	397	0	111
28	381	0	163	111	171	330	55	119
29	350	0	173	119	173	318	78	131
30	90	0	179	84	105	256	152	105
31	369	—	—	55	—	249	179	—
Mean	320	183	81	144	121	148	107	176
Max.	520	369	207	198	213	397	305	299
Min.	7	0	0	52	43	7	0	53
A.F.	19726	10913	4826	8892	7210	9102	6551	10489
Water diverted	77719 A. F.							
*No record.								

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

DAWSON COUNTY CANAL									
Date	Oct.	Diverted from							
		Nov.	April	May	June	July	Aug.	Sept.	Waste
1	0	4	*	16	18	0	0	0	0
2	0	2	*	22	24	0	0	0	0
3	0	0	*	16	6	0	0	0	0
4	0	0	*	16	0	0	0	0	0
5	0	2	*	16	0	0	0	0	0
6	0	2	*	19	0	0	0	0	0
7	0	2	*	17	0	0	0	0	0
8	0	2	*	19	0	0	0	0	0
9	0	2	*	19	0	0	0	0	0
10	0	2	*	19	6	0	0	0	0
11	0	2	*	19	2	0	0	0	0
12	0	2	*	15	6	0	0	0	0
13	0	2	*	21	5	0	0	0	1
14	0	2	*	22	0	0	0	0	10
15	1	2	*	21	5	0	0	0	12
16	2	2	*	19	10	0	0	0	10
17	2	2	*	21	11	0	0	0	5
18	2	2	*	21	5	0	0	0	7
19	2	2	*	19	0	0	0	0	6
20	2	2	0	13	0	0	0	0	7
21	1	1	0	16	7	0	0	0	7
22	1	1	0	17	13	0	0	0	5
23	2	0	0	9	0	0	0	0	0
24	2	0	0	10	20	0	0	0	15
25	2	0	9	11	17	0	0	0	7
26	2	0	8	1	20	0	0	0	16
27	2	0	18	18	19	0	0	0	22
28	2	0	19	16	11	0	0	0	22
29	2	0	17	14	9	0	0	0	12
30	2	0	23	17	0	0	0	0	13
31	1	—	—	17	—	0	0	0	—
Mean	1	1	3	17	7	0	0	0	6
Max.	2	4	23	22	24	0	0	0	22
Min.	0	0	0	1	0	0	0	0	0
A. F.	160	183	186	1023	424	0	0	0	351

Water diverted 2127 A. F.

*No record.

†Estimated.

DAWSON COUNTY CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	April	May	June	July	Aug.	Sept.	Total
Diverted from:—									
Platte River	19726	10913	4836	8892	7210	9102	6551	10489	77719
Cozad Tail Waste.....	60	83	186	1023	424	0	0	351	2127
Total diversion	19786	10996	5022	9915	7634	9102	6551	10840	79846
Wasted into:—									
French Creek	*	*	89	414	422	59	26	254	1264
Buffalo Creek	*	*	34	97	93	14	4	109	351
Elm Creek	*	*	38	355	644	20	22	6	1085
Total Waste	*	*	161	866	1159	93	52	369	2700
Net diverted	19785	10996	4861	9049	6475	9009	6499	10471	77146

Area reported 103265 acres.

Net diverted 77146 A. F.

Per acre 0.74 A. F.

No storage diversions.

*No record.

Acreage Reported	Reported
D-621R	70
D-622	77778
D-624R	2800
D-624R	160
D-624R	80
A-2039	5240
A-2093	213
A-2110	15359
A-2145	995
A-2262	570
Total	103265

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued
ELM CREEK CANAL

Diverted from Platte River, Strevor Creek, and Sutherland Reservoir											
Date	Oct.	Nov.	Dec.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	62	0	0	20	58	10	15	0	0
2	0	0	60	0	0	20	55	13	5	0	0
3	0	0	60	0	0	20	63	18	1	0	0
4	0	0	60	0	0	24	67	29	0	0	0
5	0	0	60	0	0	27	50	4	0	0	0
6	0	0	60	0	0	30	50	1	0	0	0
7	0	0	60	0	0	34	46	0	2	0	0
8	0	30	60	0	100	34	53	0	2	0	0
9	0	67	60	0	90	35	49	4	2	0	0
10	0	87	60	0	80	35	38	3	1	0	0
11	0	105	55	0	70	35	35	3	1	0	5
12	0	101	50	0	60	38	35	3	1	0	5
13	0	98	45	0	51	36	37	1	1	0	11
14	0	94	40	0	50	37	33	1	0	0	95
15	0	91	35	0	0	37	37	1	0	0	24
16	0	87	30	0	0	37	32	0	0	0	24
17	0	84	29	0	0	38	27	0	0	0	28
18	0	55	21	0	20	38	23	1	0	0	26
19	0	0	14	0	20	29	15	1	0	0	12
20	0	0	7	0	20	29	15	0	0	0	22
21	0	0	0	0	20	27	12	0	0	0	27
22	*	0	0	0	20	28	14	0	0	0	11
23	*	0	0	0	55	67	10	0	0	0	4
24	*	0	0	0	20	98	9	0	0	0	2
25	*	0	10	0	0	68	1	0	0	0	0
26	*	10	20	0	0	77	0	4	0	0	0
27	*	23	30	0	0	91	24	0	0	0	0
28	25	39	30	0	0	68	24	7	0	0	0
29	7	55	30	---	0	61	15	25	0	0	0
30	0	72	30	---	20	60	14	23	0	0	0
31	0	---	30	---	20	---	13	---	0	0	---
Mean	1	37	36	0	24	43	31	5	1	0	10
Max.	25	105	62	0	100	98	67	29	15	0	95
Min.	0	0	0	0	0	20	0	0	0	0	0
A. F.	†63	†2178	†2198	0	†1440	2571	1892	321	61	0	587

A-2104—No acreage report filed.

Water diverted 11311 A. F.

No storage diversions.

*No record. †Estimated.

EMPIRE CANAL

Diverted from North Platte River						
Date	Apr.	May	June	July	Aug.	Sept.
1	0	4	2	16	11	12
2	0	4	0	8	11	9
3	0	4	0	7	10	15
4	0	4	0	7	15	18
5	0	5	0	0	17	12
6	0	5	0	0	18	8
7	0	5	0	4	18	8
8	0	5	0	8	20	4
9	0	5	0	10	20	1
10	0	12	0	20	20	0
11	0	14	0	16	31	0
12	0	12	0	7	19	0
13	0	12	0	2	11	0
14	0	13	0	1	9	0
15	0	12	0	7	10	0
16	0	12	0	11	22	6
17	0	12	9	9	27	6
18	0	11	15	6	14	6
19	3	7	16	8	8	10
20	4	7	16	9	8	16
21	8	6	17	8	10	16
22	3	7	18	7	8	16
23	2	6	21	13	4	16
24	3	7	21	14	5	16
25	1	9	17	15	6	16
26	3	10	10	15	7	16
27	4	12	4	15	7	13
28	2	19	11	6	7	11
29	4	24	16	7	9	10
30	4	23	15	8	15	9
31	---	14	---	10	14	---
Mean	1.2	10	7	9	13	9
Max.	5.0	24	21	20	31	18
Min.	.0	4	0	0	4	0
A. F.	81.0	599	413	543	815	536

Area reported 1780 acres.

Water Diverted 2987 A. F.

Per acre 1.68 A. F.

Acreage Reported

D-858 1705

A-866 75

ENTERPRISE CANAL

Diverted from North Platte River						
Date	Oct.	May	June	July	Aug.	Sept.
1	56	0	64	82	47	88
2	44	0	57	80	48	94
3	43	0	54	83	50	87
4	40	0	52	86	45	86
5	38	0	49	89	49	88
6	38	0	37	94	55	91
7	38	0	38	91	71	91
8	35	0	39	80	81	101
9	35	0	43	80	41	88
10	20	0	39	84	41	87
11	15	0	34	84	41	67
12	10	0	32	75	41	61
13	5	0	43	107	41	62
14	5	0	37	64	29	61
15	5	0	45	81	37	60
16	5	0	55	61	43	60
17	5	0	56	57	67	62
18	5	0	68	63	88	62
19	5	61	90	59	67	67
20	5	69	90	60	79	73
21	0	75	90	68	78	76
22	0	78	86	70	79	76
23	0	85	85	77	84	69
24	0	91	91	80	83	64
25	0	89	98	82	80	70
26	0	80	99	72	85	72
27	0	91	93	70	87	71
28	0	87	89	67	88	66
29	0	87	87	45	85	71
30	0	82	86	50	88	74
31	0	68	---	56	94	---
Mean	15	34	63	74	65	75
Max.	56	91	99	107	94	101
Min.	0	0	32	45	41	60
A. F.	897	2069	3753	4556	3977	4453

Water diverted 19705 A. F.

Total 1780

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

ENTERPRISE CANAL Diverted from Morrill and Stewart Drains						
Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	1	1	2	4
2	0	0	1	1	2	4
3	0	0	1	1	2	4
4	0	0	1	1	2	4
5	0	0	1	1	2	4
6	0	0	1	1	2	4
7	0	0	1	1	2	4
8	0	0	1	1	2	4
9	0	0	1	1	2	4
10	0	0	1	1	2	4
11	0	0	1	1	2	4
12	0	0	1	1	2	4
13	0	0	1	1	2	4
14	0	0	1	1	2	4
15	0	0	1	1	2	4
16	0	0	1	1	2	4
17	0	0	1	1	2	4
18	0	0	1	1	2	4
19	0	0	1	1	2	4
20	0	1	1	1	5	4
21	0	1	1	1	5	4
22	0	1	1	1	5	4
23	0	1	1	1	5	4
24	0	1	1	1	5	4
25	0	1	1	1	5	5
26	0	1	1	1	5	5
27	0	1	1	1	4	5
28	0	1	1	1	4	5
29	0	1	1	1	4	5
30	0	1	1	1	4	5
31	0	1	1	1	4	---
Mean	0.3	---	---	---	3	4
Max.	3	1.0	1	1	5	5
Min.	0	0	1	1	2	4
A. F.	67	24.0	60	123	206	250

Water diverted 739 A. F.

ENTERPRISE CANAL Diverted from Wet Spotted Tail Creek						
Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	6	9	10	11
2	0	0	6	9	10	11
3	0	0	6	9	10	11
4	0	0	6	9	10	11
5	0	0	6	9	10	11
6	0	0	6	9	10	11
7	0	0	6	9	10	11
8	0	0	6	9	10	11
9	0	0	6	9	10	11
10	0	0	6	9	10	10
11	0	0	6	10	10	10
12	0	0	6	10	10	10
13	0	0	6	10	10	10
14	0	0	6	10	10	10
15	0	0	6	10	10	10
16	0	0	7	11	11	10
17	0	0	7	11	11	10
18	0	0	7	11	11	10
19	0	0	7	11	11	10
20	0	1	7	11	11	10
21	0	1	7	11	11	10
22	0	1	8	10	11	10
23	0	1	8	10	11	10
24	0	1	8	10	11	10
25	0	1	8	10	11	9
26	0	1	8	10	11	9
27	0	1	9	10	11	9
28	0	1	9	10	11	9
29	0	1	9	10	11	9
30	0	1	9	10	11	9
31	0	1	9	10	11	---
Mean	0.3	---	---	---	10	10
Max.	3	1.0	1	1	11	11
Min.	0	0	6	9	10	9
A. F.	67	24.0	60	123	206	250

Water diverted 2403 A. F.

*No record.

ENTERPRISE CANAL Diverted from Tub Springs						
Date	Oct.	May	June	July	Aug.	Sept.
1	*	0	28	35	43	25
2	*	0	28	36	43	26
3	*	0	28	36	44	26
4	*	0	28	37	44	25
5	*	0	28	37	45	25
6	*	0	28	38	45	27
7	*	0	28	38	17	26
8	*	0	28	39	16	28
9	*	0	28	39	16	28
10	*	0	28	40	21	29
11	*	0	28	40	19	29
12	*	0	28	41	19	28
13	*	0	28	41	20	31
14	*	0	28	42	21	32
15	*	0	28	43	25	31
16	*	0	28	43	19	31
17	*	0	29	43	27	30
18	*	0	29	43	39	30
19	*	0	29	43	25	29
20	*	0	29	42	26	30
21	*	21	29	42	25	28
22	*	22	29	42	22	27
23	*	23	29	42	27	27
24	*	24	29	42	25	27
25	*	24	30	41	21	28
26	*	25	31	41	23	29
27	*	25	32	41	24	29
28	*	26	33	41	26	30
29	*	27	34	41	27	29
30	*	27	35	42	25	30
31	*	28	---	42	24	---
Mean	*	9	29	40	27	28
Max.	*	28	35	43	45	32
Min.	*	0	28	35	16	25
A. F.	*	540	1736	2485	1674	1688

Water diverted 8123 A. F.

*No record.

ENTERPRISE CANAL Diverted from Winters Creek						
Date	Oct.	May	June	July	Aug.	Sept.
1	*	*	4	6	8	4
2	*	*	4	6	8	4
3	*	*	4	6	8	4
4	*	*	4	6	8	4
5	*	*	4	6	8	4
6	*	*	4	6	8	4
7	*	*	4	6	8	4
8	*	*	4	6	8	4
9	*	*	4	6	8	4
10	*	*	4	6	8	4
11	*	*	4	7	8	4
12	*	*	4	7	8	4
13	*	*	4	7	8	4
14	*	*	4	7	9	4
15	*	*	5	7	9	5
16	*	*	5	7	9	5
17	*	*	5	7	9	5
18	*	*	5	7	9	5
19	*	*	5	7	7	5
20	*	*	5	7	5	5
21	*	3	5	7	5	5
22	*	3	5	7	5	5
23	*	3	5	7	5	5
24	*	3	5	7	4	5
25	*	3	5	7	4	5
26	*	3	5	8	4	5
27	*	3	5	8	4	5
28	*	3	5	8	4	5
29	*	3	5	8	4	5
30	*	3	6	8	4	5
31	*	3	---	8	4	---
Mean	*	1	5	7	7	5
Max.	*	3	6	8	9	5
Min.	*	0	4	6	4	4
A. F.	*	65	272	446	413	270

Water diverted 1466 A. F.

*No record.

(See next page for summary in acre-feet of Enterprise Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

FOLLETT-KROTTER CANAL									
Diverted from Frenchman River									
Date	Oct.	Mar.	April	May	June	July	Aug.	Sept.	
1	11	0	.
2	0	.	.
3	0	.	.
4
5	.	.	.	12	.	.	J	.	.
6
7	12	12	.	.
8	0	0	.	.
9
10
11
12
13	0	.	.
14
15	0	.	.	.
16
17	0	.	.	.
18
19	0	.
20	0	.	.
21
22
23
24	5	.	.	.	.	.	.	.	.
25
26	13	.	.	.
27	0	.	.	.	.
28	11	.	.	.
29
30	0	.
31
Mean
Max.
Min.
A. F.
*No record.									

Acreage Reported	
A-705	390
A-720	180
A-975	324
A-2294	298
Total	1012

FORT LARAMIE CANAL					
Diverted from North Platte River, Pathfinder and Guernsey Reservoirs					
Date	May	June	July	Aug.	Sept.
1	0	688	1050	1424	1461
2	0	451	1092	1433	1419
3	0	430	1073	1403	1412
4	0	613	1093	1402	1432
5	0	454	1088	1358	1414
6	0	31	1174	1374	1416
7	0	14	1239	1391	1350
8	0	47	1224	1418	1257
9	0	59	1272	1486	1259
10	0	89	1370	1475	1267
11	0	599	1462	1498	1219
12	0	763	1365	1472	1232
13	0	777	1134	1486	1209
14	0	795	934	1463	1229
15	0	790	891	1481	1233
16	0	842	904	1485	1282
17	36	883	903	1468	1301
18	253	1007	811	1479	1292
19	263	1050	799	1484	1275
20	260	1085	798	1486	1288
21	314	1090	839	1488	1235
22	464	1157	1034	1481	1157
23	657	1188	1134	1486	1154
24	740	1257	1191	1490	1070
25	785	1289	1202	1493	1066
26	848	1209	1207	1490	1005
27	958	1126	1218	1488	972
28	1150	1122	1273	1488	801
29	1328	1105	1324	1481	519
30	1369	1071	1422	1479	260
31	827	—	1415	1474	—
Mean	331	739	1300	1460	1182
Max.	1369	1289	1462	1498	1461
Min.	0	14	798	1358	260
A. F.	20335	45783	69294	89860	70390

Total area irrigated estimated at 107000 acres.

Area in Nebraska 54870 acres.

Water diverted 295662 A. F.

Per acre 2.76 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

GERING CANAL
Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	0	155	0	116	94	131	152	146
2	0	155	0	111	89	129	155	138
3	0	155	0	93	87	130	139	139
4	0	80	0	98	94	131	142	137
5	0	0	0	81	90	127	139	139
6	0	0	0	79	90	127	143	142
7	0	0	0	83	93	129	141	141
8	0	0	162	91	86	129	138	141
9	0	0	159	122	95	128	137	133
10	0	0	155	146	28	127	133	129
11	0	0	150	142	3	127	130	131
12	0	0	138	143	3	128	131	130
13	110	0	177	145	3	124	132	129
14	111	0	189	146	3	130	133	132
15	110	0	180	142	3	136	135	135
16	105	0	191	102	3	134	138	137
17	105	0	211	93	87	138	139	141
18	106	0	209	92	122	138	139	126
19	107	0	202	96	123	137	139	111
20	124	0	170	98	127	133	137	111
21	153	0	171	100	125	132	135	110
22	154	0	163	100	127	135	135	109
23	156	0	161	100	126	148	133	107
24	154	0	152	96	127	151	132	102
25	156	0	149	98	126	151	129	105
26	157	0	138	95	126	152	128	102
27	154	0	125	96	129	150	129	98
28	156	0	126	95	129	150	132	97
29	155	0	113	93	126	149	136	96
30	155	0	117	94	127	151	135	98
31	155	—	—	95	—	152	125	—
Mean	83	18	124	106	86	137	136	123
Max.	157	155	211	146	129	152	155	146
Min.	0	0	0	81	3	124	125	96
A. F.	5123	1081	7377	6508	5129	8398	8372	7323
Area reported	14233 acres.				Acreage Reported			
Water diverted	49321 A. F.				A-365 14233			
Per acre	3.47 A. F.							

GOTHENBURG DIVERSION CANAL
Diverted from Platte River

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	135	383	155	74	140	147	153	337	180	133	152	101
2	155	364	146	58	146	147	150	305	199	116	183	68
3	178	180	50	45	138	150	147	312	190	131	182	61
4	185	196	26	91	138	148	150	319	190	133	165	98
5	181	113	26	123	143	150	147	309	180	114	179	123
6	183	158	65	127	143	169	166	304	183	102	189	152
7	191	65	148	138	136	173	177	296	186	164	193	207
8	211	126	168	158	131	128	189	273	186	99	190	193
9	226	159	174	137	126	165	211	276	190	63	183	205
10	234	110	181	148	132	150	214	272	187	67	151	208
11	230	196	170	159	135	161	220	243	190	48	87	197
12	289	209	167	165	130	160	213	258	190	53	104	186
13	328	250	154	165	137	150	239	247	180	88	136	196
14	368	279	166	153	128	107	275	246	196	94	97	210
15	403	297	150	161	140	59	304	235	193	80	79	240
16	398	313	175	169	135	57	314	206	189	145	55	218
17	409	338	160	173	140	90	327	200	200	181	45	206
18	404	352	175	162	141	162	344	214	207	183	46	211
19	399	316	142	169	143	155	366	207	214	190	60	150
20	411	301	125	168	143	66	416	207	207	225	68	227
21	406	318	113	165	140	125	402	151	228	317	64	235
22	407	335	103	161	140	153	404	217	235	370	43	269
23	406	279	101	161	136	152	364	196	268	384	25	221
24	404	230	148	152	135	135	370	186	235	390	21	276
25	406	150	132	154	126	67	327	181	200	390	20	276
26	392	130	128	156	88	57	314	200	235	390	21	261
27	396	150	147	151	95	46	334	228	192	390	56	269
28	403	163	157	152	136	38	374	235	257	398	87	283
29	399	150	100	144	—	51	380	207	197	390	129	260
30	391	155	76	146	—	140	348	168	157	320	129	307
31	387	—	65	145	—	163	—	160	—	190	130	—
Mean	320	226	129	143	133	123	278	228	201	311	107	205
Max.	411	383	181	173	146	173	416	337	268	398	193	307
Min.	185	110	26	45	88	38	147	160	157	48	20	61
A. F.	19666	13418	7920	8787	7420	7579	16560	14668	11982	12571	6583	12224
Water diverted	149378 A. F.											

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

GOTHENBURG IRRIGATION CANAL								
Diverted from Platte River and Sutherland Reservoir								
Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	36	251	0	192	45	41	11	0
2	34	226	0	154	35	42	11	0
3	43	127	0	173	33	11	11	0
4	45	165	0	163	37	27	11	0
5	40	78	0	163	20	13	11	0
6	30	150	18	128	33	2	11	0
7	40	0	25	132	29	2	11	52
8	70	73	61	124	52	35	11	51
9	60	126	64	126	57	35	11	50
10	77	49	79	115	56	7	11	45
11	85	97	72	78	58	17	11	52
12	147	176	61	115	37	22	11	41
13	171	169	90	106	27	19	11	36
14	207	124	123	169	43	22	11	53
15	232	122	159	88	44	5	11	73
16	212	171	167	185	23	42	11	52
17	262	186	185	57	48	19	11	56
18	279	183	199	60	65	13	11	64
19	277	171	217	52	74	19	11	0
20	278	194	272	57	49	60	11	47
21	285	103	255	54	82	157	0	68
22	282	172	270	57	105	149	0	101
23	285	109	231	49	111	254	0	126
24	275	76	231	39	99	286	0	85
25	265	0	162	56	0	264	0	101
26	255	0	179	65	89	235	0	75
27	255	0	195	83	25	246	0	69
28	280	0	232	84	41	235	0	88
29	262	0	253	77	55	195	0	119
30	260	0	192	44	53	188	0	134
31	251	—	—	45	—	20	0	—
Mean	180	108	133	98	50	83	7	55
Max.	285	251	272	192	111	286	11	134
Min.	30	0	0	39	0	2	0	0
A. F.	11068	6422	7918	6030	3025	5391	436	3257

Water diverted 43547 A. F.

GOTHENBURG IRRIGATION CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	April	May	June	July	Aug.	Sept.	Total
Gothenburg Canal— at Gothenburg Lake.....	11068	6422	7918	6030	3025	5391	436	3257	43547
Waste to Buffalo Creek	*	*	46	468	448	10	0	208	1180
Net for irrigation.....	11068	6422	7872	5562	2577	5381	436	3049	42367
Area reported 17820 acres.									
Water diverted 42367 A. F.									
Per acre 2.37 A. F.									
No storage diversions.									
*No record.									
							Acreage Reported		
							D-645a	820	
							D-645b	17000	
							Total	17820	

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

GRAF CANAL									
Diverted from Blue Creek and Crescent Lake—A-1575									
Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.	
1	35	10	0	22	28	20	25	21	
2	35	0	7	21	16	16	26	32	
3	35	0	14	18	12	15	24	26	
4	35	0	8	23	6	15	26	21	
5	35	0	5	24	2	0	24	19	
6	35	0	5	23	2	0	23	19	
7	35	0	5	17	3	0	23	17	
8	39	0	11	17	2	7	22	6	
9	40	0	18	10	0	17	19	0	
10	40	0	20	1	0	21	17	0	
11	38	0	6	4	1	24	21	0	
12	33	0	1	8	0	19	21	0	
13	33	0	1	7	0	14	4	4	
14	33	0	3	7	0	22	0	22	
15	31	0	11	11	0	24	0	23	
16	31	0	19	11	0	15	0	25	
17	38	0	21	10	3	8	0	20	
18	24	0	22	11	10	9	0	13	
19	34	0	19	11	22	12	0	0	
20	40	0	10	14	22	14	0	0	
21	39	0	20	11	17	15	4	0	
22	33	0	27	23	19	13	24	0	
23	30	0	27	17	10	10	28	0	
24	27	0	16	20	6	22	16	0	
25	24	0	1	21	8	24	0	0	
26	21	0	11	22	17	19	0	0	
27	14	0	26	22	20	17	0	0	
28	12	0	21	24	17	9	12	0	
29	10	0	25	25	14	13	19	0	
30	10	0	25	25	16	13	24	0	
31	10	—	—	26	—	15	30	—	
Mean	30	0.3	14	16	9	14	14	9	
Max.	40	10.0	27	26	28	24	30	32	
Min.	10	.0	0	1	0	0	0	0	
A. F.	1842	20.0	803	1004	541	877	857	532	
Area reported 2089 acres.						Acreage Reported			
Water diverted 6476 A. F.						D-763R 85			
Per acre 3.10 A. F.						D-781R 15			
No storage diversions.						D-788 1989			
						Total 2089			

HOLLINGSWORTH CANAL									
Diverted from South Platte River									
Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.	
1	10	0	*	11	5	9	10	2	
2	10	0	*	11	6	9	9	1	
3	10	0	*	11	6	9	9	1	
4	10	0	*	11	5	0	9	7	
5	10	0	*	11	5	5	8	7	
6	11	0	*	11	5	9	8	6	
7	11	0	*	11	14	9	8	9	
8	11	0	*	11	5	9	8	9	
9	11	0	*	11	0	9	6	5	
10	11	0	*	10	0	8	6	4	
11	11	4	*	8	0	9	5	13	
12	11	4	*	8	0	9	7	5	
13	11	4	*	8	0	9	8	4	
14	11	4	*	7	0	9	7	4	
15	11	4	*	7	0	9	8	4	
16	13	4	*	7	0	9	7	4	
17	13	4	*	7	0	9	7	3	
18	13	4	*	5	0	8	8	3	
19	13	4	*	6	0	7	7	3	
20	13	4	0	6	0	6	6	3	
21	13	*	0	6	0	0	5	3	
22	13	*	0	5	0	6	7	2	
23	13	*	0	5	13	5	7	7	
24	13	*	10	5	17	5	6	7	
25	13	*	10	5	17	2	8	7	
26	10	*	10	6	15	7	4	7	
27	10	*	11	7	9	6	4	7	
28	10	*	11	5	9	8	3	7	
29	10	*	11	5	9	7	2	7	
30	10	*	11	5	9	8	2	7	
31	10	—	—	5	—	8	2	—	
Mean	11	1	2	8	5	7	6	5	
Max.	13	4	11	11	17	9	10	13	
Min.	10	0	0	5	0	0	2	1	
A. F.	1694	179	147	470	296	440	399	315	
Area reported 363 acres.						Acreage Reported			
Water diverted 2840 A. F.						D-723 363			
Per acre 7.83 A. F.									
*No record. †Estimated.									

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued
HOLLOWAY-PHELPS CANAL
 Diverted from White Tail Creek

Date	April	May	June	July	Aug.	Sept.
1	0	3	0	2	0	0
2	0	0	0	2	0	0
3	0	0	0	0	0	0
4	0	1	0	0	0	5
5	0	2	0	0	0	0
6	0	2	0	0	0	0
7	0	1	0	0	3	0
8	0	2	0	0	0	1
9	0	2	0	0	2	0
10	0	3	0	0	2	0
11	0	0	0	0	2	0
12	0	2	0	0	2	0
13	0	3	0	0	0	0
14	0	3	0	0	2	0
15	0	3	0	0	2	0
16	0	3	0	0	2	0
17	0	0	0	0	2	0
18	0	0	0	0	2	0
19	0	0	0	0	2	0
20	0	0	0	0	2	0
21	0	0	0	0	2	0
22	0	0	0	0	2	0
23	0	0	0	0	2	0
24	0	0	0	0	1	0
25	0	0	2	0	4	0
26	0	0	3	0	0	0
27	0	0	3	0	0	0
28	3	0	3	0	0	0
29	3	0	3	0	0	0
30	3	0	1	0	0	0
31	—	0	—	0	0	—
Mean	0.3	1	0.5	0.1	1.2	0.2
Max.	3.0	3	3.0	2.0	4.0	5.0
Min.	.0	0	.0	.0	.0	.0
A. F.	18.0	59	30.0	8.0	73.0	10.0

D-717 No acreage report filed.

Water diverted 198 A. F.

HOOPER CANAL

Diverted from Blue Creek and Crescent Lake—A1575

Date	Oct.	April	May	June	July	Aug.	Sept.
1	12	*	11	9	15	12	11
2	12	*	14	5	10	14	0
3	12	*	18	0	11	13	0
4	12	*	17	0	11	12	8
5	12	*	11	0	11	12	0
6	12	*	11	0	9	12	0
7	12	*	12	0	13	13	0
8	12	*	12	4	13	13	0
9	12	*	13	4	13	13	0
10	12	*	14	2	13	13	0
11	12	*	15	3	12	13	0
12	12	*	15	5	11	13	0
13	12	*	14	1	5	13	0
14	12	*	8	0	6	14	0
15	12	*	7	1	6	14	0
16	12	8	12	3	11	13	0
17	12	8	12	4	8	5	0
18	12	8	14	4	11	0	0
19	12	8	15	7	11	2	0
20	12	8	15	9	11	12	0
21	12	8	11	8	12	12	0
22	12	8	12	9	11	13	3
23	12	10	10	13	12	13	6
24	12	0	10	14	19	13	7
25	12	1	10	15	11	12	7
26	0	4	11	13	14	9	6
27	0	9	10	14	18	12	6
28	0	14	11	14	13	13	6
29	0	15	8	15	13	15	6
30	0	15	10	15	12	16	7
31	0	—	10	—	18	13	—
Mean	10	4.1	12	6.4	12	12	2.4
Max.	12	15.0	18	15.0	18	16	11.0
Min.	0	.0	7	.0	5	0	.0
A. F.	1585	246.0	740	379.0	722	730	144.0

Area reported 896 acres.

Water diverted 3556 A. F.

Per acre 3.97 A. F.

No storage diversions.

*No record. †Estimated.

Acreage Reported

D-788R 19

D-781 877

Total 896

DISCHARGE OF CANALS IN SECOND-FEET, 1937--Continued						
HURLEY-LILLY-POLLY CANAL				INMAN CANAL		
Diverted from Lodgepole Creek				Diverted from Frenchman River		
Date	Oct.	May	June	July	Aug.	Sept.
1	3	*	3	2	2	0
2	3	*	3	2	3	7
3	3	*	3	0	3	4
4	4	*	2	0	2	4
5	3	*	3	0	2	4
6	3	*	0	0	2	4
7	6	*	0	0	2	4
8	7	*	0	0	2	4
9	7	*	0	0	2	4
10	3	*	0	0	2	4
11	0	*	0	0	3	4
12	0	*	0	0	3	4
13	0	*	0	0	0	4
14	0	*	0	0	0	4
15	0	*	0	0	5	4
16	0	*	0	0	4	3
17	0	*	1	0	5	4
18	0	*	1	0	5	4
19	0	*	1	0	2	4
20	0	*	1	0	2	4
21	0	*	1	0	2	4
22	0	2	1	0	6	4
23	0	2	1	0	6	4
24	0	1	1	0	2	4
25	0	1	1	0	2	4
26	0	1	1	1	1	6
27	0	1	1	1	1	7
28	0	1	2	1	2	7
29	0	1	2	1	0	5
30	0	1	2	2	0	0
31	0	1	---	2	0	---
Mean	1	0.4	1	0.4	2.4	4
Max.	7	2.0	3	2.0	6.0	7
Min.	0	0	0	0	0	0
A. F. 77	24.0	61	24.0	145.0	244	
Area reported 186 acres.				* No record.		
Water diverted 575 A. F.				Acreage Reported		
Per acre 3.09 A. F.				D-79 85		
* No record.				A-436 365		
				Total 450		

INTERSTATE CANAL						
Diverted from North Platte River, Pathfinder and Guernsey Reservoirs						
Date	April	May	June	July	Aug.	Sept.
1	0	866	1214	1721	1941	1811
2	0	898	1065	1700	1974	1789
3	0	919	1020	1594	2015	1739
4	0	911	1000	1574	2011	1697
5	0	969	948	1622	2015	1673
6	0	954	940	1757	2023	1635
7	0	951	959	1872	1993	1642
8	0	962	959	1926	1982	1645
9	0	981	973	1974	2004	1611
10	0	989	994	1985	2019	1577
11	0	997	1003	1956	2042	1550
12	0	1000	1017	1974	2049	1540
13	0	1000	1034	1854	2038	1571
14	0	1005	1145	1697	2030	1577
15	0	1010	1235	1598	2027	1571
16	0	1014	1354	1560	2027	1550
17	0	1017	1370	1523	2030	1527
18	206	1028	1520	1500	2038	1494
19	289	1042	1697	1632	2000	1487
20	399	1054	1793	1666	1989	1431
21	631	1097	1804	1742	1948	1357
22	777	1211	1796	1858	1922	1354
23	816	1375	1843	1922	1919	1338
24	818	1465	1894	1941	1959	1303
25	794	1505	1868	1941	1952	1287
26	804	1640	1811	1937	1948	1290
27	840	1720	1659	2015	1830	1284
28	852	1755	1625	2008	1804	1250
29	845	1725	1635	2000	1804	
30	855	1669	1676	1974	1840	870
31	---	1376	---	1952	1811	---
Mean	298	1163	1362	1806	1920	1480
Max.	855	1755	1894	2015	2049	1811
Min.	0	866	940	1500	1804	870
A.F. 17700	71490	81050	111020	121080	88090	

Estimated 110680 acres irrigated including North Platte Colonization Company acreage.
Water diverted 490430 A. F.
Per acre 4.43 A. F.
Record furnished by United States Bureau of Reclamation.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

KEARNEY CANAL												
Diverted from Platte River, Buffalo and Elm Creeks, and Sutherland Reservoir												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	10	370	110	180	290	284	372	21	124	0	7
2	0	10	390	110	190	345	311	335	50	68	0	1
3	0	10	82	110	200	457	366	368	28	37	0	31
4	0	10	60	100	215	450	291	325	61	20	0	132
5	0	10	132	100	225	306	308	334	370	10	0	295
6	0	10	42	100	225	167	325	321	335	5	0	198
7	0	5	125	90	225	180	322	277	271	4	0	23
8	0	0	174	90	225	190	333	279	376	2	0	16
9	0	0	184	80	225	218	331	299	390	1	0	10
10	0	223	195	80	225	288	322	253	394	1	0	10
11	0	109	240	100	225	274	304	178	379	1	0	9
12	0	301	280	110	250	347	291	171	386	1	0	12
13	0	400	253	110	300	397	329	191	355	1	0	19
14	0	237	313	120	300	192	325	192	297	1	0	16
15	0	242	314	120	325	174	322	161	382	0	0	18
16	0	220	238	120	375	65	319	127	431	0	0	14
17	0	125	238	120	350	137	307	99	372	0	0	31
18	0	82	270	120	280	302	308	66	393	4	0	89
19	0	53	230	120	300	330	300	43	373	1	0	76
20	0	46	200	120	330	79	291	33	396	0	0	38
21	0	38	186	120	335	168	294	26	379	1	0	18
22	0	160	125	120	375	253	337	33	431	0	0	13
23	0	65	115	120	395	308	271	26	394	0	0	10
24	0	35	125	120	400	268	321	17	364	18	0	9
25	0	48	270	120	315	107	319	14	168	23	0	8
26	0	120	252	120	170	61	344	56	415	2	0	6
27	0	350	220	130	170	71	358	115	396	1	0	9
28	11	430	63	140	220	104	327	75	387	0	0	7
29	10	462	62	150	—	103	288	72	348	0	0	11
30	11	408	10	160	—	194	358	33	287	0	0	13
31	11	—	115	170	—	284	—	21	—	0	0	—
Mean	1	141	189	116	298	230	317	158	319	11	0	38
Max.	11	462	390	170	400	450	353	372	431	124	0	298
Min.	0	0	10	80	170	61	271	14	24	0	0	1
A. F.	85	8368	11649	7141	14876	14103	18861	9743	18986	647	0	2283
Water diverted	106742 A. F.											

KEARNEY CANAL												
Diverted from Buffalo Creek												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	5	40	3	1	6	4	29	8	48	0	0
2	0	5	35	3	1	6	4	27	2	33	0	0
3	0	6	30	3	1	6	4	37	2	17	0	0
4	0	6	25	3	1	7	5	29	5	10	0	0
5	0	7	20	3	1	7	5	27	41	6	0	0
6	0	8	15	2	1	7	5	35	39	4	0	7
7	0	8	15	2	1	8	6	30	44	3	0	5
8	2	6	12	2	1	8	6	27	37	2	0	3
9	2	2	11	2	1	8	6	32	38	1	0	3
10	2	3	10	2	1	9	6	30	28	0	0	3
11	3	6	9	1	2	9	7	33	31	1	0	13
12	3	6	8	1	2	10	7	31	33	0	0	14
13	3	6	7	1	2	9	7	37	35	0	0	22
14	3	6	6	1	2	8	8	27	30	0	0	19
15	3	6	5	1	2	8	8	23	28	0	0	22
16	3	8	4	1	3	7	8	22	28	0	0	16
17	3	8	4	1	3	7	9	23	18	0	0	17
18	2	8	4	1	3	6	9	17	34	0	0	24
19	2	8	4	1	3	6	10	14	32	0	0	16
20	2	8	4	1	3	5	11	11	28	0	0	16
21	1	10	4	1	4	5	3	7	14	0	0	24
22	3	10	4	1	4	4	2	5	6	0	0	18
23	5	10	4	1	4	4	4	3	7	0	0	13
24	6	13	3	1	4	3	4	2	10	0	0	13
25	6	20	3	1	4	3	3	9	6	0	0	13
26	6	30	3	1	5	3	15	6	17	0	0	13
27	8	34	3	1	5	3	20	1	7	0	0	14
28	10	35	3	1	5	4	35	11	50	0	0	14
29	12	36	3	1	—	4	24	21	50	0	0	19
30	16	37	3	1	—	4	24	4	50	0	0	20
31	20	—	3	1	—	4	—	5	—	0	0	—
Mean	4	12	10	2	2	6	9	20	25	4	0	12
Max.	20	37	40	3	5	10	36	37	50	48	0	24
Min.	0	2	3	1	1	3	2	1	2	0	0	0
A. F.	250	716	603	91	129	373	547	1208	1509	248	0	716
Water diverted	6400 A. F.											

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	KEARNEY CANAL Diverted from Elm Creek											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	2	24	8	35	0	0
2	0	0	0	0	0	0	2	21	8	13	0	0
3	0	0	0	0	0	0	2	24	13	5	0	80
4	0	0	0	0	0	0	1	27	33	1	0	90
5	0	3	0	0	0	0	1	26	80	0	0	70
6	0	2	0	0	0	0	1	25	41	0	0	14
7	0	2	0	0	0	0	1	25	24	0	0	3
8	0	0	0	0	0	0	1	25	18	0	0	1
9	0	2	0	0	0	0	1	28	19	0	0	0
10	0	2	0	0	0	0	2	28	20	0	0	0
11	0	2	0	0	0	0	2	19	16	0	0	0
12	0	2	0	0	0	0	3	20	22	0	0	0
13	0	1	1	0	0	0	3	18	19	0	0	0
14	0	1	1	0	0	0	4	17	17	0	0	0
15	0	1	2	0	0	1	4	18	12	0	0	0
16	0	1	2	0	0	1	4	17	90	0	0	0
17	0	1	2	0	0	1	4	17	40	0	0	0
18	0	0	2	0	0	2	5	12	19	0	0	0
19	0	0	2	0	0	2	5	11	20	0	0	0
20	0	0	2	0	0	3	8	7	90	0	0	0
21	0	0	2	0	0	3	5	10	46	0	0	0
22	0	0	2	0	0	4	5	5	32	0	0	0
23	0	0	2	0	0	4	15	4	26	0	0	0
24	0	0	2	0	0	4	13	2	15	38	0	0
25	0	0	2	0	0	4	29	6	18	12	0	0
26	0	0	2	0	0	4	24	29	90	2	0	0
27	0	0	1	0	0	3	27	59	80	0	0	0
28	0	0	1	0	0	3	26	48	35	0	0	0
29	0	0	0	0	---	3	21	29	65	0	0	0
30	0	0	0	0	---	2	22	21	43	0	0	0
31	0	---	0	0	---	2	---	19	---	0	0	---
Mean	0	1	1	0	0	2	8	20	35	3	0	12
Max.	0	3	2	0	0	4	29	59	90	38	0	90
Min.	0	0	0	0	0	0	1	2	8	0	0	0
A. F.	0	44	56	0	0	91	482	1273	2101	210	0	690
Water diverted 4948 A. F.												

KEARNEY CANAL
SUMMARY IN ACRE-FEET

Month	Diverted from			Net at Odessa Rating Station
	Flatte River	Buffalo Creek	Elm Creek	
October	0	250	0	85
November	7608	716	44	8368
December	10990	603	56	11649
January	7050	91	0	7141
February	14737	139	0	14876
March	13639	373	91	14103
April	17832	547	482	18861
May	7262	1208	1273	9743
June	15376	1509	2101	18986
July	189	248	210	647
August	0	0	0	0
September	877	716	690	2283
Total	95560	6400	4947	106742

Area reported 4384 acres.
Estimated diversion for irrigation 5127 A. F.
Per acre 1.17 A. F.
No storage diversions.

Acres Reported
D-1023 4384

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

KEITH-LINCOLN COUNTY CANAL

Diverted from North Platte River

Date	Oct.	April	May	June	July	Aug.	Sept.
1	106	0	59	61	94	95	82
2	97	0	58	73	92	77	78
3	90	0	61	41	100	63	95
4	85	0	62	49	83	0	68
5	86	0	54	63	67	0	68
6	91	0	58	44	76	6	42
7	34	0	85	28	80	78	41
8	0	0	91	30	77	86	41
9	0	0	86	41	93	76	72
10	0	0	83	41	85	73	42
11	0	0	73	27	85	75	25
12	0	0	76	29	88	82	35
13	0	0	78	26	78	81	35
14	0	0	73	32	85	77	44
15	0	0	76	39	90	78	36
16	0	0	77	38	85	74	39
17	0	0	77	35	91	41	56
18	0	0	76	30	82	0	70
19	0	0	78	36	89	0	70
20	0	0	87	49	98	0	66
21	0	0	69	57	83	0	60
22	0	0	66	54	91	69	57
23	0	0	80	87	86	92	61
24	0	0	77	85	93	97	59
25	0	0	70	76	87	103	62
26	0	0	45	76	87	96	62
27	0	0	70	92	87	92	61
28	0	0	68	88	89	88	63
29	0	41	51	85	92	86	66
30	0	57	74	93	108	88	71
31	0	..	69	..	96	93	..
Mean	19	3	71	54	84	63	58
Max.	106	57	91	92	108	103	95
Min.	0	0	45	26	67	0	25
A. F.	1168	194	4378	3184	5389	3900	3426
Water diverted	21639	A. F.					

KEITH-LINCOLN COUNTY CANAL

SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diversions	1168	194	4378	3184	5389	3900	3426	21639
Wastes	*	50	71	466	32	46	337	1002
Net Diverted	1168	144	4307	2718	5357	3854	3089	20637

Area reported 6547 acres.

Net diverted 20637 A. F.

Per acre 3.15 A. F.

*No record.

Acreage Reported

D-722 6547

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

KENT-BURKE CANAL

Diverted from Pawnee Creek

Date	Oct.	April	May	June	July	Aug.	Sept.
1	*	0	0	0	0	0	3
2	*	0	0	0	0	0	3
3	*	0	0	0	0	0	3
4	*	0	0	0	0	0	3
5	*	0	0	0	0	0	3
6	*	0	0	0	0	0	3
7	*	0	0	0	0	0	3
8	*	0	0	0	0	0	3
9	*	0	0	0	0	0	3
10	*	0	0	0	0	0	3
11	*	0	0	0	0	0	3
12	*	0	0	0	3	0	3
13	*	0	0	0	3	0	3
14	*	0	0	0	3	0	3
15	*	0	0	0	3	0	3
16	*	0	0	0	3	0	3
17	*	0	0	0	3	0	4
18	*	0	0	0	3	0	4
19	*	0	0	0	3	0	4
20	*	0	0	0	0	0	4
21	*	0	0	0	0	5	4
22	*	0	0	0	0	4	4
23	*	0	0	0	0	4	5
24	*	0	0	0	0	4	4
25	*	0	0	0	0	4	4
26	*	0	0	0	0	4	4
27	*	0	0	0	0	3	0
28	*	0	0	0	0	3	0
29	*	0	0	0	0	3	0
30	*	0	0	0	0	3	0
31	*	0	0	0	0	3	0
Mean	*	0	0	0	1	1	3
Max.	*	0	0	0	3	5	5
Min.	*	0	0	0	0	0	0
A. F.	*	0	0	0	45	73	177

*No record.

Acreage Reported

D-636 560

A-1694 410

Total 970

Area reported 970 acres.

Water diverted 298 A. F.

Per acre 0.33 A. F.

KEYSTONE CANAL

Diverted from White Tail Creek

Date	April	May	June	July	Aug.	Sept.
1	*	7	6	6	6	8
2	*	7	6	6	6	8
3	*	7	6	6	6	8
4	*	7	6	6	6	9
5	*	7	6	3	0	8
6	*	7	7	0	0	8
7	*	3	7	0	0	9
8	*	3	7	0	0	7
9	*	3	3	0	0	8
10	*	3	3	0	0	7
11	7	8	3	0	0	9
12	7	9	3	0	0	0
13	7	3	3	0	0	5
14	7	3	3	2	0	8
15	7	3	3	7	0	8
16	7	3	4	6	0	8
17	7	3	7	6	0	8
18	7	3	7	6	0	8
19	6	3	5	7	0	7
20	6	3	6	7	0	4
21	6	3	6	7	0	4
22	6	3	7	7	0	4
23	6	2	7	7	0	0
24	6	2	7	7	0	0
25	7	2	6	8	0	0
26	7	2	6	8	0	4
27	7	2	6	8	8	4
28	7	2	6	8	8	4
29	7	2	6	8	8	4
30	8	2	6	7	8	4
31	..	2	..	7	8	..
Mean	4	4	5	5	1	6
Max.	8	9	7	8	8	9
Min.	0	2	3	0	0	0
A. F.	268	236	225	298	79	343

Area reported 2935 acres.

Water diverted 1549 A. F.

Per acre 0.53 A. F.

*No record.

Acreage Reported

A-1003 519

A-843 40

A-662b 1556

D-730 420

KIMBALL CANAL, NORTH

Diverted from Lodgepole Creek and Oliver Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	21	6	11
2	0	0	0	14	6	8
3	16	0	0	0	7	8
4	16	0	0	0	10	7
5	15	0	0	0	10	6
6	0	0	0	0	10	6
7	0	0	0	0	10	0
8	0	0	0	0	10	0
9	0	0	0	7	10	0
10	0	0	0	13	11	0
11	0	0	0	7	11	0
12	0	0	0	13	13	0
13	0	0	0	11	6	0
14	0	0	0	12	2	0
15	0	0	0	10	10	0
16	0	0	0	10	11	0
17	0	0	0	7	11	11
18	0	0	0	6	12	14
19	0	0	0	5	0	14
20	0	0	0	7	0	15
21	0	0	22	10	0	16
22	0	0	22	9	0	15
23	0	0	24	0	0	0
24	0	0	24	7	0	0
25	0	0	25	7	3	0
26	0	0	21	7	10	0
27	0	0	23	7	9	0
28	0	0	22	9	9	0
29	0	0	23	8	8	0
30	0	0	22	7	10	0
31	0	0	..	7	11	..
Mean	1	0	7	7	7	4
Max.	16	0	25	21	13	16
Min.	0	0	0	0	0	0
A. F.	91	0	452	456	448	260

Area reported 1707 A. F.

Water diverted 1707 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

KIMBALL CANAL, SOUTH
Diverted from Lodgepole Creek
and Oliver Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	34	26	23
2	25	0	0	34	20	26
3	31	0	0	0	18	26
4	33	0	0	0	18	26
5	26	0	0	0	20	24
6	0	0	0	0	22	25
7	0	0	0	0	16	0
8	0	0	0	0	18	0
9	0	0	0	29	23	0
10	0	0	0	34	28	0
11	0	0	0	42	29	0
12	0	0	0	38	29	0
13	0	0	0	38	32	0
14	0	0	0	35	26	22
15	0	0	0	33	25	30
16	0	0	0	27	28	33
17	0	0	0	18	28	32
18	0	0	0	17	29	31
19	0	0	0	17	23	27
20	0	0	0	19	20	21
21	0	0	25	19	17	1
22	0	0	31	24	15	1
23	0	0	34	24	20	0
24	0	0	35	25	25	0
25	0	0	37	25	23	0
26	0	0	32	29	26	0
27	0	0	34	29	25	0
28	0	0	34	30	24	0
29	0	0	36	30	19	0
30	0	0	35	29	19	0
31	0	0	..	28	21	..
Mean	4	0	11	23	23	11
Max.	33	0	37	42	32	33
Min.	0	0	0	0	16	0
A. F.	228	0	660	1402	1412	889
Water diverted	4591	A. F.				

KIMBALL IRRIGATION DISTRICT CANALS
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
North Canal.....	91	0	452	456	448	260	1707
South Canal	228	0	660	1402	1412	889	4591
Total	319	0	1112	1858	1860	1149	6298
Area reported 4500 acres, Water diverted 6298 A. F. Per acre 1.40 A. F.						Acreage Reported A-897 4500	

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

KINNEY CANAL, SOUTH Diverted from Lodgepole Creek							KINNEY CANAL, NORTH Diverted from Lodgepole Creek						
Date	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	
1	4	2	4	3	3	2	0	1.0	1.0	1.5	1.3	0.6	
2	4	2	3	3	3	2	0	1.0	1.0	.0	1.6	.6	
3	4	2	3	0	3	2	0	1.0	1.0	.0	1.2	.6	
4	4	2	3	0	3	2	0	1.0	1.1	.0	.9	.6	
5	4	2	4	3	3	2	0	1.0	1.1	.0	.7	.6	
6	4	2	4	2	3	2	0	1.0	1.0	.0	.7	.7	
7	4	2	4	2	3	2	0	1.0	.9	.0	.6	.7	
8	4	2	3	2	3	2	0	1.0	.9	.0	.6	.6	
9	4	2	3	2	3	2	0	1.0	1.0	.0	.6	.6	
10	4	2	3	3	3	2	0	1.0	1.0	.0	.6	.7	
11	4	2	3	2	3	2	0	1.0	1.1	.0	1.0	.6	
12	4	2	3	2	3	2	0	1.0	1.1	.0	.7	.6	
13	4	2	3	2	3	2	0	1.0	1.4	.0	.6	.0	
14	4	2	3	3	2	2	0	1.0	1.5	.0	.6	.0	
15	4	2	4	3	3	2	0	1.0	1.7	.0	.8	.0	
16	"	3	4	3	3	2	0	1.0	1.7	.0	.8	.0	
17	"	3	4	3	3	2	0	1.0	1.7	.0	1.0	.0	
18	"	3	4	3	3	2	0	1.0	1.5	.0	.9	.0	
19	"	3	4	3	3	2	0	1.0	1.5	.0	.7	.0	
20	"	3	4	3	3	2	0	1.0	1.5	1.2	1.1	.0	
21	"	3	4	3	3	2	0	1.0	1.1	1.2	1.0	.0	
22	"	3	0	3	3	2	0	1.1	1.0	1.2	1.0	.0	
23	"	2	3	3	3	2	0	1.2	.6	1.2	1.0	.0	
24	"	2	3	3	3	2	0	1.1	1.6	1.2	1.1	.0	
25	"	3	3	3	3	2	0	1.0	1.4	1.2	1.0	.0	
26	"	3	3	3	2	2	0	1.0	2.1	1.1	.9	.0	
27	"	3	3	3	2	2	0	1.0	1.8	1.4	.9	.0	
28	"	3	3	2	2	2	0	.9	1.7	1.0	1.1	.0	
29	"	2	2	2	3	2	0	1.0	1.3	1.5	1.0	.0	
30	"	3	3	2	2	2	0	1.0	1.5	1.5	.9	.0	
31	"	3	.	3	2	.	0	1.0	.	1.1	.6	.	
Mean	2	2.4	3.1	2.5	2.8	2	0	1.0	1.3	0.5	0.9	0.3	
Max.	4	3.0	4.0	3.0	3.0	2	0	1.2	2.1	1.5	1.6	.7	
Min.	0	2.0	.0	.0	2.0	2	0	.9	.6	.0	.6	.0	
A. F.	119	1149.0	192.0	153.0	173.0	119	0	*62.0	77.0	32.0	55.0	15.0	
Water diverted 905 A. F.							Water diverted 241 A. F.						
*No record.							*Estimated.						
†Estimated.													

KINNEY CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Kinney Canal, South.....	119	149	192	153	173	119	905
Kinney Canal, North.....	0	62	77	32	55	15	241
Total	119	211	269	185	228	134	1146

Area reported 384 acres.
Water diverted 1146 A. F.
Per acre 2.72 A. F.

Acres Reported
A-718 54
D-350 41
D-348 154
D-345 135
Total 384

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued
LAST CHANCE CANAL

Date	Oct.	Diverted from Pumpkinseed Creek						Sept.
		Nov.	April	May	June	July	Aug.	
1	8	8	0	8	4	6	4	0
2	8	8	0	8	4	6	4	0
3	8	8	0	8	4	7	4	0
4	8	8	0	8	4	7	4	0
5	8	8	0	8	4	7	4	0
6	8	8	0	8	5	7	4	0
7	8	8	0	8	6	8	4	0
8	8	8	0	8	7	7	4	0
9	8	8	0	6	6	7	4	0
10	8	8	8	4	5	7	0	0
11	8	8	8	4	4	6	0	0
12	8	8	8	4	4	6	1	0
13	8	8	8	4	4	6	4	0
14	8	8	8	4	4	6	4	0
15	8	8	8	4	4	6	4	0
16	8	*	8	3	2	6	0	0
17	8	*	8	3	1	5	0	0
18	8	*	8	3	1	5	0	0
19	8	*	8	3	1	5	0	0
20	8	*	8	3	0	4	0	0
21	8	*	8	3	4	4	0	0
22	8	*	8	3	5	4	2	0
23	8	*	8	3	6	4	2	0
24	8	*	8	3	6	4	0	0
25	8	*	8	3	12	4	0	0
26	8	*	8	4	12	3	0	0
27	8	*	8	4	12	3	0	0
28	8	*	8	4	12	4	0	0
29	8	*	9	4	11	4	0	0
30	8	*	9	4	6	4	0	0
31	8	..	..	4	..	4	0	..
Mean	8	4	6	5	5	5	1	0
Max.	8	8	9	8	12	8	4	0
Min.	8	8	0	3	0	3	0	0
A. F. 1492	1238	337	294	317	329	105	0	0
Area reported 455 acres.						Acreage Reported		
Water diverted 2112 A. F.						D-883 455		
Per acre 4.64 A. F.								
*No record.								
†Estimated.								

LIBCO CANAL

Date	Oct.	Diverted from North Platte River						Sept.
		Nov.	April	May	June	July	Aug.	
1	22	23	0	14	20	29	22	20
2	23	22	0	0	15	21	20	20
3	24	0	0	0	13	24	23	18
4	20	0	0	0	5	27	23	18
5	27	0	0	7	6	27	12	19
6	29	0	0	15	0	23	13	21
7	29	0	0	15	0	23	21	0
8	26	0	0	17	0	21	19	0
9	23	0	0	17	0	22	18	0
10	24	0	0	12	0	24	18	0
11	26	0	0	8	0	20	17	0
12	32	0	0	14	5	14	18	0
13	30	0	0	19	0	18	7	0
14	27	0	0	29	0	24	12	0
15	27	0	0	28	5	21	15	0
16	26	0	6	29	6	16	11	8
17	22	0	12	27	18	18	12	21
18	22	0	12	29	16	19	0	19
19	23	0	12	29	15	27	0	17
20	22	0	15	27	18	30	6	20
21	22	0	16	20	24	28	23	20
22	21	0	15	17	27	27	29	20
23	23	0	15	15	24	19	27	20
24	24	0	15	20	26	17	23	21
25	25	0	16	30	28	29	10	20
26	27	0	15	33	30	29	10	15
27	28	0	14	27	30	27	12	15
28	29	0	16	24	32	27	0	17
29	30	0	16	27	34	28	3	17
30	30	0	15	24	33	26	14	14
31	26	..	..	19	..	21	17	..
Mean	25	2	7	19	14	23	15	13
Max.	32	23	16	33	34	30	29	21
Min.	20	0	0	0	0	14	0	0
A. F. 1565	89	417	1174	853	1440	902	754	
Water diverted 7194 A. F.								

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	LISCO CANAL										Sept.	
	Oct.	Nov.	Dec.	Diverted Jan.	from Feb.	Cold Mar.	Water April	Creek May	June	July		Aug.
1	2	2	3	3	3	2	3	3	3	4	4	4
2	2	2	3	3	3	2	3	3	3	4	4	4
3	2	2	3	3	3	2	3	3	2	4	4	4
4	2	2	3	3	3	2	3	3	2	4	4	4
5	2	2	3	3	3	2	3	3	2	4	4	4
6	2	2	3	3	3	2	3	4	4	4	4	4
7	2	2	3	3	3	2	3	4	4	4	4	4
8	2	2	3	3	3	2	3	4	4	4	4	4
9	2	2	3	3	3	2	3	4	4	4	4	0
10	2	2	3	3	3	2	3	4	4	4	4	0
11	2	2	3	3	3	2	3	4	4	4	4	0
12	2	2	3	3	3	2	3	4	4	4	4	0
13	2	2	3	3	3	2	3	4	4	4	4	0
14	2	2	3	3	3	2	3	4	3	4	4	0
15	2	2	3	3	3	2	3	4	4	4	4	0
16	2	2	3	3	3	2	3	4	4	4	4	3
17	2	2	3	3	3	2	3	4	4	4	4	3
18	2	2	3	3	3	2	3	3	4	4	0	3
19	2	2	3	3	3	2	3	3	4	4	0	3
20	2	2	3	3	3	2	4	3	4	4	2	3
21	2	2	3	3	3	3	4	3	4	4	3	3
22	2	2	3	3	3	3	3	3	4	4	4	3
23	2	2	3	3	3	3	3	3	4	4	4	3
24	2	2	3	3	3	3	3	3	4	4	4	3
25	2	2	3	3	3	3	3	3	4	4	4	3
26	2	2	3	3	3	3	3	3	4	4	4	3
27	2	2	3	3	3	3	3	3	4	4	4	3
28	2	2	3	3	3	3	3	3	4	4	4	3
29	2	2	3	3	..	3	3	3	4	4	4	3
30	2	2	3	3	..	3	3	3	4	4	4	3
31	2	..	3	3	..	3	..	3	..	4	4	..
Mean	2	2	3	3	3	2	3	3	4	4	4	2
Max.	2	2	3	3	3	3	4	4	4	4	4	4
Min.	2	2	3	3	3	2	3	3	2	4	0	0
A. F.	*123	*119	*184	*184	*167	*145	182	208	218	246	222	145

Water diverted 2143 A. F.

*Estimated.

LISCO CANAL
SUMMARY IN ACRE-FEET

Month	Diverted from		Total Diver- sion
	North Platte River	Cold Water Creek	
October	1565	123	1688
November	89	119	208
December	0	184	184
January	0	184	184
February	0	167	167
March	0	145	145
April	417	182	599
May	1174	208	1382
June	853	218	1071
July	1449	246	1695
August	902	222	1124
September	754	145	899
Total	7194	2143	9337
Area reported 2935 acres.	Acreage Reported		
Water diverted 9337 A. F.	D-787	394	
Per acre 3.18 A. F.	D-796	309	
	D-856	1391	
	A-243	635	
	A-991	215	
	Total	2935	

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued
LONERGAN CANAL

		Diverted from Loneragan Creek					
Date	Oct.	April	May	June	July	Aug.	Sept.
1	2	0	5	3	4	2	4
2	2	0	5	3	0	0	4
3	2	0	5	2	0	1	4
4	2	0	5	2	0	0	0
5	2	0	5	2	2	1	0
6	2	5	5	2	2	0	3
7	2	5	4	2	2	1	0
8	2	5	4	2	2	1	0
9	2	5	4	2	0	1	3
10	2	5	4	2	2	2	3
11	2	5	4	2	2	3	2
12	2	5	4	4	2	3	1
13	2	5	4	2	0	3	1
14	2	5	4	3	0	1	1
15	2	5	4	3	0	1	1
16	2	5	4	0	0	3	1
17	2	5	4	3	0	2	3
18	2	5	4	3	1	3	3
19	2	5	4	2	1	3	4
20	2	5	4	3	1	3	4
21	1	5	4	3	1	3	4
22	1	5	4	3	1	0	4
23	1	5	4	3	3	0	4
24	1	5	4	2	0	1	4
25	1	5	4	2	0	0	4
26	1	5	0	4	0	0	4
27	1	5	4	4	2	0	4
28	1	5	4	4	2	4	4
29	1	5	2	4	2	4	4
30	1	5	3	0	2	4	4
31	1	..	3	..	2	4	..
Mean	1.6	5	4	2.5	1.2	1.6	2.7
Max.	2.0	5	5	4.0	4.0	4.0	4.0
Min.	1.0	0	0	.0	.0	.0	.0
A. F. *101.0	248	242	151.0	71.0	107.0	163.0	
Area reported	545 acres.			Acreage Reported			
Water diverted	1083 A. F.			D-699 545			
Per acre	1.98 A. F.						

*Estimated.

LYONS CANAL

		Diverted from North Platte River					
Date	Oct.	April	May	June	July	Aug.	Sept.
1	25	0	10	20	15	0	22
2	25	0	6	12	14	0	21
3	25	0	6	17	13	0	18
4	25	0	10	18	12	0	18
5	25	0	11	20	12	0	20
6	25	0	11	13	11	0	22
7	25	0	9	11	3	0	18
8	25	0	7	10	0	0	12
9	25	0	10	11	0	0	2
10	25	0	11	12	0	0	1
11	25	0	9	9	0	0	0
12	25	0	3	9	0	0	0
13	25	0	7	11	0	0	0
14	25	0	8	10	0	0	0
15	25	0	8	10	15	0	18
16	0	0	8	6	26	0	18
17	0	0	7	2	28	0	17
18	0	0	6	0	27	0	18
19	0	0	6	0	27	0	13
20	0	0	7	0	21	0	18
21	0	0	5	2	21	0	17
22	0	0	3	8	19	0	16
23	0	0	8	12	18	0	15
24	0	0	7	9	16	0	16
25	0	0	12	9	18	0	18
26	0	0	15	7	20	16	19
27	0	0	9	8	19	18	19
28	0	0	12	14	15	20	18
29	0	12	15	15	19	21	16
30	0	10	20	15	23	20	17
31	0	..	21	..	0	20	..
Mean	12	1	9	10	14	4	14
Max.	25	12	21	20	28	21	22
Min.	0	0	3	0	0	0	0
A. F. *744	44	569	505	859	228	857	
Area reported	2299 acres.			Acreage Reported			
Water diverted	3896 A. F.			D-803 2299			
Per acre	1.70 A. F.						

*Estimated.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued
McARTHY CANAL

Date	Diverted from White Tail Creek					
	April	May	June	July	Aug.	Sept.
1	1	1	0	0	0	0
2	1	1	1	1	1	1
3	1	1	1	1	0	0
4	1	1	1	1	1	1
5	1	1	1	1	0	0
6	1	1	1	1	1	1
7	1	1	1	1	0	0
8	1	1	1	1	1	1
9	1	1	1	1	0	0
10	1	1	1	1	1	1
11	1	0	1	1	0	1
12	1	1	1	1	1	1
13	1	1	1	0	1	1
14	1	0	1	0	0	1
15	1	0	1	1	1	1
16	1	1	1	1	0	1
17	1	1	1	1	1	0
18	1	1	0	1	0	0
19	1	1	0	1	1	0
20	0	1	1	1	0	1
21	0	1	0	1	1	1
22	1	1	1	0	0	1
23	1	1	1	1	1	1
24	1	1	1	1	1	1
25	1	1	0	1	0	1
26	1	1	0	0	0	1
27	1	1	0	0	1	0
28	1	1	1	1	0	0
29	1	1	0	1	1	0
30	0	1	0	1	0	0
31	..	1	..	0	1	..
Mean	0.9	0.9	0.7	0.8	0.5	0.6
Max.	1.0	1.0	1.0	1.0	1.0	1.0
Min.	.0	.0	.0	.0	.0	.0
A. F.	*54.0	56.0	42.0	48.0	32.0	36.0

D-749—No acreage report filed.

Water diverted 268 A. F.

*Estimated.

MARANVILLE CANAL

Date	Diverted from Frenchman River						
	Mar.	April	May	June	July	Aug.	Sept.
1
2
3	.	.	5	.	.	.	.
4	.	.	.	0	.	.	.
5
6	4	3	3
7
8	4	.	.
9	3	.
10
11
12	4
13
14
15
16
17	4	.	.
18
19	5
20
21
22
23	2	.	.	.	.	.	.
24	3	.
25	5
26	3	.	.
27	.	.	.	4	.	.	.
28	3	.	5
29
30	5
31	3	..
Mean
Max.
Min.
A. F.

Area reported 360 acres.

Acreage Reported

*No record.

D-70-71 360

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

		MEEKER CANAL					
		Diverted from Republican River					
Date	Oct.	Nov.	April	May	June	July	Aug. Sept.
1	28	15	0	22	10	18	0 25
2	20	15	0	22	0	31	20 22
3	20	0	0	21	0	28	22 22
4	15	0	0	22	0	31	43 28
5	9	0	0	19	0	30	16 30
6	22	9	0	19	0	31	25 30
7	22	11	0	19	0	31	21 30
8	22	0	0	24	0	31	31 23
9	22	0	0	27	0	28	23 11
10	11	0	0	29	0	28	37 11
11	16	5	0	12	0	31	37 16
12	17	5	0	9	0	40	40 7
13	17	5	0	27	0	23	35 11
14	17	5	0	17	0	32	12 11
15	18	5	0	17	0	32	25 11
16	19	6	0	13	20	25	27 16
17	21	13	0	12	20	40	28 20
18	22	11	0	13	19	25	33 19
19	21	11	0	12	23	34	39 8
20	20	11	8	25	28	25	33 14
21	27	10	12	24	11	43	36 11
22	9	10	12	24	28	40	34 9
23	27	10	9	24	11	31	34 16
24	17	10	13	29	29	32	32 20
25	24	10	9	35	23	37	33 24
26	24	5	12	16	25	28	22 28
27	22	5	9	36	25	25	19 31
28	28	5	11	32	18	31	16 30
29	28	5	16	24	14	34	21 30
30	28	5	27	21	18	31	45 29
31	28	..	..	17	..	0	18 ..
Mean	27	7	5	21	11	30	28 20
Max.	28	15	27	36	29	43	45 31
Min.	9	0	0	9	0	0	0 7
A. F.	1271	601	274	1315	639	1837	1700 1176
Area reported 2870 acres.		Acreage Reported					
Water diverted 8613 A. F.		D-4-9-8-7 2870					
Per acre 3.00 A. F.							

		MEREDITH-AMMER CANAL					
		Diverted from Pumpkinseed Creek					
Date	April	May	June	July	Aug.	Sept.	
1	0	7	3	11	0	9	
2	0	8	3	12	0	7	
3	0	8	3	13	4	5	
4	0	8	3	12	4	5	
5	0	8	3	11	3	3	
6	0	8	3	10	3	2	
7	0	8	3	11	5	2	
8	0	5	3	10	5	2	
9	0	0	3	11	8	1	
10	0	0	3	12	10	1	
11	1	0	3	6	10	1	
12	1	0	3	0	11	1	
13	1	0	2	14	11	1	
14	1	0	2	13	8	0	
15	1	2	3	12	0	0	
16	2	0	3	13	0	0	
17	2	0	2	13	0	0	
18	2	0	0	9	0	0	
19	3	8	0	8	0	0	
20	3	8	0	8	9	0	
21	2	8	0	10	17	3	
22	3	8	0	12	14	3	
23	4	7	0	11	14	1	
24	4	6	3	11	14	1	
25	4	6	7	11	13	1	
26	5	4	8	10	13	1	
27	5	3	8	11	13	1	
28	5	3	7	11	14	1	
29	5	3	8	12	14	1	
30	5	3	11	8	14	1	
31	..	3	..	0	11	..	
Mean	2	4	3	10	8	2	
Max.	5	8	11	14	17	9	
Min.	0	0	0	0	0	0	
A. F.	117	262	200	627	480	107	
Area reported 981 acres.		Acreage Reported					
Water diverted 1793 A. F.		D-876 981					
Per acre 1.83 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

MIDLAND-OVERLAND CANAL									
Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.	
1	15	5	*	24	21	22	9	10	
2	15	5	*	19	19	19	8	12	
3	15	5	*	25	20	10	8	5	
4	15	5	*	24	20	9	18	11	
5	15	5	*	24	22	5	20	12	
6	15	5	15	24	22	3	27	12	
7	15	5	15	24	22	16	22	16	
8	15	5	15	24	20	28	22	16	
9	15	5	15	24	22	28	17	15	
10	15	5	15	24	20	28	16	15	
11	20	0	16	24	20	30	16	8	
12	20	*	16	18	16	25	14	8	
13	20	*	16	18	18	28	15	3	
14	20	*	17	18	19	28	4	3	
15	20	*	17	20	18	25	0	0	
16	20	*	17	20	19	26	0	3	
17	20	*	18	20	18	24	0	3	
18	20	*	18	16	7	22	0	3	
19	20	*	18	15	7	22	0	3	
20	20	*	18	10	2	21	0	3	
21	25	*	18	5	2	21	0	3	
22	25	*	19	4	1	24	0	2	
23	25	*	19	3	1	23	12	4	
24	25	*	19	1	15	23	16	6	
25	25	*	17	19	17	21	0	15	
26	25	*	14	20	32	20	3	15	
27	26	*	27	19	34	13	9	15	
28	25	*	26	3	34	13	9	16	
29	25	*	27	9	29	14	9	16	
30	25	*	27	12	25	8	9	14	
31	25	..	..	19	..	10	10	..	
Mean	20	2	15	17	18	19	9	9	
Max.	26	5	27	25	34	30	27	16	
Min.	15	0	0	1	1	3	0	0	
A. F.	1242	†99	‡10	1049	1075	1208	551	530	
Area reported 2294 acres.							Acreage Reported		
Water diverted 6694 A. F.							D-789 998		
Per acre 3.04 A. F.							D-791 1104		
*No record.							D-800 102		
†Estimated.							Total 2294		

MINATARE CANAL							
Date	April	May	June	July	Aug.	Sept.	
1	0	1	25	79	87	98	
2	0	1	25	72	86	100	
3	0	1	25	97	85	95	
4	0	1	30	101	88	82	
5	0	1	25	106	92	84	
6	0	33	17	106	92	62	
7	0	31	17	105	81	68	
8	0	27	19	113	73	54	
9	0	32	11	112	67	47	
10	0	30	17	110	68	44	
11	0	30	11	113	78	43	
12	0	47	9	119	121	41	
13	0	68	9	122	106	40	
14	0	70	30	103	109	39	
15	0	73	32	104	100	39	
16	0	73	36	89	100	33	
17	0	87	60	88	98	36	
18	0	83	68	100	70	35	
19	0	75	72	102	49	34	
20	0	64	87	103	52	33	
21	0	73	91	107	48	36	
22	0	67	103	101	51	49	
23	1	76	104	112	44	72	
24	1	90	102	106	39	64	
25	1	112	103	100	44	47	
26	1	126	87	86	63	47	
27	1	121	90	64	82	51	
28	1	104	78	61	87	42	
29	1	107	70	70	79	37	
30	1	115	73	84	60	41	
31	..	70	..	89	73	..	
Mean	0.3	59	51	97	77	53	Acreage Reported D-919 9272
Max.	1.0	126	104	122	121	100	Area reported 9272 acres.
Min.	.0	1	9	61	39	33	Water diverted 20646 A. F.
A. F.	16.0	3747	3027	5980	4705	3171	Per acre 2.22 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

MITCHELL CANAL								
Date	Diverted from North Platte River							Sept.
	Oct.	Nov.	April	May	June	July	Aug.	
1	0	110	0	145	178	188	196	40
2	0	92	0	150	140	192	197	7
3	0	31	0	148	129	192	198	6
4	0	0	0	151	97	192	200	5
5	0	0	0	152	75	190	178	4
6	0	0	0	146	68	190	167	4
7	14	0	0	148	62	191	165	3
8	106	0	0	152	68	190	164	3
9	101	0	0	159	64	190	168	3
10	100	0	0	149	65	193	168	3
11	114	0	0	130	38	194	170	3
12	130	0	0	123	52	196	172	3
13	140	0	0	122	57	196	172	3
14	147	0	0	124	78	198	171	3
15	161	0	0	124	88	191	170	3
16	157	0	0	125	119	196	170	3
17	151	0	0	121	126	196	170	3
18	150	0	0	125	129	196	166	3
19	142	0	0	127	141	177	165	3
20	140	0	57	142	159	170	165	3
21	137	0	54	154	170	172	165	3
22	109	0	69	157	172	172	165	3
23	100	0	67	158	178	170	164	3
24	88	0	70	159	183	193	164	3
25	77	0	73	174	187	198	164	95
26	74	0	83	193	190	197	166	142
27	71	0	101	206	188	197	164	127
28	69	0	100	209	187	197	162	129
29	58	0	119	210	188	196	160	129
30	75	0	138	204	185	196	160	130
31	112	..	...	199	...	196	136	...
Mean	88	8	85	154	126	190	170	29
Max.	161	110	138	210	190	198	200	142
Min.	0	0	54	121	52	170	136	3
A. F.	5401	462	1850	9490	7500	11710	10440	1720

Area reported 12600 acres.

Water diverted 48583 A. F.

Per acre 3.57 A. F.

Adjudicated in Wyoming.

MUTUAL CANAL							
Date	Diverted from Pumpkinseed Creek						
	Oct.	April	May	June	July	Aug.	Sept.
1	*	*	5	4	4	0	2
2	*	*	5	4	4	0	2
3	*	*	5	4	4	0	2
4	*	*	5	4	4	0	2
5	*	*	5	4	4	0	2
6	*	*	5	4	4	0	3
7	*	*	4	4	4	0	5
8	*	*	4	4	4	0	5
9	*	*	4	4	2	0	5
10	*	4	4	4	0	0	5
11	*	4	4	4	0	0	5
12	*	4	4	0	0	0	5
13	*	4	4	0	0	0	4
14	*	4	5	0	0	0	4
15	*	4	5	0	0	0	4
16	*	4	6	0	0	0	4
17	*	5	6	0	0	0	4
18	*	5	6	0	0	0	4
19	*	5	6	0	0	0	3
20	*	5	2	0	0	0	3
21	*	6	3	0	0	0	3
22	*	6	3	0	0	0	3
23	*	6	4	4	0	0	3
24	*	6	4	4	0	2	3
25	*	6	4	4	0	3	4
26	*	6	4	4	0	2	4
27	*	6	4	4	0	2	3
28	*	6	4	4	0	2	3
29	*	6	4	4	0	2	3
30	*	6	4	4	0	2	2
31	*	..	5	..	0	2	..
Mean	*	4	4	3	1	1	3
Max.	*	6	6	4	4	3	5
Min.	*	0	2	0	0	0	2
A. F.	*	214	272	151	67	34	206

*No record.

Acreage Reported
D-843 455Area reported 455 acres.
Water diverted 944 A. F.
Per acre 2.08 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

NINE MILE CANAL

Date	Oct.	Diverted from				River	Aug.	Sept.
		Nov.	April	North May	Platte June				July
1	2	0	*	50	32	55	60	51
2	2	0	*	49	24	67	57	49
3	9	0	*	49	34	69	60	51
4	16	0	*	49	32	69	64	52
5	23	0	*	42	28	80	58	53
6	30	0	*	41	31	72	55	47
7	30	0	*	46	29	64	49	49
8	30	0	*	46	28	46	37	44
9	30	0	*	47	34	42	33	42
10	30	0	*	28	38	60	33	40
11	30	0	*	38	28	67	33	43
12	30	0	*	38	25	53	51	36
13	32	0	*	36	28	55	54	37
14	30	0	*	36	28	62	53	37
15	30	0	25	37	29	54	55	46
16	30	0	25	35	32	55	60	45
17	30	0	25	30	48	55	65	44
18	30	0	25	25	18	53	1	48
19	30	0	25	33	25	64	1	45
20	30	0	25	38	32	64	1	46
21	30	0	25	41	55	71	1	45
22	30	0	25	32	57	63	50	41
23	30	0	28	39	26	64	35	42
24	30	0	25	22	50	70	49	50
25	30	0	16	38	48	64	49	52
26	30	0	26	40	54	63	50	56
27	30	0	26	65	57	58	51	35
28	30	0	50	72	48	60	52	35
29	30	0	50	21	62	62	66	37
30	30	0	51	36	67	56	49	36
31	30	..	..	36	..	58	49	..
Mean	27	0	16	40	38	61	45	44
Max.	32	0	51	72	67	80	66	56
Min.	2	0	0	21	18	53	1	35
A. F. †1658	0	936	2450	2235	3759	2729	2646	

Area reported 5913 acres.

Water diverted 16423 A. F.

Per acre 2.78 A. F.

*No record.

†Estimated.

Acreage Reported

D-925 5913

NISSEN CANAL

Diverted from Sand Creek

Date	April	May	June	July	Aug.	Sept.
1	*	1	2	2	0	0
2	*	1	2	2	0	0
3	*	0	2	1	0	0
4	*	2	0	2	0	0
5	*	2	0	0	0	0
6	*	2	0	2	0	0
7	*	2	0	1	0	0
8	*	2	0	2	0	0
9	*	2	2	2	0	0
10	*	1	2	1	0	0
11	1	1	2	0	0	0
12	1	0	2	0	0	0
13	1	0	2	1	0	0
14	1	0	0	2	0	0
15	1	0	0	0	0	0
16	1	0	1	0	0	0
17	1	0	2	1	0	0
18	1	0	1	1	0	0
19	1	0	2	0	0	0
20	2	2	1	0	0	0
21	2	2	2	0	0	0
22	2	2	1	0	0	0
23	2	2	0	0	0	0
24	2	2	0	0	0	0
25	2	2	0	0	0	0
26	2	2	0	0	0	0
27	2	2	2	0	0	0
28	3	2	1	0	0	0
29	2	0	0	0	0	0
30	1	0	2	1	0	0
31	..	2	..	0	0	0
Mean	1	1.2	1	0.7	0	0
Max.	2	2.0	2	2.0	0	0
Min.	0	.0	0	.0	0	0
A. F. †61	71.0	61	42.0	0	0	0

*No record.

Acreage Reported
D-606 215Area reported 215 acres.
Water diverted 235 A. F.
Per acre 1.09 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

NORTH PLATTE CANAL						
Diverted from North Platte River						
Date	April	May	June	July	Aug.	Sept.
1	0	85	164	161	199	188
2	0	99	106	174	197	171
3	0	99	83	164	198	164
4	0	97	92	175	193	122
5	0	106	85	182	193	90
6	0	137	80	175	190	67
7	0	134	54	119	190	63
8	0	137	52	84	179	63
9	0	132	53	76	154	58
10	0	128	53	82	78	36
11	0	145	52	94	130	13
12	0	130	48	98	121	13
13	0	126	50	159	193	0
14	0	141	50	201	167	13
15	0	168	52	206	101	88
16	0	135	49	202	146	143
17	0	134	50	205	97	165
18	0	179	54	209	108	110
19	0	186	55	202	128	93
20	0	192	51	198	143	178
21	0	179	32	199	203	203
22	0	193	175	186	137	201
23	0	168	189	196	202	168
24	0	140	141	195	203	110
25	0	134	97	193	211	31
26	0	150	202	202	214	67
27	0	191	175	202	211	65
28	0	178	165	201	201	67
29	0	135	155	202	192	67
30	0	147	129	197	193	66
31	..	177	..	202	192	..
Mean	0	145	95	172	170	98
Max.	0	193	189	209	214	203
Min.	0	85	48	76	78	0
A. F.	0	8890	5639	10594	10441	5818
Water diverted 41382 A. F.						

NORTH PLATTE CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	8890	5639	10594	10441	5818	41382
Wasted to:—						
North Platte Canal Waste.....	1184	167	135	148	179	1813
Bout Creek	123	292	139	67	309	930
Total waste	1307	459	274	215	488	2743
Net diverted.....	7583	5180	10320	10226	5330	38639
Area reported 13969 acres.						
Net diverted 38639 A. F.						Acres Reported
Per acre 2.77 A. F.						D-635 13,969

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

NORTHPORT CANAL						NORTH RIVER CANAL					
Diversed from North Platte River and Pathfinder Reservoir						Diversed from North Platte River					
Measured at Tri-State Rating Flume											
Date	May	June	July	Aug.	Sept.	April	May	June	July	Aug.	Sept.
1	0	231	286	286	286	0	0	0	16	5	0
2	0	231	286	286	286	0	0	16	12	5	0
3	0	231	286	286	286	0	0	32	10	5	0
4	0	231	286	286	286	0	0	0	8	5	0
5	0	150	286	286	286	0	0	28	8	0	0
6	0	150	286	286	286	0	0	0	11	0	0
7	0	150	140	310	286	0	0	0	14	0	0
8	0	150	140	321	150	0	0	0	13	0	0
9	0	150	225	321	0	0	0	0	13	0	0
10	0	150	286	321	0	0	0	0	22	0	0
11	0	150	286	321	0	0	0	0	18	0	0
12	0	150	286	321	0	0	0	23	16	0	0
13	0	150	286	321	0	0	0	0	17	0	0
14	0	150	286	321	0	0	0	0	16	0	0
15	0	150	286	321	0	0	0	0	17	0	0
16	0	150	286	321	140	0	0	24	28	0	0
17	50	150	286	321	286	0	0	9	20	0	0
18	30	150	286	321	286	0	0	1	22	0	0
19	50	150	286	321	286	0	0	0	19	0	0
20	200	150	286	321	286	0	0	0	34	0	0
21	215	150	286	321	286	0	0	0	34	0	0
22	215	185	286	300	286	0	0	0	37	0	0
23	215	215	286	286	200	0	0	0	25	0	0
24	215	250	286	286	130	0	0	0	22	4	0
25	215	286	286	286	130	0	0	0	24	0	0
26	215	286	286	286	130	0	0	8	27	0	0
27	215	286	286	286	130	0	0	18	12	0	0
28	215	286	286	286	130	0	0	7	9	0	0
29	215	286	286	286	130	0	0	8	9	0	0
30	215	286	286	286	130	0	0	14	7	0	0
31	231	...	286	286	...	...	0	...	5	0	...
Mean	181	191	274	300	220	0	0	6	18	1	0
Max.	231	286	286	321	286	0	0	32	37	5	0
Min.	0	150	140	286	0	0	0	0	5	0	0
A. F.	5377	11584	16886	18633	10152	0	0	373	1081	48	0
Area reported 16135 acres. Acreage Reported						Area reported 5142 acres. Acreage Reported					
Water diverted 62632 A. F. A-768 16135						Water diverted 1502 A. F. D-787R 1103					
Including storage diversion.						Per acre 0.29 A. F. D-801R 87					
Per acre 3.88 A. F.						A-243 2952					
Storage diversions 35941 A. F.						Total 5142					

OLIVER RESERVOIR—KIMBALL IRRIGATION DISTRICT

Diversed from Lodgepole Creek, Storage in Acre-feet

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	430	.....	1675	.....	.....	.....	.....	3695	.....	.....	.....	.....
2	2130	2425	.....	.....	.....	.....	.....	.....	.....
3	3380	.....	.....	2720	.....	.....
4	560
5	3945	.....	.....	.....
6	2475	2900	.....	.....	.....	.....	.....	.....
7	1110	.....	.....	.....	.....	.....	.....	.....	.....	1480	.....
8	3735	.....	.....	.....	.....
9	2295	.....	.....	.....	.....	.....	.....	.....	.....
10	320	.....	.....	.....	.....	.....	3490	.....	.....	2975	.....	.....
11	1770	.....	.....	.....	.....	.....	.....	.....	.....	600
12	1790	.....	.....	.....	.....	.....	4010	.....	.....	.....
13	2550	3050	.....	.....	.....	2450	.....	.....
14	1305	.....	.....	.....	.....	.....	.....	.....	.....	935	.....
15	3775	.....	.....	.....	.....
16	2285	.....	.....	.....	.....	.....	.....	.....	.....
17	570	.....	.....	.....	.....	.....	3540	.....	.....	2655	.....	.....
18	350
19	1910	.....	.....	.....	.....	.....	4000	.....	.....	.....
20	2650	3290	.....	.....	.....	.....	.....	.....
21	1465	.....	.....	.....	.....	.....	.....	.....	.....	1505	.....
22	3780	.....	.....	.....	.....
23	2330	.....	.....	.....	.....	.....	.....	.....	.....
24	740	.....	.....	.....	.....	.....	3610	.....	.....	2305	.....	.....
25	250
26	2010	.....	.....	.....	.....	.....	3080	.....	.....	.....
27	2760	3230	.....	.....	.....	.....	.....	.....
28	1570	.....	.....	.....	.....	.....	.....	.....	.....	960	.....
29	3270	.....	3800	.....	.....	.....	.....
30	2400	.....	.....	.....	.....	.....	.....	.....	.....
31	960	.....	.....	.....	.....	.....	.....	.....	.....	1790	.....	.....

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

ORCHARD-ALFALFA CANAL

Date	Diversed from Platte River and Sutherland Reservoir							
	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	0	120	0	53	20	0	0	0
2	0	100	0	49	32	0	0	0
3	0	80	0	44	28	0	0	0
4	0	60	0	40	29	0	0	0
5	0	40	0	47	24	0	0	0
6	0	20	0	43	25	0	0	0
7	0	0	0	47	27	0	0	14
8	0	0	0	43	25	0	0	25
9	0	0	8	40	25	0	0	34
10	0	20	16	58	28	0	0	56
11	0	85	20	54	27	0	0	62
12	0	98	30	48	27	0	0	61
13	100	95	30	45	27	0	0	52
14	100	95	30	36	25	0	0	31
15	100	95	40	29	22	0	0	18
16	100	90	40	32	23	0	0	23
17	100	43	40	20	28	0	0	23
18	100	58	50	26	29	0	0	18
19	100	72	50	25	24	0	0	17
20	102	70	53	24	24	0	0	13
21	110	55	53	18	22	0	0	21
22	110	50	43	57	28	0	0	22
23	110	45	65	23	30	90	0	22
24	110	35	65	12	11	96	0	17
25	110	15	73	9	17	44	0	15
26	120	0	60	24	32	58	0	12
27	120	0	65	18	0	0	0	19
28	120	0	63	35	18	0	0	32
29	121	0	67	21	9	0	0	23
30	120	0	53	14	0	0	0	14
31	120	..	..	9	..	0	0	..
Mean	67	48	30	34	23	9	0	21
Max.	121	120	73	58	32	96	0	62
Min.	0	0	0	9	0	0	0	0
A. F. 4112	2858	2011	2087	1359	571	0	1277	
Area reported 5921 acres.						Acreage	Reported	
Water diverted 14275 A. F.						D-627	5921	
Per acre 2.42 A. F.								
No storage diversions.								

OHEKOSH CANAL

Date	Diversed from North Platte River							
	Oct.	April	May	June	July	AUG.	Sept.	
1	0	0	10	12	14	0	11	
2	0	0	9	12	14	0	12	
3	0	0	9	12	13	0	10	
4	5	0	9	12	12	0	4	
5	9	0	9	12	13	0	4	
6	11	0	9	12	7	0	6	
7	11	0	8	13	0	0	8	
8	12	0	8	14	0	0	5	
9	11	0	10	11	0	0	4	
10	10	0	10	0	0	0	4	
11	7	0	8	2	0	0	4	
12	7	0	6	2	0	0	4	
13	7	0	7	7	0	0	4	
14	4	0	6	10	0	0	6	
15	3	0	7	7	8	0	6	
16	1	0	6	6	11	0	6	
17	1	0	6	6	12	0	6	
18	1	0	6	8	12	0	6	
19	0	0	7	6	13	0	7	
20	0	0	9	2	10	0	6	
21	0	0	7	1	9	0	7	
22	0	0	7	12	10	0	7	
23	0	0	5	11	10	0	7	
24	0	0	5	12	10	0	7	
25	0	0	6	14	9	0	7	
26	0	0	9	16	9	12	7	
27	0	5	9	15	8	10	7	
28	0	10	8	15	8	10	8	
29	0	10	6	15	8	10	8	
30	0	9	8	12	8	10	9	
31	0	..	10	..	3	10	..	
Mean	3	1	7	10	7	2	6	
Max.	12	10	10	16	14	12	13	
Min.	0	0	5	0	0	0	2	
A. F. 198	67	474	573	458	123	391		
						Acreage Reported		
						D-797	2699	
						A-243R	182	
						Total	2881	
Area reported 2881 acres.								
Water diverted 2284 A. F.								
Per acre 0.79 A. F.								

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

OTTER CREEK CANAL							
Diverted from Otter Creek							
Date	Oct.	April	May	June	July	Aug.	Sept.
1	7	*	8	25	4	4	4
2	7	*	5	25	4	4	4
3	7	*	5	24	19	4	4
4	6	*	0	25	4	3	0
5	6	*	0	6	4	3	0
6	6	2	5	5	4	4	3
7	6	2	5	5	4	4	3
8	6	2	0	4	4	4	2
9	6	2	0	5	4	3	2
10	6	2	0	5	4	4	2
11	*	3	0	5	4	4	3
12	*	3	0	3	4	4	4
13	*	3	5	3	2	2	2
14	*	3	5	3	3	4	4
15	*	3	5	3	3	4	4
16	*	3	6	0	3	4	4
17	*	3	17	3	3	4	3
18	*	3	19	3	3	4	2
19	*	3	19	3	3	4	3
20	*	3	20	3	3	4	3
21	*	4	22	3	3	4	3
22	*	5	22	4	3	4	3
23	*	5	21	11	3	4	3
24	*	5	22	10	0	5	4
25	*	5	22	10	4	2	3
26	*	5	22	0	4	2	4
27	*	8	22	3	4	2	3
28	*	8	22	4	4	4	3
29	*	9	11	4	4	4	3
30	*	8	25	4	4	4	3
31	*	..	25	..	4	4	..
Mean	2	3	12	7	4	4	3
Max.	7	9	25	25	19	5	4
Min.	6	0	0	0	0	2	0
A. F. †25	202	714	419	244	226	157	

*No record.
†Estimated.

Acreage Reported	
D-1032	233
A-1R	802
A-1198	373
A-1240	55
Total	1463

Area reported 1463 acres.
Water diverted 2087 A. F.
Per acre 1.43 A. F.

OWASCO CANAL

Diverted from Lodgepole Creek							
Date	Oct.	May	June	July	Aug.	Sept.	
1	4	0	3	4	3	8	
2	4	0	3	5	2	4	
3	4	0	3	2	3	5	
4	4	0	3	2	3	5	
5	4	0	5	5	3	4	
6	4	0	5	4	3	4	
7	4	0	5	6	4	4	
8	5	0	5	5	3	4	
9	4	0	5	5	3	4	
10	4	0	6	5	3	4	
11	0	0	6	7	3	4	
12	0	0	5	7	3	6	
13	0	0	5	9	12	5	
14	0	0	4	12	3	5	
15	0	0	4	12	4	6	
16	0	0	4	11	5	6	
17	0	0	7	11	9	5	
18	0	0	3	9	15	6	
19	0	0	3	8	14	0	
20	0	0	4	8	12	4	
21	0	0	3	6	12	4	
22	0	1	3	6	9	4	
23	0	1	2	3	3	4	
24	0	2	2	4	7	4	
25	0	1	5	2	3	5	
26	0	1	6	2	7	5	
27	0	2	4	2	7	5	
28	0	2	3	2	7	5	
29	0	2	5	3	11	5	
30	0	2	3	3	11	6	
31	0	2	..	3	10	..	
Mean	1.3	0.5	4	6	7	5	
Max.	5.0	2.0	6	12	15	8	
Min.	.0	.0	2	2	2	4	
A. F.	81.0	32.0	238	343	420	290	

Water diverted 1404 A. F.

OWASCO CANAL (BAY STATE LATERAL)

Diverted from Lodgepole Creek							
Date	Oct.	May	June	July	Aug.	Sept.	
1	1.0	0.0	1.4	1.2	1.2	1.7	
2	1.0	.0	1.5	1.2	1.1	.8	
3	1.0	.0	1.3	1.5	1.3	1.0	
4	1.0	.0	1.7	1.5	1.1	1.0	
5	1.0	.0	1.7	1.8	1.1	.8	
6	1.0	.0	1.5	2.2	1.1	.8	
7	1.0	.0	1.8	1.9	1.3	.8	
8	1.0	.0	1.6	2.0	1.2	.8	
9	1.0	.0	1.6	2.7	1.2	.7	
10	.0	.0	1.6	2.0	1.0	.8	
11	.0	.0	1.6	2.0	1.1	.8	
12	.0	.0	1.7	3.0	1.2	1.0	
13	.0	.0	1.6	2.0	1.6	1.0	
14	.0	.0	1.3	2.0	1.3	1.1	
15	.0	.0	1.3	2.0	1.1	1.1	
16	.0	.0	1.3	2.2	1.1	1.2	
17	.0	.0	1.2	2.0	1.6	1.1	
18	.0	.0	1.2	2.0	1.4	1.3	
19	.0	.0	1.1	2.5	1.3	1.3	
20	.0	.0	.9	2.1	1.1	1.2	
21	.0	.0	.8	2.0	1.1	1.0	
22	.0	.0	.8	2.1	1.0	.9	
23	.0	.0	.7	2.6	1.3	.9	
24	.0	.9	.7	1.7	1.0	1.1	
25	.0	.7	.9	1.6	1.3	1.1	
26	.0	.8	1.0	.5	1.1	1.2	
27	.0	.8	.7	1.6	1.3	1.5	
28	.0	1.3	.7	1.0	1.5	1.1	
29	.0	1.3	1.2	1.1	1.6	1.1	
30	.0	1.4	.5	1.2	1.6	1.2	
31	.0	1.2	..	1.3	1.9	..	
Mean	0.3	0.3	1.2	2.0	1.3	1.0	
Max.	1.0	1.4	1.9	3.0	1.9	1.7	
Min.	.0	.0	.7	.5	1.0	.7	
A. F.	18.0	17.0	72.0	112.0	78.0	62.0	

Area reported 84 acres.

Water diverted 359 A. F.

Per acre 4.27 A. F.

Acreage Reported

D-347 84

(See next page for summary in acre-feet of Owasco Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1957—Continued

OWASCO CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from Lodgepole Creek.....	81	*	32	238	343	420	290	1404
Diverted for D-347 (Bay State Lateral) 18		*	17	72	112	78	62	359
Net diversions to A-725.....	63	*	15	166	219	342	228	1045

Area reported 689 acres.
Water diverted 1045 A. F.
Per acre 1.52 A. F.

Acreage Reported
A-725 689

*No record.

PAISLEY CANAL

Diverted from Blue Creek and Crescent Lake—A-1575								
Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	0	14	0	12	12	0	0	0
2	0	14	0	12	12	0	0	0
3	0	14	0	12	7	0	0	0
4	0	14	0	12	3	10	0	0
5	0	14	0	12	0	10	0	0
6	0	14	0	12	0	5	0	0
7	0	14	0	12	3	0	0	0
8	0	14	0	12	3	0	0	0
9	14	14	0	12	4	0	0	0
10	14	14	0	12	4	0	0	0
11	14	14	0	12	4	0	0	0
12	14	14	12	12	6	0	0	0
13	14	14	12	12	8	0	0	0
14	14	14	12	12	10	0	0	0
15	14	14	6	11	10	0	0	0
16	14	0	0	11	10	0	0	0
17	14	0	6	12	7	0	0	0
18	14	0	12	12	7	6	0	0
19	14	0	12	12	7	12	0	0
20	14	0	12	13	7	12	0	0
21	14	0	12	12	8	10	0	0
22	14	0	15	12	8	10	0	0
23	14	0	14	12	8	8	0	0
24	14	0	14	12	11	6	0	0
25	14	0	0	11	7	9	0	0
26	14	0	0	11	4	12	0	0
27	14	0	0	11	4	12	0	0
28	14	0	4	11	4	10	0	0
29	14	0	12	11	0	6	0	0
30	14	0	12	11	0	7	0	0
31	14	..	..	12	..	0	0	..
Mean	10	7	6	12	6	5	0	0
Max.	14	14	15	13	12	12	0	0
Min.	0	0	0	11	0	0	0	0
A. F. *639	*416	331	724	353	288	0	0	0

Area reported 1079 acres.
Water diverted 2751 A. F.
Per acre 2.55 A. F.
No storage diversions.
*Estimated.

Acreage Reported
D-800 822
A-515 95
A-1738 162
Total 1079

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

PATRICK CANAL							
Date	Diverted from Sand Creek					Sept.	
	April	May	June	July	Aug.		
1	0	2	0	0	0	0	
2	0	2	0	0	0	0	
3	0	2	2	0	0	0	
4	0	0	2	0	0	0	
5	0	0	2	2	2	0	
6	0	0	2	0	0	0	
7	0	0	2	0	2	0	
8	0	2	2	0	0	0	
9	0	0	0	0	0	0	
10	0	1	0	1	0	0	
11	0	2	0	2	1	0	
12	0	2	0	2	2	0	
13	0	2	0	0	2	0	
14	0	2	2	0	2	0	
15	0	2	2	0	2	0	
16	0	2	0	0	2	0	
17	0	2	0	0	2	0	
18	0	2	0	0	2	0	
19	0	2	0	2	2	0	
20	0	0	0	2	2	0	
21	0	0	0	2	2	0	
22	0	0	0	2	0	0	
23	0	0	2	2	0	1	
24	0	0	2	0	0	1	
25	0	0	2	0	0	0	
26	0	0	0	2	0	0	
27	0	0	0	2	0	0	
28	0	0	0	2	0	0	
29	0	2	2	2	0	0	
30	2	0	0	2	0	0	
31	..	0	..	2	2	..	
Mean	0.1	0.9	0.8	0.9	0.9	0.1	
Max.	2.0	2.0	2.0	2.0	2.0	1.0	
Min.	.0	.0	.0	.0	.0	.0	
A. F.	4.0	58.0	48.0	58.0	54.0	4.0	

D-725—No acreage report filed.

Water diverted 226 A. F.

PAXTON-HERSHEY CANAL							
Date	Diverted from North Platte River						
	Oct.	April	May	June	July	Aug.	Sept.
1	81	0	44	12	12	104	110
2	105	0	46	105	34	96	37
3	91	0	50	103	64	101	19
4	92	0	39	85	91	103	86
5	77	0	39	65	99	98	78
6	57	0	48	46	58	95	71
7	60	0	65	51	10	88	61
8	71	0	69	57	9	111	67
9	71	0	50	53	5	53	70
10	53	0	44	39	4	63	70
11	54	0	55	47	5	10	69
12	57	0	56	48	7	9	61
13	61	0	52	41	30	15	71
14	28	0	40	41	106	12	75
15	0	0	38	58	110	12	64
16	0	0	69	34	111	9	80
17	0	8	82	36	112	9	68
18	0	46	72	41	103	8	68
19	0	49	46	38	103	7	70
20	0	58	62	35	105	7	69
21	0	54	13	55	110	8	72
22	0	57	19	70	111	20	73
23	0	69	12	54	107	40	73
24	0	58	12	14	100	34	62
25	0	48	22	10	99	98	59
26	0	55	101	57	103	107	60
27	0	68	92	68	103	108	60
28	0	60	19	28	105	77	55
29	0	43	7	14	104	82	48
30	0	50	9	12	104	46	44
31	0	..	72	..	108	42	..
Mean	31	24	43	47	75	54	66
Max.	105	69	101	105	112	111	110
Min.	0	0	7	10	4	7	19
A. F. 1900	1434	2626	2811	4637	3326	3907	
Area reported	7456						
Water diverted	20641						
Per acre 2.77							
A. F.							
D-653							
7456							

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

RAMSHORN CANAL

Date	Diverted from North Platte River					Sept.
	April	May	June	July	Aug.	
1	0	0	12	17	15	5
2	0	0	10	21	19	5
3	0	0	8	19	8	5
4	0	5	8	18	18	4
5	0	2	7	17	20	5
6	0	3	0	17	6	5
7	0	3	0	10	7	5
8	0	3	0	19	8	5
9	0	4	0	15	7	4
10	0	4	3	19	10	4
11	0	4	7	16	9	5
12	0	4	8	17	19	5
13	0	4	8	16	10	5
14	0	3	8	16	9	4
15	0	3	9	16	8	5
16	0	3	6	16	15	5
17	0	10	5	17	8	4
18	0	9	10	14	7	5
19	0	9	17	18	4	15
20	0	3	16	21	4	15
21	0	3	17	18	3	5
22	0	17	19	17	3	5
23	0	17	19	16	3	4
24	0	21	19	13	5	2
25	0	14	18	11	4	2
26	0	13	19	14	5	1
27	0	17	19	10	8	1
28	0	18	17	8	5	1
29	0	16	18	7	5	1
30	0	13	17	20	5	1
31	0	13	17	20	5	1
Mean	0	8	11	16	8	5
Max.	0	21	19	21	20	15
Min.	0	0	0	7	3	1
A. F.	0	472	643	978	520	274

Acreage Reported

D-918R 210

D-945 1971

Total 2181

Area reported 2181 acres.

Water diverted 2887 A. F.

Per acre 1.33 A. F.

RIVERSIDE CANAL

Date	Diverted from Frenchman River					Sept.
	Oct.	May	June	July	Aug.	
1	*	*	*	10	15	21
2	*	*	*	10	15	25
3	*	*	*	10	12	25
4	*	*	*	10	0	25
5	*	*	*	10	10	25
6	*	26	0	11	15	26
7	*	*	*	11	15	25
8	*	*	*	10	0	20
9	*	*	*	12	0	0
10	*	*	*	14	0	0
11	*	*	*	16	0	0
12	*	*	*	18	0	0
13	*	*	*	15	0	0
14	*	*	*	10	0	0
15	*	*	*	20	0	0
16	*	*	*	20	0	25
17	*	*	*	21	0	25
18	*	*	*	18	7	35
19	*	*	*	14	4	25
20	*	*	*	16	0	25
21	*	*	*	15	0	25
22	*	*	*	15	0	25
23	*	*	*	14	0	25
24	*	*	*	14	0	25
25	*	*	*	12	8	25
26	*	*	*	13	15	25
27	*	*	0	13	15	23
28	*	*	*	13	15	21
29	*	*	*	13	15	20
30	*	*	*	14	15	19
31	*	*	*	14	17	..
Mean	*	*	*	14	6	18
Max.	*	*	*	21	17	26
Min.	*	*	*	10	0	0
A. F.	*	*	*	1851	1383	11091
Area reported 1044 acres.	Acreage Reported					
Water diverted 2325 A. F.	D-18 497					
Per acre 2.22 A. F.	A-1674 547					
*No record.	Total 1044					
†Estimated.						

ROUND HOUSE ROCK CANAL

Date	Diverted from Pumpkinseed Creek					Sept.
	April	May	June	July	Aug.	
1	0	2	0	1	0	1
2	0	2	0	1	0	1
3	0	2	0	1	0	1
4	0	2	0	1	0	1
5	0	2	0	1	0	0
6	0	2	0	1	0	0
7	0	2	0	1	0	0
8	0	2	0	2	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	1	0	0	0	0	0
16	1	0	0	0	0	0
17	1	0	0	0	0	0
18	1	0	0	0	0	0
19	1	0	0	0	0	0
20	1	0	0	0	0	0
21	1	0	0	0	0	0
22	1	0	0	0	0	0
23	1	0	0	0	0	0
24	2	2	0	0	0	0
25	2	2	0	0	0	0
26	2	2	0	0	0	0
27	2	2	0	0	0	0
28	2	2	0	0	1	0
29	2	2	0	0	1	1
30	2	2	0	0	1	2
31	..	2	..	0	1	..
Mean	0.8	1	0	0.3	0.1	0.2
Max.	2.0	2	0	2.0	1.0	2.0
Min.	.0	0	0	.0	.0	.0
A. F.	46.0	63	0	18.0	8.0	14.0
Area reported 121 acres.	Acreage Reported					
Water diverted 149 A. F.	D-884 121					
Per acre 1.23 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

RUSH CREEK CANAL							RUTTNER CANAL, NEW					
Date	Diverted from North Platte River						Diverted from Lodgepole Creek					
	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	1.5	2.5	0.0	1.6	0.9	1.7
2	0	0	0	0	0	0	2.0	2.5	.4	1.7	2.5	1.7
3	0	0	0	0	0	0	1.8	2.5	.4	.0	2.2	1.3
4	0	0	0	0	0	0	1.7	2.5	.0	.0	2.3	1.4
5	0	0	0	0	0	0	1.9	2.5	.0	.0	2.0	1.1
6	0	0	0	0	0	0	1.5	2.5	.0	1.5	1.6	1.2
7	0	0	0	0	0	0	1.5	2.5	.0	1.6	2.0	1.2
8	0	0	0	0	0	0	1.5	2.5	.4	1.3	2.0	1.4
9	0	0	1	0	0	0	1.7	2.5	.7	1.3	2.1	1.1
10	0	0	1	0	0	0	1.5	2.5	1.1	1.8	1.0	.6
11	0	0	1	0	0	0	1.5	2.5	1.3	2.0	1.2	.5
12	0	0	2	0	0	0	1.5	2.5	1.3	1.8	1.7	.6
13	0	0	2	0	0	0	1.5	2.5	1.5	1.8	2.2	.5
14	0	0	2	0	0	0	1.5	2.5	1.6	1.8	2.2	.6
15	0	0	1	0	0	0	1.5	2.5	1.8	1.7	1.7	.6
16	0	0	1	0	0	0	1.5	2.5	1.9	1.7	1.6	.5
17	0	0	1	1	0	0	1.5	2.5	2.0	1.7	1.7	.7
18	0	0	0	2	0	0	1.5	2.5	2.0	1.6	1.8	.9
19	0	0	0	2	0	0	1.5	2.5	1.8	1.5	1.5	.7
20	0	0	0	1	0	0	1.5	2.5	1.4	1.5	2.5	.9
21	0	0	0	1	0	0	1.5	2.5	1.2	1.7	2.4	2.3
22	0	0	0	1	0	0	1.5	2.7	1.2	1.7	2.2	.7
23	0	0	0	1	0	0	1.5	2.7	1.2	1.7	2.0	1.2
24	0	0	0	1	0	0	1.5	2.0	2.0	1.7	1.7	1.0
25	0	0	0	1	0	0	1.5	2.0	2.0	1.5	1.7	1.0
26	0	0	0	1	0	0	1.5	2.0	2.0	1.7	1.4	.5
27	0	0	0	1	0	0	1.5	1.2	1.6	2.5	1.6	.5
28	0	0	0	0	0	0	1.5	1.0	1.5	1.8	1.7	.5
29	0	0	0	0	0	0	1.5	.9	1.6	2.0	1.6	.5
30	0	0	0	0	0	0	1.5	.9	1.6	1.8	1.6	.5
31	0	0	0	0	0	0	1.5	.6	..	1.6	1.4	..
Mean	0	0	0.4	0.4	0	0	1.6	2.2	1.2	1.5	1.7	0.9
Max.	0	0	2.0	2.0	0	0	2.0	2.7	2.0	2.5	2.5	1.7
Min.	0	0	.0	.0	0	0	1.5	.6	.0	.0	.9	.5
A. F.	0	0	24.0	26.0	0	0	*95.0	*136.0	71.0	94.0	107.0	55.0
Area reported	569 acres.						Area reported 232 acres.					
Water diverted	50 A. F.						Water diverted 558 A. F.					
Per acre	0.09 A. F.						D-802 569					
							A-727 39					
							A-857 127					
							A-869 44					
							Total 232					

SCRIPTER CANAL									
Date	Diverted from Clear Creek								
	Oct.	Nov.	April	May	June	July	Aug.	Sept.	
1	0	1	*	0	0	1	0	0	
2	0	1	*	4	0	1	0	0	
3	0	1	*	0	0	0	0	0	
4	0	1	*	0	0	0	0	0	
5	0	1	*	0	0	1	0	0	
6	2	1	*	0	0	0	0	0	
7	2	1	*	0	0	0	0	0	
8	2	1	*	0	0	0	0	0	
9	2	1	*	0	2	0	0	0	
10	2	1	*	0	0	0	0	0	
11	3	0	*	0	0	0	0	0	
12	3	0	*	0	0	0	0	0	
13	3	0	*	3	0	0	0	0	
14	3	0	*	3	0	0	0	0	
15	3	0	*	3	0	0	0	0	
16	3	0	*	3	0	0	0	0	
17	3	0	*	3	0	0	0	0	
18	3	0	*	1	0	0	0	0	
19	3	0	*	0	0	0	0	0	
20	3	0	0	0	0	0	0	0	
21	3	0	0	0	0	0	0	1	
22	3	0	0	0	0	0	0	0	
23	3	0	0	0	0	0	0	0	
24	3	0	0	0	0	0	0	0	
25	3	0	0	0	0	0	0	1	
26	2	0	0	3	0	0	0	0	
27	2	0	0	1	0	0	0	0	
28	2	0	4	1	0	0	0	0	
29	2	0	4	0	0	0	0	0	
30	2	0	0	0	0	0	0	2	
31	1	..	..	..	..	0	0	..
Mean	2.2	0.3	0.3	0.8	0.1	0.1	0	0.1	
Max.	3.0	1.0	4.0	4.0	2.0	1.0	0	2.0	
Min.	.0	.0	.0	.0	.0	.0	0	.0	
A. F.	1131.0	120.0	16.0	50.0	4.0	6.0	0	8.0	
	*No record. †Estimated.							Area reported 175 acres.	
								Water diverted 235 A. F.	
								Per acre 1.34 A. F.	

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SHERIDAN-WILSON CANAL

Diverted from North Platte River

Date	Oct.	April	May	June	July	Aug.	Sept.
1	9	0	18	9	10	11	1
2	9	0	8	7	9	6	0
3	9	0	9	4	11	5	2
4	9	0	8	0	11	4	18
5	0	0	9	0	4	4	14
6	0	0	8	0	5	5	3
7	0	0	8	0	10	5	2
8	0	0	8	0	7	5	1
9	0	0	7	0	9	2	2
10	0	0	6	0	8	1	1
11	0	0	3	0	8	4	0
12	0	0	0	0	9	12	0
13	0	0	0	0	8	9	0
14	0	0	2	0	8	8	0
15	0	0	3	0	9	13	0
16	0	0	3	0	9	8	0
17	0	0	4	0	11	5	0
18	0	0	3	0	10	12	0
19	0	0	10	2	9	8	0
20	0	0	19	6	11	9	0
21	0	0	14	8	13	7	0
22	0	0	14	4	6	12	9
23	0	0	14	0	4	10	10
24	0	0	13	2	6	7	11
25	0	0	17	4	6	10	9
26	0	0	12	7	7	6	5
27	0	0	2	6	4	6	3
28	0	19	2	8	3	2	2
29	0	17	3	6	2	0	2
30	0	20	11	9	3	0	2
31	0	..	14	..	12	1	..
Mean	1	2	8	3	8	6	3
Max.	9	20	19	9	13	13	18
Min.	0	0	0	0	2	0	0
A. F.	71	109	500	163	480	391	192

Water diverted 1906 A. F.

SHERIDAN-WILSON CANAL

Diverted from Sarben Slough

Date	Oct.	April	May	June	July	Aug.	Sept.
1	4	0	4	4	3	3	2
2	4	0	3	4	3	3	1
3	4	0	3	3	3	3	2
4	4	0	3	0	3	3	3
5	0	0	4	0	3	3	3
6	0	0	4	0	2	3	2
7	0	0	3	0	3	3	5
8	0	0	4	0	3	3	3
9	0	0	3	0	3	3	2
10	0	0	2	0	3	3	2
11	0	0	4	0	3	3	1
12	0	0	0	0	2	3	2
13	0	0	0	0	3	4	1
14	0	0	3	0	3	3	1
15	0	0	3	0	3	3	1
16	0	0	3	0	3	2	1
17	0	0	3	0	3	2	1
18	0	0	2	0	3	2	1
19	0	0	2	3	3	2	1
20	0	0	3	3	3	2	1
21	0	0	2	2	4	2	1
22	0	0	3	0	3	1	1
23	0	0	2	3	4	2	1
24	0	0	3	3	3	1	1
25	0	0	3	2	4	3	1
26	0	0	5	5	3	3	1
27	0	0	4	4	3	2	1
28	0	2	4	4	3	1	1
29	0	2	3	3	3	0	1
30	0	2	3	3	3	0	1
31	0	..	3	..	4	2	..
Mean	0.5	0.2	3	4	4	2	1
Max.	4.0	2.0	4	5	4	4	5
Min.	.0	.0	2	2	2	1	1
A. F.	32.0	12.0	180	91	188	143	91

Water diverted 737 A. F.

Note:—This diversion is made below the Sarben Slough rating station.

(See next page for summary in acre-feet of Sheridan-Wilson Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SHERIDAN-WILSON CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from:—								
North Platte River.....	71	100	500	163	480	391	192	1906
Barben Slough	32	12	180	91	188	143	91	737
Total diversion	103	121	680	254	668	534	283	2643

Area reported 676 acres.
Water diverted 2643 A. F.
Per acre 3.92 A. F.

Acres Reported
D-710 676

SHORT LINE CANAL

Date	Diverted from North Platte River							Aug.	Sept.
	Oct.	Nov.	April	May	June	July			
1	18	18	0	0	2	16	32	15	
2	18	12	0	0	2	30	30	9	
3	18	8	0	0	2	22	29	9	
4	18	4	0	0	2	21	13	11	
5	18	0	0	0	2	20	9	11	
6	18	0	0	26	2	15	8	13	
7	18	0	0	23	2	15	18	15	
8	18	0	0	22	2	21	20	8	
9	18	0	0	22	2	15	19	2	
10	18	0	0	22	2	15	23	2	
11	0	0	0	23	2	29	20	2	
12	0	0	0	23	2	32	24	2	
13	0	0	0	21	2	34	25	2	
14	0	0	0	22	2	44	9	2	
15	0	0	0	22	2	7	12	2	
16	0	0	0	24	2	23	15	2	
17	10	0	0	24	34	7	13	5	
18	18	0	0	23	37	22	1	6	
19	18	0	0	25	35	22	1	5	
20	18	0	0	25	39	21	1	4	
21	18	0	0	24	34	54	1	5	
22	18	0	0	25	33	54	1	4	
23	18	0	0	25	40	57	1	5	
24	18	0	0	24	39	25	1	7	
25	18	0	0	24	34	15	1	8	
26	18	0	0	25	24	13	1	8	
27	18	0	0	25	15	12	23	9	
28	18	0	0	24	16	10	26	8	
29	18	0	0	25	17	35	25	5	
30	18	0	0	20	15	29	28	4	
31	18	..	..	18	..	31	15	..
Mean	14	1	0	20	15	25	14	6	
Max.	18	18	0	26	40	57	32	15	
Min.	0	0	0	0	2	7	1	2	
A. F. *877	*83	0	1202	881	1519	883	377		

Area reported 2985 acres.
Water diverted 5822 A. F.
Per acre 1.95 A. F.

Acres Reported
D-946 2985

*Estimated.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SIGNAL BLUFF CANAL									
Date	Diverted from North Platte River							Aug.	Sept.
	Oct.	Nov.	April	May	June	July	July		
1	0	8	0	0	1	12	0	0	
2	0	8	0	0	1	9	0	0	
3	0	8	0	0	2	7	0	0	
4	0	8	0	0	5	7	0	0	
5	0	8	0	0	5	7	0	0	
6	0	8	0	0	4	7	0	0	
7	0	8	0	3	4	4	0	0	
8	0	8	0	5	4	0	0	0	
9	0	8	0	7	4	0	0	0	
10	0	8	0	8	4	0	0	0	
11	0	8	0	8	3	0	0	0	
12	0	8	0	8	4	0	0	0	
13	0	8	0	7	4	0	0	0	
14	0	8	0	5	5	0	0	0	
15	0	8	0	5	4	2	0	0	
16	7	8	0	5	3	19	0	0	
17	7	8	0	4	3	12	0	0	
18	7	8	0	3	2	4	0	0	
19	7	8	0	3	2	4	0	0	
20	7	8	0	3	1	3	0	0	
21	7	0	0	3	1	3	0	0	
22	7	0	0	2	1	13	0	0	
23	7	0	0	2	1	13	0	0	
24	7	0	0	1	1	13	0	0	
25	7	0	0	1	6	13	0	0	
26	7	0	0	1	10	13	0	0	
27	7	0	0	1	10	13	0	0	
28	7	0	0	1	10	13	0	0	
29	7	0	0	1	12	13	0	0	
30	7	0	0	1	16	12	0	0	
31	7	..	..	1	..	0	0	..
Mean	3.6	5.2	0	3	4	7	0	0	
Max.	7.0	8.0	0	8	16	19	0	0	
Min.	.0	.0	0	0	1	0	0	0	
A. F.	*222.0	*317.0	0	177	264	428	0	0	

Area reported 1436 acres.

Water diverted 1408 A. F.

Per acre 0.98 A. F.

*Estimated.

Acreage Reported

D-807 1436

SIX MILE CANAL									
Date	Diverted from Platte River and Sutherland Reservoir							Aug.	Sept.
	Oct.	Nov.	Dec.	May	June	July	July		
1	0	17	12	0	0	0	0	0	
2	0	17	12	0	0	0	0	0	
3	0	17	12	0	0	0	0	0	
4	0	17	12	0	0	0	0	0	
5	0	0	6	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	
14	0	5	0	0	0	0	0	0	
15	0	9	0	0	0	0	0	0	
16	0	9	0	0	0	0	0	0	
17	0	12	0	0	0	0	0	0	
18	0	15	0	0	0	0	0	0	
19	0	17	0	0	0	0	0	0	
20	0	17	0	0	0	0	0	0	
21	0	17	0	0	0	0	0	0	
22	0	17	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	
29	7	4	0	0	0	0	0	0	
30	15	8	0	0	0	0	0	0	
31	16	..	0	0	..	0	0	..	
Mean	1	7	2	0	0	0	0	0	
Max.	16	17	12	0	0	0	0	0	
Min.	0	0	0	0	0	0	0	0	
A. F.	*75	*393	*107	0	0	0	0	0	

*Estimated.

Acreage Reported

D-680 1830

Area reported 1830 acres.

Water diverted 575 A. F.

No storage diversions.

Per acre 0.31 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SMITH-WHEELER CANAL

Date	Oct.	Nov.	Diverted from April	Pumpkinseed May	Creek June	July	Aug.	Sept.
1	*	*	0	1	1	1	0	1
2	*	*	0	1	2	1	0	1
3	*	*	0	1	2	1	0	1
4	*	*	0	1	2	1	0	1
5	*	*	0	1	2	1	0	1
6	*	*	0	1	2	1	0	2
7	*	*	0	1	2	1	0	2
8	*	*	0	1	2	1	0	3
9	*	*	0	1	2	0	0	2
10	*	*	0	1	2	0	0	2
11	*	*	1	1	1	0	0	2
12	*	*	1	1	1	0	0	2
13	*	*	1	1	1	0	0	1
14	*	*	1	2	1	0	0	1
15	*	*	1	2	1	0	0	1
16	*	*	1	2	1	0	0	1
17	*	*	1	2	1	0	0	1
18	*	*	1	2	0	0	0	1
19	*	*	1	2	0	0	0	1
20	*	*	1	2	0	0	0	2
21	*	*	1	2	0	0	0	1
22	*	*	1	2	1	0	0	1
23	*	*	2	1	1	0	0	2
24	*	*	1	1	1	0	1	2
25	*	*	1	1	2	0	1	2
26	*	*	1	1	2	0	1	2
27	*	*	1	1	2	0	2	3
28	*	*	1	1	2	0	2	3
29	*	*	1	1	1	0	2	3
30	*	*	1	1	1	0	2	3
31	*	*	..	1	..	0	2	..
Mean	*	*	0.7	1.3	1.3	0.3	0.4	1.7
Max.	*	*	2.0	2.0	2.0	1.0	2.0	3.0
Min.	*	*	.0	1.0	.0	.0	.0	1.0
A. F.	*	*	42.0	79.0	77.0	16.0	26.0	181.0
Area reported 75 acres.								
Water diverted 241 A. F.						Acreage Reported		
						D-842a 60		
						D-842b 15		
						*No record.		
						Total 75		

BOEHL CANAL

Date	Oct.	Nov.	Diverted from April	Lozorgan May	Creek June	July	Aug.	Sept.
1	6	0	0	1	1	0	0	1
2	6	0	0	1	1	0	0	1
3	6	0	2	1	0	0	0	0
4	6	0	2	1	0	0	0	0
5	6	0	2	1	4	0	0	0
6	6	0	2	1	4	0	0	0
7	6	0	2	1	2	0	0	0
8	6	0	3	1	0	0	0	1
9	6	0	3	0	0	0	0	0
10	6	0	3	0	0	0	0	0
11	6	0	3	0	0	0	0	0
12	6	0	3	0	0	0	0	0
13	6	0	3	0	0	0	0	0
14	6	0	3	0	0	0	0	0
15	6	0	3	0	0	0	0	0
16	6	0	3	0	0	0	0	0
17	6	0	3	0	0	0	0	0
18	6	0	3	0	0	0	0	0
19	6	0	3	0	0	0	0	0
20	6	0	3	0	0	0	0	0
21	0	0	3	2	0	1	0	0
22	0	0	3	2	0	4	0	0
23	0	0	1	2	0	5	0	0
24	0	0	4	3	0	5	0	0
25	0	0	0	2	0	0	0	0
26	0	0	0	5	0	0	0	0
27	0	0	0	2	0	1	0	0
28	0	0	2	5	0	1	2	0
29	0	0	2	5	0	0	2	0
30	0	0	2	4	0	1	1	0
31	0	0	..	..	..	0	1	..
Mean	4	0	2.1	1.3	0.3	0.6	0.3	..
Max.	6	0	4.0	3.0	2.0	3.0	1.0	..
Min.	0	0	.0	.0	.0	.0	.0	..
A. F.	1238	0	129.0	79.0	20.0	38.0	16.0	..
†Estimated.								
						Acreage Reported		
						D-497a 140		
						D-497b 60		
						Total 200		
						Area reported 200 acres.		
						Water diverted 520 A. F.		
						Per acre 2.60 A. F.		

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SPOHN CANAL						
Date	Diverted from North Platte River					Sept.
	Oct.	May	June	July	Aug.	
1	7	0	13	2	0	5
2	7	0	13	2	0	6
3	7	0	13	1	0	5
4	7	0	13	0	0	2
5	7	0	13	0	0	6
6	7	0	13	0	0	6
7	7	0	15	0	0	6
8	7	0	21	0	0	6
9	7	0	21	0	0	2
10	7	0	18	0	0	2
11	7	0	17	0	0	2
12	7	0	16	0	0	2
13	7	0	17	0	0	2
14	7	13	15	0	0	2
15	7	13	12	0	0	2
16	7	13	11	8	0	3
17	7	13	9	9	0	3
18	7	13	9	9	0	2
19	7	13	7	9	0	1
20	7	13	7	8	0	1
21	0	13	6	8	0	1
22	0	13	5	8	0	1
23	0	13	4	8	0	1
24	0	13	3	8	0	1
25	0	13	2	6	0	1
26	0	13	2	5	3	1
27	0	13	3	5	3	2
28	0	13	3	4	3	1
29	0	13	3	5	3	1
30	0	13	4	4	3	1
31	0	13	..	2	5	..
Mean	5	8	10	4	1	3
Max.	7	13	21	9	5	6
Min.	0	0	2	0	0	1
A. F. 1278	464	611	220	40	153	
Area reported	1040 acres.		Acreage Reported			
Water diverted	1766 A. F.		D-801 1040			
Per acre	1.70 A. F.					
†Estimated.						

SUBURBAN CANAL						
Date	Diverted from North Platte River					
	Oct.	May	June	July	AUG.	Sept.
1	58	0	63	51	46	63
2	60	0	90	53	55	64
3	60	0	84	55	49	71
4	57	37	103	60	85	97
5	52	34	75	92	51	86
6	55	35	90	52	37	76
7	58	36	65	40	67	52
8	57	36	60	45	65	42
9	45	50	67	56	32	22
10	42	47	70	57	41	22
11	41	39	67	57	52	22
12	45	40	61	55	49	22
13	51	38	51	66	49	22
14	22	37	49	72	46	42
15	18	52	79	46	43	36
16	4	55	66	47	43	47
17	4	58	37	44	44	46
18	4	34	36	41	44	44
19	4	32	35	39	50	39
20	4	43	30	37	61	32
21	4	40	39	43	52	30
22	4	44	48	36	49	45
23	4	44	36	36	51	51
24	0	36	23	37	54	54
25	0	43	26	39	77	54
26	0	72	61	46	75	64
27	0	64	31	57	79	84
28	0	61	54	66	47	79
29	0	58	52	85	30	65
30	0	63	50	56	26	70
31	0	57	..	59	45	..
Mean	24	41	56	52	51	51
Max.	60	72	103	92	85	97
Min.	0	0	23	36	26	22
A. F. 1493	2549	3368	3223	3162	3062	
Water diverted	16857 A. F.					

SUBURBAN CANAL						
Date	Diverted from Lincoln County Drain No. 1					
	Oct.	May	June	July	Aug.	Sept.
1	* 0	0	0	19	21	30
2	* 0	0	0	20	30	30
3	* 0	0	0	21	31	30
4	* 0	0	0	21	31	31
5	* 0	0	0	21	31	18
6	* 0	6	6	21	30	18
7	* 0	6	6	21	31	18
8	* 0	6	6	20	30	18
9	* 0	6	6	20	31	18
10	* 0	6	6	22	30	17
11	* 0	6	6	0	30	16
12	* 0	6	6	23	30	17
13	* 0	6	6	26	31	18
14	* 0	6	6	27	30	17
15	* 0	6	6	28	30	16
16	* 0	10	10	27	0	17
17	* 0	10	10	29	29	17
18	* 0	10	10	22	29	17
19	* 0	10	10	23	29	17
20	* 0	10	10	23	29	9
21	* 0	12	12	23	29	3
22	* 0	12	12	22	28	0
23	* 0	12	12	22	29	0
24	* 0	12	12	23	28	0
25	* 0	12	12	23	29	0
26	* 0	18	18	29	29	0
27	* 0	19	19	30	30	0
28	* 0	20	20	30	30	0
29	* 0	22	22	30	30	0
30	* 0	20	20	30	29	0
31	* 0	..	..	30	29	..
Mean	* 0	9	9	23	29	13
Max.	* 0	22	22	30	31	31
Min.	* 0	0	0	0	0	0
A. F. 1493	533	1440	1771	777		
Water diverted	4521 A. F.					
*No record.						

(See next page for summary in acre-feet of Suburban Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SUBURBAN CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:—							
North Platte River.....	1493	2549	3368	3223	3162	3062	16857
Lincoln Co. Drain No. 1 (O. D. A-2648).. *	0	0	533	1440	1771	777	4321
Total diversion	1493	2549	3901	4663	4933	3839	21378

Area reported 8642 acres.

Water diverted 21378 A. F.

Per acre 2.46 A. F.

*No record.

Acreage Reported

D-662 (O. D. A-2648) 8642

SUTHERLAND RESERVOIR SUPPLY CANAL

Diverted from North Platte River

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	1100	810	898	0	0	0	0	0	0	0
2	0	0	1200	580	920	0	0	0	0	0	0	0
3	0	0	1335	349	419	0	0	0	0	0	0	0
4	0	137	1330	333	920	0	0	0	0	0	0	0
5	0	185	763	453	0	0	0	0	0	0	0	0
6	0	356	558	550	0	0	0	0	0	0	0	0
7	0	404	663	582	0	0	0	0	0	0	0	0
8	0	395	758	645	0	0	0	0	0	0	0	0
9	0	416	1060	665	0	0	0	0	0	0	0	0
10	0	681	1213	618	0	0	0	0	0	0	0	0
11	0	797	1194	638	0	0	0	0	0	0	0	0
12	0	966	1240	693	0	0	0	0	0	0	0	0
13	0	915	1326	713	0	0	0	0	0	0	0	0
14	0	1252	1312	766	0	0	0	0	0	0	0	0
15	0	1289	1324	813	0	0	0	0	0	0	0	0
16	0	1284	1324	808	0	0	0	0	0	0	0	0
17	0	747	1324	802	0	0	0	0	0	0	0	0
18	0	1208	1324	849	0	0	0	0	0	0	0	0
19	0	1300	1405	850	0	0	0	0	0	0	0	0
20	0	1310	1490	871	0	0	0	0	0	0	0	0
21	0	1310	1520	881	0	0	0	0	0	0	0	0
22	0	1320	1515	760	0	0	0	0	0	0	0	0
23	0	1003	1515	772	0	120	0	0	0	0	0	0
24	0	1000	1521	818	0	205	0	0	0	0	0	0
25	0	705	1494	750	0	502	0	0	0	0	0	0
26	0	960	1447	707	0	1098	0	0	0	0	0	0
27	0	1000	1352	754	0	1012	0	0	0	0	0	0
28	0	1000	1358	835	0	1320	0	0	0	0	0	0
29	0	1000	1398	842	..	1628	0	0	0	0	0	0
30	0	1000	1420	843	..	1465	0	0	0	0	0	0
31	0	..	1126	845	..	0	..	0	..	0	0	..
Mean	0	796	1251	716	113	238	0	0	0	0	0	0
Max.	0	1320	1520	881	920	1628	0	0	0	0	0	0
Min.	0	0	508	333	0	0	0	0	0	0	0	0
A. F.	0	47365	76866	44023	6310	14578	0	0	0	0	0	0

Water diverted 189142 A. F.

Reported by the district.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

SUTHERLAND RESERVOIR
Total Live Storage in Acre-feet

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	30400	56250	64500	50200	37250	34700	10550	7600	0	0
2	0	0	31850	56250	66450	49500	36500	34100	10550	7500	0	0
3	0	0	33400	56250	67100	48100	36000	33950	10500	7400	0	0
4	0	0	34300	56250	67700	45800	35500	33850	10500	7250	0	0
5	0	0	35300	56250	68700	44700	34800	33750	10350	7175	0	0
6	0	0	35500	56250	68350	42500	34100	33700	10200	7175	0	0
7	0	0	35500	55900	68000	41700	33200	33600	10050	7050	0	0
8	0	0	35500	55900	68000	41700	32500	33500	9900	7050	0	0
9	0	0	35500	55900	67100	41200	31800	33300	9800	6950	0	0
10	0	0	36000	55900	66450	41200	31100	33250	9800	6950	0	0
11	0	1000	36750	55900	64500	40600	30500	33100	9650	6500	0	0
12	0	2700	38250	56075	63800	40300	29800	32950	9500	5800	0	0
13	0	4500	38250	56500	63250	39800	29000	32750	9350	5050	0	0
14	0	6200	39250	54750	62950	39300	28300	32750	9200	4050	0	0
15	0	8200	39100	55350	62900	39100	27500	32500	9050	3450	0	0
16	0	10200	39900	55650	61050	38500	26600	32400	8900	3200	0	0
17	0	11900	40600	56250	59500	38000	25700	32300	8800	3000	0	0
18	0	12500	41400	56750	58800	37300	24900	32300	8700	2500	0	0
19	0	14300	42000	56750	57100	36500	23800	32150	8600	1400	0	0
20	0	16250	42800	57100	56500	35300	23100	32000	8550	700	0	0
21	0	17900	43500	57750	55350	34700	22200	32000	8450	500	0	0
22	0	20200	44300	57750	54200	33600	21500	31850	8300	450	0	0
23	0	21200	45300	58500	53700	32800	20600	31850	8200	250	0	0
24	0	21400	46300	60450	52800	31900	19900	31700	8100	150	0	0
25	0	22700	47000	60750	52500	31500	19100	31550	8000	0	0	0
26	0	24250	48400	61050	51800	31800	18300	31400	8000	0	0	0
27	0	25250	50000	61350	51200	32600	17600	31250	7900	0	0	0
28	0	26750	51500	62000	50800	34100	16800	31100	7800	0	0	0
29	0	28000	52500	62550	.....	36250	16000	30950	7700	0	0	0
30	0	29300	54200	63800	.....	38250	15200	30800	7600	0	0	0
31	0	.....	55600	64200	.....	37750	.....	30650	.....	0	0	..

Reported by the district.

SUTHERLAND REGULATING RESERVOIR
Total Live Storage in Acre-feet

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	800	300	0	15300	17950	15600	11000	9350	8300	7450	8975	7100
2	800	300	0	15300	17800	15600	10850	10000	8300	7450	8900	7000
3	800	250	0	15300	17800	15800	10600	10000	8300	7450	8900	7000
4	750	250	0	15300	17950	16500	10200	10000	8225	7300	8750	6900
5	750	250	0	15600	17800	16800	10100	10000	8225	7300	8750	6800
6	750	200	0	15800	17800	16800	10000	9850	8225	7200	8600	6800
7	700	200	0	15800	18100	16650	9720	9850	8225	7100	8600	6700
8	700	200	1200	16000	17800	16075	9720	9720	8150	7100	8500	6700
9	700	150	1450	16000	17800	16000	9600	9720	8150	7000	8500	6600
10	650	150	2350	16075	17600	15300	9600	9720	8150	6900	8350	6600
11	650	150	3900	16250	17600	14700	9600	9600	8150	6800	8225	6500
12	650	100	3500	17250	17600	14180	9600	9600	8050	7300	8225	6500
13	600	100	4800	16650	17600	13600	9500	9500	8050	7500	8150	6400
14	600	100	5300	16800	17250	13450	9500	9350	8050	7850	8150	6400
15	600	50	6500	16950	17100	13000	9350	9350	8050	8100	8050	6300
16	550	50	7300	16950	16800	12600	9350	9200	7950	8300	8050	6300
17	550	50	8300	17250	16500	11800	9200	9200	7950	8600	7950	6200
18	550	0	9000	17250	16200	11800	9200	9100	7950	8975	7950	6200
19	500	0	9850	17600	16200	11800	9200	9100	7850	9100	7850	6100
20	500	0	10850	17600	16075	12200	9200	9000	7850	9200	7750	6100
21	500	0	11400	17800	16075	12750	9200	9000	7850	9350	7750	6000
22	450	0	12200	17950	16075	12900	9200	9000	7750	9350	7625	6000
23	450	0	12900	17950	16075	13060	9100	8900	7750	9450	7625	5800
24	450	0	13750	18100	16000	13060	9100	8900	7750	9450	7500	5800
25	400	0	15000	18250	15800	13000	9100	8750	7625	9450	7500	5700
26	400	0	14850	18400	15600	12900	9100	8750	7625	9350	7450	5700
27	400	0	14925	18550	15600	12900	9200	8600	7625	9350	7450	5600
28	350	0	15000	18700	15600	12350	9200	8600	7500	9200	7300	5500
29	350	0	15200	18700	.....	11800	9200	8600	7500	9200	7300	5400
30	350	0	15200	18100	.....	11550	9200	8500	7500	9100	7200	5300
31	300	..	15300	18100	.....	11200	.....	8500	.....	9100	7200	.....

Reported by the district.

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

THIRTY MILE CANAL										
Diverted from Platte River and Sutherland Reservoir										
	Oct.	Nov.	Dec.	April	May	June	July	Aug.	Sept.	Total
1	0	192	192	0	271	70	47	0	0	0
2	0	0	190	0	247	118	27	0	0	0
3	0	0	50	0	224	142	0	0	0	0
4	0	0	0	0	221	147	0	0	0	0
5	0	0	0	105	203	139	0	0	0	0
6	0	0	0	139	174	118	0	0	0	0
7	0	0	0	60	165	121	0	0	0	0
8	0	0	0	0	153	97	0	0	0	0
9	0	0	0	0	140	107	0	0	0	0
10	0	65	0	61	129	109	0	0	0	0
11	0	223	0	84	167	111	0	0	0	0
12	0	233	0	170	155	83	0	0	0	0
13	0	207	0	209	125	72	0	0	0	44
14	0	205	0	206	107	65	0	0	0	79
15	0	212	0	253	96	85	0	0	0	80
16	0	205	0	260	84	86	0	0	0	83
17	0	108	0	272	90	83	0	0	0	97
18	0	0	0	280	105	91	0	0	0	111
19	0	0	0	288	112	102	0	0	0	108
20	0	0	0	276	93	107	0	0	0	132
21	0	0	0	288	89	151	0	0	0	114
22	50	0	0	294	103	136	76	0	0	135
23	132	0	0	280	85	130	246	0	0	121
24	167	0	0	280	96	138	305	0	0	110
25	185	0	0	270	57	42	307	0	0	132
26	216	0	0	258	93	120	67	0	0	142
27	277	0	0	260	61	152	39	0	0	158
28	276	0	0	290	111	138	26	0	0	269
29	295	0	0	275	68	96	0	0	0	212
30	316	95	0	279	54	65	0	0	0	213
31	320	..	0	..	45	..	0	0	0	..
Mean	72	58	14	181	127	107	37	0	0	76
Max.	320	233	192	294	271	152	307	0	0	213
Min.	0	0	0	0	45	42	0	0	0	0
A. F.	4431	3461	857	10826	7799	6401	2261	0	0	4522
Water diverted	46558 A. F.									

THIRTY MILE CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Dec.	April	May	June	July	Aug.	Sept.	Total
Diverted from Platte River...	4431	3461	857	10826	7799	6401	2261	0	4522	46558
Waste to Platte River:—										
Little Wasteway No. 1.....	*	*	*	272	220	220	0	0	525	1237
Middle Wasteway No. 2.....	*	*	*	168	168	750	0	0	59	1145
Henderson Wasteway No. 3..	*	*	*	184	555	1043	0	0	216	1998
Total waste	*	*	*	624	943	2013	0	0	800	4380
Net diversion	4431	3461	857	10202	6856	4388	2261	0	3722	36178

Area reported 23129 acres.

Net diversion 36178 A. F.

Per acre 1.56 A. F.

No storage diversions.

*No record.

Acreage Reported

A-1853 19254

A-1976 3555

A-2077 320

Total 23129

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

TRI-STATE CANAL

Diversions by the Farmers Irrigation District and the Northport Irrigation District from North Platte River and Pathfinder Reservoir

Date	Oct.	April	May	June	July	Aug.	Sept.
1	495	0	25	900	1126	1082	693
2	460	0	25	765	1120	1082	717
3	451	0	25	773	1115	1099	655
4	478	0	25	571	1113	1080	625
5	465	0	50	340	1109	1056	627
6	117	0	75	407	1111	983	627
7	0	0	100	479	918	945	675
8	0	0	100	499	969	983	600
9	0	0	100	451	1065	1039	597
10	0	0	300	405	1091	1025	593
11	0	0	394	454	1089	1026	515
12	0	0	547	561	1091	1040	487
13	0	0	623	591	1091	1056	469
14	0	0	643	651	1098	1047	523
15	0	0	631	723	1106	1051	527
16	0	0	639	651	1104	1054	593
17	0	0	864	697	1100	1040	695
18	0	0	990	914	1100	1052	725
19	0	0	931	1005	1087	1038	711
20	0	0	998	1019	1095	1034	715
21	0	0	1080	1058	1104	1045	687
22	0	0	1084	1056	1111	1040	647
23	0	0	1084	1089	1133	1004	537
24	0	0	1073	1111	1115	1013	441
25	0	0	1095	1124	1108	944	359
26	0	0	1019	1106	1109	835	256
27	0	0	1017	1117	1104	791	272
28	0	0	1032	1122	1106	761	257
29	0	25	1049	1115	1109	745	248
30	0	25	967	1113	1109	759	237
31	0	..	1069	..	1095	731	..
Mean	80	2	635	796	1094	982	544
Max.	495	25	1095	1124	1133	1082	725
Min.	0	0	25	340	918	731	237
A. F.	4891	99	38805	47340	67239	60407	32369
Water diverted	251150	A. F.					

TRI-STATE LATERAL NO. 1

Diversed from North Platte River and Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	2	5	0	2
2	5	0	2	5	0	2
3	5	0	3	5	0	2
4	5	0	2	4	3	2
5	5	0	0	4	4	4
6	5	0	0	3	3	3
7	0	0	0	2	5	2
8	0	0	0	4	4	2
9	0	0	0	4	5	2
10	0	0	0	5	4	3
11	0	0	5	5	3	3
12	0	0	5	2	4	5
13	0	0	5	2	4	3
14	0	2	4	2	4	5
15	0	6	4	2	4	3
16	0	5	0	2	4	6
17	0	4	4	2	3	6
18	0	4	5	3	3	5
19	0	4	3	2	3	5
20	0	5	3	2	3	6
21	0	6	3	3	4	5
22	0	5	3	2	4	4
23	0	3	4	3	3	3
24	0	3	5	2	3	1
25	0	3	5	0	3	0
26	0	4	6	0	3	0
27	0	4	3	0	3	0
28	0	4	2	0	3	0
29	0	4	5	0	4	0
30	0	2	5	4	3	0
31	0	3	..	4	2	..
Mean	1	2	3	3	3	3
Max.	5	6	6	5	5	6
Min.	0	0	0	0	0	0
A. F.	60	137	175	165	194	167
Water diverted	898	A. F.				

TRI-STATE LATERAL NO. 2

Diversed from North Platte River and Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	2	5	0	2
2	0	0	3	2	0	0
3	0	0	4	2	3	2
4	0	0	4	2	2	2
5	0	0	0	3	6	6
6	0	0	0	2	5	5
7	0	0	0	4	5	5
8	0	0	0	4	5	2
9	0	0	5	5	1	3
10	0	0	5	5	2	4
11	0	0	5	5	2	4
12	0	0	5	5	2	4
13	0	0	5	5	2	4
14	0	4	5	5	2	4
15	0	5	11	5	2	4
16	0	7	8	5	2	4
17	0	4	14	5	2	3
18	0	5	13	5	6	3
19	0	8	11	5	4	3
20	0	10	5	5	2	3
21	0	12	5	5	2	3
22	0	12	5	5	2	3
23	0	11	2	2	2	3
24	0	9	4	1	2	2
25	0	5	5	0	2	1
26	0	5	5	0	5	0
27	0	5	4	0	5	0
28	0	9	4	0	5	0
29	0	9	2	0	2	0
30	0	4	2	3	2	0
31	0	5	..	0	2	..
Mean	0.6	4	4	3	3	2
Max.	3.0	12	14	5	6	4
Min.	0	0	0	0	0	0
A. F.	36.0	256	266	198	190	125
Water diverted	1071	A. F.				

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

TRI-STATE LATERAL NO. 5							
Diverted from North Platte River and Pathfinder Reservoir							
Date	Oct.	May	June	July	Aug.	Sept.	
1	0	0	2	2	0	1	
2	0	0	2	2	0	1	
3	0	0	2	2	1	1	
4	0	0	2	2	0	1	
5	0	0	0	2	1	2	
6	0	0	0	2	1	2	
7	0	0	0	2	1	1	
8	0	0	0	2	1	0	
9	0	0	0	2	1	0	
10	0	0	0	2	2	2	
11	0	0	0	0	2	2	
12	0	0	0	0	2	2	
13	0	0	0	0	2	0	
14	0	0	0	0	0	0	
15	0	0	0	0	0	0	
16	0	0	0	0	0	1	
17	0	0	0	0	2	2	
18	0	0	0	0	2	2	
19	0	0	0	0	4	2	
20	0	0	0	0	2	2	
21	0	0	0	0	2	2	
22	0	0	0	2	2	1	
23	0	0	2	2	1	0	
24	0	0	2	2	0	0	
25	0	0	2	0	0	0	
26	0	0	2	0	0	0	
27	0	2	2	0	0	0	
28	0	2	2	0	2	0	
29	0	2	2	0	1	0	
30	0	2	2	0	1	0	
31	0	2	2	0	1	0	
Mean	0	0.5	1	1	1.5	1	
Max.	0	3.0	3	2	4.0	2	
Min.	0	.0	0	0	.0	0	
A. F.	0	30.0	58	67	91.0	55	
Water diverted 302 A. F.							

TRI-STATE CANAL							
Diverted from Akers Draw							
Date	Oct.	April	May	June	July	Aug.	Sept.
1	10	0	5	7	8	11	12
2	10	0	5	7	8	11	12
3	10	0	5	7	8	11	12
4	10	0	5	7	8	11	12
5	10	0	5	7	8	11	12
6	5	0	6	7	8	11	12
7	0	0	6	7	8	11	12
8	0	0	6	7	8	11	12
9	0	0	6	7	8	11	12
10	0	0	6	7	8	11	12
11	0	0	6	7	8	12	12
12	0	0	6	7	8	12	12
13	0	0	6	7	8	12	12
14	0	0	6	7	8	12	12
15	0	0	6	7	8	12	11
16	0	0	7	7	8	12	11
17	0	0	7	7	8	12	11
18	0	0	7	7	8	12	11
19	0	0	7	7	8	12	11
20	0	5	7	7	8	12	11
21	0	5	7	7	8	12	11
22	0	5	7	7	8	12	10
23	0	5	7	8	8	12	10
24	0	5	7	8	8	12	10
25	0	5	7	8	9	12	10
26	0	5	7	8	9	12	10
27	0	5	7	8	10	12	10
28	0	5	7	8	10	12	10
29	0	5	7	8	11	12	10
30	0	5	7	8	11	12	10
31	0	..	7	..	11	12	..
Mean	2	2	6	7	9	12	11
Max.	10	5	7	8	11	12	12
Min.	0	0	5	7	8	11	10
A. F.	109	109	391	432	522	718	664
Water diverted 2945 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	TRI-STATE CANAL Diverted from Sheep Creek						
	Oct.	April	May	June	July	Aug.	Sept.
1	76	0	42	14	49	60	70
2	76	0	42	0	49	63	75
3	76	0	42	0	49	63	76
4	76	0	42	0	49	64	77
5	76	0	41	0	49	62	80
6	38	0	43	0	49	61	79
7	0	0	45	0	49	59	86
8	0	0	43	0	49	60	87
9	0	0	43	0	49	60	86
10	0	0	43	0	50	60	85
11	0	0	43	0	50	60	84
12	0	0	43	0	50	59	84
13	0	0	43	0	50	60	84
14	0	0	45	0	56	59	86
15	0	0	42	47	52	58	83
16	0	0	42	47	52	61	85
17	0	0	42	47	53	59	83
18	0	0	41	46	52	63	83
19	0	0	42	46	52	65	83
20	0	38	42	46	53	63	82
21	0	38	41	47	53	63	82
22	0	38	42	48	54	62	82
23	0	38	42	47	53	61	81
24	0	38	42	48	54	61	82
25	0	38	42	49	55	64	83
26	0	38	44	49	56	62	83
27	0	40	43	52	58	61	84
28	0	46	42	52	60	64	83
29	0	45	42	49	58	66	84
30	0	43	55	50	58	68	83
31	0	..	48	..	60	71	..
Mean	14	15	43	26	53	62	82
Max.	76	46	55	52	60	71	87
Min.	0	0	41	0	49	58	70
A. F.	829	873	2642	1555	3233	3812	4589
Water diverted 17833 A. F.							

Date	TRI-STATE CANAL Diverted from Dry Spotted Tail Creek						
	Oct.	April	May	June	July	Aug.	Sept.
1	15	0	0	0	0	0	28
2	15	0	0	0	0	0	28
3	15	0	0	0	0	0	27
4	15	0	0	0	0	0	30
5	15	0	0	0	0	0	30
6	8	0	0	0	0	0	29
7	0	0	0	0	0	0	31
8	0	0	0	0	0	16	28
9	0	0	0	0	0	21	28
10	0	0	0	0	0	25	25
11	0	0	0	0	0	25	26
12	0	0	0	0	0	21	26
13	0	0	0	0	0	21	28
14	0	0	0	0	0	21	28
15	0	0	0	0	0	21	28
16	0	0	0	0	0	26	27
17	0	0	0	0	0	28	28
18	0	0	0	0	0	30	28
19	0	0	0	0	0	27	27
20	0	0	0	0	0	23	28
21	0	0	0	0	0	24	28
22	0	0	0	0	0	23	32
23	0	0	0	0	0	25	31
24	0	0	0	0	0	25	32
25	0	0	0	0	0	27	34
26	0	0	0	0	0	35	32
27	0	0	0	0	0	33	31
28	0	0	0	0	0	31	34
29	0	0	0	0	0	33	33
30	0	0	0	0	0	32	33
31	0	..	0	..	0	29	..
Mean	3	0	0	0	0	20	29
Max.	15	0	0	0	0	35	34
Min.	8	0	0	0	0	0	25
A. F.	165	0	0	0	0	1234	1751
Water diverted 3150 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	TRI-STATE CANAL					Creek	Aug.	Sept.
	Oct.	April	May	June	July			
1	21	0	6	22	9	17	15	
2	21	0	6	11	7	13	16	
3	21	0	6	11	6	13	16	
4	21	0	6	12	10	14	15	
5	21	0	6	11	7	12	18	
6	21	0	6	11	8	13	19	
7	0	0	8	10	10	13	24	
8	0	0	7	10	8	14	25	
9	0	0	7	10	11	16	25	
10	0	0	7	11	15	13	24	
11	0	0	6	10	14	13	24	
12	0	0	6	10	15	13	24	
13	0	0	6	10	15	13	24	
14	0	0	6	10	14	13	22	
15	0	0	6	10	15	18	23	
16	0	0	6	3	15	18	25	
17	0	0	6	4	12	14	29	
18	0	0	6	4	13	21	28	
19	0	0	2	4	12	18	28	
20	0	6	2	4	13	14	28	
21	0	6	6	4	12	14	29	
22	0	6	9	5	12	14	28	
23	0	6	7	6	12	14	29	
24	0	6	4	7	14	14	30	
25	0	6	2	5	15	16	31	
26	0	6	3	5	16	20	30	
27	0	6	2	6	13	19	31	
28	0	6	19	8	14	15	31	
29	0	6	2	8	14	13	31	
30	0	6	3	6	14	15	32	
31	0		9		14	15		
Mean	4	2.2	6	8	12	15	25	
Max.	21	6.0	19	22	16	21	32	
Min.	0	.0	2	3	6	12	15	
A. F.	250	131.0	363	492	752	916	1496	
Water diverted	4409 A. F.							

Date	TRI-STATE CANAL				Aug.	Sept.
	Oct.	April	May	June		
1	18	0	0	0	0	42
2	18	0	0	0	0	42
3	18	0	0	0	0	42
4	18	0	0	0	0	43
5	18	0	0	0	0	44
6	18	0	0	0	0	43
7	0	0	0	0	0	28
8	0	0	0	0	0	29
9	0	0	0	0	0	29
10	0	0	0	0	0	40
11	0	0	0	0	0	42
12	0	0	0	0	0	42
13	0	0	0	0	0	41
14	0	0	0	0	0	40
15	0	0	0	0	0	36
16	0	0	0	0	0	41
17	0	0	0	0	0	33
18	0	0	0	0	0	21
19	0	0	0	0	0	35
20	0	0	0	0	0	35
21	0	0	0	0	0	26
22	0	0	0	0	0	29
23	0	0	0	0	0	26
24	0	0	0	0	0	26
25	0	0	0	0	0	43
26	0	0	0	0	0	41
27	0	0	0	0	0	41
28	0	0	0	0	0	39
29	0	0	0	0	0	39
30	0	0	0	0	0	41
31	0		0		0	43
Mean	3	0	0	0	0	31
Max.	18	0	0	0	0	43
Min.	0	0	0	0	0	0
A. F.	214	0	0	0	0	1900
Water diverted	4687 A. F.					

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

TRI-STATE CANAL Diverted from Alliance Drain.								
Date	Oct.	April	May	June	July	Aug.	Sept.	
1	11	0	0	0	0	0	0	14
2	11	0	0	0	0	0	0	14
3	11	0	0	0	0	0	0	14
4	11	0	0	0	0	0	0	14
5	11	0	0	0	0	0	0	15
6	5	0	0	0	0	0	0	16
7	0	0	0	0	0	0	20	16
8	0	0	0	0	0	0	20	18
9	0	0	0	0	0	0	20	17
10	0	0	0	0	0	0	20	13
11	0	0	0	0	0	0	20	13
12	0	0	0	0	0	0	20	14
13	0	0	0	0	0	0	19	14
14	0	0	0	0	0	0	17	14
15	0	0	0	0	0	0	17	13
16	0	0	0	0	0	0	17	14
17	0	0	0	0	0	0	17	14
18	0	0	0	0	0	0	17	14
19	0	0	0	0	0	0	15	14
20	0	0	0	0	0	0	15	14
21	0	0	0	0	0	0	15	14
22	0	0	0	0	0	0	15	14
23	0	0	0	0	0	0	13	14
24	0	0	0	0	0	0	13	14
25	0	0	0	0	0	0	12	14
26	0	0	0	0	0	0	12	14
27	0	0	0	0	0	0	13	14
28	0	0	0	0	0	0	13	14
29	0	0	0	0	0	0	13	14
30	0	0	0	0	0	0	14	14
31	0	0	0	0	0	0	14	14
Mean	2	0	0	0	0	0	14	14
Max.	11	0	0	0	0	0	20	18
Min.	0	0	0	0	0	0	0	13
A. F.	119	0	0	0	0	795	851	

Water diverted 1765 A. F.

TRI-STATE CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River:—								
At rating station.....	4891	99	38595	47340	67239	60407	32369	251150
Lateral No. 1.....	60	0	137	175	165	194	167	898
Lateral No. 2.....	34	0	256	264	198	190	125	1071
Lateral No. 3.....	0	0	30	53	67	91	56	302
Total from North Platte River.....	4987	99	39228	47839	67669	60882	32717	253421
Diverted from Drains:—								
Sheep Creek.....	829	873	2642	1555	3233	3812	4889	17833
Akers Draw.....	109	103	391	432	522	718	664	2945
Spotted Tail Creek, Dry.....	145	0	0	0	0	1234	1751	3159
Spotted Tail Creek, Wet.....	250	131	363	492	752	916	1496	4409
Tub Springs.....	214	0	0	0	0	1900	2573	4687
Alliance Drain.....	119	0	0	0	0	795	851	1765
Moffat Drain.....	0	0	0	0	0	0	0	0
Total diversion.....	6673	1212	42624	56318	72176	70257	44941	288201
Waste.....	0	0	1263	482	0	0	0	1751
Net diversion.....	6673	1212	41355	49836	72176	70257	44941	286450
Diverted for Northport Irrigation								
District.....	0	0	5377	11584	16886	18633	10152	62632
Diverted for Farmers Irrigation								
District.....	6673	1212	35978	38252	55290	51624	34780	223318

SUMMARY
TRI-STATE WASTES
Values in Second-Feet

	May					June		Total
	12	13	14	30	31	1	5	
Wasted into:—								
Mitchell Spillway.....	0	0	0	25	25	25	62	137
Nine Mile Drain.....	0	0	0	25	10	25	50	110
West Wild Horse.....	20	20	0	0	0	6	0	46
East Wild Horse.....	30	0	0	35	35	35	0	135
Red Willow.....	140	125	105	35	10	40	0	455
Total wastes by days.....	190	145	105	120	60	131	112	883
Total waste:—								
May 1937, 1269 A. F.								
June 1937, 482 A. F.								

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

TRI-STATE CANAL—D-918							
Daily Diversions from All Sources							
Date	Oct.	April	May	June	July	Aug.	Sept.
1	654	0	74	480	869	881	593
2	619	0	74	529	857	883	623
3	610	0	74	539	853	885	561
4	637	0	74	348	853	888	535
5	624	0	96	197	818	866	548
6	220	0	123	260	848	748	546
7	0	0	150	327	854	748	609
8	0	0	147	319	905	786	676
9	0	0	147	302	920	838	812
10	0	0	337	258	889	836	801
11	0	0	425	312	885	838	721
12	0	0	569	414	885	845	700
13	0	0	641	442	885	858	678
14	0	0	666	498	848	848	734
15	0	0	658	616	853	852	733
16	0	0	667	535	851	867	667
17	0	0	829	589	845	841	618
18	0	0	882	793	846	857	619
19	0	0	893	875	832	851	606
20	0	49	817	883	841	835	612
21	0	49	886	921	850	847	586
22	0	49	891	888	859	863	549
23	0	49	888	890	877	837	524
24	0	49	873	884	861	846	499
25	0	49	888	863	850	791	423
26	0	49	820	846	855	699	321
27	0	51	819	857	850	654	340
28	0	57	852	862	855	623	324
29	0	77	852	854	897	697	317
30	0	75	781	831	913	625	395
31	0	..	863	..	895	339	..
Mean	561	55	572	615	865	801	573
Max.	654	77	893	921	920	888	812
Min.	0	0	74	197	832	599	395
A. F.	6673	1196	35219	36619	53221	49280	34077
Water diverted 216285 A. F.							

TRI-STATE CANAL—D-918
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted for D-918 from all sources..	6673	1196	35219	36619	53221	49280	34077	216285
Waste	0	0	1269	482	0	0	0	1751
Net for D-918.....	6673	1196	33950	36137	53221	49280	34077	214534
Area reported 62762 acres.							Acreage Reported	
Net diverted including storage 214534 A. F.							D-918 62762	
Per acre 3.42 A. F.								
Storage diversion [redacted] A. F.								

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DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

TRI-STATE CANAL—A-660								
Date	Daily Diversions from All Sources							
	Oct.	April	May	June	July	Aug.	Sept.	
1	0	0	4	39	50	0	0	
2	0	0	4	31	50	0	0	
3	0	0	4	31	49	0	0	
4	0	0	4	20	49	0	0	
5	0	0	6	11	49	0	0	
6	0	0	7	15	49	43	0	
7	0	0	9	19	0	43	0	
8	0	0	9	17	0	46	0	
9	0	0	9	18	0	49	0	
10	0	0	19	15	0	48	0	
11	0	0	24	18	0	49	0	
12	0	0	33	24	0	49	0	
13	0	0	37	26	0	50	0	
14	0	0	38	29	49	49	0	
15	0	0	38	36	49	49	0	
16	0	0	39	31	49	50	0	
17	0	0	48	34	49	49	10	
18	0	0	51	46	49	50	36	
19	0	0	51	51	48	49	35	
20	0	0	47	51	49	48	35	
21	0	0	51	53	49	49	34	
22	0	0	51	51	50	50	32	
23	0	0	51	51	51	48	30	
24	0	0	50	51	50	49	29	
25	0	0	51	50	49	46	24	
26	0	0	47	49	49	40	19	
27	0	0	47	50	49	38	20	
28	0	0	49	50	49	36	19	
29	0	4	49	50	9	35	18	
30	0	4	45	49	0	36	18	
31	0	..	50	..	0	35	..	
Mean	0	4	33	36	47	46	26	
Max.	0	4	51	53	51	50	36	
Min.	0	0	4	11	0	0	0	
A. F.	0	16	2027	2114	2069	2346	712	

Acreage Reported
A-660 3643
Area reported 3643 acres.
Water diverted including storage
diversions 9284 A. F.
Per acre 2.54 A. F.
Storage diverted 2344 A. F.

UNION CANAL								
Date	Diverted from Blue Creek and Crescent Lake—A-1575							
	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	12	3	0	8	7	16	13	8
2	12	0	0	11	7	16	12	16
3	12	0	0	11	5	10	19	17
4	12	0	0	11	8	10	19	5
5	12	0	0	12	4	10	20	8
6	12	0	0	12	5	10	20	8
7	12	0	0	12	5	11	20	8
8	12	0	0	13	6	11	13	..
9	12	0	0	14	0	11	13	0
10	12	0	0	15	0	11	14	0
11	12	0	0	16	0	10	14	0
12	12	0	0	18	0	10	16	0
13	12	0	0	17	0	0	19	0
14	12	0	0	17	0	0	16	0
15	12	0	0	16	0	9	10	0
16	12	0	0	17	0	9	16	0
17	12	0	0	19	0	9	16	0
18	12	0	0	20	0	9	17	0
19	12	0	0	20	3	7	11	0
20	12	0	0	13	4	12	10	0
21	12	0	0	10	6	12	12	8
22	12	0	0	9	4	11	11	8
23	12	0	0	8	9	13	11	14
24	12	0	0	7	10	10	11	14
25	12	0	0	6	10	12	5	9
26	8	0	0	5	19	15	3	9
27	3	0	0	4	19	15	0	8
28	3	0	0	5	17	15	4	8
29	3	0	2	5	18	13	8	8
30	3	0	8	5	19	14	9	8
31	3	..	..	6	..	13	8	..
Mean	10	0.1	0.3	12	6	11	13	6
Max.	12	3.0	8.0	20	19	16	20	17
Min.	3	..	..	4	0	0	0	0
A. F.	*641	*6.0	20.0	718	367	662	773	331

Area reported 1288 acres.
Water diverted 3518 A. F.
Per acre 2.73 A. F.
No storage diversions.
*Estimated.

Acreage Reported
D-763 1288

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Continued

Date	WINTERS CREEK CANAL					Sept.	WINTERS CREEK CANAL					Sept.
	Oct.	May	June	July	Aug.		Oct.	May	June	July	Aug.	
1	0	0	0	8	24	3	0	0	0	29	46	56
2	0	0	0	8	22	3	0	0	0	26	41	64
3	0	0	0	8	24	7	0	0	7	26	38	49
4	0	0	0	11	24	10	0	0	14	24	32	40
5	0	0	0	14	24	11	0	0	17	32	32	28
6	0	0	0	22	22	11	0	0	24	38	30	44
7	0	0	0	28	16	9	0	0	30	37	42	25
8	0	0	0	30	0	4	0	0	31	27	54	33
9	0	0	0	22	3	4	0	0	33	34	63	13
10	0	0	0	20	6	5	0	0	36	33	63	0
11	0	0	0	23	9	5	0	0	35	33	63	0
12	0	0	0	19	13	6	0	0	30	33	60	0
13	0	0	0	9	15	6	0	0	32	32	54	0
14	0	0	22	19	19	7	0	0	41	35	58	0
15	0	0	3	32	21	7	0	0	49	39	63	15
16	0	0	16	28	22	7	0	0	48	38	57	25
17	0	12	22	25	15	16	0	6	50	47	62	33
18	0	16	32	23	15	21	0	44	36	49	37	42
19	0	61	25	23	3	21	0	34	37	47	44	54
20	0	75	19	23	5	21	0	22	29	47	54	57
21	0	70	19	21	5	21	0	25	18	42	56	49
22	0	67	17	17	4	21	0	33	29	43	47	47
23	0	55	12	15	3	20	0	40	31	0	42	42
24	0	55	13	16	3	20	0	49	34	0	54	39
25	0	22	18	11	9	15	0	39	36	10	50	37
26	0	48	15	11	11	11	0	9	31	20	49	49
27	0	36	14	16	11	15	0	0	29	58	36	50
28	0	49	14	12	11	17	0	0	33	67	38	37
29	0	80	8	9	3	17	0	0	24	61	45	28
30	0	14	8	13	3	8	0	0	27	60	46	8
31	0	0	..	23	3	..	0	0	..	55	54	..
Mean	0	21	9	18	12	12	0	30	29	36	49	32
Max.	0	80	25	32	24	21	0	49	50	67	63	64
Min.	0	0	0	8	0	3	0	0	0	0	30	0
A. F.	0	1309	540	1109	740	692	0	597	1728	2245	2995	1912
Water diverted	4390 A. F.						9477 A. F.					

Date	WINTERS CREEK LATERAL				Sept.	
	Oct.	May	June	July		
1	0	0	0	13	4	5
2	0	0	0	15	4	8
3	0	0	2	11	4	10
4	0	0	0	8	10	11
5	0	0	0	5	9	4
6	0	0	0	9	17	9
7	0	0	0	4	22	0
8	0	0	0	9	20	0
9	0	0	6	11	18	0
10	0	0	6	14	16	0
11	0	0	14	12	18	0
12	0	0	11	12	18	0
13	0	0	6	12	21	0
14	0	0	7	12	12	0
15	0	0	8	19	11	3
16	0	0	3	12	16	5
17	0	0	3	7	19	5
18	0	0	2	0	9	8
19	0	10	3	3	7	9
20	0	10	7	4	6	15
21	0	13	0	10	5	19
22	0	15	3	7	4	24
23	0	18	10	19	0	11
24	0	12	11	16	3	3
25	0	0	12	15	11	3
26	0	0	24	27	10	10
27	0	0	19	17	8	10
28	0	0	18	16	0	11
29	0	0	16	15	5	0
30	0	0	11	11	12	0
31	0	0	..	9	12	..
Mean	0	3	7	11	11	6
Max.	0	18	24	27	22	24
Min.	0	0	0	0	0	0
A. F.	0	155	410	700	678	363
Water diverted	2726 A. F.					

DISCHARGE OF CANALS IN SECOND-FEET, 1937—Concluded

WINTERS CREEK CANAL						
Diverted from Scottsbluff Drain No. 1						
Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	2	2	11
2	0	0	0	2	2	11
3	0	0	0	2	2	11
4	0	0	0	2	1	11
5	0	0	0	2	1	11
6	0	0	0	2	1	12
7	0	0	0	2	7	12
8	0	0	0	2	7	12
9	0	0	0	2	7	12
10	0	0	0	2	7	12
11	0	0	0	2	8	0
12	0	0	0	2	8	0
13	0	0	0	2	8	0
14	0	0	0	2	9	0
15	0	0	0	2	9	0
16	0	0	0	2	9	0
17	0	0	0	2	10	0
18	0	0	0	2	10	0
19	0	0	0	2	10	0
20	0	0	0	2	12	0
21	0	0	0	2	12	0
22	0	0	0	2	12	0
23	0	0	0	2	13	0
24	0	0	0	2	13	0
25	0	0	0	2	13	0
26	0	0	2	2	13	0
27	0	0	2	2	13	0
28	0	0	2	2	13	0
29	0	0	2	2	13	0
30	0	0	2	2	13	0
31	0	0	..	2	13	..
Mean	0	0	0.3	2	8.4	3.8
Max.	0	0	2.0	2	13.0	12.0
Min.	0	0	.0	2	1.0	.0
A. F.	0	0	20.0	123	538.0	228.0

Water diverted 909 A. F.

WINTERS CREEK CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
Diverted from:—						
North Platte River.....	1309	540	1109	740	692	4390
Winters Creek (main canal).....	597	1728	2245	2995	1912	9477
Winters Creek (factory lateral).....	155	410	700	678	363	2306
Scottsbluff Sugar Factory Drain No. 1—						
Both Sources	0	20	123	538	228	909
Total Diversion	2061	2698	4177	4951	3195	17082
Wastes	52	94	5	0	0	151
Net Diversion	2009	2604	4172	4951	3195	16931

Area reported 4549 acres.
Net diverted 16931 A. F.
Per acre 3.72 A. F.Acreage Reported
D-952 4549

DISCHARGE OF CANALS IN SECOND-FEET, 1938

ABERDEEN CANAL						
Date	Diverted from Frenchman River					Sept.
	Oct.	May	June	July	Aug.	
1	*	0	*	*	*	*
2	*	*	*	*	*	*
3	*	*	*	*	0	*
4	*	*	*	*	*	*
5	*	*	0	0	*	1
6	*	*	*	*	*	*
7	*	*	*	0	*	*
8	*	*	*	*	0	*
9	*	*	*	*	*	*
10	2	*	*	0	*	*
11	*	*	*	*	*	1
12	*	*	*	0	*	*
13	*	*	*	*	*	*
14	*	*	*	*	*	*
15	*	0	0	0	*	*
16	*	*	*	*	*	*
17	3	*	*	*	*	*
18	*	*	*	*	*	1
19	*	*	*	0	*	*
20	*	0	*	*	*	*
21	*	*	*	*	0	*
22	*	*	0	*	0	*
23	*	*	*	*	1	*
24	*	*	*	0	*	*
25	5	*	*	*	*	*
26	*	*	*	*	*	0
27	*	6	*	0	*	*
28	*	*	*	*	1	*
29	*	*	0	0	*	*
30	*	*	*	*	*	0
31	3	*	*	*	1	*
Mean	*	*	*	*	*	*
Max.	*	*	*	*	*	*
Min.	*	*	*	*	*	*
A. F.	*	*	*	*	*	*

*No record.

Acreage Reported

D-50a 97

D-50b 35

A-1117 110

Total 242

Area reported 242 acres.

ALFALFA CANAL						
Date	Diverted from North Platte River					
	May	June	July	Aug.	Sept.	
1	62	22	48	0	0	0
2	60	42	44	0	0	0
3	65	31	46	0	0	0
4	45	15	57	0	0	0
5	47	12	57	0	0	0
6	63	16	48	0	0	0
7	67	6	58	0	0	0
8	67	5	52	0	0	0
9	65	20	53	0	0	0
10	68	0	23	0	0	0
11	70	0	35	0	0	0
12	67	0	42	0	0	0
13	65	25	42	0	0	0
14	34	20	37	0	0	0
15	45	22	28	0	0	0
16	36	6	41	0	0	0
17	43	6	73	0	0	0
18	61	5	0	0	0	0
19	38	0	0	0	0	0
20	42	0	0	0	0	0
21	36	0	32	0	0	0
22	34	0	37	0	0	0
23	34	0	39	0	0	0
24	42	0	39	0	0	0
25	28	0	31	0	0	0
26	41	0	44	0	0	0
27	42	54	38	0	0	0
28	43	48	42	0	0	0
29	43	45	40	0	0	0
30	31	51	37	0	0	0
31	0	..	42	0	..	..
Mean	49	15	39	0	0	0
Max.	70	54	73	0	0	0
Min.	0	0	0	0	0	0
A. F. 2983	895	2390	0	0	0	0
Area reported	2899 acres.		Acreage Reported			
Water diverted	6268 A. F.		D-738 2899			
Per acre	2.16 A. F.					

ALLIANCE CANAL

Diverted from Bayard Sugar

Factory Drain

Date	Diverted from Bayard Sugar					
	May	June	July	Aug.	Sept.	
1	0	5	26	21	27	
2	0	5	26	20	14	
3	0	0	25	20	0	
4	0	0	27	4	0	
5	0	0	27	2	0	
6	0	14	26	0	0	
7	0	16	26	0	0	
8	0	22	26	0	0	
9	0	21	25	0	0	
10	0	21	26	0	0	
11	0	25	26	0	0	
12	0	27	26	0	0	
13	0	28	25	0	0	
14	0	27	24	0	0	
15	0	28	25	0	0	
16	6	27	25	0	0	
17	0	26	25	0	0	
18	0	26	26	0	0	
19	0	25	24	0	0	
20	0	27	21	0	0	
21	0	28	22	0	0	
22	0	22	26	0	0	
23	0	23	28	0	0	
24	0	27	27	0	0	
25	0	30	27	0	0	
26	0	15	28	0	0	
27	0	0	28	0	0	
28	5	0	28	19	0	
29	2	0	19	25	0	
30	5	22	25	29	0	
31	5	..	21	27	..	
Mean	5	22	25	18	20	
Max.	6	30	28	29	27	
Min.	0	0	19	0	0	
A. F. 2983	46	1065	1563	331	81	
Area reported	2899 acres.		A. F. 2899			
Water diverted	6268 A. F.		D-738 2899			
Per acre	2.16 A. F.					

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	ALLIANCE CANAL Diverted from Red Willow Creek						ALLIANCE CANAL Diverted From Camp Clark Seep	
	Oct.	May	June	July	Aug.	Sept.	Aug.	Sept.
1	40	5	0	39	35	44	0	9
2	35	10	0	26	37	37	0	4
3	31	6	13	0	36	38	0	0
4	27	7	23	0	35	44	0	0
5	23	7	25	13	0	0	0	0
6	19	7	15	16	0	20	0	0
7	15	5	18	25	0	23	0	0
8	15	0	16	30	0	0	0	0
9	15	7	28	31	0	22	0	0
10	15	7	29	35	0	29	0	0
11	10	8	29	36	0	25	0	0
12	10	15	22	32	0	17	0	0
13	10	13	18	32	0	6	8	0
14	10	22	20	32	0	14	8	0
15	10	22	17	31	0	14	9	0
16	0	0	23	32	0	18	8	0
17	0	24	24	31	0	21	8	0
18	0	16	25	23	0	18	7	0
19	0	0	29	29	0	14	8	0
20	0	0	33	15	0	11	8	0
21	0	0	34	31	0	11	8	0
22	0	0	32	34	0	17	7	0
23	0	0	0	32	0	10	7	0
24	0	0	9	24	0	17	9	0
25	0	0	0	25	0	18	9	0
26	0	0	8	27	0	35	9	0
27	0	0	30	27	0	35	9	0
28	0	0	26	28	15	30	7	0
29	0	0	34	21	42	38	9	0
30	0	0	37	27	47	26	9	0
31	0	0	..	33	50	..	9	..
Mean	9	11	24	28	37	22	8	7
Max.	40	24	37	40	50	44	9	9
Min.	0	0	0	0	0	0	0	0
A. F.	565*	359	1224	1607	589	1293	307	26
Water diverted	5637 A. F.						Water diverted 333 A. F.	

*Estimated.

ALLIANCE CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:—							
Bayard Sugar Factory Drain.....	0	48	1065	1563	331	81	3086
Alliance drain.....	565	359	1224	1607	589	1293	5637
Camp Clark Seep*.....	0	0	0	0	307	26	333
Total.....	565	405	2289	3170	1227	1400	9056
Area reported 6139 acres.							
Water diverted 9056 A. F.							
Per acre 1.48 A. F.							
*Camp Clark Seep claimed under O. D. for A-418, Schermerhorn project.							
						Acreage Reported	
						D-874	6139
						A-418	0

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

ATKINS-POLLY CANAL					BARBER CANAL							
Diverted from Lodgepole Creek					Diverted from Clear Creek							
Date	June	July	Aug.	Sept.	Oct.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	5	9	0	7	3	0	6	4	8
2	1	0	0	5	9	0	7	4	0	6	3	10
3	4	0	0	1	9	0	7	0	0	5	3	9
4	5	0	0	0	9	0	7	0	0	5	3	0
5	1	4	0	0	9	0	7	0	0	6	3	0
6	3	4	0	0	7	0	7	0	0	6	4	0
7	4	3	0	0	7	0	7	0	0	5	4	8
8	0	3	0	0	7	0	7	0	0	5	0	0
9	1	1	0	0	7	0	7	0	0	5	0	0
10	1	1	0	0	7	0	7	0	0	6	0	0
11	1	2	0	0	7	7	7	0	6	6	0	0
12	1	1	0	0	7	7	7	0	6	6	0	0
13	0	1	0	0	7	7	7	0	6	5	0	0
14	0	2	6	0	7	7	7	0	6	5	0	0
15	0	1	5	0	4	7	7	0	3	5	0	0
16	0	1	5	0	0	7	7	7	3	5	0	0
17	0	1	6	0	0	7	7	7	3	6	4	0
18	0	4	4	0	0	7	7	7	3	5	8	0
19	0	0	4	0	0	7	7	0	7	6	8	0
20	0	0	3	0	0	7	7	7	7	0	8	0
21	0	0	2	0	0	7	7	7	7	0	0	0
22	0	0	5	0	0	7	7	7	7	5	0	0
23	0	0	7	0	0	7	7	7	7	6	0	0
24	0	3	7	0	0	7	7	7	7	5	0	0
25	0	0	6	0	0	7	7	7	7	5	0	0
26	0	0	7	0	0	7	7	7	7	5	0	4
27	0	0	7	0	0	7	7	7	7	5	0	4
28	0	0	6	0	0	7	7	7	8	5	5	0
29	0	0	6	0	0	7	7	7	5	5	8	0
30	0	0	5	0	0	7	7	0	5	4	8	0
31	..	0	3	..	0	7	..	..	..	4	8	..
Mean	2	2	5	4	7	7	7	7	6	5	5	7
Max.	5	4	6	5	9	7	7	7	8	6	8	10
Min.	0	0	0	0	0	0	7	0	0	0	0	0
A. F.	44	63	186	22	222	292	417	180	232	305	161	85
Acreage Reported					Area reported 739 acres.				Acreage Reported			
A-724—No report filed					Water diverted 1894 A. F.				D-754 659			
A-897R 8					Per acre 2.56 A. F.				A-1111 80			
D-342 55												
D-344 30									Total 739			

Total	93											
Area reported	93 acres.											
Water diverted	315 A. F.											
Per acre	3.39 A. F.											

BEERLINE CANAL
Diverted from North Platte River
and Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	12	15	0
2	1	0	6	8	14	3
3	1	0	1	7	0	6
4	1	0	11	0	0	4
5	1	0	9	0	0	3
6	1	0	7	0	0	3
7	1	0	5	0	2	3
8	1	0	4	0	10	2
9	1	0	5	0	7	1
10	1	0	6	0	6	1
11	1	0	2	7	9	1
12	1	0	2	11	9	1
13	1	0	6	5	8	1
14	1	0	11	2	8	1
15	1	4	9	1	8	1
16	0	4	7	6	5	1
17	0	13	3	11	5	1
18	0	9	1	0	7	1
19	0	1	4	0	9	1
20	0	1	15	0	7	0
21	0	1	16	0	7	0
22	0	2	16	0	7	0
23	0	1	17	0	7	0
24	0	0	18	4	7	0
25	0	0	8	4	8	0
26	0	0	4	1	14	0
27	0	0	0	0	10	0
28	0	0	0	0	6	0
29	0	0	0	0	0	0
30	0	0	13	11	0	0
31	0	0	..	20	0	..
Mean	1	4	8	7	8	2
Max.	1	13	18	20	18	6
Min.	0	0	0	0	0	0
A. F.	30	71	411	218	303	69
Acreage Reported	D-887 2080					
Area reported	2080 acres.					
Water diverted	1192 A. F. including storage.					
Per acre	0.57 A. F.					
Storage diverted	305 A. F.					

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	BELMONT CANAL Diverted from North Platte River					BELMONT FEEDER Diverted from Cedar Creek				
	Oct.	May	June	July	Aug.	Sept.	June	July	Aug.	Sept.
1	75	0	0	45	60	129	0	0	0	11
2	70	41	0	60	60	115	0	4	0	4
3	65	72	0	60	82	32	0	6	5	0
4	61	69	0	54	147	44	0	6	8	0
5	61	69	0	54	173	52	0	6	10	0
6	58	69	51	54	104	44	0	5	8	0
7	54	69	94	60	109	44	0	0	9	0
8	65	69	64	62	109	42	0	0	11	0
9	61	69	62	62	109	48	0	0	11	0
10	60	67	67	60	82	44	0	0	6	0
11	54	67	60	58	0	44	0	0	0	0
12	58	69	78	73	0	44	0	0	0	0
13	58	67	84	101	0	44	0	0	0	0
14	50	58	80	113	0	42	0	0	0	0
15	16	53	79	116	0	52	0	0	0	0
16	0	49	82	114	0	50	0	0	0	0
17	0	0	82	69	17	34	0	0	0	0
18	0	0	82	54	78	30	13	0	3	0
19	0	0	65	78	78	34	17	7	11	0
20	0	0	47	78	26	31	15	4	11	0
21	0	0	87	71	0	38	8	0	6	0
22	0	0	84	71	0	42	5	0	0	0
23	0	0	74	71	0	42	8	0	0	0
24	0	0	0	71	17	42	6	0	0	0
25	0	0	0	69	52	44	0	0	0	0
26	0	0	0	48	52	75	0	0	0	0
27	0	0	0	44	82	75	0	0	3	0
28	0	0	0	40	127	73	0	0	10	0
29	0	0	0	38	143	71	0	0	11	0
30	0	0	0	41	143	94	0	0	11	0
31	0	0	0	50	143	0	0	0	14	0
Mean	58	64	74	66	64	52	10	5	9	9
Max.	75	72	94	116	173	139	17	7	11	11
Min.	0	0	0	38	0	30	0	0	0	0
A. F.	1726	1898	2626	4070	3957	3213	143	75	294	34
Water diverted	17490 A. F.						Water diverted 546 A. F.			

BELMONT CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:—							
North Platte River.....	1726	1898	2626	4070	3957	3213	17490
Cedar Creek	0	0	143	75	294	34	546
Total diverted.....	1726	1898	2769	4145	4251	3247	18036
Wasted to:—							
Pumpkin Creek	0	0	105	290	58	26	473
Cedar Creek	0	222	36	234	0	220	712
Total Waste	0	222	141	524	58	246	1191
Delivered to Empire Canal.....	141	0	143	157	95	75	611
Net to Belmont.....	1585	1676	2485	3464	4098	2926	16234

Area reported 14563 acres.
Net diverted 16234 A. F.
Per acre 1.12 A. F.

Acres Reported
D-828 (O. D. A-1237) 14563

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	BICKEL CANAL Diverted from Lodgepole Creek						BIRD CAGE-QUINN CANAL Diverted from Pumpkinseed Creek					
	Oct.	Nov.	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	2	1	0	0	0	2	0	0	0	1	0	0
2	2	1	0	0	0	2	0	0	0	1	0	0
3	2	1	0	0	1	1	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	0	0	0	0
5	2	1	0	0	2	0	0	0	0	0	0	0
6	2	1	0	0	2	0	0	0	0	0	0	0
7	2	1	0	0	2	0	0	0	0	0	0	0
8	2	1	0	0	2	0	0	0	0	0	0	0
9	2	1	0	0	2	0	0	1	0	0	0	0
10	2	1	0	0	2	0	0	1	0	0	0	0
11	2	1	0	0	2	0	1	1	0	0	0	0
12	2	1	0	1	2	0	1	0	0	0	0	0
13	2	1	0	1	2	0	1	0	0	0	0	0
14	2	1	0	1	2	0	1	0	0	0	0	0
15	2	1	0	1	2	0	1	0	0	0	0	0
16	2	1	0	1	2	0	1	0	0	0	0	0
17	2	1	0	1	2	0	1	0	0	0	0	0
18	2	1	0	1	2	0	0	0	0	0	0	0
19	2	1	0	1	2	0	0	0	0	0	0	0
20	2	1	0	0	2	0	0	0	0	0	0	0
21	2	1	0	0	2	0	0	0	0	0	0	0
22	2	1	0	0	2	0	0	0	0	0	0	0
23	2	1	0	0	2	0	0	0	0	0	0	0
24	2	1	0	0	2	0	0	0	0	0	0	0
25	2	1	0	0	2	0	0	0	0	0	0	0
26	2	1	0	0	2	0	0	0	0	0	0	0
27	2	1	0	0	2	2	0	0	0	0	0	0
28	2	1	0	0	2	2	0	0	0	0	0	0
29	2	1	0	0	2	2	0	0	1	0	0	0
30	2	1	0	0	2	2	0	0	1	0	0	0
31	2	..	..	0	2	..	0	0	..	0	0	..
Mean	2	1	0	1	2	2	1	1	1	1	0	0
Max.	2	1	0	1	2	2	1	1	1	1	0	0
Min.	2	1	0	1	0	0	0	0	0	0	0	0
A. F.	*123	*60	0	16	109	26	14	6	4	4	0	0
Area reported 88 acres.						Acreage Reported						
Water diverted 324 A. F.						A-719 65						
Per acre 3.58 A. F.						D-347 23						
*Estimated.						Total 88						

No acreage report filed.
Water diverted 28 A. F.

Date	BIRDWOOD CANAL Diverted from Birdwood Creek					
	April	May	June	July	Aug.	Sept.
1	*	6	47	11	49	23
2	*	5	8	12	44	32
3	*	7	8	22	0	9
4	*	7	8	9	0	12
5	*	9	7	12	0	30
6	*	0	6	17	0	13
7	*	0	6	12	0	17
8	*	0	6	9	0	14
9	*	9	11	9	0	9
10	*	11	22	13	0	13
11	*	11	11	12	0	14
12	*	15	11	14	0	13
13	*	7	10	16	0	12
14	*	7	17	19	0	10
15	*	7	12	26	0	5
16	*	7	19	36	0	5
17	*	9	22	11	0	5
18	*	9	25	7	14	5
19	*	8	24	24	26	5
20	*	9	19	23	28	7
21	*	12	22	30	0	10
22	*	11	12	45	0	11
23	*	8	12	57	0	12
24	*	9	14	54	0	17
25	*	8	20	52	0	17
26	*	7	12	50	0	14
27	*	7	10	50	0	15
28	*	7	9	62	20	9
29	*	7	9	55	22	9
30	*	29	17	55	34	9
31	..	25	..	45	20	..
Mean	*	9	14	29	19	13
Max.	*	29	47	65	49	23
Min.	*	0	6	7	0	5
A. F.	*	541	867	1783	593	768
*No record.						Acreage Reported
						D-646 5573
						Area reported 5573 acres.
						Water diverted 4552 A. F.
						Per acre 0.82 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	BLUE CREEK CANAL					Lake—A-1575		
	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	34	24	0	0	10	39	25	38
2	34	23	0	0	9	42	32	33
3	35	10	0	5	4	21	33	17
4	35	0	0	10	12	0	6	0
5	20	0	0	13	14	0	0	18
6	0	0	0	8	14	0	0	24
7	0	0	0	9	13	6	0	19
8	0	0	0	12	12	12	0	16
9	0	0	0	11	19	18	0	8
10	7	0	0	11	19	16	0	8
11	41	0	0	13	15	18	0	1
12	40	0	0	16	14	8	0	0
13	40	0	0	15	21	34	0	0
14	40	0	0	9	1	38	0	0
15	40	0	0	0	10	38	0	0
16	35	0	0	0	12	15	0	0
17	35	0	0	11	27	0	0	0
18	35	0	0	6	33	0	23	0
19	35	0	0	12	34	18	35	0
20	35	0	0	0	43	18	37	0
21	30	0	0	0	0	14	10	2
22	30	0	0	0	13	8	0	3
23	30	0	0	4	22	11	0	0
24	30	0	0	10	26	15	0	0
25	30	0	0	11	24	28	0	0
26	25	0	0	13	6	23	0	0
27	25	0	0	10	20	22	9	0
28	25	0	0	8	17	25	35	0
29	25	0	0	0	25	29	37	0
30	25	0	0	0	38	24	37	0
31	25	..	..	0	..	23	38	..
Mean	27	2	0	7	14	19	12	6
Max.	41	24	0	16	43	42	39	38
Min.	0	0	0	0	0	0	0	0
A. F.	*1668	*113	0	430	1045	1176	716	371
Area reported	2856 acres.					Acreage Reported		
Water diverted	5319 A. F.					A-1154 30		
Per acre	1.93 A. F.					D-795 339		
No storage diversions,						D-785 2487		
*Estimated.						Total 2856		

Date	BOELUS POWER CANAL												
	Oct.	Nov.	Dec.	Diverted from Middle			Loop	River	June	July	Aug.	Sept.	
				Jan.	Feb.	Mar.	April	May					
1	528	551	*	*	*	*	464	329	520	436	511	544	
2	527	469	*	*	*	*	466	518	514	507	479	540	
3	514	442	*	*	*	*	247	502	503	136	462	556	
4	478	506	*	*	*	*	498	122	523	198	458	514	
5	480	464	*	*	*	*	478	321	285	519	459	548	
6	490	489	*	*	*	*	327	519	531	531	439	545	
7	503	289	*	*	*	*	0	322	513	38	249	542	
8	524	492	*	*	*	*	195	114	33	539	136	466	512
9	496	504	*	*	*	*	315	328	357	182	510	465	509
10	283	468	*	*	*	*	374	493	518	0	509	457	544
11	551	488	*	*	*	*	422	489	508	0	496	461	290
12	542	510	*	*	*	*	442	509	187	329	492	510	549
13	536	497	*	*	*	*	121	493	0	529	502	503	550
14	534	284	*	*	*	*	457	490	0	527	475	227	529
15	530	427	*	*	*	*	496	505	147	523	450	428	544
16	527	*	*	*	*	*	471	536	515	384	505	273	539
17	292	*	*	*	*	*	479	283	521	512	261	532	547
18	534	*	*	*	*	*	484	506	523	504	498	551	297
19	535	*	*	*	*	*	476	511	527	258	505	545	553
20	538	*	*	*	*	*	285	537	516	502	496	510	549
21	532	*	*	*	*	*	486	485	514	480	467	267	545
22	531	*	*	*	*	*	484	466	328	502	479	495	539
23	569	*	*	*	*	*	479	281	528	493	476	472	544
24	292	*	*	*	*	*	484	524	540	500	247	470	528
25	516	*	*	*	*	*	488	530	527	507	489	475	200
26	505	142	*	*	*	*	480	493	539	159	481	499	526
27	497	211	*	*	*	*	262	498	537	532	517	534	536
28	502	*	*	*	*	*	479	505	523	515	500	311	556
29	501	*	*	*	*	*	490	504	502	503	504	530	513
30	518	65	*	*	*	*	489	469	538	499	326	526	507
31	198	..	..	*	..	..	476	..	541	..	176	524	..
Mean	490	213	..	..	..	..	326	434	403	429	414	454	506
Max.	551	551	..	..	..	..	496	537	541	539	513	551	556
Min.	198	0	..	..	..	..	0	0	0	0	38	227	290
A. F.	29441	14674	..	..	..	..	20961	25847	24996	25523	25635	27908	30119
Water diverted	224204 A. F.												
Records furnished by the Central Power Company.													
*Ice.													

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

BOOTH CANAL, NORTH					
Diverted from Lodgepole Creek					
Date	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	1	0	0	0	0
18	4	0	0	0	0
19	4	0	0	0	0
20	4	0	0	0	0
21	4	0	0	0	0
22	4	0	0	0	0
23	4	0	0	0	0
24	4	0	0	0	0
25	3	0	0	0	0
26	4	0	0	0	0
27	3	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	4	0	0	0	0
Max.	4	0	0	0	0
Min.	0	0	0	0	0
A. F.	77	0	0	0	0

Area reported 295 acres.

Water diverted *173 A. F.—Total of both canals.

Per acre *0.59 A. F.

*Incomplete record.

BOOTH CANAL, SOUTH								
Diverted from Lodgepole Creek								
Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	*	*	0	0	0	0	0	0
2	*	*	0	2	0	0	0	0
3	*	*	0	2	0	0	0	0
4	*	*	0	3	0	0	0	0
5	*	*	0	3	0	0	0	0
6	*	*	0	3	0	0	0	0
7	*	*	0	3	0	0	0	0
8	*	*	0	3	0	0	0	0
9	*	*	0	3	0	0	0	0
10	*	*	0	2	0	0	0	0
11	*	*	0	0	0	0	0	0
12	*	*	0	0	0	0	0	0
13	*	*	1	0	0	0	0	0
14	*	*	2	0	0	0	0	0
15	*	*	2	0	0	0	0	0
16	*	*	2	0	0	0	0	0
17	*	4	0	0	0	0	0	0
18	*	*	1	0	0	0	0	0
19	*	*	1	0	0	0	0	0
20	0	*	1	0	0	0	0	0
21	*	*	1	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	*	*	2	0	0	0	0	0
27	*	*	3	0	0	0	0	0
28	*	*	4	0	0	0	0	0
29	*	*	4	0	0	0	0	0
30	*	*	0	0	0	0	0	0
31	*	..	..	0	..	0	0	..
Mean	*	*	2	3	0	0	0	0
Max.	*	*	4	3	0	0	0	0
Min.	*	*	0	0	0	0	0	0
A. F.	*	*	48	48	0	0	0	0

*No record.

Acreage Reported

D-309-310 295

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

BROWN CREEK CANAL Diverted from North Platte River and Pathfinder Reservoir								CASTLE ROCK CANAL Diverted from North Platte River							
Date	Oct.	Nov.	June	July	Aug.	Sept.		Oct.	May	June	July	Aug.	Sept.		
1	62	38	0	1	0	67		61	0	11	48	37	80		
2	64	38	0	1	46	34		48	0	8	47	47	60		
3	58	37	0	1	44	0		31	0	10	64	61	20		
4	51	37	0	1	1	0		24	0	12	71	73	0		
5	47	37	0	1	21	0		20	0	14	70	77	0		
6	46	37	0	1	47	0		15	0	27	69	76	0		
7	46	37	0	1	47	0		11	0	28	68	84	0		
8	42	37	0	1	50	0		8	0	36	66	82	0		
9	42	37	0	1	50	0		7	0	35	62	83	0		
10	42	36	0	1	53	0		7	0	42	65	81	0		
11	43	36	0	1	59	0		7	0	46	76	48	0		
12	43	19	0	1	58	0		7	0	51	77	0	0		
13	41	0	20	1	56	0		2	0	56	76	0	0		
14	42	0	27	1	58	0		0	0	59	76	0	0		
15	41	0	14	1	53	0		0	0	66	89	0	0		
16	44	0	22	1	54	0		0	0	76	61	0	0		
17	45	0	35	1	58	0		0	0	80	8	0	0		
18	44	0	40	1	66	0		0	0	82	0	34	0		
19	42	0	44	1	27	0		0	0	82	0	83	0		
20	40	0	52	1	1	0		0	0	83	3	79	0		
21	39	0	17	1	1	0		0	0	84	8	79	23		
22	38	0	30	1	1	0		0	0	86	24	77	26		
23	37	0	39	1	1	0		0	0	85	56	79	27		
24	37	0	14	1	29	0		0	0	85	61	80	27		
25	37	0	1	1	56	0		0	10	82	61	80	26		
26	37	0	1	1	58	0		0	10	82	57	80	25		
27	38	0	1	1	58	0		0	10	76	67	78	24		
28	38	0	1	1	44	17		0	17	67	71	75	24		
29	38	0	1	1	25	41		0	18	69	35	79	35		
30	38	0	1	1	63	32		0	20	56	30	79	51		
31	37	..	..	1	65	..		0	17	..	40	78	..
Mean	43	36	20	1	42	38		19	15	56	55	72	34		
Max.	64	38	52	1	66	67		61	20	86	80	84	80		
Min.	37	0	0	1	0	0		0	0	8	0	0	0		
A. F.	2656	845	714	61	2479	280		492	202	3306	3168	3594	889		
Acreage Reported								Water diverted 11651 A. F.							
D-857-1033 6132															
Area reported 6132 acres.															
Water diverted 7135 A. F. including storage.															
Per acre 1.16 A. F.															
Total storage diverted 2060 A. F.															

CASTLE ROCK CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	492	202	3306	3168	3594	889	11651
Waste	*16	69	180	466	67	256	1054
Net for irrigation.....	476	133	3126	2702	3527	633	10597

Area reported 6038 acres.

Net diverted 10597 A. F.

Per acre 1.76 A. F.

*Incomplete record.

Acreage Reported

D-921 6038

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

CENTRAL CANAL							
Diverted from North Platte River and Pathfinder Reservoir							
Date	Oct.	May	June	July	Aug.	Sept.	
1	11	0	33	21	35	30	
2	20	0	0	24	32	35	
3	8	0	0	38	31	19	
4	7	0	0	29	32	22	
5	0	0	0	28	29	10	
6	0	0	13	22	28	11	
7	0	0	17	26	31	16	
8	0	0	15	15	30	15	
9	0	19	14	16	40	13	
10	0	15	18	36	22	11	
11	0	24	31	35	21	10	
12	0	25	30	35	20	13	
13	0	29	32	32	20	13	
14	0	34	31	30	20	7	
15	0	27	34	28	20	0	
16	0	31	37	22	14	0	
17	0	23	39	23	17	0	
18	0	27	37	35	15	0	
19	0	36	15	28	24	0	
20	0	0	34	22	28	0	
21	0	0	28	20	25	0	
22	0	0	40	8	19	0	
23	0	0	36	11	21	0	
24	0	0	20	19	18	0	
25	0	16	0	19	20	0	
26	0	21	0	17	32	0	
27	0	17	34	17	32	6	
28	0	20	18	16	30	3	
29	0	24	19	16	30	2	
30	0	35	19	33	33	13	
31	0	43	..	37	33	..	
Mean	11	26	27	24	26	14	
Max.	20	43	40	36	40	35	
Min.	0	0	0	8	15	0	
A. F.	91	924	1277	1503	1587	488	
Water diverted 5870 A. F.							

CENTRAL CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	91	924	1277	1503	1587	488	5870
Waste	0	121	450	407	28	60	1076
Net diverted	91	803	827	1096	1549	428	4794
Area reported 2119 acres.							Acreage Reported
Net diverted 4794 A. F.							D-926 2119
Per acre 2.26 A. F.							
Storage diverted 850 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	CHAMPION CANAL											Aug.	Sept.	
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Reservoir—A-1108			
1
2
3	6	.
4	0	.
5	18	22	0	0	9
6	0	.
7	17	0	.
8	0	.
9	0	.
10	10	.	.	.	.	.	.	.	.	.	.	17	0	.
11	.	.	.	13	.	.	.	.	.	.	.	.	0	10
12	17	0	.
13	0	.
14	.	.	0	.	.	.	.	.	.	.	.	.	0	.
15	11	21	17	0	.	.
16	0	.
17	11	.	.	.	.	.	.	.	11	11	.	0	.	.
18	4
19	.	17	.	.	.	.	.	10	.	.	17	.	.	4
20
21	9	.	.	.	.	5	.
22	10	12	.	.	.	23	.	6	.	.
23	11	.	.	.	.	.	.	.	.	.	.	0	.	.
24	17	0	.	.
25	11	.	.	.	.	.	.	.	.	.	.	0	.	.
26	0	4	.
27	14	.	.	0	.	.
28	0	.	.
29	23	0	.	.	.
30	4
31	11	.	.	.	.	.	.	.	.	.	.	10	.	.
Mean
Max.
Min.
A. F.

Water diverted—Incomplete record.

*No record.

Acreage Reported

D-47 1207

A-1160 Supplemental Kilpatrick Reservoir

CHIMNEY ROCK CANAL
Diverted from North Platte River
and Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	2	48	29	59
2	22	0	5	32	39	55
3	16	0	6	26	41	5
4	13	0	5	15	60	11
5	16	0	13	26	60	7
6	15	0	14	50	59	9
7	23	0	19	54	57	10
8	23	0	20	64	44	12
9	27	0	44	61	48	8
10	27	0	37	61	39	7
11	25	0	28	61	0	2
12	19	0	28	54	10	0
13	18	0	31	51	43	4
14	15	2	23	55	36	4
15	4	9	24	61	51	5
16	0	3	33	32	50	5
17	0	9	61	0	50	3
18	0	2	36	15	37	2
19	0	2	31	4	29	6
20	0	0	42	14	30	4
21	0	0	42	15	37	3
22	0	0	48	10	37	4
23	0	0	36	8	39	3
24	0	0	26	5	28	3
25	0	0	30	11	37	1
26	0	0	38	16	36	3
27	0	0	41	21	35	3
28	0	2	34	53	39	5
29	0	3	36	16	54	7
30	0	2	46	15	54	7
31	0	2	.	8	52	.
Mean	19	4	29	31	42	9
Max.	27	9	61	61	60	59
Min.	0	0	2	0	0	0
A. F.	555	71	1743	1849	2479	510

Water diverted 7207 A. F.

(See next page for summary in acre-feet of Chimney Rock Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

CHIMNEY ROCK CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	555	71	1743	1849	2479	510	7207
Wasted to:—							
Chimney Rock Waste No. 1.....	*	28	159	79	83	113	462
Chimney Rock Waste No. 2.....	*	0	34	69	60	73	242
Total waste	*	28	193	148	143	192	704
Net diverted	555	43	1550	1701	2336	318	6503

Area reported 5714 acres.

Net diverted 6503 A. F. including storage.

Per acre 1.14 A. F.

Storage diverted 1475 A. F.

*No record.

Acreage Reported

D-844-1031 5667

A-2190 47

Total 5714

CIRCLE ARROW CANAL

Diverted from Lodgepole Creek

Date	Oct.	Mar.	April	May	June	July	Aug.	Sept.
1	3	*	*	*	0	7	0	3
2	3	*	*	*	0	6	6	3
3	3	*	*	*	0	3	6	4
4	3	*	*	*	0	3	6	3
5	3	*	*	*	2	3	5	4
6	3	*	*	*	3	2	4	4
7	3	*	*	*	3	3	4	3
8	3	*	*	*	3	3	3	4
9	3	*	*	*	3	2	3	3
10	3	*	*	*	3	3	3	3
11	3	*	*	*	2	3	3	3
12	3	*	*	*	2	3	3	3
13	3	*	*	*	2	3	3	3
14	3	*	*	*	2	3	3	3
15	3	*	*	*	2	3	3	3
16	3	0	*	*	2	3	2	3
17	3	0	*	*	2	3	2	3
18	3	0	*	*	3	3	3	3
19	3	0	*	*	3	3	3	3
20	3	0	*	*	3	3	3	3
21	3	0	*	*	0	3	3	3
22	3	0	*	*	3	3	3	3
23	3	0	*	*	2	5	3	3
24	3	0	*	*	2	4	3	3
25	3	0	*	*	4	0	3	3
26	3	0	5	0	7	2	3	3
27	3	0	*	*	11	5	3	3
28	3	0	*	*	10	2	3	3
29	3	0	*	*	9	0	3	3
30	3	0	*	*	8	0	3	3
31	3	0	*	*	..	0	3	..
Mean	3	*	*	*	4	3	3	3
Max.	3	*	*	*	11	7	6	4
Min.	3	*	*	*	0	0	0	3
A. F. 184		*	*	*	190	177	210	185

Area reported 380 acres.

Water diverted—incomplete record—947 A. F.

Per acre 2.49 A. F.

*No record.

Acreage Reported

D-346 380

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	CLEAR CREEK CANAL Diverted from Clear Creek						CODY-DILLON CANAL Diverted from North Platte River					
	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	3	3	0	11	0	0	21	25	42
2	2	0	0	3	4	0	11	0	0	19	29	40
3	2	0	0	3	4	0	12	0	0	11	15	22
4	2	0	0	3	4	0	12	0	0	4	0	0
5	2	0	0	3	4	0	13	0	0	3	0	0
6	2	0	0	3	4	0	15	0	28	3	0	0
7	2	0	0	0	4	0	17	0	25	0	0	2
8	2	0	0	0	4	0	19	0	25	0	0	4
9	2	0	0	3	4	0	20	0	23	0	0	4
10	1	4	0	3	4	0	17	0	20	2	0	2
11	0	0	2	3	3	0	17	0	20	2	0	2
12	0	3	2	4	3	0	17	0	19	15	0	0
13	0	5	0	3	3	0	19	0	19	29	0	0
14	0	5	0	3	0	0	21	0	20	24	0	0
15	0	6	0	4	0	0	19	0	20	21	0	0
16	0	2	0	4	0	0	11	0	20	22	0	0
17	0	3	3	4	0	0	0	0	19	44	7	0
18	0	2	3	4	0	0	0	0	17	47	38	0
19	0	3	0	4	0	0	0	0	17	42	50	0
20	0	0	0	3	0	0	0	0	16	55	47	0
21	0	0	0	3	0	0	0	0	4	55	0	0
22	0	4	0	3	4	0	0	0	4	54	0	0
23	0	2	0	2	5	0	0	0	0	48	0	0
24	0	2	0	3	5	0	0	0	9	27	0	0
25	0	2	0	3	5	0	0	0	20	53	0	0
26	0	3	0	3	4	0	0	0	13	29	0	0
27	0	3	0	3	5	0	0	0	12	26	14	0
28	0	3	0	3	0	0	0	0	10	26	29	0
29	0	3	3	3	0	0	0	0	9	25	39	0
30	0	0	3	4	0	0	0	0	10	27	50	0
31	0	0	..	3	0	..	0	0	..	34	48	..
Mean	2	3	3	3	4	0	8	0	13	25	14	4
Max.	2	4	3	4	5	0	20	0	23	55	50	42
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A. F.	38	109	32	184	151	0	498	0	791	1565	835	234
Area reported	160 acres.					Acres Reported	Water diverted 3923 A. F.					
Water diverted	514 A. F.					D-748	160					
Per acre	3.21 A. F.											

CODY-DILLON CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:—							
North Platte River.....	498	0	791	1565	835	234	3923
Cody-Dillon Tailwater	0	0	200	14	0	0	214
Net diverted.....	498	0	591	1551	835	234	3709
Area reported	4743 acres.					Acres Reported	
Water diverted	3709 A. F.					D-649	4743
Per acre	0.78 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

COLUMBUS POWER DIVERSION—A-2287

Weir Measurements—Sec. 28-17-4 W.

Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	510	560	850	480	500	590	675	675	600	600	720	745
2	510	560	750	480	630	560	675	675	600	560	720	745
3	510	560	600	480	590	680	675	675	600	530	730	660
4	510	560	510	480	590	720	675	675	600	530	730	665
5	510	560	220	510	590	470	675	675	675	600	710	735
6	510	560	110	510	590	300	415	750	600	600	600	730
7	510	560	40	310	590	430	430	750	560	600	635	735
8	560	560	90	560	560	590	675	675	560	600	710	675
9	510	560	180	560	560	630	675	675	690	600	710	675
10	510	560	280	600	560	630	675	675	690	600	710	665
11	510	560	400	560	560	720	675	675	565	630	710	620
12	560	560	440	480	590	810	675	675	565	660	710	660
13	560	560	480	480	560	760	675	675	300	660	640	660
14	560	560	560	510	560	760	600	675	200	660	610	665
15	560	560	620	510	560	810	530	675	200	660	660	675
16	560	450	560	510	560	720	530	700	200	630	685	675
17	560	170	620	480	560	630	530	675	370	600	725	610
18	560	170	750	480	500	610	530	600	540	660	710	620
19	560	40	600	480	560	600	530	725	540	700	725	670
20	560	70	400	480	560	600	600	600	600	710	700	675
21	560	70	330	480	560	600	675	540	600	710	730	675
22	560	240	350	480	560	600	675	570	600	710	675	675
23	560	670	330	480	560	600	675	600	600	660	665	675
24	560	1070	330	400	560	600	675	600	600	660	665	600
25	560	1070	350	350	590	600	675	600	540	710	670	610
26	560	1070	400	510	590	600	675	600	660	710	675	625
27	560	1000	440	510	590	600	675	600	660	720	660	615
28	560	680	510	600	590	600	675	530	600	720	610	610
29	560	560	510	440	...	675	675	530	600	720	665	590
30	560	820	510	350	...	675	675	550	600	675	750	570
31	560	...	510	400	...	675	...	600	...	700	750	...
Mean	544	552	440	482	569	627	629	642	534	649	687	660
Max.	560	1070	850	600	630	810	675	750	675	720	750	745
Min.	510	40	40	310	500	300	415	530	200	530	600	570
A. F.	33440	32830	27030	29630	31600	38570	37430	39460	31770	29900	42260	39270
Total acre-feet	423190.											

COURT HOUSE ROCK CANAL

Diverted from Pumpkinseed Creek

Date	Oct.	Nov.	Dec.	Mar.	April	May	June	July	Aug.	Sept.		
1	8	11	16	0	9	0	0	13	15	13		
2	8	11	17	0	15	10	0	12	14	15		
3	8	10	17	0	14	20	0	2	14	24		
4	8	10	17	0	13	21	0	0	14	8		
5	8	10	17	0	18	19	0	0	14	8		
6	8	11	17	0	20	20	0	9	13	8		
7	8	11	17	0	20	20	0	18	14	8		
8	8	10	17	0	18	20	0	17	13	7		
9	8	8	17	0	17	20	0	14	12	7		
10	8	8	17	0	16	18	0	13	12	7		
11	8	7	0	0	16	19	0	14	0	7		
12	8	7	0	0	20	20	0	15	0	7		
13	8	8	0	0	20	20	0	15	0	8		
14	8	8	0	0	15	19	16	14	0	7		
15	9	8	0	0	18	16	24	13	0	7		
16	9	8	0	0	20	17	24	13	0	4		
17	9	8	0	0	21	11	23	19	0	4		
18	9	8	0	0	20	17	22	31	0	3		
19	9	13	0	0	20	24	21	28	17	5		
20	9	14	0	11	20	0	22	26	16	4		
21	9	15	0	16	13	0	20	24	0	2		
22	9	15	0	15	20	0	20	18	0	2		
23	9	15	0	15	20	0	20	19	0	2		
24	9	15	0	16	20	0	20	24	0	2		
25	10	15	0	16	20	0	20	18	0	1		
26	10	15	0	16	15	0	20	18	0	1		
27	10	16	0	16	0	0	20	18	0	1		
28	10	16	0	16	0	0	20	18	0	1		
29	10	16	0	10	0	0	18	19	16	1		
30	11	16	0	0	0	0	17	18	75	1		
31	11	..	0	0	..	0	..	16	50	..		
Mean	9	6	5	5	15	11	12	16	7	6		
Max.	11	16	17	16	21	24	24	28	17	24		
Min.	8	7	0	0	0	0	0	0	0	1		
A. F.	543	335	335	292	968	657	688	984	413	257		
Area reported	1402 acres.						Acreage	Reported				
Water diverted	5502 A. F.						D-840-1028	1402				
Per acre	3.92 A. F.						A-2315	No report filed				

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	COZAD CANAL								Sept.
	Diverted from Platte River		and Sutherland Reservoir						
	Oct.	Nov.	Mar.	April	May	June	July	Aug.	
1	111	122	0	68	94	34	78	0	0
2	114	127	0	71	46	33	72	0	0
3	111	128	0	63	36	31	88	0	3
4	127	130	0	72	34	27	50	0	90
5	102	120	0	73	35	23	82	0	132
6	125	125	0	40	36	27	70	0	124
7	146	132	0	0	35	31	93	0	147
8	190	123	0	0	28	38	55	0	141
9	175	115	0	0	32	36	75	0	149
10	157	112	0	0	41	33	96	0	134
11	155	113	0	6	31	32	132	0	128
12	153	99	0	62	0	45	156	0	136
13	143	77	0	72	15	46	164	0	119
14	143	90	0	97	32	44	198	0	112
15	159	92	0	108	27	65	170	0	93
16	151	102	0	90	27	93	103	0	110
17	121	99	0	103	27	33	0	0	72
18	111	58	0	105	27	53	0	0	65
19	115	0	0	115	28	48	0	0	85
20	118	0	0	105	24	82	0	0	77
21	132	0	0	104	0	86	50	0	61
22	134	0	0	125	0	74	68	0	69
23	133	0	0	116	0	84	6	0	61
24	132	0	0	119	0	41	223	0	59
25	118	0	0	122	0	0	258	0	61
26	107	0	0	88	0	1	261	0	72
27	108	0	0	81	5	69	173	0	102
28	122	0	0	115	29	77	115	0	91
29	122	0	0	87	34	70	0	0	67
30	123	0	0	91	29	64	23	0	113
31	123	..	14	..	24	..	85	0	..
Mean	131	66	0.5	76	25	47	97	0	89
Max.	190	132	14	125	94	93	261	0	149
Min.	102	0	0	0	0	0	0	0	0
A.F. 8095	2902	28	4558	1539	2816	5958	0	5304	
Water diverted	32200	A. F.							

COZAD CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Mar.	April	May	June	July	Aug.	Sept.	Total
Diverted from Platte River	8095	2902	28	4558	1539	2816	5958	0	5304	32200
Wasted into Dawson Canal	*	*	*	*	486	658	424	0	728	2296
Net diverted	8095	2902	28	4558	1053	2158	5534	0	4576	29904

Area reported 31985 acres.

Net diverted 29904 A. F.

Per acre 0.93 A. F.

No storage diversions.

*No record.

Acreage Reported
A-2056 No report filed
A-2050 No report filed
D-626 31985

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

CULBERTSON CANAL
Diverted from Frenchman River and
Stinking Water Creek

Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.	
1	89	72	..	62	51	72	87	82	
2	82	74	..	61	43	63	89	79	
3	82	74	..	56	57	43	89	78	
4	81	75	..	54	15	19	84	76	
5	81	77	..	59	26	21	93	75	
6	79	77	..	51	38	20	87	73	
7	81	74	..	49	41	24	85	73	
8	81	74	..	40	39	15	52	73	
9	82	76	..	39	43	59	92	71	
10	81	75	..	37	53	71	92	74	
11	82	75	..	37	57	70	83	65	
12	79	73	..	37	58	73	81	63	
13	74	68	..	32	66	71	84	59	
14	75	73	..	32	71	75	82	63	
15	77	75	..	38	80	76	83	63	
16	75	75	..	39	87	75	103	57	
17	74	72	..	37	65	76	96	51	
18	72	8	..	36	51	88	96	43	
19	70	0	..	45	27	53	94	43	
20	70	0	..	50	25	103	83	43	
21	70	0	0	59	47	106	75	43	
22	71	0	47	65	52	110	75	43	
23	71	0	59	67	56	108	76	43	
24	71	0	61	72	57	106	73	43	
25	72	0	65	79	57	105	73	49	
26	72	0	60	88	60	100	75	54	
27	74	0	69	87	60	100	47	55	
28	73	0	68	83	57	101	79	55	
29	73	0	67	86	57	98	87	55	
30	73	0	65	69	70	90	87	57	
31	72	..	..	73	..	92	85	..
Mean	76	42	62	55	53	75	83	69	
Max.	82	77	69	88	87	108	103	82	
Min.	70	0	0	32	15	19	47	43	
A. F.	4661	2513	1113	3392	3126	4610	5115	3572	
Area reported 9393 acres.				Acreage Reported					
Water diverted 28102 A. F.				D-24-25-29-30				9393	
Per acre 2.99 A. F.									

DAWSON COUNTY CANAL

Date	Oct.	April	May	June	July	Aug.	Sept.	
1	200	0	175	77	102	117	170	
2	200	0	85	107	105	52	220	
3	200	0	180	101	82	0	215	
4	200	0	161	57	86	0	192	
5	200	0	170	129	93	0	194	
6	200	0	164	136	103	0	194	
7	250	0	102	136	140	0	192	
8	292	0	91	132	140	0	178	
9	223	0	91	132	173	0	212	
10	223	0	95	93	158	0	64	
11	241	20	101	61	217	0	143	
12	261	0	93	114	140	0	117	
13	282	125	64	123	238	0	0	
14	286	59	28	137	137	0	0	
15	303	57	18	130	69	0	103	
16	300	86	12	134	64	0	74	
17	280	86	8	164	68	118	150	
18	260	89	5	44	0	203	171	
19	260	125	4	44	0	199	166	
20	260	133	11	22	0	27	143	
21	261	142	32	21	58	0	68	
22	200	146	86	142	192	0	110	
23	200	146	117	143	284	0	164	
24	159	145	132	185	263	0	173	
25	100	187	83	159	277	0	197	
26	0	195	46	132	284	0	201	
27	0	199	46	143	241	85	206	
28	0	213	40	180	241	202	213	
29	0	228	29	100	170	116	217	
30	0	201	48	81	282	61	233	
31	0	..	51	..	178	120	..	
Mean	188	86	76	112	148	42	153	
Max.	303	228	180	185	284	203	233	
Min.	0	0	4	21	0	0	0	
A. F.	11568	5117	4697	6662	9094	2578	9322	
Water diverted 49038 A. F.								

DISCHARGE OF CANALS IN SECOND-FEET, 1933—Continued

DAWSON COUNTY CANAL						
Date	Oct.	May	June	July	Aug.	Sept.
1	*	17	0	16	0	0
2	*	14	13	14	0	2
3	*	11	12	15	0	4
4	*	9	4	17	0	0
5	*	5	3	14	0	0
6	*	7	1	15	0	20
7	*	15	4	15	0	17
8	*	12	7	14	0	17
9	*	5	7	11	0	14
10	*	4	6	11	0	12
11	*	15	6	12	0	13
12	*	12	5	9	0	12
13	*	0	17	12	0	17
14	*	11	14	9	0	15
15	*	12	15	4	0	15
16	*	15	18	0	0	14
17	*	11	15	0	0	14
18	*	14	14	0	0	14
19	*	14	18	0	0	15
20	*	14	18	0	0	15
21	*	10	17	0	0	12
22	*	6	16	0	0	17
23	*	4	22	0	0	14
24	*	4	22	0	0	12
25	*	0	14	0	0	14
26	*	0	2	0	0	14
27	*	0	0	11	0	17
28	*	0	3	7	0	12
29	*	0	19	4	0	11
30	*	0	20	2	0	14
31	*	4	..	2	0	..
Mean	*	8	11	7	0	12
Max.	*	17	22	17	0	20
Min.	*	0	0	0	0	0
A. F.	*	486	658	424	0	728
Water diverted 2296 A. F.						
*No record.						

DAWSON COUNTY CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from:—								
Platte River	11568	5117	4697	6662	9094	2578	9322	49038
Cozad Tail Waste.....	*	*	486	658	424	0	728	2296
Total.....	11568	5117	5183	7320	9518	2578	10050	51334
Wasted into:—								
French Creek	*	*	1004	619	313	0	357	2293
Elm Creek	*	*	250	373	280	0	339	1242
Buffalo Creek	*	*	99	174	170	0	0	443
Total waste.....	*	*	1353	1166	763	0	696	3978
Net diverted.....	11568	5117	3830	6154	8755	2578	9354	47356

Area reported 98584 acres.
Water diverted 47356 A. F.
Per acre 0.48 A. F.
No storage diversions.
*No record.

Acceage	Reported
D-621R	509
D-622	73640
D-624	2445
A-2039	5506
A-2093	213
A-2110	14715
A-2262	570
A-2145	995
Total	98584

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

ELM CREEK CANAL.									
Diverted from Platte River and Sutherland Reservoir									
Date	Oct.	Nov.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	0	35	51	2	0	0	0
2	*	*	0	30	51	1	5	0	0
3	*	*	0	15	46	3	16	0	0
4	*	*	0	56	23	2	16	0	0
5	*	*	0	45	23	1	17	0	0
6	*	*	0	20	19	1	18	0	12
7	*	*	0	0	32	1	18	0	16
8	*	*	0	0	28	1	13	0	18
9	*	*	0	5	19	1	16	0	16
10	*	*	0	28	5	47	16	0	18
11	*	*	0	42	8	46	12	0	21
12	*	*	0	57	11	40	12	0	20
13	*	*	0	54	2	2	8	0	3
14	*	*	0	50	0	3	1	0	3
15	*	*	0	47	0	2	0	0	5
16	*	*	0	20	0	5	0	0	8
17	*	*	15	8	0	1	0	0	4
18	*	*	40	0	0	0	0	0	5
19	*	*	45	0	0	0	0	0	5
20	*	*	85	0	0	0	0	0	3
21	*	*	63	0	0	0	0	0	5
22	*	*	60	0	0	0	0	0	4
23	*	*	55	0	2	0	0	0	5
24	*	*	50	0	1	16	0	0	5
25	*	*	50	0	1	4	0	0	1
26	*	*	54	0	1	0	0	0	3
27	*	*	53	0	1	1	0	0	2
28	*	*	48	0	1	0	0	0	2
29	*	*	43	0	1	0	0	0	2
30	*	*	40	0	3	0	0	0	1
31	*	*	38	..	2	..	0	0	..
Mean	*	*	24	17	11	6	5	0	6
Max.	*	*	85	57	51	47	19	0	21
Min.	*	*	0	0	0	0	0	0	0
A. F.	*	*	1466	1015	656	357	337	0	371

Area reported (1938) 5950 acres.

Water diverted 4202 A. F.

No storage diversion.

Per acre 0.71 A. F.

*No report.

Acreage Reported
A-2104 No acreage
report filed 1937 or
1938

EMPIRE CANAL						
Diverted from Belmont Canal						
Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	0	0	4	9
2	6	0	0	0	4	5
3	6	0	0	0	3	1
4	5	0	0	1	1	1
5	5	0	0	1	1	1
6	5	0	0	2	1	1
7	6	0	0	3	1	1
8	6	0	0	2	1	1
9	5	0	2	2	1	1
10	4	0	4	2	0	1
11	4	0	3	3	0	1
12	4	0	5	3	0	2
13	3	0	6	6	0	1
14	4	0	6	8	0	0
15	2	0	6	5	0	0
16	0	0	6	6	0	0
17	0	0	6	6	0	0
18	0	0	6	3	0	0
19	0	0	6	5	1	0
20	0	0	2	5	1	0
21	0	0	6	2	0	0
22	0	0	6	1	0	0
23	0	0	2	1	0	0
24	0	0	0	1	0	0
25	0	0	0	1	0	0
26	0	0	0	1	0	0
27	0	0	0	1	0	1
28	0	0	0	1	4	3
29	0	0	0	1	9	3
30	0	0	0	2	8	5
31	0	0	..	4	8	..
Mean	2	0	5	3	3	2
Max.	6	0	6	8	9	9
Min.	0	0	0	0	0	0
A. F.	141	0	143	157	95	75

Area reported 1650 acres.

Water diverted 611 A. F.

Per acre 0.37 A. F.

Total 1650

ENTERPRISE CANAL						
Diverted from North Platte River						
Date	Oct.	May	June	July	Aug.	Sept.
85	0	37	47	86	68	
87	0	45	68	84	78	
75	0	59	76	83	65	
70	0	70	78	87	58	
60	0	68	91	85	34	
50	0	71	89	86	35	
40	0	73	98	86	24	
35	0	71	80	79	51	
35	0	73	92	82	55	
35	0	76	82	85	50	
30	0	69	94	2	39	
30	0	64	90	1	51	
30	30	63	86	1	44	
0	58	75	100	1	53	
0	60	76	94	1	53	
0	60	78	94	1	57	
0	65	96	94	1	54	
0	52	99	87	34	52	
0	17	79	85	75	52	
0	6	60	82	75	56	
0	3	71	30	75	56	
0	3	58	56	75	56	
0	1	25	67	75	55	
0	1	33	58	75	60	
0	28	33	57	79	62	
0	24	27	66	75	64	
0	19	23	52	79	63	
0	36	14	64	74	63	
0	45	7	72	71	65	
0	54	42	79	65	64	
0	43	..	76	69	..	
51	32	58	77	60	55	
87	65	99	100	87	78	
0	0	7	30	1	24	
1313	1200	3441	4729	3664	3247	

Water diverted 17594 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

ENTERPRISE CANAL							
Diverted from Wet Spotted Tail Creek							
Date	Oct.	May	June	July	Aug.	Sept.	
1	9	0	4	7	10	23	
2	9	0	4	7	11	34	
3	9	0	4	7	11	35	
4	9	0	4	7	11	20	
5	9	0	4	7	11	20	
6	9	0	4	7	11	15	
7	9	0	4	8	11	15	
8	9	0	4	8	11	15	
9	9	0	4	8	11	14	
10	9	0	4	8	14	14	
11	8	0	4	8	11	13	
12	8	0	5	8	11	13	
13	8	4	5	8	11	13	
14	8	4	5	8	10	12	
15	7	4	5	10	10	12	
16	7	4	5	12	10	12	
17	7	5	5	12	10	12	
18	7	5	5	10	10	12	
19	7	5	6	9	10	12	
20	7	5	6	9	10	12	
21	0	5	6	9	10	12	
22	0	4	6	9	10	12	
23	0	4	6	9	10	12	
24	0	4	8	9	10	12	
25	0	4	8	9	10	12	
26	0	3	8	10	10	12	
27	0	3	7	10	10	12	
28	0	3	7	10	10	12	
29	0	3	7	10	10	12	
30	0	4	7	10	10	12	
31	0	4	..	10	10	..	
Mean	8	4	5	9	10	15	
Max.	9	5	8	12	14	35	
Min.	0	0	4	7	10	12	
A. F.	325	153	319	541	645	893	
Water diverted	2876 A. F.						

ENTERPRISE CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:—							
North Platte River.....	1313	1200	3641	4729	3664	3247	17594
Morrill and Stewart Drains.....	179	63	30	87	163	359	881
Dry Spotted Tail Creek.....	0	0	..	..	210	0	210
Wet Spotted Tail Creek.....	325	153	319	541	645	893	2876
Tub Springs	2198	1103	1642	2559	3205	4570	15277
Winters Creek (O. D. A-2409).....	0	0	121	93	75	6	295
Total diverted.....	4015	2519	5553	8609	7962	9075	37133
Wasted into:—							
Tub Springs	3556	1250	1722	2446	2089	5447	16510
Winters Creek	436	335	906	1339	127	1256	4399
Total waste	3992	1585	2628	3785	2216	6703	20909
Net diverted	23	934	2925	4224	5746	2372	16224
Area reported 7227 acres.							
Net diverted 16224 A. F.				Acreage Reported			
Per acre 2.24 A. F.				D-920	7074		
*No record.				D-920 (O. D. A-2409)			
				152.8			
				Total			
				7226.8			

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	FARMERS CANAL							FINCH CANAL				
	Diverted from Frenchman				River	Diverted from Clear Creek						
	Oct.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	*	0	*	0	*	*	0	0	0	0	0	
2	*	*	*	0	*	*	2	0	0	0	0	
3	*	*	*	0	3	*	0	0	0	0	0	
4	*	*	*	0	*	*	2	0	0	0	0	
5	*	*	0	0	*	4	2	0	0	0	0	
6	*	*	*	0	*	*	0	0	0	0	0	
7	*	*	*	0	*	*	0	0	0	0	0	
8	*	*	*	6	3	*	0	0	0	0	0	
9	*	*	*	0	3	*	0	0	0	0	0	
10	3	*	*	0	*	*	0	0	0	0	0	
11	*	*	*	*	3	0	0	0	0	0	0	
12	*	*	*	3	5	*	2	0	0	0	0	
13	*	*	*	*	0	*	0	0	0	0	0	
14	*	*	*	*	0	*	2	0	0	0	0	
15	*	4	3	3	0	*	0	0	0	0	0	
16	*	*	*	*	0	*	0	0	0	0	0	
17	3	*	*	*	5	*	0	0	0	0	0	
18	*	*	*	*	*	0	0	0	0	0	0	
19	*	*	*	3	*	*	0	0	0	0	0	
20	*	*	0	*	*	*	0	0	0	0	0	
21	*	*	0	*	4	*	0	0	0	0	0	
22	*	*	0	*	4	*	0	0	0	0	0	
23	*	*	0	*	*	*	0	0	0	0	0	
24	*	*	0	0	*	*	0	0	0	0	0	
25	4	*	0	*	4	*	0	0	0	0	0	
26	*	*	0	*	4	0	0	0	0	0	0	
27	*	1	0	*	*	*	0	0	0	0	0	
28	*	*	0	*	0	*	0	0	0	0	0	
29	*	*	0	0	*	*	0	0	0	0	0	
30	*	*	0	*	*	0	0	0	0	0	0	
31	5	*	*	*	0	*	0	0	0	0	0	
Mean	*	*	*	*	*	*	2	0	0	0	0	
Max.	*	*	*	*	*	*	2	0	0	0	0	
Min.	*	*	*	*	*	*	0	0	0	0	0	
A. F.							20	0	0	0	0	
Area reported	660 acres.				Acreage Reported		Area reported 100 acres.					
Water diverted—	Incomplete record.				D-10 660		Water diverted 20 A. F.					
Per acre—	Incomplete record.						Per acre 0.20 A. F.					
*No record.												

Date	FOLLEY-KROTTER CANAL							Aug.	Sept.
	Diverted from Frenchman				River				
	Oct.	Mar.	April	May	June	July			
1	*	*	*	0	*	*	*	*	
2	*	*	*	*	*	*	*	*	
3	*	*	*	*	*	*	18	*	
4	*	*	*	*	*	*	0	*	
5	*	*	*	*	0	35	0	15	
6	*	*	*	*	*	*	0	*	
7	*	*	*	*	*	35	0	*	
8	*	*	*	*	*	*	0	*	
9	*	*	*	*	*	*	0	*	
10	0	*	*	*	*	34	0	*	
11	*	*	*	*	*	*	0	16	
12	*	*	*	*	*	18	0	*	
13	*	*	*	*	*	0	0	*	
14	*	*	*	*	*	0	0	*	
15	*	*	*	0	23	0	0	*	
16	*	*	*	*	*	0	0	*	
17	20	*	*	*	*	*	0	19	
18	*	*	*	*	*	0	0	*	
19	*	*	*	*	*	*	0	*	
20	*	*	21	*	*	*	*	*	
21	*	*	*	0	*	*	18	0	
22	*	*	*	*	24	*	18	*	
23	*	15	*	*	*	*	0	*	
24	*	*	*	*	*	19	0	*	
25	20	*	*	*	*	*	0	*	
26	*	*	*	*	*	*	0	0	
27	*	*	*	0	*	19	0	*	
28	*	*	*	*	*	*	0	*	
29	*	*	*	*	22	19	*	*	
30	*	*	*	*	*	*	0	*	
31	0	*	*	*	*	*	14	*	
Mean	*	*	*	*	*	*	*	*	
Max.	*	*	*	*	*	*	*	*	
Min.	*	*	*	*	*	*	*	*	
A. F.									
*No record.									
								Acreage Reported	
								A-705	300
								A-720	180
								A-975	324
								A-2294	208
								Total	1012

DEPARTMENT OF ROADS AND IRRIGATION

921

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

FORT LARAMIE CANAL. Diverted from North Platte and Laramie Rivers, and Pathfinder and Guernsey Reservoirs						GATCH CANAL Diverted from Melbeta				Drain
Date	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	19	144	1232	1381	1419	0	0	0	0	0
2	35	145	1305	1401	1325	0	0	0	0	0
3	37	146	1295	1430	1113	0	0	0	0	0
4	198	144	1296	1509	972	0	0	0	0	0
5	198	181	1302	1504	938	0	0	0	0	0
6	279	244	1301	1509	940	0	0	0	0	0
7	418	265	1325	1514	845	0	0	0	0	0
8	428	296	1316	1507	776	0	0	0	0	0
9	435	401	1303	1507	767	0	0	0	0	0
10	547	538	1300	1502	767	0	0	0	0	0
11	632	661	1345	1502	773	0	0	0	0	0
12	630	720	1409	1500	674	0	0	0	0	0
13	669	814	1502	1504	565	0	0	0	0	0
14	730	944	1511	1502	550	0	0	0	4	0
15	713	997	1502	1507	549	0	0	0	4	0
16	753	1155	1504	1486	573	0	0	0	3	0
17	803	1278	1511	1470	559	0	0	0	2	0
18	702	1276	1405	1452	567	0	0	0	4	0
19	699	1276	1401	1434	593	0	0	0	3	0
20	489	1505	1379	1423	637	0	0	0	3	0
21	308	1317	1298	1427	701	0	0	0	3	0
22	65	1276	1248	1423	762	0	0	0	3	0
23	33	1250	1251	1421	794	0	0	0	3	0
24	34	1195	1335	1423	865	0	4	0	3	0
25	26	1177	1408	1425	702	0	5	0	3	0
26	9	1092	1452	1425	586	0	2	0	3	0
27	9	1075	1458	1425	685	0	4	0	3	0
28	23	1079	1454	1414	693	0	3	0	3	0
29	212	1074	1434	1401	634	0	2	0	3	0
30	364	1138	1388	1403	291	0	0	0	2	0
31	199	....	1268	1412	....	0	..	0	1	..
Mean	345	820	1420	1455	753	0	3	0	3	0
Max.	803	1317	1511	1514	1419	0	5	0	4	0
Min.	9	144	1232	1381	291	0	0	0	0	0
A. F.	21215	48800	87099	89541	44857	0	42	0	99	0
Total area irrigated	estimated at 107000 acres.					Area reported 65 acres. Acreage Reported 65				
Area in Nebraska	54870 acres.					Water diverted 141 A. F. A-1220				
Water diverted	291512 A. F.					Per acre 2.17 A. F.				
Per acre	3.72 A. F.									

GERING CANAL. Diverted from North Platte River and Pathfinder Reservoir							
Date	Oct.	April	May	June	July	Aug.	Sept.
1	102	0	128	72	104	156	146
2	97	0	120	71	108	151	149
3	94	0	120	72	102	152	105
4	98	0	129	71	100	148	47
5	102	0	155	71	100	143	45
6	100	0	179	70	105	153	43
7	100	0	147	69	104	152	41
8	100	0	141	71	99	169	44
9	100	0	145	72	101	169	46
10	100	0	155	72	103	171	45
11	100	0	155	72	100	172	45
12	55	0	152	72	100	172	43
13	0	0	145	73	95	174	41
14	0	0	143	80	99	173	39
15	0	0	108	86	104	171	37
16	0	0	93	100	144	162	37
17	0	0	97	131	154	162	37
18	0	0	40	139	151	162	37
19	0	0	0	143	151	162	39
20	0	0	0	140	153	166	36
21	0	0	0	139	156	167	33
22	0	0	0	141	154	169	33
23	0	0	0	137	155	148	33
24	0	0	0	119	155	155	35
25	0	0	0	84	159	153	36
26	0	125	0	100	157	153	35
27	0	217	0	103	153	152	37
28	0	167	0	101	153	152	33
29	0	138	0	100	146	147	33
30	0	134	0	104	154	145	23
31	0	...	56	...	156	145	...
Mean	96	156	127	96	128	159	48
Max.	102	217	179	143	159	174	149
Min.	0	0	0	69	95	143	23
A. F.	2277	1549	4776	5703	7884	9771	2842
Water diverted	34902 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

GERING LATERAL						
Diverted from Melbeta Drain						
Date	May	June	July	Aug.	Sept.	
1	0	0	0	0	7	
2	0	0	0	1	0	
3	0	0	0	4	0	
4	0	0	0	3	0	
5	0	0	0	4	0	
6	0	0	0	6	0	
7	0	0	0	6	0	
8	0	0	0	6	0	
9	0	0	0	11	0	
10	0	0	0	30	0	
11	0	0	3	8	0	
12	0	4	0	5	0	
13	0	2	4	6	0	
14	0	1	5	3	0	
15	0	1	7	0	0	
16	0	2	4	4	0	
17	0	2	0	4	0	
18	0	1	0	4	0	
19	0	2	4	7	0	
20	0	0	6	3	0	
21	0	0	2	4	0	
22	0	0	0	2	0	
23	0	0	0	4	0	
24	0	0	0	4	0	
25	0	0	0	4	0	
26	0	0	1	4	0	
27	0	0	3	4	0	
28	0	0	0	3	0	
29	0	0	0	4	0	
30	0	0	0	4	0	
31	0	0	0	6	0	
Mean	0	2	4	5	7	
Max.	0	4	7	11	7	
Min.	0	0	0	0	0	
A. F.	0	30	77	294	14	

Water diverted 415 A. F.

GERING CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from:—								
North Platte River.....	2277	1549	4776	5703	7884	9771	2842	34802
Melbeta Drain	0	0	0	30	77	294	14	415
Total diverted	2277	1549	4776	5733	7961	10065	2856	35217
Waste to river.....	0	89	1043	710	1220	61	2178	5301
Net for irrigation.....	2277	1460	3733	5023	6741	10004	678	29916

Area reported 14230 acres.

Net diverted 29916 A. F. including storage.

Per acre 2.10 A. F.

Storage diversions 11293 A. F.

Acreage Reported
A-365 14230

DISCHARGE OF CANALS IN SECOND-FEET, 1932—Continued

GOTHENBURG DIVERSION CANAL
Diverted from Platte River

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	328	404	55	167	49	165	261	321	196	271	359	306
2	320	396	55	169	86	163	253	306	205	269	205	283
3	325	404	43	167	134	170	231	310	182	231	223	285
4	57	406	94	169	135	165	241	310	170	261	207	279
5	0	402	44	166	170	180	261	295	173	271	203	289
6	0	394	48	166	167	155	167	251	191	289	183	289
7	28	384	77	169	179	158	333	187	175	291	191	285
8	129	374	113	173	166	158	281	235	158	291	178	285
9	186	364	92	168	170	161	83	225	184	314	187	285
10	255	364	94	168	175	168	161	261	201	357	185	297
11	296	337	110	166	179	168	241	235	211	355	187	283
12	364	296	143	166	175	173	249	215	223	379	172	300
13	388	265	144	165	171	165	297	205	235	395	172	289
14	404	254	147	165	130	156	355	189	233	393	172	285
15	404	186	145	170	68	150	389	189	251	381	172	285
16	404	135	140	168	61	150	377	187	251	245	170	283
17	404	153	143	166	36	167	364	187	249	180	196	281
18	402	81	150	164	30	167	344	205	245	175	187	277
19	402	81	155	162	27	151	342	170	189	175	187	275
20	394	52	157	161	27	153	376	193	211	185	178	235
21	404	23	163	161	27	153	421	201	251	316	165	249
22	406	0	159	163	27	153	394	198	291	337	167	261
23	404	0	160	164	27	205	376	187	295	329	168	249
24	396	0	158	166	30	241	381	196	251	344	168	251
25	394	50	150	118	80	225	337	196	192	377	161	249
26	398	64	165	59	130	225	337	201	217	379	170	251
27	394	64	168	68	147	247	368	199	257	363	187	255
28	402	50	161	79	113	233	348	196	241	374	279	245
29	400	40	171	137	...	231	346	192	261	395	255	245
30	402	45	166	125	...	233	331	205	255	389	275	237
31	402	...	169	75	...	253	...	187	...	372	277	...
Mean	319	202	127	148	104	182	308	220	221	312	200	272
Max.	404	404	169	173	179	253	421	321	295	395	359	306
Min.	0	0	43	59	27	150	83	170	158	175	161	237
A. F.	19621	12056	7813	9104	5766	11191	18337	13555	13178	19206	12290	14221
Water diverted	538338 A. F.											

GOTHENBURG IRRIGATION CANAL

Diverted from Platte River and Sutherland Reservoir

Date	Oct.	Nov.	Mar.	April	May	June	July	Aug.	Sept.
1	141	264	0	110	150	36	127	221	136
2	151	261	0	108	139	46	144	11	116
3	153	269	0	99	143	24	100	11	121
4	0	261	0	125	138	12	129	11	111
5	0	247	0	136	123	14	134	11	124
6	0	238	0	59	84	32	160	11	125
7	0	209	0	287	10	15	146	11	121
8	0	201	0	222	62	0	134	11	126
9	50	189	0	0	76	29	155	11	122
10	89	189	0	23	56	37	208	11	135
11	141	168	0	102	56	53	203	0	145
12	211	129	0	95	74	59	238	0	147
13	228	130	0	151	31	71	254	0	148
14	257	94	0	206	15	66	197	0	145
15	265	39	0	250	19	87	208	0	143
16	264	0	0	237	21	84	86	0	138
17	264	0	0	216	17	83	11	0	118
18	262	0	0	154	32	89	5	0	148
19	262	0	0	195	4	50	5	0	91
20	254	0	0	229	21	99	7	0	171
21	264	0	0	274	30	107	171	0	175
22	266	0	0	251	27	137	202	0	92
23	266	0	25	225	21	132	190	0	78
24	259	0	76	212	35	87	208	0	79
25	261	0	60	174	34	11	208	0	77
26	268	0	61	164	33	11	256	0	79
27	266	0	81	191	16	102	225	0	89
28	277	0	69	163	38	84	231	0	78
29	274	0	65	178	32	104	246	94	68
30	275	0	69	169	46	106	248	112	66
31	275	...	89	...	33	...	238	108	...
Mean	192	96	19	166	52	62	163	20	117
Max.	277	269	89	274	150	137	254	221	175
Min.	0	0	0	0	4	0	5	0	66
A. F.	11786	5728	1200	9927	3205	3703	10064	1257	6966
Water diverted	53836 A. F.								

(See next page for summary in acre feet of Gothenburg Irrigation Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

GOTHENBURG IRRIGATION CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Mar.	April	May	June	July	Aug.	Sept.	Total
Gothenburg diversion for irrigation.....	11786	5728	1200	9927	3205	3703	10064	1257	6966	53836
Waste to Buffalo Cr. *	*	*	*	*	553	284	325	0	500	1662
Net for irrigation..	11786	5728	1200	9927	2652	3419	9739	1257	6466	52174
Area reported 17620 acres. Water diverted 52174 A. F. Per acre 2.96 A. F. No storage diversions. *No record.								Acreage D-645a D-645b	Reported 820 16800	
								Total	17620	

GRAF CANAL

Diverted from Blue Creek and Crescent Lake—A-1575

Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	5	12	5	6	0	17	21	20
2	12	14	5	5	0	13	19	10
3	12	14	5	5	0	15	13	0
4	18	11	5	5	0	10	1	0
5	19	10	5	6	0	8	1	0
6	20	11	7	6	2	10	1	0
7	23	11	7	7	5	7	1	0
8	20	8	7	8	6	7	1	1
9	20	7	7	8	6	9	1	1
10	20	7	7	9	12	10	1	0
11	19	7	11	11	15	14	0	0
12	20	4	11	12	16	18	0	0
13	19	0	11	12	11	21	0	0
14	22	0	11	12	8	23	0	0
15	22	0	11	12	8	25	0	0
16	21	0	11	12	10	23	0	0
17	21	0	11	21	10	13	0	0
18	21	0	10	17	10	6	8	0
19	17	0	10	18	12	4	18	0
20	10	0	10	3	8	4	13	0
21	12	0	9	0	5	16	0	2
22	12	0	13	0	7	20	0	1
23	13	0	11	0	5	20	0	0
24	14	0	7	0	3	19	0	0
25	15	0	5	3	8	18	0	0
26	15	0	0	7	5	21	0	0
27	20	0	0	9	6	20	8	10
28	21	0	4	9	10	17	22	16
29	14	0	5	13	11	17	20	0
30	6	0	5	5	12	17	18	0
31	11	..	..	3	..	15	19	..
Mean	17	10	8	9	8	15	10	8
Max.	23	14	13	21	16	25	22	20
Min.	5	0	0	0	0	4	0	0
A. F. 1020	230	448	484	419	906	369	121	
Area reported 2089 acres. Water diverted 4015 A. F. Per acre 1.92 A. F. No storage diversions.						Acreage D-763R D-781R D-788	Reported 85 15 1989	
						Total	2089	

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

HARPER CANAL									
Diverted from Clear Creek									
Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	*	*	*	*	2	0	0	0	0
2	*	*	*	*	2	0	0	0	0
3	*	*	6	*	0	0	0	0	0
4	*	*	*	*	2	0	0	0	0
5	*	*	*	*	2	0	0	0	0
6	*	*	*	*	2	0	0	0	0
7	*	*	*	*	2	0	0	0	0
8	*	*	*	*	2	0	0	0	0
9	*	*	*	*	2	0	0	0	0
10	*	*	3	*	2	0	0	0	0
11	*	*	*	*	2	0	0	0	0
12	*	*	*	*	3	0	0	0	2
13	*	*	*	*	2	0	0	0	0
14	*	2	*	*	0	0	0	0	2
15	*	*	*	*	0	0	0	0	2
16	*	*	*	*	0	0	0	0	2
17	*	*	*	*	0	0	0	0	2
18	*	*	*	*	0	0	0	0	2
19	*	*	*	*	0	0	0	0	2
20	*	*	*	*	0	0	0	0	2
21	*	*	*	*	0	0	0	0	2
22	*	*	*	*	2	0	0	0	2
23	*	*	*	*	1	0	0	0	2
24	2	*	*	*	0	0	0	0	2
25	*	*	3	2	0	0	0	0	2
26	*	*	*	*	0	0	0	0	2
27	*	*	*	*	0	0	0	0	2
28	*	*	*	*	0	0	0	0	2
29	*	*	*	*	0	0	0	0	2
30	*	..	*	*	0	0	0	0	2
31	*	..	*	..	0	..	0	0	..
Mean	?	?	?	?	2	0	0	0	2
Max.	?	?	?	?	3	0	0	0	2
Min.	?	?	?	?	0	0	0	0	0
A. F.	?	?	?	?	56	0	0	0	71

No acreage report filed.

Water diverted †127 A. F.

*No record.

†Incomplete record.

HOLLINGSWORTH CANAL							
Diverted from South Platte River							
Date	Oct.	May	June	July	Aug.	Sept.	
1	7	0	0	0	9	6	
2	7	0	0	0	9	6	
3	7	0	0	0	8	8	
4	7	0	0	0	3	3	
5	7	0	0	0	0	3	
6	8	0	0	0	0	3	
7	8	0	0	0	0	3	
8	8	0	0	0	0	4	
9	8	0	0	0	0	5	
10	8	0	0	0	0	3	
11	9	0	0	0	0	9	
12	9	0	0	0	4	6	
13	9	0	0	0	0	3	
14	9	0	0	0	0	5	
15	9	0	0	0	0	3	
16	9	0	0	0	0	3	
17	9	0	0	0	0	3	
18	9	0	0	0	4	3	
19	9	0	0	8	5	5	
20	9	0	0	8	5	3	
21	9	0	0	13	0	2	
22	9	0	0	9	0	2	
23	9	0	0	8	0	2	
24	9	0	0	8	0	3	
25	9	0	0	5	0	0	
26	0	0	0	3	0	1	
27	0	0	0	0	1	2	
28	0	0	0	0	3	2	
29	0	0	0	11	6	2	
30	0	0	0	10	6	2	
31	0	0	..	9	6	..	
Mean	9	0	0	8	5	4	Acreage Reported
Max.	9	0	0	13	9	8	D-723 374
Min.	0	0	0	0	0	0	Area reported 374 acres.
A. F.	*446	0	0	182	137	208	Water diverted 973 A. F.
							Per acre 2.60 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

HOOPER CANAL							
Diverted from Blue Creek and Crescent Lake—A-1575							
Date	Oct.	Nov.	May	June	July	AUG.	Sept.
1	7	4	5	2	12	11	11
2	7	0	5	5	18	11	7
3	7	0	5	3	13	3	6
4	6	0	6	11	0	0	0
5	3	0	8	11	0	0	10
6	0	0	10	14	0	0	15
7	0	0	11	14	0	0	3
8	0	0	11	12	0	0	4
9	0	0	9	7	0	0	2
10	0	0	9	3	0	0	1
11	2	0	9	1	0	0	0
12	3	0	9	3	11	0	0
13	4	0	10	7	14	0	0
14	5	0	10	1	7	0	0
15	6	0	11	2	14	0	0
16	7	0	13	2	15	0	0
17	7	0	6	5	11	0	0
18	7	0	0	5	0	3	4
19	7	0	0	9	0	18	4
20	7	0	0	2	11	17	4
21	8	0	0	1	9	8	4
22	8	0	2	1	8	0	4
23	8	0	5	2	8	0	6
24	8	0	2	5	8	0	6
25	8	0	1	3	11	0	6
26	8	0	6	0	0	0	6
27	8	0	7	0	5	1	6
28	8	0	7	1	9	12	6
29	8	0	1	13	7	10	3
30	8	0	0	13	7	11	6
31	8	0	0	0	11	11	0
Mean	6	0.1	7	6	10	9	6
Max.	8	4	13	14	18	18	15
Min.	0	0	0	0	0	0	0
A. F.	*343	*8	353	313	415	224	246

*Estimated.

Acres Reported
 D-781 858
 D-788R 19
 Total 877

Area reported 877 acres.
 Water diverted 1902 A. F.
 Per acre 2.17 A. F.
 No storage diversions.

HURLEY-LILLY-POLLY CANAL

Diverted from Lodgepole Creek						
Date	Oct.	Nov.	June	July	Aug.	Sept.
1	*	*	5	4	0	2
2	*	*	5	5	0	2
3	*	*	5	5	0	2
4	*	*	5	4	0	2
5	*	*	5	4	4	2
6	*	*	5	4	4	2
7	*	*	5	4	4	1
8	*	*	4	3	4	2
9	*	*	4	3	4	2
10	*	*	4	2	4	2
11	*	*	4	2	4	1
12	*	*	4	2	4	0
13	*	*	6	2	4	0
14	*	*	6	2	4	0
15	*	*	6	2	4	0
16	*	4	5	3	4	0
17	*	*	5	3	4	0
18	*	*	5	3	4	0
19	0	*	5	3	3	0
20	*	*	5	3	3	0
21	*	*	5	3	3	0
22	*	*	5	3	3	0
23	*	*	5	3	2	0
24	*	*	0	5	2	0
25	*	*	0	0	2	0
26	*	*	0	0	6	0
27	*	*	0	2	6	0
28	*	*	0	0	6	5
29	*	*	0	0	6	5
30	*	*	0	0	2	5
31	*	..	..	0	2	..
Mean	*	*	5	3	4	3
Max.	*	*	6	5	6	5
Min.	*	*	0	0	0	0
A. F.	*	*	224	157	194	69

Area reported 180 acres.
 Water diverted 644 A. F.
 Per acre 3.58 A. F.

*No record.

Acres Reported
 D-354 180

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

INMAN CANAL							
Diverted from Frenchman River							
Date	Oct.	April	May	June	July	Aug.	Sept.
1	*	0	*	0	0	0	0
2	*	*	*	0	0	0	0
3	*	*	*	0	0	0	0
4	*	*	*	0	0	0	0
5	*	*	*	0	0	0	0
6	*	*	*	0	0	0	0
7	*	*	*	0	0	0	0
8	*	*	*	0	0	0	0
9	*	*	*	0	0	0	0
10	3	*	*	0	0	0	0
11	*	*	*	0	0	0	0
12	*	*	*	0	0	0	0
13	*	*	*	0	0	0	0
14	*	*	*	0	0	0	0
15	*	*	5	0	0	0	0
16	*	*	*	0	0	0	0
17	4	*	*	0	0	0	0
18	*	*	*	0	0	0	0
19	*	9	*	0	0	0	0
20	*	*	7	0	0	0	0
21	*	8	*	0	0	0	0
22	*	*	*	0	0	0	0
23	2	*	*	0	0	0	0
24	*	*	*	0	0	0	0
25	2	*	*	0	0	0	0
26	*	*	*	0	0	0	0
27	*	*	9	0	0	0	0
28	*	*	*	0	0	0	0
29	*	*	*	0	0	0	0
30	*	*	0	0	0	0	0
31	2	..	0	..	0	0	..
*No record.							
							Acceage Reported
							D-79 85
							A-436 365
							Total 450

INTERSTATE CANAL							
Diverted from North Platte River, and Pathfinder and Guernsey Reservoirs							
Date	Oct.	April	May	June	July	Aug.	Sept.
1	800	0	1020	870	1464	1893	1782
2	710	0	1050	870	1563	1977	1740
3	415	0	1065	870	1626	2005	1569
4	0	0	1078	870	1638	2017	1228
5	0	0	1089	907	1698	2024	1169
6	0	0	1138	1005	1767	2024	1165
7	0	0	1147	1205	1713	2040	1165
8	0	0	1148	1333	1656	2062	1165
9	0	0	1206	1367	1629	2075	1189
10	0	0	1237	1437	1635	2075	1200
11	0	0	1305	1488	1713	2065	1230
12	0	0	1383	1527	1818	2005	1273
13	0	0	1398	1596	1893	2072	1223
14	0	0	1419	1210	1953	2056	1200
15	0	254	1413	1746	1950	2046	1178
16	0	353	1494	1740	1902	1996	1150
17	0	395	1530	1243	1902	1983	1102
18	0	558	1434	1737	1866	1980	1090
19	0	678	1365	1734	1824	1980	1090
20	0	742	1276	1755	1692	1977	1120
21	0	818	1140	1710	1569	1971	1240
22	0	848	1070	1665	1491	1977	1422
23	0	885	958	1578	1437	1974	1551
24	0	930	832	1527	1461	1980	1611
25	0	965	756	1452	1557	1983	1605
26	0	968	737	1359	1674	1950	1570
27	0	968	747	1323	1728	1908	1537
28	0	965	770	1326	1776	1833	1350
29	0	978	799	1326	1776	1794	1065
30	0	990	865	1353	1773	1797	1030
31	0	..	870	..	1788	1794	..
Mean	62	410	1121	1494	1707	1978	1301
Max.	800	990	1530	1755	1953	2075	1782
Min.	0	0	737	870	1437	1794	1030
A. F.	3820	24390	68900	83560	104990	121610	77410
Estimated 110660 acres irrigated including North Platte Colonization Company acreage.							
Water diverted 484680 A. F.							
Per acre 4.38 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	KEARNEY CANAL											Sept.
	Diverted from Platte River, Buffalo and Elm Creeks, and Sutherland Reservoir	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July		Aug.
1	12	352	94	223	197	252	257	342	329	366	320	248
2	10	354	45	209	164	262	259	355	341	373	117	300
3	7	355	112	234	199	277	235	352	335	382	86	374
4	6	356	230	238	216	272	252	207	373	366	147	358
5	6	348	50	231	233	242	346	299	351	377	174	375
6	6	330	27	238	247	109	312	365	375	376	135	383
7	5	319	27	230	214	270	121	349	355	311	138	384
8	4	327	35	216	179	274	141	355	369	323	219	390
9	0	329	82	236	227	281	210	316	366	393	160	397
10	7	340	53	213	217	282	293	333	332	390	111	404
11	13	340	100	252	237	274	339	358	361	361	131	386
12	141	341	100	188	267	278	312	252	376	412	129	376
13	334	340	90	210	235	276	299	260	394	391	108	345
14	351	327	121	223	194	280	351	335	361	206	97	391
15	337	354	150	230	44	320	272	337	384	91	77	390
16	377	341	183	226	47	319	307	300	368	72	79	372
17	351	260	203	230	83	310	319	323	393	159	89	363
18	326	69	220	216	83	315	335	332	387	119	164	377
19	356	119	236	212	119	308	323	347	363	82	150	370
20	327	90	227	175	139	311	358	346	291	99	140	396
21	314	183	224	220	174	299	372	338	241	172	172	384
22	319	244	234	217	166	280	332	316	185	238	256	386
23	340	252	202	232	208	278	337	365	181	169	274	389
24	351	238	216	94	214	368	315	329	170	125	192	384
25	337	230	195	36	243	254	262	351	354	141	210	389
26	331	244	208	66	274	247	286	337	393	227	189	393
27	351	241	192	61	239	242	346	332	356	369	313	384
28	334	184	202	145	253	232	355	355	356	372	397	387
29	322	40	198	149	...	247	352	351	377	362	377	389
30	322	70	209	151	...	273	358	328	383	329	339	383
31	352	...	203	290	...	276	...	341	...	349	302	...
Mean	297	264	151	194	190	260	299	329	340	272	183	375
Max.	377	356	236	252	274	320	372	363	394	412	397	404
Min.	0	40	27	36	44	109	121	207	170	72	77	248
A. F.	12758	15703	9241	11903	10536	16677	17764	20244	20232	16745	11290	22316
Water diverted	185409 A. F.											

KEARNEY CANAL
SUMMARY IN ACRE-FEET

Month	Elm Creek	Diverted from Buffalo Creek	Platte River	Received at Odessa for Power and Irrigation
October	131	184	12443	12758
November	36	121	15546	15703
December	0	119	9122	9241
January	0	28	11875	11903
February	46	103	10387	10536
March	26	85	16566	16677
April	210	379	17175	17764
May	1662	3505	15077	20244
June	904	2509	17019	20232
July	1289	2162	13294	16745
August	50	379	10861	11290
September	1037	1675	19541	22316
Total	5451	11052	168906	185409

Area reported 4509 acres.
Estimated diversion for irrigation 5750 A. F.
Per acre 1.25 A. F.
No storage diversion.

Acreage Reported
D-1023 4600

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

KEITH-LINCOLN COUNTY CANAL						
Diverted from North Platte River						
Date	Oct.	May	June	July	Aug.	Sept.
1	75	0	17	0	84	91
2	75	0	20	0	89	87
3	71	0	25	0	0	65
4	74	0	17	0	0	58
5	56	0	28	0	0	60
6	41	0	19	0	0	59
7	26	0	44	0	4	36
8	20	0	49	0	0	39
9	19	0	53	0	0	36
10	49	0	62	0	0	27
11	52	0	52	0	0	26
12	49	48	39	10	0	30
13	42	40	40	29	0	30
14	38	52	45	39	0	30
15	39	35	26	51	0	29
16	42	42	37	48	0	26
17	45	50	30	45	10	22
18	46	48	40	82	87	19
19	53	68	39	60	74	23
20	57	0	55	77	66	38
21	57	0	38	81	5	46
22	27	0	56	72	0	46
23	0	0	52	74	0	44
24	0	0	64	74	0	54
25	0	0	10	76	2	61
26	0	0	0	83	6	58
27	0	0	0	98	11	56
28	0	0	0	96	92	68
29	0	24	0	90	87	74
30	0	31	0	91	88	73
31	0	25	..	78	90	..
Mean	34	15	32	44	25	47
Max.	75	68	64	98	92	91
Min.	0	0	0	0	0	19
A. F. 2089	918	1900	2686	1537	2799	
Water diverted 11929 A. F.						

KEITH-LINCOLN COUNTY CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River..	2089	918	1900	2686	1537	2799	11929
Waste	512	260	424	220	32	690	2138
Net diversion	1577	658	1476	2466	1505	2109	9791

Area reported 6197 acres.
Net diversion 9791 A. F.
Per acre 1.58 A. F.

Acreage Reported
D-722 6197

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

KIMBALL CANAL, NORTH
Diverted from Lodgepole Creek
and Oliver Reservoir

Date	June	July	Aug.	Sept.
1	0	0	10	4
2	0	0	9	0
3	0	0	9	0
4	0	0	9	0
5	0	0	8	0
6	0	8	9	0
7	0	7	9	0
8	10	9	10	4
9	12	10	10	4
10	14	10	9	5
11	14	13	10	5
12	16	12	10	5
13	18	12	11	5
14	20	12	9	6
15	21	9	10	7
16	23	7	9	6
17	20	4	6	9
18	12	5	5	8
19	15	5	4	9
20	7	5	4	8
21	8	7	3	8
22	9	7	6	8
23	8	7	6	7
24	9	6	5	7
25	0	0	4	8
26	0	0	3	9
27	0	0	4	10
28	0	0	4	10
29	0	0	4	10
30	0	0	5	10
31	..	0	6	..
Mean	8	5	7	6
Max.	23	13	11	10
Min.	0	0	3	0
A. F.	468	307	436	343
Water diverted	1554 A. F.			

KIMBALL CANAL,
SOUTH
Diverted from Lodgepole
Creek and Oliver
Reservoir

June	July	Aug.	Sept.
0	0	12	6
0	0	14	0
0	0	23	0
0	0	30	0
0	26	31	0
0	28	30	0
0	31	29	0
6	37	27	0
6	35	27	0
27	34	23	0
27	43	24	0
29	42	23	0
32	45	22	0
31	43	20	0
29	34	23	0
29	28	23	3
22	15	25	4
23	13	27	5
17	10	29	10
4	23	29	15
4	21	20	17
7	20	24	27
8	29	25	29
12	27	31	32
0	0	25	34
0	0	20	37
0	0	20	36
0	0	24	37
0	0	21	36
0	0	21	36
..	0	15	..
10	19	24	12
32	45	31	37
0	0	12	0
621	1158	1462	722
Water diverted	3963 A. F.		

KIMBALL IRRIGATION DISTRICT CANALS
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
North Canal	0	468	307	436	343	1554
South Canal	0	621	1158	1462	722	3963
Total.....	0	1089	1465	1898	1065	5518

Area reported 4499 acres.
Water diverted 5518 A. F.
Per acre 1.22 A. F.

Acreage Reported
A-897 4499

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

KINNEY CANAL, SOUTH								KINNEY CANAL, NORTH				
Date	Diverted from Lodgepole Creek							Diverted from Lodgepole Creek				
	Oct.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	*	*	1	2	2	3	*	1	0	0	0	
2	*	*	1	3	1	3	*	1	0	0	0	
3	*	*	1	3	1	4	*	2	0	0	0	
4	*	*	1	2	2	3	*	1	0	0	0	
5	*	*	1	2	2	3	*	2	0	0	0	
6	*	*	1	2	2	3	*	1	0	0	0	
7	*	*	1	3	2	3	*	2	0	0	0	
8	*	*	2	2	2	3	*	1	0	0	0	
9	*	*	2	2	2	3	*	1	0	0	0	
10	*	*	2	2	2	3	*	1	0	0	0	
11	*	*	2	2	2	3	*	1	0	0	0	
12	*	*	2	2	2	3	*	1	0	0	0	
13	*	*	2	2	2	3	*	1	0	0	0	
14	*	*	2	2	2	3	*	1	0	0	0	
15	*	*	3	2	2	3	*	2	0	0	0	
16	*	*	2	2	2	3	*	2	0	0	0	
17	*	*	3	2	2	3	*	1	0	0	0	
18	2	*	3	3	3	3	*	2	0	0	0	
19	*	*	3	3	2	3	*	1	1	0	0	
20	*	*	3	3	2	3	*	1	1	0	0	
21	*	*	2	2	2	3	*	1	1	0	0	
22	*	*	3	3	3	0	*	1	1	0	0	
23	*	*	3	3	3	0	*	2	1	0	0	
24	*	*	3	2	2	0	*	2	1	0	0	
25	*	*	0	0	3	0	*	0	0	0	0	
26	*	1	0	0	2	0	2	0	0	0	0	
27	*	*	3	0	3	0	*	0	1	0	0	
28	*	*	3	0	3	0	*	0	1	0	0	
29	*	*	3	0	3	0	*	0	0	0	0	
30	*	*	2	0	3	0	*	0	0	0	0	
31	*	*	..	1	3	..	*	..	0	0	..	
Mean	*	*	..	2	2	3	*	1	1	0	0	
Max.	*	*	3	3	3	4	*	2	1	0	0	
Min.	*	*	0	0	1	0	*	0	0	0	0	
A. F.	*	*	117	101	137	127	*	63	16	0	0	
Water diverted	482 A. F.						79 A. F.					
*No record.							*No record.					

KINNEY CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Kinney Canal, South.....	*	*	117	101	137	127	482
Kinney Canal, North.....	0	*	63	16	0	0	79
Total	*	*	180	117	137	127	561

Area reported 479 acres.
Water diverted 561 A. F.
Per acre 1.17 A. F.
*Incomplete record.

Acres Reported
D-245 135
D-248 182
D-250 41
A-718 107
A-1828 14
Total 479

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

LAMORE CANAL							LAST CHANCE CANAL						
Date	Diverted from North Platte River		Diverted from Pumpkinseed Creek										
	May	June	July	Aug.	Sept.	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	0	0	0	0	0	0	8	0	0	8	4	13	
2	0	0	0	0	0	0	8	0	0	8	4	15	
3	0	0	0	0	0	0	9	0	3	10	4	17	
4	0	0	0	0	0	0	9	0	0	5	0	17	
5	0	0	0	0	0	0	10	0	0	0	0	13	
6	0	0	0	0	2	0	10	0	0	0	0	2	
7	0	0	0	0	2	0	11	0	0	0	0	13	
8	0	0	0	0	1	0	11	0	0	0	0	0	
9	0	0	0	0	1	8	12	0	0	8	0	0	
10	0	0	0	0	0	8	12	0	0	8	0	0	
11	0	0	0	0	0	8	12	0	8	9	0	0	
12	0	0	0	0	0	8	12	0	0	9	0	0	
13	0	0	0	0	1	8	13	0	0	11	0	0	
14	0	0	0	0	1	8	13	0	0	15	0	0	
15	0	0	0	0	1	8	13	6	0	9	0	0	
16	0	0	0	0	1	8	13	6	7	13	0	0	
17	0	0	0	0	1	8	13	14	7	0	0	0	
18	0	0	0	0	1	8	13	0	7	0	12	0	
19	0	0	0	0	1	8	13	7	7	5	9	0	
20	0	0	0	0	1	8	12	4	10	5	10	0	
21	0	0	0	0	1	8	12	0	8	5	10	0	
22	0	0	0	0	1	8	12	0	9	5	0	0	
23	0	0	0	0	0	8	11	0	0	5	0	0	
24	0	0	0	0	0	8	11	0	0	5	0	0	
25	0	0	0	0	0	8	11	0	0	5	0	0	
26	0	0	0	0	0	8	10	0	0	5	0	0	
27	0	0	0	0	0	8	10	0	6	4	0	0	
28	0	0	0	0	0	8	6	0	9	6	0	0	
29	0	0	0	0	0	8	8	0	8	7	0	3	
30	0	0	0	0	0	8	8	0	8	9	0	0	
31	0	0	0	0	0	8	0	0	0	4	0	0	
Mean	0	0	0	0	1	6	11	1	3	6	2	3	
Max.	0	0	0	0	2	8	13	14	10	15	10	17	
Min.	0	0	0	0	0	0	6	0	0	0	0	0	
A. F.	0	0	0	0	22	365	647	73	192	363	165	184	
Acreage Reported A-327	1400					Acreage Reported D-883					442		
Area reported	1400 acres.					Area reported					442 acres.		
Water diverted	32 A. F.					Water diverted					1929 A. F.		
Per acre	0.02 A. F.					Per acre					4.36 A. F.		

LISCO CANAL								
Date	Diverted from Cold Water		Creek					
	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	3	0	3	4	0	2	0	3
2	3	0	3	4	0	2	4	3
3	3	0	3	4	0	4	3	0
4	3	0	3	3	0	0	0	0
5	3	0	3	3	0	0	0	0
6	1	0	3	3	0	0	0	0
7	0	0	3	3	0	0	0	0
8	0	0	3	3	0	0	0	0
9	0	0	3	3	0	0	0	0
10	1	1	0	3	0	0	0	1
11	0	2	0	4	0	0	0	0
12	0	2	0	4	0	0	0	0
13	0	2	0	0	0	0	0	0
14	0	2	0	3	0	0	0	2
15	0	2	0	3	0	4	0	2
16	0	2	0	3	0	4	0	2
17	0	2	0	3	0	0	0	2
18	0	2	0	0	0	0	1	3
19	0	2	0	0	1	0	2	3
20	0	2	0	2	1	0	2	3
21	0	2	0	2	0	0	1	3
22	0	2	0	0	0	0	0	3
23	0	2	0	0	0	0	0	3
24	0	2	0	0	0	0	0	3
25	0	3	0	0	0	0	0	4
26	0	3	0	0	0	0	0	4
27	0	3	0	0	0	0	0	4
28	0	3	0	0	0	0	0	4
29	0	3	0	1	0	0	3	4
30	0	3	0	1	2	0	3	4
31	0	0	0	1	0	0	3	0
Mean	0.5	1.5	1	2	0	1	1	2
Max.	3	3	3	4	2	4	4	4
Min.	0	0	0	0	0	0	0	0
A. F.	24	93	54	119	8	32	44	119
Water diverted	503 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1928—Continued

LISCO CANAL								
Diverted from North Platte River								
Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	15	4	0	0	0	7	18	
2	17	5	0	0	0	8	17	
3	14	6	0	0	0	12	0	
4	12	6	0	0	0	0	0	
5	10	6	0	0	0	0	4	
6	3	6	0	0	0	0	3	
7	0	6	0	0	0	0	2	
8	0	5	0	0	0	0	4	
9	1	3	0	0	0	0	4	
10	6	4	0	0	0	0	6	
11	7	9	0	0	0	0	4	
12	6	4	0	0	0	0	0	
13	7	3	0	0	0	0	0	
14	7	5	0	0	0	0	0	
15	9	8	0	0	0	0	0	
16	7	8	0	0	0	0	0	
17	5	5	0	0	0	0	0	
18	1	0	0	0	0	12	0	
19	0	0	0	0	0	18	0	
20	0	0	0	0	0	14	5	
21	0	0	0	0	0	0	11	
22	0	0	0	0	0	0	16	
23	0	0	0	0	0	0	15	
24	0	0	0	0	0	0	18	
25	0	0	0	0	0	0	18	
26	0	0	0	0	0	0	17	
27	2	0	0	0	0	0	17	
28	6	0	0	0	0	0	14	
29	7	0	0	0	3	4	12	
30	6	0	0	0	8	12	10	
31	6	..	0	..	8	15	..	
Mean	5	3	0	0	6	3	7	
Max.	17	9	0	0	8	18	18	
Min.	0	0	0	0	0	0	0	
A. F.	305	184	0	0	38	202	432	
Water diverted 1161 A. F.								

LISCO CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.	Total
Diverted from:—									
North Platte River.....	305	184	0	0	0	38	202	432	1161
Cold Water Creek.....	34	93	54	119	8	32	44	119	503
Total	339	277	54	119	8	70	246	551	1664
Area reported 2939 acres.							Acreage Reported		
Water diverted 1664 A. F.							D-787 397		
Per acre 0.57 A. F.							D-796 300		
							D-856 1391		
							A-243 635		
							A-991 216		
							Total 2939		

DISCHARGE OF CANALS IN SECOND-FEET, 1935—Continued

LONERGAN CANAL								LYONS CANAL						
Date	Diverted from Lonerган Creek						Sept.	Diverted from North Platte River						
	Oct.	May	June	July	Aug.	Sept.		Oct.	May	June	July	Aug.	Sept.	
1	4	0	1	4	0	3	17	0	0	0	0	0	13	
2	4	0	1	4	0	2	18	0	0	0	0	0	14	
3	4	2	1	2	0	2	19	0	0	0	0	0	10	
4	4	3	1	2	0	2	20	0	0	0	0	0	12	
5	4	2	1	2	0	2	20	0	0	0	0	0	13	
6	4	2	1	2	0	2	25	0	0	0	0	0	14	
7	4	2	1	0	0	2	25	0	0	0	0	0	15	
8	4	2	1	0	2	2	25	0	0	0	0	0	14	
9	4	2	1	0	0	2	25	0	0	0	0	0	12	
10	4	2	1	0	0	2	25	0	0	0	0	0	11	
11	4	2	1	0	0	1	25	0	0	0	0	0	14	
12	4	3	1	0	0	2	20	0	0	0	0	0	10	
13	4	3	1	0	0	2	20	0	0	0	0	0	8	
14	4	2	1	0	0	2	20	0	0	0	0	0	5	
15	4	2	1	2	0	2	20	0	0	0	0	0	4	
16	0	2	1	2	0	0	0	0	0	0	0	0	2	
17	0	2	1	0	0	0	0	0	0	0	0	0	2	
18	0	2	1	0	4	1	0	0	0	0	0	0	2	
19	0	2	1	0	4	1	0	0	0	0	0	0	2	
20	0	1	1	0	4	1	0	0	0	0	0	0	1	
21	0	1	1	0	4	2	0	0	0	0	0	0	0	
22	0	1	1	0	4	2	0	0	0	0	0	0	0	
23	0	1	1	0	4	2	0	0	0	0	0	0	0	
24	0	1	1	0	4	1	0	0	0	0	0	0	0	
25	0	1	1	0	4	2	0	0	0	0	0	0	0	
26	0	1	1	0	3	2	0	0	0	0	0	0	0	
27	0	1	1	0	3	2	0	0	0	0	0	0	0	
28	0	1	4	0	3	2	0	0	0	0	0	0	0	
29	0	1	4	0	3	2	0	0	0	0	0	0	0	
30	0	1	4	0	3	2	0	0	0	0	0	0	0	
31	0	1	..	0	3	..	0	0	..	..	0	6	..
Mean	4	2	1	2	4	2	22	0	0	0	0	6	9	
Max.	4	3	4	4	4	3	25	0	0	0	0	6	14	
Min.	0	0	1	0	0	1	0	0	0	0	0	0	0	
A. F.	119	97	65	40	99	111	843	0	0	0	0	12	357	
Area reported	545 acres.						Acreage Reported							
Water diverted	531 A. F.						D-803 2264							
Per acre	0.97 A. F.						Area reported 2264 acres.							
							Water diverted 1012 A. F.							
							Per acre 0.45 A. F.							

McCARTHY CANAL						
Date	Diverted from White Tail Creek					
	Oct.	May	June	July	Aug.	Sept.
1	*	0	1	1	0	1
2	*	0	1	1	0	1
3	*	0	1	1	0	1
4	*	0	1	1	0	0
5	*	0	1	1	0	0
6	*	0	1	1	0	0
7	*	0	1	1	0	0
8	*	0	1	1	0	0
9	*	1	1	0	0	0
10	*	1	1	0	0	0
11	*	1	1	0	0	0
12	*	1	0	0	0	0
13	*	1	0	0	0	0
14	*	1	1	0	0	0
15	*	1	1	0	0	0
16	*	1	1	0	0	0
17	*	1	1	0	0	0
18	*	1	1	0	0	0
19	*	1	1	0	0	0
20	*	1	1	0	0	0
21	*	2	1	0	0	0
22	*	2	1	0	0	0
23	*	1	1	0	0	0
24	*	1	1	0	0	0
25	*	1	1	0	0	0
26	*	1	1	0	0	0
27	*	1	0	0	0	0
28	*	1	1	0	0	1
29	*	1	1	0	0	1
30	*	1	1	0	1	1
31	*	1	..	0	1	..
Mean	*	1	1	1	1	1
Max.	*	2	1	1	1	1
Min.	*	0	0	0	0	0
A. F.	*	50	54	16	4	12

No acreage report filed.
Water diverted 136 A. F.
*No record.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

McINTOSH CANAL								
Date	Diverted from Lodgepole Creek				Aug.	Sept.		
	Oct.	Nov.	May	June	July			
1	*	*	*	1	1	0	2	
2	*	*	*	1	1	1	2	
3	*	*	*	1	1	1	2	
4	*	*	*	1	1	0	0	
5	*	*	*	1	1	0	0	
6	*	*	*	1	1	0	0	
7	*	*	*	1	1	0	0	
8	*	*	*	1	1	0	0	
9	*	*	*	1	1	2	4	
10	*	*	*	1	1	2	4	
11	*	*	*	1	1	2	2	
12	*	*	*	1	1	2	0	
13	*	*	*	1	1	2	0	
14	*	*	*	1	1	2	5	
15	*	*	*	1	1	2	5	
16	*	3	*	1	1	3	5	
17	*	*	*	1	1	2	5	
18	*	*	*	1	1	2	4	
19	2	*	*	1	1	2	5	
20	*	*	*	1	1	2	5	
21	*	*	*	0	1	2	4	
22	*	*	*	1	1	2	5	
23	*	*	*	1	0	2	5	
24	*	*	*	1	0	2	4	
25	*	*	*	1	0	2	4	
26	*	*	0	1	0	2	4	
27	*	*	*	1	0	2	5	
28	*	*	*	1	0	3	5	
29	*	*	*	1	0	3	5	
30	*	*	*	1	0	2	4	
31	*	..	*	..	0	2	..	
Mean	*	*	*	1	1	2	4	
Max.	*	*	*	1	1	3	5	
Min.	*	*	*	0	0	0	0	
A. F.	*	*	*	60	44	101	188	

Acreage Reported

D-351 176

A-734 No report

filed

Area reported 176 acres.

Water diverted 393 A. F.

Per acre 2.23 A. F.

MARANVILLE CANAL											
Date	Diverted from Frenchman River							June	July	Aug.	Sept.
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May			
1	*	*	*	*	*	*	0	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	2	*
4	*	*	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*	0	7	4
6	*	*	*	*	*	*	*	*	*	*	*
7	*	*	*	*	*	*	*	*	*	3	*
8	*	*	*	*	*	*	*	*	*	*	2
9	*	*	*	*	*	*	*	*	*	*	*
10	3	*	*	*	*	*	*	*	*	3	*
11	*	*	*	3	*	*	*	*	*	*	4
12	*	*	*	*	*	*	*	*	*	3	*
13	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	5	6	3	*
16	*	*	*	*	*	*	*	*	*	*	*
17	4	*	*	*	*	*	*	*	0	*	*
18	*	*	*	*	*	*	*	*	*	*	2
19	*	2	*	*	*	*	0	*	*	0	*
20	*	*	*	*	*	*	*	5	*	*	0
21	*	*	*	*	*	*	0	*	*	*	*
22	*	*	*	*	*	4	*	*	6	*	5
23	4	*	*	*	*	*	*	*	*	0	2
24	*	*	*	*	*	*	*	*	*	*	*
25	4	*	*	*	*	*	*	*	*	*	*
26	*	*	*	*	*	*	*	*	*	0	2
27	*	*	*	*	*	*	*	5	*	*	*
28	*	*	*	*	*	*	*	*	*	*	4
29	*	*	*	*	*	*	*	*	7	0	*
30	*	*	*	*	*	*	*	*	*	*	4
31	4	..	*	*	*	*	..	*	*	4	..
Mean	*	*	*	*	*	*	*	*	*	*	*
Max.	*	*	*	*	*	*	*	*	*	*	*
Min.	*	*	*	*	*	*	*	*	*	*	*
A. F.	*	*	*	*	*	*	*	*	*	*	*

Area reported 390 acres.

Water diverted—Incomplete record.

Per acre—Incomplete record.

*No record.

Acreage Reported

D-70-71 390

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

MEEKER CANAL							
Date	Diverted from Republican River				July	Aug.	Sept.
	Oct.	Nov.	April	May				June
1	29	33	0	12	0	22	27
2	30	24	0	10	9	24	18
3	30	21	0	12	17	0	27
4	30	33	0	0	6	0	30
5	30	33	0	0	17	20	36
6	30	34	0	0	14	32	32
7	27	34	0	0	13	32	38
8	24	34	0	0	12	32	32
9	24	33	0	8	10	36	22
10	30	33	0	8	9	36	32
11	31	33	0	12	10	36	42
12	31	34	0	8	14	35	27
13	31	39	0	19	12	36	32
14	31	30	0	17	12	36	27
15	30	30	0	16	19	35	32
16	20	15	0	17	19	24	43
17	25	10	0	19	22	36	43
18	33	0	0	19	12	32	32
19	28	0	14	19	6	24	32
20	20	0	13	19	5	24	30
21	27	0	13	17	4	24	20
22	27	0	13	12	15	20	10
23	27	0	14	8	10	20	32
24	25	0	14	8	20	21	25
25	24	0	14	8	27	26	27
26	30	0	0	8	27	34	27
27	29	0	10	5	32	37	10
28	26	0	12	19	24	31	24
29	29	0	8	24	23	35	10
30	27	0	8	0	24	23	18
31	30	0	0	0	0	35	22
Mean	28	17	4	10	16	27	28
Max.	31	39	14	24	29	37	42
Min.	25	0	0	0	0	0	10
A. F. 1723	998	264	643	881	1682	1715	490
Area reported 2890 acres.							Acreage Reported
Water diverted 8397 A. F.							D-4-9-8-7 2890
Per acre 2.91 A. F.							

MEREDITH-AMMER CANAL							
Date	Diverted from Pumpkinseed Creek				July	Aug.	Sept.
	Oct.	April	May	June			
1	1	0	0	2	0	2	10
2	1	0	0	1	0	3	12
3	1	0	6	1	0	6	9
4	1	0	7	1	0	0	2
5	1	0	5	1	0	0	2
6	1	0	3	1	0	0	1
7	2	0	3	2	0	0	1
8	2	0	2	2	0	0	6
9	2	0	1	1	0	0	0
10	2	0	1	1	0	0	0
11	2	0	1	7	4	0	0
12	2	0	2	2	9	0	0
13	2	0	2	2	9	0	5
14	2	0	7	4	9	0	0
15	2	0	2	4	9	0	0
16	2	0	2	4	6	0	0
17	2	0	2	4	4	0	0
18	2	0	0	4	4	10	0
19	2	0	0	4	3	9	0
20	2	0	0	5	3	10	0
21	0	0	0	4	2	0	0
22	0	0	0	2	2	0	0
23	0	0	0	3	2	0	0
24	0	0	0	3	2	0	0
25	0	0	0	3	2	0	0
26	0	4	0	2	2	0	0
27	0	5	0	2	3	0	0
28	0	6	0	1	3	0	3
29	0	6	0	0	2	10	1
30	0	3	1	0	2	10	1
31	0	1	1	0	2	10	0
Mean	1	5	3	2	4	8	4
Max.	2	6	6	5	9	10	12
Min.	0	0	0	0	0	0	0
A. F. 67	48	85	135	167	139	83	
Area reported 982 acres.							Acreage Reported
Water diverted 724 A. F.							D-876 982
Per acre 0.74 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 1
Diverted from Middle Loup River

Date	Mar.	April	May	June	July	Aug.	Sept.
1	0	6	0	0	0	16	13
2	0	6	0	0	0	16	14
3	0	6	0	0	0	18	16
4	0	6	0	0	0	18	15
5	0	6	0	0	0	18	17
6	0	6	0	0	0	18	14
7	0	6	0	0	0	19	12
8	0	6	0	0	0	19	12
9	0	6	0	0	0	20	13
10	0	6	0	0	0	23	14
11	0	6	0	0	0	23	14
12	0	6	0	0	0	21	12
13	0	6	0	0	0	20	12
14	0	6	0	0	0	22	10
15	0	6	0	0	0	24	10
16	0	6	0	0	0	24	10
17	0	6	0	0	0	22	10
18	0	6	0	0	15	21	10
19	0	6	0	0	10	20	10
20	0	6	0	0	11	18	10
21	0	6	0	0	14	18	10
22	0	6	0	0	14	18	12
23	0	6	0	0	15	19	14
24	0	6	0	0	16	20	14
25	0	6	0	0	17	20	16
26	0	6	0	0	20	18	16
27	0	6	0	0	20	19	16
28	0	6	0	0	16	18	16
29	0	3	0	0	17	16	16
30	6	0	0	0	13	16	16
31	6	0	0	0	12	16	16
Mean	6	6	0	0	15	19	13
Max.	6	6	0	0	20	24	17
Min.	0	0	0	0	0	16	10
A. F.	24	339	0	0	417	1186	781

A-2293—No acreage report filed.
Water diverted 2747 A. F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 2
Diverted from Middle Loup River

May	June	July	Aug.	Sept.
0	0	0	0	14
0	0	0	0	17
0	0	0	0	18
0	0	0	0	14
0	0	0	0	14
0	0	0	0	13
0	0	0	0	10
0	0	0	0	8
0	0	0	0	11
0	0	0	1	15
0	0	0	3	16
0	0	0	2	13
0	0	0	2	9
0	0	0	0	4
0	0	0	0	0
0	0	0	0	0
0	0	0	2	0
0	0	0	4	0
0	0	0	6	0
0	0	0	4	0
0	0	0	3	0
0	0	0	8	0
0	0	0	8	0
0	0	0	10	0
0	0	0	12	0
0	0	0	11	0
0	0	0	10	0
0	0	0	13	0
0	0	0	16	0
0	0	0	7	13
0	0	0	16	18
0	0	0	0	0
0	0	0	258	349

A-2293—No acreage report filed.
Water diverted 607 A. F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 3
Diverted from Middle Loup River

Date	April	May	June	July	Aug.	Sept.
1	0	8	0	0	2	20
2	0	8	0	0	13	30
3	0	8	0	0	16	30
4	0	8	0	0	20	29
5	0	8	0	0	20	28
6	0	8	0	0	18	24
7	0	8	0	0	17	18
8	0	8	0	0	17	19
9	0	8	0	0	13	20
10	8	8	0	0	34	25
11	8	8	0	0	33	25
12	8	0	0	0	27	25
13	8	0	0	0	37	24
14	8	0	0	0	60	22
15	8	0	0	0	61	22
16	8	0	0	0	69	22
17	8	0	0	0	50	22
18	8	0	0	0	44	24
19	8	0	0	0	41	25
20	8	0	0	0	41	25
21	8	0	0	0	41	25
22	8	0	0	0	44	26
23	8	0	0	0	46	35
24	8	0	0	0	46	36
25	8	0	0	0	45	37
26	8	0	0	0	46	37
27	8	0	0	0	48	37
28	8	0	0	0	39	38
29	8	0	0	0	37	41
30	8	0	0	0	35	41
31	0	0	0	0	35	41
Mean	8	8	0	0	33	28
Max.	8	8	0	0	50	41
Min.	0	0	0	0	2	18
A. F.	333	175	0	0	2053	1670

A-2293—No acreage report filed.
Water diverted 4231 A. F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 4
Diverted from Middle Loup River

May	June	July	Aug.	Sept.
*	*	0	9	36
*	*	0	9	40
*	*	0	15	42
*	*	0	15	40
*	*	0	17	39
*	*	0	18	34
*	*	0	20	31
*	*	0	21	29
*	*	0	21	26
*	*	0	34	33
*	*	0	44	49
*	*	0	47	45
*	*	0	41	26
*	*	0	37	26
*	*	0	26	26
*	*	0	37	21
*	*	0	37	16
*	*	0	37	23
*	0	0	37	23
*	*	0	34	22
*	*	0	31	32
*	*	0	31	32
*	*	0	32	33
*	*	0	33	36
*	*	0	34	37
*	*	0	35	37
*	*	0	37	34
*	*	0	26	34
*	*	3	34	33
*	0	7	35	32
*	0	9	38	38
*	*	6	30	33
*	*	9	47	43
*	*	0	9	16
*	*	38	1868	1918

A-2293—No acreage report filed.
Water diverted 3824 A. F.
*No record.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	MIDLAND-OVERLAND CANAL Diverted from North Platte River						MINATARE CANAL Diverted from North Platte River					
	Oct.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	14	3	2	8	8	5	2	48	30	70	18	
2	15	2	2	5	5	4	2	42	30	87	43	
3	16	1	5	3	6	6	2	42	21	78	35	
4	18	1	4	7	0	6	2	45	19	90	30	
5	18	1	3	0	0	6	2	70	31	108	32	
6	18	0	1	5	0	5	2	85	34	96	37	
7	19	1	1	0	0	5	2	76	0	92	42	
8	19	2	1	0	0	5	2	87	49	92	42	
9	19	2	0	0	0	5	2	97	67	93	35	
10	19	2	0	0	0	4	23	95	76	94	35	
11	18	2	0	0	0	8	2	82	81	101	31	
12	18	1	0	2	0	7	37	81	80	105	33	
13	18	1	0	1	0	5	52	92	87	115	35	
14	18	0	1	0	0	5	65	85	108	3	33	
15	18	0	0	0	0	5	67	90	112	3	33	
16	1	0	0	0	0	4	75	100	100	3	34	
17	1	0	0	0	0	4	59	81	62	3	33	
18	1	0	0	0	0	4	53	75	53	82	28	
19	1	4	0	0	0	4	52	72	50	101	28	
20	1	0	0	0	0	4	58	57	40	103	27	
21	0	0	0	0	0	4	49	65	40	102	27	
22	0	0	0	0	0	4	45	74	38	99	26	
23	0	0	0	0	0	4	48	78	40	97	25	
24	0	0	0	13	0	4	44	74	44	96	26	
25	0	0	0	9	0	3	40	28	46	95	26	
26	0	0	0	16	0	4	38	23	50	97	35	
27	0	0	14	16	0	3	35	27	51	91	38	
28	0	4	9	21	17	3	35	38	50	84	43	
29	0	3	9	15	10	3	36	50	49	84	43	
30	0	2	14	12	10	3	41	41	50	87	45	
31	0	2	..	12	6	..	50	..	50	89	..	
Mean	9	1	2	3	2	4	33	67	55	94	33	
Max.	19	4	14	21	17	8	75	100	112	115	45	
Min.	0	0	0	0	0	3	2	23	0	3	18	
A. F.	*535	71	131	288	123	270	2027	3967	3249	5038	1980	
Area reported 1848 acres.							Acreage Reported					
Water diverted 1418 A. F.							A-1742 (O.					
Per acre 0.77 A. F.							D. D-800)					
*Estimated.							D-791	845				
†No report filed.							D-789	1063				
							Total	1848				

MINATARE CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	2027	3967	3249	5038	1980	16261
Wasted to North Platte River.....	*	194	605	538	1238	2575
Net diverted	2027	3773	2644	4500	742	13686

Area reported 6944 acres.
 Net diverted 13686 A. F.
 Per acre 1.97 A. F.
 *No record.

Acreage Reported
 D-919 6944

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

MITCHELL CANAL

Diverted from North Platte River

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	139	78	2	55	182	148	185
2	27	78	2	55	184	151	182
3	4	79	2	53	184	168	177
4	4	79	2	50	191	191	185
5	4	79	2	50	198	196	191
6	4	83	2	50	197	190	191
7	4	82	2	50	199	187	188
8	4	78	2	98	191	188	180
9	4	69	3	100	190	188	157
10	4	68	43	118	188	187	147
11	4	66	52	123	185	187	146
12	4	68	52	130	180	42	138
13	4	71	66	143	179	2	99
14	4	74	83	163	177	2	84
15	4	73	87	176	187	2	66
16	4	51	118	164	198	2	55
17	24	0	150	178	198	2	53
18	56	0	145	182	176	2	56
19	56	0	105	185	177	2	58
20	56	0	2	185	174	2	61
21	56	0	2	183	154	2	74
22	56	0	2	189	156	107	73
23	55	0	2	188	164	178	74
24	58	0	2	178	160	163	71
25	59	0	2	157	161	175	73
26	60	0	2	131	164	175	74
27	61	0	2	110	160	176	70
28	63	0	2	108	160	189	67
29	65	0	2	129	156	195	66
30	70	0	43	173	154	190	72
31	79	..	49	..	153	184	..
Mean	33	39	33	128	177	123	110
Max.	139	83	150	189	199	194	191
Min.	4	0	2	50	153	2	53
A. F.	2047	2333	2047	7644	10864	7436	6571

Area reported 13841 acres.

Water diverted 39002 A. F. including storage diversions.

Per acre 2.82 A. F.

Total storage diversions 2670 A. F.

MUTUAL CANAL

Diverted from Pumpkinseed Creek

Date	Oct.	Nov.	Mar.	April	May	June	July	Aug.	Sept.
1	3	5	0	0	0	6	8	7	0
2	3	5	0	0	0	0	8	6	0
3	3	5	0	2	0	0	6	6	0
4	3	5	0	4	0	0	5	5	0
5	3	5	0	4	0	0	5	6	0
6	3	6	0	4	0	2	7	6	0
7	3	6	2	4	0	1	8	6	0
8	3	6	2	4	0	2	8	4	0
9	4	6	6	4	1	2	8	4	0
10	4	6	6	4	1	4	8	6	0
11	4	6	6	4	0	1	8	0	0
12	4	6	6	4	1	0	5	0	0
13	4	6	6	4	1	0	5	0	0
14	4	6	6	4	1	0	5	0	0
15	4	6	6	4	8	0	5	0	0
16	4	6	6	3	5	0	1	0	0
17	4	2	7	3	5	0	0	0	0
18	4	0	6	3	7	0	0	0	0
19	4	0	5	2	7	0	0	0	0
20	4	0	3	2	8	0	0	3	0
21	5	0	2	2	0	0	0	0	0
22	5	0	2	2	0	0	0	0	0
23	5	0	2	2	0	0	0	0	0
24	5	0	2	2	0	0	0	0	2
25	5	0	2	2	0	0	0	0	2
26	5	0	3	0	0	0	0	0	2
27	5	0	3	0	0	0	0	0	2
28	5	0	3	0	0	0	8	0	1
29	5	0	3	0	0	0	6	0	1
30	5	0	3	0	0	0	6	0	0
31	5	..	2	..	0	..	6	0	..
Mean	4	3	4	3	4	3	6	5	2
Max.	5	6	7	4	8	6	8	7	2
Min.	3	0	0	0	0	0	0	0	0
A. F.	252	184	198	145	89	36	250	117	20

Area reported 455 acres.

Water diverted 1291 A. F.

Per acre 2.84 A. F.

Acreage Reported

D-843

455

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

NINE MILE CANAL

Diverted from North Platte River

Date	Oct.	April	May	June	July	Aug.	Sept.
1	35	0	23	43	66	23	97
2	35	0	16	49	59	42	59
3	35	0	39	44	63	32	32
4	35	0	36	48	57	4	32
5	35	0	48	50	54	0	15
6	25	0	46	35	53	0	10
7	25	0	39	40	30	0	9
8	5	0	34	45	36	0	10
9	2	0	28	46	54	0	24
10	2	0	26	53	45	0	27
11	1	0	14	58	43	0	20
12	1	0	5	63	52	0	15
13	1	0	1	63	68	0	16
14	1	0	16	59	68	0	17
15	1	0	10	62	78	0	14
16	0	0	15	65	67	0	15
17	0	0	12	68	43	0	15
18	0	0	12	70	37	0	15
19	0	0	12	68	42	0	17
20	0	0	7	69	31	0	19
21	0	0	7	70	25	0	15
22	0	0	6	72	40	60	16
23	0	0	2	58	42	0	31
24	0	0	6	67	41	0	39
25	0	0	4	61	42	0	42
26	0	0	5	36	45	0	38
27	0	0	33	63	42	0	41
28	0	10	29	56	40	0	67
29	0	20	28	50	40	51	80
30	0	20	32	60	37	97	63
31	0	..	33	..	33	84	..
Mean	16	17	20	56	48	50	30
Max.	35	20	48	72	78	97	97
Min.	0	0	1	35	25	0	6
A. F.	474	99	1238	3354	2922	797	1805
Area reported	5878 acres.				Acreage Reported		
Water diverted	10689 A. F.				D-925 5878		
Per acre	1.82 A. F.						

NISSEN CANAL

Diverted from Sand Creek

Date	May	June	July	Aug.	Sept.
1	0	0	1	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	2	0	0	0
17	0	2	0	0	0
18	0	2	0	0	0
19	0	2	0	0	0
20	0	2	0	0	0
21	0	0	0	0	0
22	0	2	0	0	0
23	0	2	0	0	0
24	0	2	0	0	0
25	0	2	0	0	0
26	0	2	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	1	0	0	0
31	0	..	0	0	..
Mean	0	2	1	0	0
Max.	0	2	1	0	0
Min.	0	0	0	0	0
A. F.	0	42	2	0	0
Area reported	270 acres.				Acreage Reported
Water diverted	44 A. F.				Reported
Per acre	0.16 A. F.				A-606 270

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

NORTH PLATTE CANAL						
Date	Diverted from North Platte River					
	Oct.	May	June	July	Aug.	Sept.
1	66	0	53	159	195	136
2	65	0	51	160	192	114
3	65	0	59	120	201	87
4	64	0	54	104	199	80
5	60	0	54	93	188	70
6	60	0	66	97	198	61
7	60	0	88	93	188	60
8	64	0	90	87	184	59
9	50	0	102	95	194	58
10	49	0	124	81	192	54
11	47	0	108	116	195	50
12	53	100	104	143	186	49
13	53	72	98	189	192	51
14	54	57	122	195	0	48
15	52	57	115	213	0	47
16	48	62	116	195	0	45
17	50	78	141	197	133	52
18	46	78	136	209	115	54
19	31	82	146	201	112	50
20	31	68	178	211	120	45
21	31	48	134	221	175	45
22	31	47	166	217	198	43
23	28	50	164	212	182	42
24	31	41	175	209	204	49
25	0	78	155	195	195	87
26	0	71	97	202	201	89
27	0	70	116	195	201	81
28	0	85	108	202	190	72
29	0	81	106	197	182	167
30	0	64	106	197	173	114
31	0	54	...	184	162	...
Mean	59	67	111	167	162	69
Max.	66	100	178	221	204	167
Min.	0	0	51	81	0	42
A. F.	2358	2664	6609	10292	10011	4084
Water diverted	36018 A. F.					

NORTH PLATTE CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River.....	2358	2664	6609	10292	10011	4084	36018
Wasted to:--							
Scout Creek (Lateral 23).....	262	347	704	649	545	553	3060
River (Cooks Wasteway).....	*	801	1303	1627	714	1922	5767
Total waste	262	1148	2007	1676	1259	2475	8827
Net diverted	2096	1516	4602	8616	8752	1660	27191

Area reported 14091 acres.
 Net diverted 27191 A. F.
 Per acre 1.94 A. F.
 *No record.

Acres Reported
 D-635 14091

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

NORTHPORT CANAL
Diverted from North Platte River and
Pathfinder Reservoir
Measured at Tri-State Rating Flume

Date	Oct.	May	June	July	Aug.	Sept.
1	130	0	214	143	214	215
2	60	0	214	143	286	215
3	0	0	214	231	286	200
4	0	0	214	231	286	175
5	0	0	214	231	286	105
6	0	0	214	231	286	70
7	0	0	214	231	286	70
8	0	0	230	231	286	65
9	0	0	230	231	286	50
10	0	0	230	231	286	50
11	0	0	230	231	286	50
12	0	0	230	231	286	50
13	0	0	230	231	286	50
14	0	0	230	245	286	50
15	0	0	230	286	286	50
16	0	0	230	286	286	50
17	0	0	230	286	286	50
18	0	0	230	262	286	50
19	0	0	230	250	286	50
20	0	0	230	214	286	50
21	0	0	230	214	286	50
22	0	0	230	214	286	50
23	0	0	230	214	286	50
24	0	0	230	214	286	50
25	0	0	143	214	286	50
26	0	0	143	214	286	50
27	0	0	143	214	286	50
28	0	0	143	214	286	50
29	0	0	143	214	286	50
30	0	40	143	214	286	50
31	0	110	...	214	240	..
Mean	95	75	209	226	282	73
Max.	130	110	230	286	286	215
Min.	0	0	143	143	214	50
A. F.	377	297	12429	13904	17352	4393

Water diverted 48752 A. F. including storage diversion.

NORTHPORT CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Total diverted	377	297	12429	13904	17352	4393	48752
Wasted to:—							
Indian Creek	0	0	377	48	0	1236	1661
Upper Dugout Creek.....	0	0	262	389	0	0	651
Silvernail Drain	0	0	254	545	0	0	799
Total waste	0	0	893	982	0	1236	3111
Net diverted.....	377	297	11536	12922	17352	3157	45641

Area reported 16131 acres.
Net diverted 45641 A. F.
Per acre 2.83 A. F.

Acreage Reported
A-768 16131

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	OLIVER RESERVOIR—KIMBALL IRRIGATION DISTRICT											
	Diverted from Lodgepole Creek,					Storage in Acre-Feet						
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	2110	.....	.....	.....	.....	.....	.....	.....	.....
2	430	.....	.....	.....	.....	.....	3600	.....	.....	3260	.....	.....
3	2130
4	1790	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	2890	3290	.....	.....	4200	.....	.....	.....
6	1290	.....	.....	.....	.....	.....	.....	.....	.....	2090	.....
7	3960	.....	.....	.....	.....
8	2370	.....	.....	.....	.....	.....	.....	.....	.....
9	610	.....	.....	.....	.....	.....	3670	.....	.....	2550	.....	.....
10	2930
11	1910	.....	.....	.....	.....	.....	3730	.....	.....	.....
12	2900	3470	.....	.....	.....	.....	.....	.....
13	1380	.....	.....	.....	.....	.....	.....	.....	.....	1600	.....
14	4000	.....	.....	.....	.....
15	2470	.....	.....	.....	.....	.....	.....	.....	.....
16	820	.....	.....	.....	.....	.....	3800	.....	.....	.....	.....	.....
17	3600
18	2070	2550	.....	.....	.....	.....	3110	.....	.....	.....
19	3050	3500	.....	.....	.....	.....	.....	.....
20
21	4070	.....	.....	.....	1170
22	2630	.....	.....	.....	.....	.....	.....	.....	.....
23	1000	.....	.....	.....	.....	.....	3870	.....	.....	1770	.....	.....
24	2550
25	2070	.....	.....	.....	.....	.....	3170	.....	.....	.....
26	3170	3570	.....	.....	.....	.....	.....	.....
27	1690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	3180	.....	.....	.....	4160	.....	.....	.....
29	2710	.....	.....	.....	.....	.....	.....	.....	.....
30	1160	.....	.....	.....	.....	.....	3930	.....	.....	2650	.....	.....
31

ORCHARD-ALFALFA CANAL

Diverted from Platte River and Sutherland Reservoir

Date	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	20	60	0	32	21	27	0	0
2	20	60	0	23	24	37	0	0
3	30	60	0	24	22	38	0	0
4	30	61	0	17	14	31	0	0
5	40	57	0	20	19	28	0	0
6	50	62	0	23	19	28	0	0
7	58	64	0	24	18	31	0	23
8	61	60	0	21	17	27	0	35
9	69	56	0	16	17	24	0	44
10	68	0	0	15	16	27	0	44
11	72	0	0	28	21	27	0	44
12	72	0	0	19	21	32	0	44
13	64	0	0	19	16	40	0	37
14	65	0	10	17	19	49	0	34
15	59	0	53	16	21	39	0	21
16	61	0	46	18	20	25	0	19
17	54	0	37	20	19	0	0	21
18	43	0	34	18	18	0	0	18
19	36	0	34	19	17	0	0	16
20	38	0	33	20	15	0	0	16
21	38	0	33	18	20	23	0	16
22	54	0	33	15	22	28	0	16
23	55	0	33	14	25	0	0	15
24	57	0	33	17	13	0	0	15
25	58	0	32	15	0	0	0	14
26	59	0	32	14	0	0	0	14
27	64	0	30	17	18	0	0	13
28	65	0	30	17	23	0	0	13
29	65	0	30	19	22	0	0	16
30	65	0	30	15	23	0	0	14
31	65	..	..	19	..	0	0	..
Mean	55	18	18	19	18	18	0	18
Max.	72	64	53	32	25	49	0	44
Min.	20	0	0	14	0	0	0	0
A. F.	3283	1071	1117	1168	1071	1113	0	1115
Area reported 5950 acres.							Acreage Reported	
Water diverted 9938 A. F.							D-726	
Per acre 1.67 A. F.							5900	
No storage diversions.								

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	OSHKOSH CANAL					OTTER CREEK CANAL						
	Diverted from North Platte	July	Aug.	Sept.	April	Diverted from	June	July	Aug.	Sept.		
1	10	5	0	10	4	31	3	0	4	2	3	3
2	10	6	0	9	3	33	3	2	3	2	3	3
3	10	6	0	8	1	18	3	1	3	2	2	1
4	10	6	0	7	0	13	3	0	3	0	0	2
5	11	6	0	4	0	13	3	0	3	2	0	2
6	11	6	0	4	0	2	3	0	5	2	0	2
7	11	6	0	4	0	2	3	0	5	3	0	2
8	12	6	0	3	0	2	3	0	5	2	0	1
9	12	6	0	0	0	2	3	0	5	2	0	1
10	12	6	0	0	0	2	3	13	5	2	0	1
11	11	7	0	0	0	2	3	13	4	9	0	1
12	10	8	0	0	0	2	3	14	4	8	0	1
13	10	4	0	0	0	2	3	14	6	7	0	1
14	10	0	0	0	0	2	3	12	0	9	0	1
15	10	0	0	0	0	2	3	12	0	9	1	1
16	8	0	0	0	0	2	0	14	0	9	0	1
17	7	0	0	0	0	2	0	14	0	2	0	1
18	7	0	0	0	0	3	0	14	0	2	0	1
19	7	0	0	0	0	2	0	14	0	2	3	1
20	7	0	0	0	0	2	0	11	0	2	3	0
21	7	0	0	2	0	2	0	8	0	3	0	1
22	7	0	0	4	0	2	0	7	2	3	0	1
23	7	0	0	5	0	2	0	5	2	3	0	1
24	7	0	0	5	0	3	0	6	2	3	0	0
25	4	0	0	5	0	5	0	5	2	3	0	1
26	4	0	0	5	0	10	0	5	2	3	0	1
27	4	0	0	4	0	10	0	5	2	3	0	1
28	4	0	0	5	0	10	0	6	2	3	0	1
29	4	0	5	4	0	9	0	6	2	2	3	1
30	4	0	11	4	4	9	0	5	2	3	3	1
31	4	..	..	4	12	..	..	5	..	3	3	..
Mean	8	6	8	5	5	7	3	9	3	4	3	1
Max.	12	6	11	10	12	33	3	14	6	9	3	3
Min.	4	0	0	0	0	2	0	0	0	0	0	0
A. F.	500	155	32	188	48	399	89	413	145	220	52	91
Area reported	2846 acres.					Acreege Reported						
Water diverted	1322 A. F.					D-797					2684	
Per acre	0.46 A. F.					A-243R					162	
Total											2946	
Area reported 1098 acres.												
Water diverted 1000 A. F.												
Per acre 0.91 A. F.												
Acreege Reported												
D-1632											233	
A-1240											60	
A-1R											805	
Total											1098	

Date	OWASCO CANAL					Sept.	
	Diverted from	April	May	June	July		Aug.
1	6	*	*	0	0	0	6
2	6	*	*	0	0	0	6
3	6	*	*	0	3	2	0
4	6	*	*	0	3	2	0
5	6	*	*	0	0	2	0
6	7	*	*	3	1	4	0
7	7	*	*	0	2	3	0
8	7	*	*	3	3	4	0
9	7	*	*	3	4	4	6
10	7	*	*	3	4	3	6
11	8	*	*	3	4	5	3
12	8	*	*	4	3	4	0
13	8	*	*	3	3	3	0
14	8	*	*	7	4	2	0
15	8	*	*	7	5	2	0
16	9	*	*	6	6	2	0
17	9	*	*	5	6	3	0
18	9	*	*	10	0	2	0
19	9	*	*	0	4	3	0
20	9	*	*	0	6	2	0
21	9	*	*	0	0	3	0
22	9	*	*	0	6	3	3
23	9	*	*	0	6	4	3
24	9	*	*	0	4	0	2
25	9	*	*	0	0	3	2
26	0	*	*	0	0	3	2
27	0	*	*	0	6	4	2
28	0	*	*	0	6	4	2
29	0	*	*	0	2	6	3
30	0	*	*	0	0	4	3
31	0	..	..	..	0	4	..
Mean	4	*	*	5	4	3	4
Max.	9	*	*	10	6	6	6
Min.	0	*	*	0	0	0	0
A. F.	387	*	*	113	175	179	97
Water diverted	775 A. F.						
*No record.							

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

OWASCO CANAL (BAY STATE LATERAL)

Date	Diverted from Lodgepole Creek						Sept.
	Oct.	April	May	June	July	Aug.	
1	1	*	*	0	0.0	0.0	1.5
2	1	*	*	0	.0	.0	1.5
3	1	*	*	0	.0	1.0	1.5
4	1	*	*	0	.0	2.0	.0
5	1	*	*	0	.0	1.5	.0
6	1	*	*	0	.0	.6	.0
7	1	*	*	0	.0	.8	.0
8	1	*	*	0	.5	.8	.0
9	1	*	*	0	1.0	.8	.8
10	1	*	*	0	1.2	.8	.8
11	1	*	*	0	1.2	1.0	.0
12	1	*	*	0	.8	.9	.0
13	1	*	*	0	1.8	.8	.0
14	1	*	*	0	1.2	.8	.0
15	1	*	*	0	.9	.8	.0
16	1	*	*	0	1.0	.9	.0
17	1	*	*	0	.0	1.3	.0
18	1	*	*	0	.0	2.0	.0
19	1	*	*	0	.6	.9	.0
20	1	*	*	0	1.2	.6	.0
21	1	*	*	0	.0	1.5	.0
22	1	*	*	0	1.5	2.0	.9
23	1	*	*	0	1.2	1.5	.9
24	1	*	*	0	.6	1.1	.7
25	1	*	*	0	.0	.8	.8
26	0	*	*	0	.0	.9	.8
27	0	*	*	0	.8	1.5	.4
28	0	*	*	0	.8	1.9	.4
29	0	*	*	0	.8	2.2	.4
30	0	*	*	0	.0	1.5	.5
31	0	*	*	0	.0	1.5	.0
Mean	0.8	*	*	0	1.0	1.2	0.8
Max.	1	*	*	0	1.8	2.2	1.5
Min.	0	*	*	0	.0	.0	.0
A. F.	50	*	*	0	34	69	23

D-347 No acreage report filed.

Water diverted 176 A. F.

*No record.

OWASCO CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from Lodgepole Creek.....	387	*	*	113	175	179	97	951
Diverted for D-347 Bay State Lateral	50	*	*	*	34	69	23	176
Net diverted to A-725.....	337	*	*	113	141	110	74	775

Area reported 689 acres.

Water diverted 775 A. F.

Per acre 1.13 A. F.

*No record.

Acreage Reported

A-725 689

D-347 No report filed.

DISCHARGE OF CANALS IN SECOND-FEET, 1928—Continued

PAISLEY CANAL								PATRICK CANAL				
Date	Diverted from Blue Creek and Crescent Lake—A-1575							Diverted from Sand Creek				
	Oct.	April	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	0	13	0	0	14	0	0	0	2	0	3
2	0	0	13	0	0	0	0	0	0	2	3	3
3	0	0	12	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	2	0	0
5	0	0	16	0	0	0	0	0	0	2	0	0
6	0	0	0	0	0	0	0	0	0	3	0	0
7	0	0	14	0	0	0	0	0	0	2	0	0
8	0	0	13	0	0	0	0	0	0	2	0	0
9	0	0	14	0	0	0	0	0	0	2	0	0
10	0	0	14	0	0	0	0	0	0	3	0	0
11	0	0	12	0	0	0	0	0	0	3	0	0
12	0	0	10	0	0	0	0	0	3	3	0	0
13	0	0	0	0	0	0	0	0	3	3	0	0
14	0	0	0	0	0	0	0	1	0	3	0	0
15	0	0	0	0	0	0	0	3	0	3	0	0
16	0	0	12	0	0	0	0	2	1	3	0	0
17	0	0	16	0	0	0	0	2	0	3	0	0
18	0	0	15	0	0	0	0	3	0	0	0	0
19	0	0	14	0	0	0	0	3	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	3
21	0	6	0	0	0	0	0	1	2	0	0	2
22	0	10	0	0	0	0	0	0	1	0	0	2
23	0	10	0	0	0	0	0	0	0	0	0	2
24	0	10	0	0	0	0	0	2	0	0	0	2
25	0	11	0	0	0	0	0	2	0	0	0	2
26	0	11	0	0	0	0	0	1	0	0	0	0
27	0	11	0	0	0	0	10	0	2	0	1	0
28	0	12	0	0	15	0	17	0	3	3	1	0
29	0	12	0	0	14	0	20	0	3	3	3	0
30	0	12	0	0	14	0	19	0	2	0	3	0
31	0	..	0	..	14	0	..	0	..	0	3	..
Mean	0	11	12	0	14	14	17	2	2	3	2	2
Max.	0	12	16	0	15	14	20	3	3	3	3	3
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A. F.	0	208	373	0	113	28	131	44	40	93	22	38
Area reported	892.5 acres.							Acreage Reported				
Water diverted	853 A. F.							D-800 797.5				
Per acre	0.96 A. F.							A-515 95.0				
No storage diversions.	A-1738 No report filed.							Area reported 170 acres.				
								Water diverted 237 A. F.				
								Per acre 1.39 A. F.				
	Total							892.5				

PAXTON-HERSHEY CANAL

Date	Diverted from North Platte River							Sept.				
	Oct.	April	May	June	July	Aug.						
1	41	0	19	39	58	97	101					
2	41	0	11	37	54	85	86					
3	44	0	34	44	33	0	54					
4	42	0	39	47	31	0	40					
5	42	0	38	46	34	0	40					
6	46	0	34	44	39	0	39					
7	48	0	31	46	39	0	40					
8	49	0	20	49	36	0	42					
9	54	0	26	55	40	0	42					
10	60	0	32	52	37	0	37					
11	61	0	28	46	42	0	36					
12	50	0	22	45	61	0	37					
13	48	0	22	40	68	0	37					
14	46	0	26	52	70	0	34					
15	48	0	22	54	76	0	33					
16	23	30	6	46	75	0	33					
17	0	42	0	50	52	0	33					
18	0	30	7	58	93	100	31					
19	0	8	30	45	93	103	29					
20	0	5	34	42	83	80	29					
21	0	6	30	58	96	0	29					
22	0	5	42	70	96	0	31					
23	0	18	39	67	95	0	31					
24	0	18	38	64	95	0	29					
25	0	14	43	48	93	0	28					
26	0	5	42	42	91	0	36					
27	0	5	41	43	90	38	42					
28	0	6	44	45	97	99	45					
29	0	36	46	48	97	114	45					
30	0	42	48	49	100	109	55					
31	0	..	46	..	99	108	..					
Mean	24	9	31	48	70	30	41					
Max.	61	42	48	70	100	114	101					
Min.	0	0	0	37	31	0	28					
A. F.	1474	536	1884	2918	4290	1851	2428					
								Acreage Reported				
								D-653 7692				
								Area reported 7458 acres.				
								Water diverted 15301 A. F.				
								Per acre 2.06 A. F.				

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

PHELPS COUNTY CANAL Diverted from Platte River						
Date	Mar.	April	May	June	July	Aug. Sept.
1	0	32	229	95	124	0 0
2	0	40	192	83	78	0 0
3	0	51	223	85	54	0 0
4	0	25	181	94	62	0 0
5	0	21	205	88	113	0 0
6	0	6	201	88	60	0 0
7	0	0	170	87	71	0 0
8	0	8	157	99	93	0 0
9	0	4	149	102	74	0 0
10	0	51	53	49	89	0 0
11	0	169	95	102	92	0 0
12	0	21	91	96	110	0 0
13	0	62	85	99	65	0 0
14	0	84	135	97	21	0 0
15	0	84	105	86	0	0 0
16	14	126	109	99	0	0 0
17	14	162	102	123	0	0 0
18	14	71	100	117	0	0 5
19	14	137	100	112	0	0 40
20	14	109	164	161	0	0 82
21	14	131	83	69	0	0 82
22	27	179	73	22	0	0 82
23	27	205	67	5	0	0 115
24	24	205	79	0	0	0 93
25	13	197	83	0	0	0 93
26	10	203	98	0	0	0 82
27	20	197	118	197	0	0 82
28	78	157	121	164	0	0 82
29	47	223	118	188	0	0 82
30	38	209	73	120	0	0 82
31	36	...	91	...	0	0 ..
Mean	13	101	125	89	36	0 33
Max.	78	223	229	197	124	0 115
Min.	0	0	67	0	0	0 0
A. F.	801	6048	7698	5290	2194	0 1987

Area reported 3925 acres.

Acreage actually irrigated 3925.

Water diverted 24018 A. F.

Per acre 6.12 A. F.

RAMSHORN CANAL Diverted from North Platte River				
Date	May	June	July	Aug. Sept.
1	0	13	5	18 16
2	0	8	0	17 16
3	0	3	0	18 6
4	0	13	24	17 6
5	0	13	24	4 17
6	0	0	21	1 12
7	0	0	23	24 12
8	0	0	2	17 17
9	0	8	8	3 14
10	0	6	6	3 12
11	0	13	11	3 12
12	0	13	13	2 15
13	0	13	12	1 14
14	0	4	19	2 21
15	0	4	23	1 15
16	2	4	22	3 16
17	6	13	23	2 15
18	4	15	21	0 13
19	2	10	13	0 0
20	0	14	17	0 0
21	0	14	11	3 0
22	0	14	1	3 10
23	0	18	22	4 6
24	0	13	22	4 6
25	6	16	13	3 6
26	6	16	23	13 9
27	0	13	17	13 8
28	3	12	10	13 4
29	3	21	12	6 5
30	10	12	8	15 5
31	12	...	18	15 ..
Mean	5	12	15	8 11
Max.	12	21	24	24 21
Min.	0	0	0	0 0
A. F.	95	627	881	452 611

Acreage Reported

D-945 1546

D-918R 129

Total 1675

Area reported 1675 acres.

Water diverted, including storage,

2666 A. F.

Per acre 1.59 A. F.

Storage diversions 103 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

		RIVERSIDE CANAL						
Date	Oct.	Diverted from		Frenchman	River	Aug.	Sept.	
		Mar.	April	May	June			
1	*	*	*	19	*	*	*	
2	*	*	*	*	*	*	*	
3	*	*	*	*	*	14	*	
4	*	*	*	*	*	*	*	
5	*	*	*	*	0	13	14	
6	*	*	*	*	*	*	*	
7	*	*	*	*	*	15	*	
8	*	*	*	*	*	13	*	
9	*	*	*	*	*	14	*	
10	14	*	*	*	*	12	0	
11	*	*	*	*	*	0	0	
12	*	*	*	*	*	14	9	
13	*	*	*	*	*	0	*	
14	*	*	*	*	*	0	*	
15	*	*	*	18	19	15	0	
16	*	*	*	*	*	0	*	
17	14	*	*	*	*	13	*	
18	*	*	*	*	*	*	5	
19	*	*	*	*	*	16	*	
20	*	*	15	*	0	*	*	
21	*	*	*	17	0	*	14	
22	*	*	*	*	0	*	14	
23	*	17	*	*	0	*	*	
24	*	*	*	*	0	15	13	
25	15	*	*	*	0	*	*	
26	*	*	*	*	0	*	17	
27	*	*	*	19	0	15	*	
28	*	*	*	*	0	*	0	
29	*	*	*	*	0	16	*	
30	*	*	*	*	0	*	13	
31	16	*	*	*	*	15	*	
Mean	*	*	*	*	*	*	*	
Max.	*	*	*	*	*	*	*	
Min.	*	*	*	*	*	*	*	
A. F.	*	*	*	*	*	*	*	
Area reported	574 acres.					Acreage Reported		
Water diverted—Incomplete record.						D-18	372	
*No record.						A-1674	202	
						Total	574	

		ROUND HOUSE ROCK CANAL						
Date	Oct.	Nov.	June	July	Aug.	Sept.		
1	2	3	0	0	0	0	0	
2	2	3	0	0	0	0	0	
3	2	3	0	0	0	0	0	
4	2	3	0	0	0	0	0	
5	2	3	0	0	0	0	0	
6	2	3	1	0	0	0	0	
7	2	3	0	0	0	0	0	
8	2	3	0	0	0	0	0	
9	2	3	0	0	0	0	0	
10	2	3	4	0	0	0	0	
11	2	3	5	0	0	0	0	
12	2	3	4	0	0	0	0	
13	3	3	4	0	0	0	0	
14	3	3	4	0	0	0	0	
15	3	3	4	0	0	0	0	
16	3	3	4	0	0	0	0	
17	3	3	4	0	0	0	0	
18	3	3	4	0	0	0	0	
19	3	3	4	0	0	0	0	
20	3	1	4	0	0	0	0	
21	3	0	0	0	0	0	0	
22	3	0	0	0	0	0	0	
23	3	0	0	0	0	0	0	
24	3	0	0	0	0	0	0	
25	3	0	0	0	0	0	0	
26	3	0	0	0	0	0	0	
27	3	0	0	0	0	0	0	
28	3	0	0	0	0	0	0	
29	3	0	0	0	0	0	0	
30	3	0	0	0	0	0	0	
31	3	*	*	*	*	*	*	
Mean	3	2	4	0	0	0	0	
Max.	3	3	5	0	0	0	0	
Min.	2	0	0	0	0	0	0	
A. F.	161	115	91	0	0	0	0	
Area reported	121 acres.					Acreage Reported		
Water diverted 367 A. F.						D-884	121	
Per acre 3.04 A. F.								

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

RUTTNER CANAL, NEW									
Diverted from Lodgepole Creek									
Date	Oct.	Nov.	Mar.	April	May	June	July	Aug.	Sept.
1	1	1	0	*	*	5	2	1	2
2	1	1	*	*	*	5	2	1	2
3	1	1	*	*	*	7	2	2	2
4	1	1	*	*	*	5	2	2	1
5	1	1	*	*	*	5	2	2	1
6	1	1	*	*	*	5	2	2	1
7	1	1	*	*	*	4	2	2	1
8	1	1	*	*	*	4	2	2	1
9	1	1	*	*	*	4	2	2	1
10	1	1	*	*	*	4	2	2	1
11	1	1	*	*	*	4	2	2	1
12	1	1	*	*	*	4	2	2	1
13	1	1	*	*	*	3	2	2	1
14	1	1	*	*	*	3	2	2	2
15	1	1	*	*	*	3	2	2	2
16	1	1	*	*	*	3	2	2	2
17	1	1	*	*	*	3	2	2	2
18	1	1	*	*	*	3	2	2	2
19	1	1	*	*	*	3	2	2	2
20	1	1	*	*	*	2	2	2	2
21	1	1	*	*	*	2	2	2	2
22	1	1	*	*	*	2	2	3	3
23	1	1	*	*	*	2	2	3	3
24	1	1	*	*	*	2	2	3	3
25	1	1	*	*	*	1	2	3	3
26	1	1	*	0	4	2	0	3	3
27	1	1	*	*	*	1	0	2	3
28	1	1	*	*	*	2	0	2	3
29	1	1	*	*	*	1	0	2	3
30	1	1	3	*	*	2	0	2	3
31	1	..	..	..	..	..	1	2	..
Mean	1	1	*	*	*	3	2	2	2
Max.	1	1	*	*	*	5	2	3	3
Min.	1	1	*	*	*	1	0	1	0
A. F.	161	160	*	*	*	188	101	127	105

Area reported 195 acres.

Water diverted—Incomplete records—642 A. F.

Per acre 3.30 A. F.

*No record.

†Estimated.

Acreage Reported
D-350R 22
A-727 37
A-857 92
A-869 44

Total 195

SCRIPTER CANAL					
Diverted from Clear Creek					
Date	May	June	July	AUG.	Sept.
1	1	0	0	0	0
2	1	0	0	0	0
3	0	0	0	0	0
4	1	0	0	0	0
5	0	0	0	0	0
6	4	0	0	0	0
7	6	0	0	0	0
8	6	0	0	0	0
9	6	0	0	0	0
10	0	0	0	0	0
11	4	0	0	0	0
12	0	0	0	0	0
13	1	0	0	0	0
14	1	0	0	0	0
15	0	0	0	0	0
16	0	2	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	..	0	0	..
Mean	3	2	0	0	0
Max.	6	2	0	0	0
Min.	0	0	0	0	0
A. F.	61	4	0	0	0

Area reported 175 acres.

Water diverted 65 A. F.

Per acre 0.37 A. F.

Acreage Reported
A-2288 175

SHERIDAN-WILSON CANAL						
Diverted from North Platte River.						
Date	Oct.	May	June	July	AUG.	Sept.
1	2	0	0	0	6	4
2	5	0	0	0	4	4
3	10	0	0	0	5	6
4	15	0	0	0	2	6
5	17	0	0	0	1	6
6	12	0	0	0	1	6
7	11	0	0	0	3	6
8	12	0	0	0	5	8
9	13	0	0	1	4	9
10	14	0	1	0	0	0
11	0	0	3	0	0	0
12	0	0	3	0	0	0
13	0	0	4	1	0	0
14	0	0	11	2	0	0
15	0	0	8	3	0	0
16	0	0	7	7	0	0
17	0	1	5	18	0	0
18	0	1	3	16	0	0
19	0	7	1	6	0	0
20	0	5	4	6	0	0
21	0	6	3	8	0	0
22	0	2	7	7	0	0
23	0	1	6	6	0	0
24	0	0	7	4	0	0
25	0	1	2	5	0	0
26	0	0	0	6	0	0
27	0	1	0	6	1	0
28	0	2	0	5	6	0
29	0	2	0	5	4	0
30	0	4	0	6	4	0
31	0	1	..	4	3	..
Mean	4	3	5	6	4	6
Max.	17	7	11	18	6	9
Min.	0	0	0	0	0	0
A. F.	229	67	149	242	97	109

Water diverted 884 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

SHERIDAN-WILSON CANAL						
Diverted from Sarben Slough						
Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	3	1	1
2	2	0	0	3	1	2
3	2	0	0	4	2	2
4	2	0	3	4	1	2
5	2	0	0	4	1	2
6	2	0	0	3	1	2
7	2	0	3	3	1	2
8	2	0	3	3	1	2
9	2	0	2	2	0	2
10	2	0	2	2	0	0
11	0	0	3	1	0	0
12	0	0	3	1	0	0
13	0	2	3	1	0	0
14	0	2	3	1	0	0
15	0	2	2	1	0	0
16	0	2	3	1	0	0
17	0	2	3	2	0	0
18	0	2	3	2	1	0
19	0	2	2	1	1	0
20	0	0	4	1	1	0
21	0	0	4	2	0	0
22	0	0	3	2	0	0
23	0	2	3	1	0	0
24	0	2	3	1	0	0
25	0	2	0	1	0	0
26	0	2	4	1	0	0
27	0	2	4	1	1	0
28	0	3	3	1	1	0
29	0	3	3	1	1	0
30	0	0	3	1	1	2
31	0	0	..	1	1	..
Mean	2	2	3	2	1	1
Max.	2	3	4	4	2	2
Min.	0	0	0	1	0	0
A. F.	40	60	143	111	32	38

Water diverted 424 A. F.

Note:—This diversion is made below the Sarben Slough rating station.

SHERIDAN-WILSON CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:—							
North Platte River...	220	67	149	242	97	109	884
Sarben Slough	40	60	143	111	32	38	424
Total.....	260	127	292	353	129	147	1308

Area reported 676 acres.

Water diverted 1308 A. F.

Per acre 1.94 A. F.

Acreage Reported
D-710 676

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

SHORT LINE CANAL							SIGNAL BLUFF CANAL						
Date	Diverted from North Platte River						Diverted from North Platte River						
	Oct.	May	June	July	Aug.	Sept.	April	May	June	July	Aug.	Sept.	
1	1	0	29	24	22	5	0	4	3	4	0	9	
2	1	0	29	26	29	45	0	4	3	4	0	10	
3	1	0	30	23	20	5	0	4	4	3	0	6	
4	1	0	0	23	0	2	0	4	3	0	0	12	
5	1	0	0	21	0	0	0	4	3	0	0	12	
6	1	0	0	19	0	0	0	3	3	0	0	11	
7	1	0	20	24	0	0	0	4	3	0	0	6	
8	1	0	22	22	0	0	0	3	3	0	0	12	
9	1	0	23	23	0	0	0	3	3	0	0	10	
10	1	0	23	23	0	0	0	4	3	0	0	11	
11	1	0	24	25	0	0	0	5	3	0	0	6	
12	1	0	0	27	0	0	0	4	3	0	0	7	
13	1	0	25	17	0	0	0	4	3	0	0	10	
14	1	0	23	15	0	0	0	4	3	0	0	10	
15	1	0	24	20	0	0	0	4	3	0	0	9	
16	1	0	23	0	0	0	0	4	3	0	0	8	
17	1	0	26	0	0	0	0	4	3	0	0	6	
18	1	0	26	0	0	0	0	5	3	0	0	4	
19	1	0	28	0	0	0	0	5	3	0	0	5	
20	1	0	44	0	0	0	0	0	3	0	0	5	
21	1	0	30	0	0	0	4	0	3	0	0	6	
22	1	0	40	0	0	0	4	0	3	0	0	6	
23	1	0	2	10	0	12	4	4	3	0	0	5	
24	1	0	1	8	0	4	4	4	3	0	0	4	
25	1	0	12	8	0	9	4	4	4	0	0	2	
26	1	0	0	11	0	9	4	4	4	0	0	1	
27	1	0	0	15	0	9	4	4	4	0	0	0	
28	1	0	0	15	0	8	4	4	4	0	0	0	
29	1	0	0	15	40	0	4	3	4	0	0	0	
30	1	0	26	12	37	0	4	3	4	0	11	0	
31	1	25	..	12	38	..	..	2	..	0	10	..
Mean	1	25	24	18	31	14	4	4	3	4	10	9	
Max.	1	25	44	27	40	45	4	5	4	4	11	12	
Min.	1	0	0	0	0	0	0	0	3	0	0	0	
A. F.	61	50	1051	889	370	214	79	214	192	22	42	383	
Area reported	2985 acres.						1435 acres.						
Water diverted	2615 A. F.						932 A. F.						
Per acre	0.88 A. F.						0.65 A. F.						

SIX MILE CANAL
Diverted from Platte River and Sutherland Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	54	0	0	0	0	0
9	41	0	0	0	0	0
10	35	0	0	0	0	0
11	36	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	18	0	0
22	0	0	0	12	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	23	0	0
26	0	0	0	28	0	0
27	0	0	0	27	0	0
28	0	0	0	28	0	0
29	0	0	0	27	0	0
30	0	0	0	0	0	0
31	0	0	..	0	0	..
Mean	5	0	0	5	0	0
Max.	54	0	0	28	0	0
Min.	0	0	0	0	0	0
A. F.	329	0	0	323	0	0

Acreage Reported
D-680 943Area reported 943 acres.
Water diverted 652 A. F.*
Per acre 0.69 A. F.

No storage diversions.

*Diverted by the Thirty Mile Canal for use on land under the Six Mile Canal.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

SMITH-WHEELER CANAL							SOEHL CANAL						
Date	Diverted from Pumpkinseed Creek						Diverted from Loeragan Creek						
	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	
1	3	0	1	1	0	1	2	0	0	4	0	0	
2	3	0	1	1	0	0	2	0	0	4	0	0	
3	3	0	1	0	0	1	2	0	0	0	0	0	
4	2	0	1	0	0	1	2	0	0	0	0	0	
5	2	0	1	0	0	1	2	0	0	0	0	0	
6	2	0	1	0	0	0	2	0	0	0	0	0	
7	2	0	1	0	0	0	2	0	0	0	0	0	
8	2	0	1	0	0	0	2	0	0	0	0	0	
9	2	0	1	0	0	1	2	0	0	0	0	0	
10	2	1	1	0	1	0	2	3	0	0	0	0	
11	2	2	1	0	0	0	2	4	0	0	0	0	
12	2	2	1	0	0	1	2	4	0	0	0	0	
13	0	2	1	0	0	0	2	4	0	0	0	0	
14	0	2	1	1	0	0	2	5	0	0	0	0	
15	0	2	1	1	0	1	2	5	0	0	0	0	
16	0	2	1	1	0	0	2	4	0	0	0	0	
17	0	2	1	2	0	0	2	5	0	0	0	0	
18	0	2	1	1	0	1	2	5	0	0	0	0	
19	0	2	1	1	0	0	2	5	0	0	0	0	
20	0	1	1	1	1	0	2	0	0	0	0	0	
21	0	1	1	1	0	0	2	0	0	0	0	0	
22	0	1	1	0	0	0	2	0	0	0	0	0	
23	0	1	1	0	0	0	2	0	0	0	0	0	
24	0	1	1	0	0	0	2	0	0	0	0	0	
25	0	1	1	0	0	1	2	0	0	0	0	0	
26	0	1	1	0	0	0	1	0	0	0	0	0	
27	0	1	1	0	0	0	1	0	0	0	0	0	
28	0	1	1	0	0	0	1	0	0	0	0	0	
29	0	1	1	0	0	0	1	0	0	0	0	0	
30	0	1	1	0	0	0	1	0	3	0	0	0	
31	0	1	..	0	1	..	1	0	..	0	0	..	
Mean	0.9	1	1	1	1	1	2	4	3	4	0	0	
Max.	3	2	1	2	1	1	2	5	3	4	0	0	
Min.	0	0	1	0	0	0	1	0	0	0	0	0	
A. F.	54	61	60	22	6	18	111	87	6	16	0	0	
Area reported	65 acres.						Area reported 203 acres.						
Water diverted	221 A. F.			D-842a 59			Water diverted 220 A. F.			D-697a 140			
Per acre	3.40 A. F.			D-842b 15			Per acre 1.08 A. F.			D-697b 43			
Total						65	Total						203

SUBURBAN CANAL						
Date	Diverted from North Platte River					
	Oct.	April	May	June	July	Aug.
1	70	0	0	24	45	34
2	68	0	0	19	34	48
3	66	0	0	17	39	0
4	64	0	0	23	30	0
5	62	0	0	24	25	0
6	60	0	0	22	42	0
7	58	0	0	18	42	0
8	56	0	0	17	33	0
9	54	10	0	17	50	0
10	52	20	0	28	23	0
11	40	60	0	29	15	0
12	30	15	0	26	33	0
13	20	6	0	20	39	0
14	10	4	0	20	30	0
15	0	4	0	28	24	0
16	0	4	0	20	40	18
17	0	4	0	17	60	19
18	0	3	0	24	42	67
19	0	2	0	20	59	67
20	0	0	0	40	59	51
21	0	0	0	49	64	0
22	0	0	0	44	64	0
23	0	0	0	51	65	0
24	0	0	0	46	63	0
25	0	0	0	55	53	0
26	0	0	0	57	48	0
27	0	0	20	72	37	25
28	0	0	16	53	42	51
29	0	0	11	46	42	56
30	0	0	0	48	40	77
31	0	..	4	..	42	51
Mean	23	4	2	32	43	19
Max.	70	60	20	72	65	96
Min.	0	0	0	17	15	0
A. F.	1408	260	101	1932	2626	1184
Water diverted	9302 A. F.					

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

SUBURBAN CANAL						
Diverted from	Lincoln County Drain No. 1					
Date	April	May	June	July	Aug.	Sept.
1	5	7	14	13	26	29
2	5	11	14	13	26	3
3	5	11	14	11	0	9
4	5	11	14	5	1	4
5	5	11	14	5	1	4
6	6	11	14	5	1	4
7	8	11	14	5	1	4
8	10	11	14	5	1	4
9	14	11	15	5	0	4
10	14	12	15	5	0	4
11	14	11	14	5	0	4
12	14	12	14	9	1	4
13	14	12	14	20	1	4
14	14	12	13	19	0	4
15	14	12	13	19	4	4
16	14	12	12	18	0	4
17	14	10	12	17	16	4
18	14	11	12	17	31	4
19	14	10	11	17	31	4
20	14	0	13	18	29	4
21	14	15	11	18	7	4
22	14	15	12	25	0	3
23	14	14	12	24	0	4
24	14	14	11	24	0	4
25	14	14	12	24	0	4
26	14	14	13	24	0	4
27	14	13	13	24	14	4
28	14	13	13	24	27	4
29	14	13	13	26	28	4
30	14	14	13	26	28	9
31	..	14	..	26	28	..
Mean	12	12	13	16	15	5
Max.	14	15	15	26	29	29
Min.	5	0	11	5	0	3
A. F.	708	718	780	984	589	303

Water diverted 4082 A. F.

SUBURBAN CANAL
SUMMARY IN ACRE-FEET

	Oct.	April	May	June	July	Aug.	Sept.	Total
Diverted from:—								
North Platte River.....	1408	260	101	1932	2626	1184	1791	9302
Lincoln County Drain No. 2, O. D. A-2648	0	708	718	780	984	589	303	4082
Lincoln County Drain No. 1A.....	0	0	0	0	0	0	0	0
Total diversion	1408	968	819	2712	3610	1773	2094	13384

Area reported 8042 acres.
Water diverted 13384 A. F.
Per acre 1.66 A. F.

Acreage Reported
D-622 (O. D. A-2648) 8042

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

SUTHERLAND RESERVOIR SUPPLY CANAL												
Diverted from North Platte River												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	578	653	732	0	0	0
2	0	0	0	0	0	0	575	655	764	0	0	0
3	0	0	0	0	0	0	569	674	777	0	0	0
4	0	0	0	0	0	0	567	692	789	0	0	0
5	0	0	0	0	0	0	564	718	783	0	0	0
6	0	0	0	0	0	0	555	703	711	0	0	0
7	0	0	0	0	0	0	444	737	448	0	0	0
8	0	0	0	0	0	0	554	776	491	0	0	0
9	0	0	0	0	0	0	584	774	406	0	0	0
10	0	0	0	0	0	0	583	779	288	0	0	0
11	0	0	0	0	0	0	580	774	72	0	0	0
12	0	0	0	0	0	0	560	769	0	0	0	0
13	0	0	0	0	0	0	558	776	0	0	0	0
14	0	0	0	0	0	0	558	772	0	0	0	0
15	0	0	0	0	0	0	575	732	0	0	0	0
16	0	0	0	0	0	0	591	689	0	0	0	0
17	0	0	0	0	0	0	581	644	0	0	0	0
18	0	0	0	0	0	0	581	604	0	0	0	0
19	0	0	0	0	0	0	583	605	0	0	0	0
20	0	0	0	0	0	0	68	572	794	0	0	0
21	0	0	0	0	0	0	114	562	774	0	0	0
22	0	0	0	0	0	0	146	575	774	0	0	0
23	0	0	0	0	0	0	201	608	777	0	0	0
24	0	0	0	0	0	0	257	607	772	0	0	0
25	0	0	0	0	0	0	293	608	755	0	0	0
26	0	0	0	0	0	0	332	628	769	0	0	0
27	0	0	0	0	0	0	391	648	764	0	0	0
28	0	0	0	0	0	0	441	636	779	0	0	0
29	0	0	0	0	0	0	481	637	786	0	0	0
30	0	0	0	0	0	0	545	644	465	0	0	0
31	0	0	0	0	0	0	562	589	0	0	0	0
Mean	0	0	0	0	0	0	123	582	720	208	0	0
Max.	0	0	0	0	0	0	562	648	794	789	0	0
Min.	0	0	0	0	0	0	0	444	465	0	0	0
A. F.	0	0	0	0	0	0	7599	34642	44280	12419	0	0
Water diverted	98940 A. F.											

SUTHERLAND RESERVOIR												
Total Live Storage in Acre-Feet												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	15616	41018	38652	30249	22851
2	0	0	0	0	0	0	0	16296	41836	38397	29784	22851
3	0	0	0	0	0	0	0	500	16807	42655	38142	23036
4	0	0	0	0	0	0	0	1096	17487	43473	37887	29112
5	0	0	0	0	0	0	0	1629	18220	44018	37632	28888
6	0	0	0	0	0	0	0	1629	18220	44018	37632	28888
7	0	0	0	0	0	0	0	2136	18971	44837	37378	28663
8	0	0	0	0	0	0	0	2644	19722	45382	37123	28439
9	0	0	0	0	0	0	0	2875	20473	45954	36868	28215
10	0	0	0	0	0	0	0	3336	21223	46241	36613	27991
11	0	0	0	0	0	0	0	3989	22234	46241	36103	27767
12	0	0	0	0	0	0	0	4633	23057	46241	35848	27543
13	0	0	0	0	0	0	0	5157	23880	45954	35338	27319
14	0	0	0	0	0	0	0	5753	24909	45382	35083	27095
15	0	0	0	0	0	0	0	6348	25750	44837	34828	26871
16	0	0	0	0	0	0	0	6775	26647	44291	34587	26647
17	0	0	0	0	0	0	0	7286	27543	44018	34346	26422
18	0	0	0	0	0	0	0	7695	28439	43473	34346	26198
19	0	0	0	0	0	0	0	8002	29112	43200	34105	25974
20	0	0	0	0	0	0	0	8308	29784	42655	33623	25750
21	0	0	0	0	0	0	0	8877	30490	42109	33382	25526
22	0	0	0	0	0	0	0	9400	31454	41564	33141	25320
23	0	0	0	0	0	0	0	9792	32177	41291	32900	25115
24	0	0	0	0	0	0	0	10446	33141	41018	32659	24909
25	0	0	0	0	0	0	0	10969	34105	40745	32177	24497
26	0	0	0	0	0	0	0	11533	35083	40745	31936	24292
27	0	0	0	0	0	0	0	12138	36103	40473	31454	23880
28	0	0	0	0	0	0	0	12045	36868	40200	31454	23880
29	0	0	0	0	0	0	0	12650	37632	39672	31213	23674
30	0	0	0	0	0	0	0	14255	38907	39417	30972	23469
31	0	0	0	0	0	0	0	14935	39672	38907	30731	23263
Reported by the district.												

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

Date	SUTHERLAND REGULATING RESERVOIR											
	Total Live Storage in Acre-Feet											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1	5800	4790	.....	.....	.....	.....	.....	.....	.....	0	0	0
2	0	0	0
3	3600	.....	.....	.....	.....	.....	.....	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	4450	.....	.....	.....	.....	.....	.....	.....	0	0	0
8	2050	.....	.....	.....	.....	0	0	0
9	0	0	0
10	2800	.....	.....	.....	.....	.....	0	0	0
11	850	.....	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	5000	.....	.....	.....	.....	.....	1100	.....	.....	0	0	0
18	0	0	0
19	4050	3300	.....	.....	.....	.....	.....	.....	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	2450	.....	.....	.....	200	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	3700	.....	.....	.....	1350	1000	.....	.....	0	0	0
30	4700	.....	3050	.....	.....	.....	.....	.....	.....	0	0	0
31	650	.....	0	0	..

Reported by the district.

Date	THIRTY MILE CANAL							
	Diverted from Platte River and Sutherland Reservoir							
	Oct.	Nov.	April	May	June	July	Aug.	Sept.
1	192	316	0	224	104	168	0	0
2	199	307	0	222	108	168	0	0
3	213	316	0	222	97	168	0	0
4	32	315	49	217	96	164	0	15
5	0	316	84	213	101	153	0	35
6	0	316	37	216	99	154	0	34
7	0	316	37	177	97	166	0	70
8	54	312	27	149	100	159	0	102
9	41	316	0	147	104	153	0	146
10	35	316	0	145	90	159	0	158
11	36	315	0	147	106	163	0	148
12	224	277	81	146	97	179	0	141
13	236	281	83	122	98	199	0	142
14	246	293	107	111	98	219	0	153
15	260	311	153	109	103	54	0	147
16	254	281	159	111	105	0	0	161
17	256	188	144	101	106	0	0	152
18	278	72	172	103	108	0	0	154
19	284	0	177	101	100	0	0	166
20	292	0	196	109	114	10	0	164
21	309	0	209	106	120	18	0	168
22	320	0	219	101	131	12	0	167
23	323	0	220	105	61	0	0	174
24	324	0	221	97	0	0	0	172
25	322	0	230	91	0	23	0	164
26	323	0	229	96	19	28	0	174
27	325	0	230	91	150	27	0	171
28	332	0	229	89	153	28	0	177
29	334	0	230	108	157	27	0	175
30	333	0	228	50	163	0	0	188
31	328	..	..	68	..	0	0	..
Mean	195	172	125	132	100	84	0	127
Max.	334	316	230	224	163	219	0	188
Min.	0	0	0	50	0	0	0	0
A. F.	13299	10243	7440	8119	5920	5155	0	7576

Water diverted 57752 A. F.

(See next page for summary in acre-feet of Thirty Mile Canal.)

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

THIRTY MILE CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	April	May	June	July	Aug.	Sept.	Total
Diverted from Platte River	13299	10243	7440	8119	5920	5155	0	7576	57752
Waste to Platte River:—									
Little Wasteway No. 1	*	*	*	428	294	141	0	424	1287
Middle Wasteway No. 2	*	*	*	811	536	264	0	526	2137
Henderson Wasteway									
No. 3.....	*	*	*	821	732	413	0	232	2198
Darr Wasteway	*	*	*	*	799	452	0	847	2098
Total waste	*	*	*	2060	2361	1270	0	2029	7720
Diverted for Six Mile Canal	329	0	0	0	0	323	0	0	652
Net diversion	12970	10243	7440	6059	3559	3562	0	5547	49380

Area reported 23129 acres.

Net diversion 49380 A. F.

Per acre 2.14 A. F.

No storage diversions.

*No record.

Acreage Reported	320
A-2077	3555
A-1976	19254
A-1853	

Total 23129

SIX MILE CANAL

Area reported 943 acres.

Water diverted 652 A. F.

Per acre 0.69 A. F.

No storage diversions.

Acreage Reported	943
D-680	

TRI-STATE CANAL

Diversions by the Farmers Irrigation District and the Northport Irrigation District from North Platte River and Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	237	0	759	609	954	885
2	65	0	769	709	969	811
3	0	0	781	785	969	743
4	0	0	757	820	967	729
5	0	0	761	860	967	721
6	0	0	757	872	962	701
7	0	0	755	883	958	705
8	0	0	786	883	950	695
9	0	0	878	872	946	661
10	0	0	916	933	944	663
11	0	88	908	981	944	663
12	0	129	895	983	960	645
13	0	207	891	971	958	635
14	0	288	861	971	990	609
15	0	533	836	973	1002	601
16	0	717	891	988	1000	601
17	0	498	891	979	1000	577
18	0	399	887	973	996	559
19	0	0	891	952	973	559
20	0	0	874	795	969	549
21	0	0	870	887	963	510
22	0	0	861	906	948	495
23	0	0	799	851	937	493
24	0	0	775	837	935	453
25	0	0	591	883	935	433
26	0	0	575	891	929	476
27	0	265	559	895	931	431
28	0	516	547	883	923	379
29	0	673	593	860	921	334
30	0	711	579	878	923	325
31	0	643	...	906	897	...
Mean	151	437	775	886	955	588
Max.	237	717	916	988	1002	885
Min.	0	0	547	609	897	325
A. F.	599	11240	46598	54485	58751	34990

Water diverted 204663 A. F.

TRI-STATE LATERAL NO. 1
Diverted from North Platte

Date	May	June	July	Aug.	Sept.
1	0	6	3	3	4
2	0	0	4	4	4
3	0	0	3	3	2
4	0	0	3	3	1
5	0	0	2	3	1
6	0	0	2	4	3
7	0	0	2	3	3
8	0	0	2	3	4
9	0	4	4	2	4
10	0	4	0	3	4
11	0	3	2	3	4
12	0	5	3	4	3
13	0	4	4	4	2
14	0	5	4	4	3
15	4	4	4	5	2
16	3	4	4	5	2
17	0	4	4	5	1
18	0	4	1	0	1
19	0	4	3	3	1
20	0	3	3	3	0
21	0	3	3	3	0
22	0	4	4	3	0
23	0	3	4	3	0
24	0	3	4	3	0
25	0	3	4	3	0
26	0	3	4	4	0
27	0	4	4	4	0
28	0	4	4	3	0
29	0	4	3	3	0
30	0	4	3	4	0
31	0	3	3	4	0
Mean	0	4	3	3	3
Max.	4	5	4	5	4
Min.	0	0	0	0	0
A. F.	167	184	206	107	

Water diverted 682 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

TRI-STATE LATERAL NO. 2
Diverted from North Platte River and
Pathfinder Reservoir

Date	May	June	July	Aug.	Sept.
1	0	7	7	0	4
2	0	7	8	5	4
3	0	8	7	4	4
4	0	4	7	3	3
5	0	5	7	4	3
6	0	5	7	3	4
7	0	4	7	3	3
8	0	5	5	3	3
9	0	5	5	3	3
10	0	5	5	5	3
11	0	5	5	3	3
12	0	5	4	0	4
13	0	5	4	0	4
14	0	5	7	0	4
15	0	5	4	6	4
16	0	5	4	4	4
17	1	5	4	4	4
18	4	5	5	4	4
19	0	5	4	4	4
20	0	5	2	4	4
21	0	5	5	4	4
22	0	5	4	4	4
23	0	5	3	4	4
24	0	5	2	5	4
25	0	5	0	6	3
26	0	5	6	4	4
27	0	5	3	4	3
28	0	8	3	4	2
29	0	8	3	4	0
30	0	8	3	4	0
31	7	..	0	4	..
Mean	4	6	5	4	4
Max.	7	8	8	6	4
Min.	0	4	0	0	0
A. F.	24	325	278	216	200
Water diverted	1043 A. F.				

TRI-STATE LATERAL NO. 3
Diverted from North Platte
River and Pathfinder Reservoir

May	June	July	Aug.	Sept.
0	1	2	3	1
0	1	2	2	1
0	1	2	2	0
0	1	3	2	0
0	0	3	0	0
0	0	2	1	0
0	0	2	0	0
0	0	2	0	0
0	2	2	3	0
0	2	2	3	0
0	3	3	4	0
0	3	3	0	0
0	3	4	3	0
0	3	4	2	0
0	3	4	2	0
0	4	4	2	0
0	4	0	2	0
0	3	0	2	0
0	3	2	3	0
0	2	2	2	0
0	2	2	2	0
0	3	2	2	0
0	3	2	2	0
0	4	4	4	1
0	0	0	0	0
0	2	2	1	0
0	..	2	1	..
0	3	2	2	1
0	4	4	4	1
0	0	0	0	0
0	125	143	115	4
Water diverted	287 A. F.			

TRI-STATE CANAL
Diverted from Akers Draw

Date	Oct.	May	June	July	Aug.	Sept.
1	10	9	9	10	11	14
2	5	9	9	10	11	20
3	0	9	9	10	12	20
4	0	9	9	10	12	19
5	0	9	9	10	12	14
6	0	9	9	10	12	14
7	0	9	9	10	12	14
8	0	9	9	10	12	14
9	0	9	9	10	12	14
10	0	9	9	10	12	14
11	0	9	9	10	12	14
12	0	9	9	10	12	14
13	0	9	9	11	11	14
14	0	9	9	11	11	14
15	0	9	9	11	11	14
16	0	9	9	11	11	12
17	0	9	9	11	12	12
18	0	9	9	11	13	12
19	0	9	9	11	14	12
20	0	9	9	11	14	12
21	0	9	9	11	14	12
22	0	9	9	11	14	12
23	0	9	10	11	14	12
24	0	9	10	11	14	12
25	0	9	10	11	14	13
26	0	9	10	10	14	14
27	0	9	10	10	14	15
28	0	9	10	11	14	16
29	0	9	10	11	14	16
30	0	9	10	11	14	16
31	0	9	..	11	14	..
Mean	7	9	9	11	13	14
Max.	10	9	10	11	14	20
Min.	0	9	9	10	11	12
A. F.	30	553	551	649	780	843
Water diverted	3406 A. F.					

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

TRI-STATE CANAL						
Date	Diverted from Sheep Creek					
	Oct.	May	June	July	Aug.	Sept.
1	83	0	0	62	66	90
2	20	0	0	62	68	90
3	0	0	55	65	68	109
4	0	0	51	65	68	101
5	0	0	49	65	66	98
6	0	0	48	61	65	90
7	0	0	49	62	65	87
8	0	0	51	60	66	87
9	0	0	50	59	67	84
10	0	0	50	61	67	84
11	0	0	50	58	71	86
12	0	0	50	61	68	91
13	0	0	51	58	69	96
14	0	0	51	66	72	99
15	0	52	51	69	75	91
16	0	52	52	65	74	91
17	0	0	52	64	76	89
18	0	0	53	69	78	87
19	0	0	61	66	77	89
20	0	0	60	17	76	88
21	0	0	62	0	76	92
22	0	0	58	0	78	90
23	0	0	51	0	78	89
24	0	0	17	0	81	90
25	0	0	0	0	82	90
26	0	0	0	0	97	90
27	0	0	0	0	93	89
28	0	53	0	0	92	88
29	0	54	0	0	98	88
30	0	14	0	0	90	88
31				69	89	..
Mean	52	45	51	61	76	97
Max.	83	54	62	69	98	109
Min.	0	0	0	0	65	84
A. F.	204	446	2225	2547	4673	5397
Water diverted 15492 A. F.						

TRI-STATE CANAL						
Date	Diverted from Wet Spotted Tail Creek					
	Oct.	May	June	July	Aug.	Sept.
1	32	10	12	16	18	28
2	16	9	12	16	18	29
3	0	10	12	29	18	44
4	0	11	11	18	18	40
5	0	11	11	17	17	40
6	0	12	11	17	18	37
7	0	11	11	26	18	37
8	0	11	13	16	17	38
9	0	10	12	13	19	38
10	0	10	12	13	18	38
11	0	10	12	12	18	41
12	0	9	10	10	18	43
13	0	10	9	10	17	44
14	0	9	11	13	18	41
15	0	10	13	14	18	38
16	0	10	13	18	18	36
17	0	13	13	23	18	36
18	0	11	13	23	17	35
19	0	12	12	18	18	34
20	0	40	12	59	19	32
21	0	14	14	31	13	30
22	0	13	11	21	18	30
23	0	12	12	21	19	29
24	0	12	12	21	19	29
25	0	11	16	20	21	29
26	0	26	14	21	22	28
27	0	13	14	21	25	27
28	0	12	15	21	24	28
29	0	12	15	21	24	29
30	0	14	15	20	24	28
31	0	15	..	19	23	..
Mean	24	13	12	20	19	35
Max.	32	40	16	59	25	44
Min.	0	9	9	10	17	27
A. F.	95	780	740	1226	1180	2055
Water diverted 6076 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

TRI-STATE CANAL							TRI-STATE CANAL		
Diverted from Tub Springs							Diverted from Alliance Drain		
Date	Oct.	May	June	July	Aug.	Sept.	Oct.	Aug.	Sept.
1	44	0	0	0	37	1	14	19	27
2	22	0	0	25	37	2	13	20	28
3	0	0	0	16	38	2	0	20	27
4	0	0	0	0	38	0	0	21	27
5	0	0	0	0	37	0	0	21	7
6	0	0	0	0	35	0	0	21	0
7	0	0	15	0	34	0	0	21	0
8	0	0	15	0	32	0	0	21	0
9	0	0	15	23	34	0	0	21	0
10	0	0	16	30	39	0	0	21	0
11	0	0	16	30	31	0	0	23	0
12	0	10	17	30	32	0	0	24	0
13	0	11	17	30	33	0	0	24	0
14	0	11	18	31	33	0	0	24	0
15	0	12	17	31	20	0	0	24	0
16	0	11	18	26	1	0	0	12	0
17	0	0	18	31	1	0	0	0	0
18	0	0	19	14	1	0	0	0	0
19	0	0	20	34	1	0	0	0	0
20	0	0	24	21	0	1	0	0	0
21	0	0	21	0	1	1	0	5	0
22	0	0	15	0	0	0	0	20	0
23	0	0	0	0	1	0	0	20	0
24	0	0	0	0	2	0	0	20	0
25	0	0	0	0	1	24	0	24	0
26	0	0	0	0	1	43	0	26	0
27	0	0	0	0	1	42	0	26	0
28	0	0	0	0	1	41	0	26	20
29	0	0	0	24	1	42	0	27	20
30	0	0	0	37	1	39	0	26	20
31	0	0	..	37	1	..	0	26	..
Mean	33	11	16	29	18	22	13	22	22
Max.	44	12	24	37	39	39	14	27	28
Min.	0	0	0	0	0	0	0	0	0
A. F.	131	109	557	976	1041	474	54	1154	349
Water diverted	3288 A. F.						1357 A. F.		

TRI-STATE CANAL
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River:—							
At rating station.....	599	11240	46598	54485	58751	34990	208663
Lateral No. 1.....	0	18	167	184	206	107	682
Lateral No. 2.....	0	24	325	278	216	200	1043
Lateral No. 3.....	0	0	125	151	115	4	395
Total from North Platte River.....	599	11282	47215	55098	59288	35301	208783
Diverted from Drains:—							
Sheep Creek.....	204	446	2225	2547	4673	5397	15492
Akers Draw.....	30	553	551	649	780	843	3406
Tub Springs.....	131	109	557	976	1041	474	3288
Spotted Tail Creek, Dry.....	99	0	0	0	0	0	99
Spotted Tail Creek, Wet.....	95	780	740	1226	1180	2055	6076
Moffat Drain.....	0	0	0	0	0	0	0
Alliance Drain.....	54	0	0	0	1154	349	1557
Total diversion.....	1212	13170	51288	60496	68116	44419	238701
Wasted to:—							
Toohay Spillway.....	0	282	0	73	0	0	355
Mitchell Spillway.....	0	827	46	0	0	480	1353
Nine Mile Drain.....	0	0	179	0	0	803	982
Red Willow Creek.....	0	1626	0	30	0	2588	4244
Total waste.....	0	2735	225	103	0	3871	6934
Net diverted.....	1212	10435	51063	60393	68116	40548	231767
Diverted for Northport Irrigation District....	377	297	12429	13904	17352	4393	48752
Net for Farmers Irrigation District.....	835	10138	38634	46489	50764	36155	183015

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

TRI-STATE CANAL—D-918						
Date	Daily Diversions from All Sources					
	Oct.	May	June	July	Aug.	Sept.
1	306	19	551	538	852	803
2	94	18	555	658	813	741
3	0	19	619	652	813	719
4	0	20	588	660	811	713
5	0	20	590	696	806	746
6	0	21	585	703	799	744
7	0	20	598	723	794	746
8	0	20	617	710	783	742
9	0	19	702	717	784	722
10	0	19	743	785	793	724
11	0	102	737	828	787	729
12	0	149	725	827	800	719
13	0	225	720	815	794	715
14	0	301	696	818	832	689
15	0	585	673	783	828	670
16	0	759	728	802	793	667
17	0	499	727	792	797	641
18	0	404	726	799	795	621
19	0	21	737	801	774	621
20	0	49	724	657	769	610
21	0	23	720	687	780	574
22	0	22	698	696	768	556
23	0	21	619	643	759	552
24	0	21	565	630	761	515
25	0	20	460	671	768	519
26	0	35	444	683	778	579
27	0	272	428	685	779	533
28	0	561	422	675	769	502
29	0	711	465	687	774	460
30	0	673	451	703	767	446
31	0	538	...	791	784	...
Mean	200	200	610	720	790	644
Max.	306	759	743	818	852	803
Min.	0	18	422	538	759	446
A. F.	793	12270	36919	44262	48604	38317
Water diverted	181165 A. F.					

TRI-STATE CANAL—D-918
SUMMARY IN ACRE-FEET

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted for D-918 from all sources.....	793	12270	36919	44262	48604	38317	181165
Waste	0	2735	225	103	0	3871	6934
Net for D-918.....	793	9535	36694	44159	48604	34446	174231
Area reported 61324 acres.							Acreage Reported
Net diverted 174231 A. F., including storage water.							D-918 61324
Per acre 2.84 A. F.							
Total storage diversions [redacted] A. F.							

17925

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

TRI-STATE CANAL—A-660						
Daily Diversions from All Sources						
Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	29	28	45	36
2	5	0	29	35	35	33
3	0	0	33	34	35	32
4	0	0	31	35	35	32
5	0	0	31	37	35	33
6	0	0	31	37	35	33
7	0	0	31	38	35	33
8	0	0	32	37	35	33
9	0	0	37	38	35	32
10	0	0	39	41	35	32
11	0	5	39	43	35	32
12	0	8	38	43	35	32
13	0	12	38	43	35	32
14	0	16	37	43	37	31
15	0	31	35	41	37	30
16	0	40	38	42	35	30
17	0	26	38	42	35	29
18	0	22	38	42	35	28
19	0	0	39	42	34	28
20	0	0	38	35	34	27
21	0	0	38	36	35	26
22	0	0	37	37	34	25
23	0	0	33	34	34	25
24	0	0	30	33	34	23
25	0	0	24	35	34	23
26	0	0	23	36	35	26
27	0	15	23	36	35	24
28	0	29	22	36	34	22
29	0	37	24	36	34	20
30	0	35	24	37	34	20
31	0	28	..	42	35	..
Mean	11	23	33	38	35	28
Max.	17	40	39	43	45	36
Min.	0	0	22	28	34	20
A. F.	44	603	1942	2329	2162	1710

Area reported 4013 acres.
Water diverted 8790 A. F. including storage.
Per acre 2.19 A. F.
Total storage diversions 2874 A. F.

UNION CANAL						
Diversed from Blue Creek and Crescent Lake—A-1575						
Date	Oct.	Nov.	May	June	July	Aug. Sept.
1	8	6	0	0	11	13 15
2	8	5	0	0	13	11 7
3	8	0	0	0	11	11 0
4	8	0	0	0	0	16 0
5	8	0	0	0	0	17 0
6	9	0	0	0	0	17 0
7	8	0	0	0	0	17 0
8	7	0	0	0	0	17 0
9	7	0	0	0	10	17 0
10	8	0	0	0	13	14 0
11	9	0	0	5	6	0 0
12	11	0	0	6	6	0 0
13	11	0	0	4	7	0 0
14	12	0	0	7	7	0 0
15	12	0	0	12	7	0 0
16	12	0	0	11	9	0 0
17	12	0	0	9	4	0 0
18	11	0	0	7	32	7 0
19	11	0	0	6	3	13 0
20	11	0	0	6	8	19 0
21	10	0	0	19	7	9 0
22	10	0	0	13	6	0 0
23	9	0	0	10	13	0 0
24	9	0	0	8	13	0 0
25	9	0	0	6	9	0 0
26	8	0	0	10	13	0 0
27	8	0	0	2	13	0 0
28	7	0	0	8	11	12 0
29	7	0	0	13	11	16 0
30	6	0	0	11	13	16 0
31	6	..	0	..	13	16 ..
Mean	9	5	0	9	10	14 11
Max.	12	6	0	19	32	19 15
Min.	6	0	0	0	0	0 0
A. F.	555	22	0	343	534	512 22

Area reported 1233 acres.
Water diverted 1988 A. F.
Per acre 1.61 A. F.
No storage diversions.

Acreage Reported
D-763 1233

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Continued

WINTERS CREEK CANAL Diverted from North Platte River						
Date	May	June	July	Aug.	Sept.	
1	0	30	10	18	9	
2	0	13	21	28	8	
3	0	13	15	28	7	
4	0	12	15	25	3	
5	0	12	17	22	2	
6	0	13	18	20	0	
7	0	14	18	13	0	
8	0	18	17	19	0	
9	0	25	16	24	0	
10	0	24	16	25	0	
11	0	25	14	26	3	
12	0	25	16	27	5	
13	0	21	16	28	2	
14	0	18	15	6	6	
15	0	14	15	0	1	
16	0	12	11	0	10	
17	0	25	12	13	11	
18	0	17	12	23	10	
19	0	20	12	20	8	
20	0	25	10	20	8	
21	0	34	7	20	8	
22	0	45	6	19	7	
23	0	28	6	18	7	
24	0	6	5	19	7	
25	0	7	10	19	5	
26	0	6	13	18	5	
27	0	2	13	14	12	
28	0	0	12	16	13	
29	0	0	11	17	12	
30	23	0	14	9	12	
31	40	..	15	7	..	
Mean	32	19	13	19	7.2	
Max.	40	45	21	28	1	
Min.	0	0	5	0	0	
A. F.	125	1600	869	1113	359	
Water diverted	3406 A. F.					

WINTERS CREEK CANAL Diverted from Winters Creek					
May	June	July	Aug.	Sept.	
0	21	8	39	30	
0	20	12	40	28	
0	17	12	39	6	
0	20	9	41	0	
0	21	11	39	0	
0	26	41	42	0	
0	37	23	38	0	
0	40	20	44	0	
0	41	18	44	0	
0	37	28	45	0	
0	32	37	44	0	
0	31	32	45	0	
0	27	36	48	0	
0	23	36	13	9	
0	18	36	0	11	
2	14	34	0	9	
2	13	26	29	7	
2	18	26	46	6	
2	13	30	44	5	
6	4	30	38	17	
6	12	28	35	25	
0	10	10	36	32	
0	7	0	41	42	
0	0	6	36	41	
0	0	17	37	44	
0	0	25	36	45	
0	0	28	33	51	
0	8	25	35	51	
0	10	22	34	51	
10	8	29	43	27	
18	..	34	42	..	
6	20	25	39	27	
18	41	41	48	51	
0	0	0	0	0	
95	1047	1466	2232	1085	
Water diverted	5926 A. F.				

WINTERS CREEK LATERAL Diverted from Winters Creek						
Date	Oct.	Nov.	June	July	Aug.	Sept.
1	*	*	0	4	11	11
2	*	*	0	4	18	0
3	*	*	0	5	12	0
4	*	*	3	4	6	0
5	*	23	6	6	9	0
6	*	*	9	11	8	0
7	12	*	12	16	7	0
8	*	*	3	3	10	0
9	*	*	12	7	7	0
10	*	*	20	9	7	0
11	*	*	16	2	0	0
12	*	*	14	1	5	0
13	*	*	13	4	8	0
14	*	*	11	8	0	0
15	*	*	11	3	0	0
16	*	*	1	7	0	1
17	*	*	0	0	7	5
18	*	*	0	0	7	4
19	*	*	7	0	7	2
20	*	*	8	0	6	4
21	20	*	6	0	7	12
22	*	21	9	0	7	11
23	*	*	11	4	0	11
24	*	*	11	0	7	17
25	*	*	5	0	3	18
26	*	*	6	0	8	19
27	*	*	5	0	6	19
28	*	*	6	4	5	20
29	*	*	1	2	10	19
30	*	*	1	7	8	13
31	*	..	..	13	10	..
Mean	*	*	8.4	6.4	8.0	11
Max.	*	*	22	16	18	20
Min.	*	*	0	0	0	0
A. F.	*	*	417	266	442	385
Water diverted	1510 A. F.					

*Diverting for manufacturing purposes during October to November only. Incomplete record.

WINTERS CREEK CANAL Diverted from Minatare Drain					
May	June	July	Aug.	Sept.	
0	1	3	4	3	
0	1	3	4	3	
0	1	2	4	0	
0	1	2	4	0	
0	1	2	4	0	
0	1	2	3	0	
0	1	2	3	0	
0	1	2	3	0	
0	2	3	3	0	
0	2	3	3	0	
0	3	3	0	6	
0	3	3	2	6	
0	3	4	3	6	
0	3	4	2	6	
0	3	4	2	6	
0	4	4	2	6	
0	4	5	2	6	
0	4	5	3	6	
0	4	5	3	6	
0	4	5	3	6	
0	3	5	3	6	
0	3	4	3	6	
0	3	4	3	6	
0	3	4	3	5	
0	..	4	3	..	
0	2.4	3.5	3.2	5.5	
0	5	5	4	6	
0	1	2	0	0	
0	145	212	180	218	
Water diverted	755 A. F.				

DISCHARGE OF CANALS IN SECOND-FEET, 1938—Concluded.

WINTERS CREEK CANAL						
Diverted from Scottsbluff Drain No. 1						
Date	May	June	July	Aug.	Sept.	
1	0	0	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	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	2	0	0	
13	0	0	2	0	0	
14	0	0	2	0	0	
15	0	0	0	0	0	
16	0	0	1	0	0	
17	0	0	0	0	0	
18	0	0	0	0	0	
19	0	0	2	1	0	
20	0	0	1	1	0	
21	0	0	0	1	0	
22	0	0	0	1	0	
23	0	0	2	1	0	
24	0	0	2	0	0	
25	0	0	2	0	0	
26	0	0	2	0	0	
27	0	0	2	0	0	
28	0	0	2	1	0	
29	0	0	2	1	0	
30	0	0	2	1	0	
31	0	..	1	1	..	
Mean	0	0	1.8	0.5	0	
Max.	0	0	2	1	0	
Min.	0	0	0	0	0	
A. F.	0	0	54	28	0	
Water diverted 32 A. F.						

WINTERS CREEK CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
Diverted from:—						
North Platte River.....	125	1000	809	1113	359	3406
Winters Creek:—						
Main canal.....	95	1047	1466	2233	1085	5926
Factory lateral.....	0	417	266	442	385	1510
Minatare Drain.....	0	145	212	189	218	755
Scottsbluff Drain No. 1.....	0	0	54	28	0	82
Total diverted.....	220	2609	2807	3996	2047	11679
Waste:—						
Main Canal to:—						
Winters Creek.....	48	93	64	56	39	291
Scottsbluff Drain No. 1.....	4	64	69	71	54	262
Factory Lateral to:—						
Winters Creek.....	4	38	54	0	0	96
Total waste.....	56	195	187	127	84	649
Net for irrigation.....	164	2414	2620	3869	1963	11030

Area reported 4512 acres.
Net diverted 11030 A. F.
Per acre 2.44 A. F.

Acres Reported
D-952 4512

INDEX

Part I—BUREAU OF ROADS AND BRIDGES

NOTE:—THE TWENTY-SECOND BIENNIAL REPORT OF THE DEPARTMENT OF ROADS AND IRRIGATION is composed of two parts: Part I, THE REPORT OF THE BUREAU OF ROADS AND BRIDGES, and Part II, THE REPORT OF THE BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE. This report has been bound and issued in three different volumes: (a) The complete report, consisting of both Part I and Part II. (b) Part I alone, consisting of pages 1-212. (c) Part II alone, consisting of all pages following 212.

In those copies of Part II alone, this index for Part I is included although the remainder of Part I (pages 1-212) has been omitted.

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Alliance Canal—Bayard Sugar Factory Drain....	...	532	592	836	901
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		1937	1938	1937	1938
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Hollingsworth Canal—South Platte River.....	...	555	615	858	925
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Hopeful Canal—Lawrence Fork.....	615
Horse Creek Canal—Horse Creek.....	...	556	615
Horse Creek	373	443	495	730	788
Howard Canal—Lodgepole Creek.....	...	556	616
Hughes Canal—Niobrara River.....	...	556	616
Hurley-Lilly-Polly Canal—Lodgepole Creek.....	...	556	616	860	926

I

Independent Canal—Lodgepole Creek.....	...	557	616	...	...
Indian Creek .....	...	444	495	731	789
Inman Canal—Frenchman River.....	...	557	617	860	927
Interstate Canal—North Platte River.....	...	...	...	860	927
Island Lake .....	...	526	529	...	...

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
		J			
Janssen Canal—Pawnee Creek.....	557	...	...	...	...
Jim Creek	444	496	...	...	...
Johnson Canal—Lodgepole Creek.....	557	617	...	...	...
Johnson Canal—Niobrara River.....	557	617	...	...	...
Jones Lake	526	529	...	...	...
Jordan Canal—Monroe Creek.....	558	617	...	...	...
Jordan Canal—Sow Belly Creek.....	558	...	...	...	...

K

Kay Canal—Niobrara River.....	...	617	...	...	...
Kearney Canal—Platte River.....	558	617	861	928	...
Kearney Canal—Buffalo Creek.....	...	...	861	...	...
Kearney Canal—Elm Creek.....	...	...	862	...	...
Kearney Power Waste.....	...	496	731	789	...
Keith-Lincoln County Canal—North Platte River..	559	618	863	929	...
Keith-Lincoln County Drain.....	...	496	...	...	...
Keith-Lincoln County Waste.....	445	496	732	790	...
Kelso Canal—Big Bordeaux Creek.....	559	618	...	...	...
Kent-Burke Canal—Pawnee Creek.....	559	...	864	...	...
Keystone Canal—White Tail Creek.....	559	...	864	...	...
Kimball Canal—Lodgepole Creek.....	560	618	864	930	...
King Canal—Lawrence Fork Creek.....	...	619	...	...	...
Kinney Canal—Lodgepole Creek.....	560	619	866	931	...
Kite Canal—Monroe Creek.....	560	619	...	...	...
Kreuger Canal—Lodgepole Creek.....	561	620	...	...	...

L

Lakes, Sandhill:

Bean Lake	525	528	...	...	...
Blue Lake	525	528	...	...	...
Crane Lake	525	528	...	...	...
Crescent Lake	525	528	...	...	...
Deer Lake	526	528	...	...	...
Gimlet Lake	526	529	...	...	...
Goose Lake	526	529	...	...	...
Hackberry Lake	526	529	...	...	...
Harrison Lake	526	529	...	...	...
Island Lake	526	529	...	...	...
Jones Lake	526	529	...	...	...
Roundup Lake	526	530	...	...	...
Rush Lake	527	530	...	...	...
Smith Lake	527	530	...	...	...
Swan Lake	527	530	...	...	...

BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE 983

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Labelle Canal—Niobrara River.....	561	620	...	...	...
Laing Canal—Lawrence Fork.....	...	621	...	...	...
Lakotah Canal—Niobrara River.....	561	621	...	...	...
Lamore Canal—North Platte River.....	...	621	...	932	...
Lane Drain	445	497	732	790	...
Larabee Creek	445	497	...	...	...
Last Chance Canal—Pumpkinseed Creek.....	562	621	867	932	...
Lawrence Fork Creek.....	445	497	...	...	...
Leander Creek	446	...	...	...	...
Lee Canal—Gordon Creek.....	562	...	...	...	...
Lewellen Drain	446	...	733	...	...
Libby Canal—Lodgepole Creek.....	562	621	...	...	...
Lichte Canal—Niobrara River.....	...	622	...	...	...
Lincoln County Drain No. 1.....	446	497	733	791	...
Lincoln County Drain No. 2.....	446	497	734	791	...
Lisco Canal—Cold Water Creek.....	...	...	868	932	...
Lisco Canal—North Platte River.....	562	622	867	933	...
Lodgepole Creek:					
Below Barrett Dam.....	451	...	...	...	...
Above Bennett Reservoir.....	447	498	...	...	...
Below Bennett Reservoir.....	448	499	...	...	...
Above Bluhm Dam.....	450	...	...	...	...
Below Bluhm Dam.....	450	500	...	...	...
Passing Booth Dam.....	450	500	...	...	...
Passing Bordwell Canal.....	449	...	...	...	...
Passing Borquist Dam.....	449	...	...	...	...
Bushnell	373	...	734	792	...
Chappell	451	501	...	...	...
Passing Christensen Dam.....	448	...	...	...	...
Passing Geo. Dickinson Dam.....	451	...	...	...	...
Dix	448	499	...	...	...
Over Howard Dam.....	450	500	...	...	...
Kimball	447	498	...	...	...
Above Kreuger Canal.....	449	499	...	...	...
Below Kreuger's Lake.....	449	499	...	...	...
Below LaGrange Dam.....	449	500	...	...	...
At Libby Dam.....	451	...	...	...	...
Lodgepole	451	501	...	...	...
Below McIntosh Canal.....	448	...	...	...	...
Below McLaughlin Dam.....	450	...	...	...	...
Above Oliver Reservoir.....	447	498	...	...	...
Below Oliver Reservoir.....	447	498	735	792	...
Patenburg Dam	449	...	...	...	...
Potter	448	499	...	...	...

	Gaging Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Lodgepole Creek, Continued:					
Ralton .....	...	452	501	...	...
Rock Pile, Sec. 33-14-48.....	...	449	500	...	...
Passing Ruttner Dam.....	...	450	...	...	...
Sidney .....	...	448	499	...	...
Sunol .....	...	450	500	...	...
At Tobin Dam.....	...	451	500	...	...
Wyoming-Nebraska Line .....	...	446	498	...	...
Logan Canal—North Platte River.....	...	...	623	...	...
Logan Canal—Pumpkinseed Creek.....	...	562	622	...	...
Lonergan Creek .....	...	452	501	735	793
Lonergan Canal—Lonergan Creek.....	...	562	623	869	934
Lost Creek .....	...	452	501	736	793
Loup River—Columbus	373	452	502	736	794
Loup River, Middle:					
Arcadia	374	453	503	738	795
Boelus	375	454	504	739	796
Comstock .....	...	453	...	737	...
Loup City	375	454	503	738	795
Rockville .....	...	...	503	...	...
Sargent	374	453	502	737	794
St. Paul	376	454	504	739	796
Loup River, North:					
Burwell	377	455	504	740	797
Ord	377	456	504	741	798
Scotia	377	456	505	741	798
St. Paul	378	457	505	742	799
Taylor	376	455	504	740	797
Loup River, South:					
Callaway .....	...	457	505	...	799
Pleasanton .....	...	457	...	...	...
Lyngholm Canal—Lodgepole Creek.....	...	...	623	...	...
Lyons Canal—North Platte River.....	...	563	623	869	934
McAuliffe Canal—Lodgepole Creek.....	...	563	623	...	...
McCarthy Canal—White Tail Creek.....	...	563	...	870	934
McFadden Canal—Willow Creek.....	...	563	...	...	...
McFarland Canal—White Clay Creek.....	...	563	...	...	...
McGinley-Stover Canal—Niobrara River.....	...	563	624	...	...
McGuire Slough .....	...	457	505	...	...
McIntosh Canal—Lodgepole Creek.....	...	564	624	...	935
McLaughlin Canal—Lodgepole Creek.....	...	564	624	...	...
McLaughlin Canal—Niobrara River.....	...	564	625	...	...
McMannis-Neeland Canal—Niobrara River.....	...	564	...	...	...

BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE 985

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Maranville Canal—Frenchman River.....	...	564	625	870	935
Medicine Creek	378	457	505	742	800
Meeker Canal—Republican River.....	...	565	625	871	936
Meglemre Canal—Greenwood Creek.....	625	...	...
Melbeta Drain	458	506	743	800
Meredith-Ammer Canal—Pumpkinseed Creek.....	...	565	626	871	936
Meridian Canal—Niobrara River.....	...	565	626	...	...
Mettlen Canal—Niobrara River.....	...	565	626	...	...
Middle Loup Public Power & Irrigation District, Canal No. 1, Middle Loup River.....	626	...	937
Middle Loup Public Power & Irrigation District, Canal No. 2, Middle Loup River.....	627	...	937
Middle Loup Public Power & Irrigation District, Canal No. 3, Middle Loup River	627	...	937
Middle Loup Public Power & Irrigation District, Canal No. 4, Middle Loup River	627	...	937
Midland-Overland Canal—North Platte River.....	...	565	628	872	938
Miller Canal—Skunk Creek.....	...	566	...	...	...
Minatare Canal—North Platte River.....	...	566	628	872	938
Minatare Canal Waste.....	506	...	801
Minnehaduzza Creek	458	506	...	...
Mitchell Canal—Lane Drain.....	629	...	...
Mitchell Canal—North Platte River.....	...	566	628	873	939
Mitchell Factory Waste.....	...	458	506	743	801
Mitchell Spillway—Tri-State Canal, Sec. 35-23-56 W.	...	458	507	744	802
Monroe Canal—Monroe Creek.....	...	567	629	...	...
Monroe Creek—Above Monroe Canal.....	...	459	507	...	...
Monroe Creek—Below Monroe Canal.....	...	459	507	...	...
Montague Canal—Niobrara River.....	630	...	...
Montgomery Canal—Sow Belly Creek.....	...	567	630	...	...
Moore Canal—Niobrara River.....	...	567	630	...	...
Muddy Creek	459	507	...	...
Mutual Canal—Pumpkinseed Creek.....	...	568	630	873	939

N

Nasland Canal—Lodgepole Creek.....	...	568	631	...	...
Nelson Canal—Greenwood Creek.....	...	...	631	...	...
Neuman Canal—Lodgepole Creek.....	...	568	631	...	...
Niehus Canal—Lawrence Fork Creek.....	...	...	631	...	...
Nine Mile Canal—North Platte River.....	...	568	631	874	940
Nine Mile Canal—Nine Mile Drain.....	...	...	632	...	...
Nine Mile Drain.....	379	459	507	744	802

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Niobrara River:					
Agate		460	508	...	...
Dunlap	379	460	508	745	803
Gordon		460	509	...	...
Harrison		459	508	...	...
Marsland		460	508	...	...
Spencer		461	509	...	...
Below Dam at Valentine.....		461	509	...	...
Valentine		460	509	...	...
Verdel	379	...	509	...	803
Below Mouth of Whistle Creek.....		460	508	...	...
Wyoming State Line.....		459	508	...	...
Nissen Canal—Sand Creek.....		...	...	874	940
North Platte Canal—North Platte River.....		569	632	875	941
North Platte Canal Waste to Cook Wasteway, Sec. 26-14-31 W. ....		...	510	746	804
North Platte Canal Waste, North Platte, Sec. 29-14-30 W.		461	509	745	804
North Platte Canal Waste to Scout Creek.....		461	510	746	805
North Platte Power Return.....		...	...	747	805
North Platte River—See PLATTE RIVERS					
Northport Canal—North Platte River.....		569	632	876	942
Northport Canal Waste—Indian Creek.....		...	...	...	806
Northport Canal Waste—Silvernail Drain.....		...	...	...	806
Northport Canal Waste—Upper Dugout Creek....		...	...	...	807
North River Canal—North Platte River.....		569	...	876	...
O					
Oak Creek		461	510	...	...
Oberfelder Canal—Lodgepole Creek		569	632	...	...
Oberfelder Canal—Springs Creek.....		570	633	...	...
O'Donnel Canal—Big Bordeaux Creek.....		570	633	...	...
Old Sow Belly Canal—Sow Belly Creek.....		570	633	...	...
Oliver Reservoir—Lodgepole Cr. (Storage 876, 943)					
Orchard-Alfalfa Canal—Platte River.....		570	633	877	943
Oshkosh Canal—North Platte River.....		571	634	877	944
Otter Creek	380	462	510	747	807
Otter Creek Canal—Otter Creek.....		571	634	878	944
Owasco Canal—Lodgepole Creek.....		571	634	878	944
Owasco Canal (Bay State Lateral)—Lodgepole Cr.		571	634	878	945
Ox Yoke Canal—Ash Creek.....		571	634	...	...
P					
Paisley Canal—Blue Creek.....		572	635	879	946

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Parks Canal—Republican River.....	...	572	635	...	...
Pathfinder Reservoir—See PLATTE RIVERS					
Patrick Canal—Sand Creek.....	...	572	635	880	946
Pawnee Creek .....	...	462	510	748	808
Paxton-Hershey Canal—North Platte River.....	...	572	635	880	946
Paxton-Hershey Waste .....	...	462	...	...	...
Pepper Creek .....	...	462	510	...	...
Persinger Canal—Lodgepole Creek.....	...	573	635	...	...
Peters Canal—Pumpkinseed Creek.....	...	573	636	...	...
Phelan Canal—Rock Creek.....	...	573	...	...	...
Phelps County Canal—Platte River.....	...	...	636	...	947
Pine Creek .....	...	462	...	...	...
Pioneer Canal—Niobrara River.....	...	573	637	...	...
Platte Rivers:					
Platte River, North:					
Into Pathfinder Reservoir.....	...	...	...	655	674
Pathfinder.....(Storage 655, 674)	...	...	...	...	...
Outflow of Pathfinder.....	353	...	...	656	675
Alcova Reservoir.....(Storage 675)	...	...	...	...	...
Into Guernsey Reservoir.....	...	...	...	657	676
Guernsey.....(Storage 656, 676)	...	...	...	...	...
Outflow Guernsey Reservoir.....	353	...	...	657	678
Whalen	353	...	...	658	678
Torrington	354	387	406	658	679
Wyoming-Nebraska Line	355	387	406	659	679
Mitchell	355	388	407	659	680
Minatare	356	389	408	660	680
Bridgeport	357	391	409	660	681
Lisaco	358	392	412	661	681
Oshkosh	358	393	412	661	682
Martin	359	394	413	662	682
Sutherland	360	394	413	662	683
North Platte	361	395	414	663	683
Platte River, South:					
Julesburg	361	396	415	669	684
Ogallala	363	398	418	669	684
North Platte	363	398	418	670	685
Platte River:					
Maxwell .....	...	399	...	...	...
Brady Island .....	...	400	419	670	685
Gothenburg .....	...	401	420	...	...
Cozad .....	...	402	420	671	686
Darr .....	...	402	421	...	...
Overton	364	403	421	671	686

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Platte River, Continued:					
Odessa .....	...	403	422	672	687
Kearney Canal Headgate, Passing.....	...	404	422	...	...
Grand Island	365	404	422	672	687
Duncan	366	404	423	673	688
Ashland	366	405	423	673	688
Plum Creek .....	...	463	511	748	808
Pomeroy Canal—Lodgepole Creek.....	...	573	...	...	...
Potmesil Brothers Canal—Niobrara River.....	...	...	637	...	...
Prairie Dog Creek.....	...	463	...	...	...
Premier Canal—Lodgepole Creek.....	...	574	637	...	...
Pumpkinseed Creek	380	463	511	749	809

R

Radcliffe Canal—Cedar Creek.....	...	574	...	...	...
Ramshorn Canal—North Platte River.....	...	574	637	881	947
Randall Canal—Lawrence Fork Creek.....	...	...	638	...	...
Rasher Canal—White River.....	...	574	638	...	...
Red Willow Creek—Bayard.....	381	...	...	749	809
Red Willow Creek—Below Wild Horse Drain.....	...	465	513	...	...
Red Willow Creek—Red Willow.....	...	465	513	...	...
Republican River:					
North Fork:					
Colorado-Nebraska Line	381	466	513	750	810
Benkelman .....	...	466	513	...	...
South Fork:					
Benkelman	384	466	514	750	810
Max	382	466	514	751	811
Culbertson	382	467	514	751	811
McCook .....	...	467	515	...	...
Bloomington	383	467	515	752	812
Hardy	383	467	515	752	812
Riverside Canal—Frenchman River.....	...	574	638	881	948
Rock Creek .....	...	468	515	...	...
Round House Rock Canal—Pumpkinseed Creek...	...	575	638	881	948
Roundup Lake .....	...	526	530	...	...
Runge Canal—Lodgepole Creek.....	...	575	638	...	...
Rush Creek Canal—North Platte River.....	...	575	...	882	...
Rush Lake .....	...	527	530	...	...
Ruttner Canal—Lodgepole Creek.....	...	575	639	...	...
Ruttner Canal, New—Lodgepole Creek.....	...	575	639	882	949

S

Sand Creek	468	515	753	813
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BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE 989

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Sand Creek Canal—Gravel Creek.....	...	576	640	...	...
Sandhill Lakes—See LAKES					
Sappa Creek	384	468	516	753	813
Sarben Slough	468	516	754	814
Schaefer Reservoir Supply Canal—Sow Belly Creek	...	576	...	...	...
Schlagel Creek	469	...	...	...
Scott Canal—Pumpkinseed Creek.....	640	...	...
Scottsbluff Drain No. 1.....	...	469	516	754	814
Scottsbluff Drain No. 2.....	...	469	516	755	815
Scottsbluff Factory Waste to Winters Creek— Sec. 19-22-54 W.....	517	...	815
Scout Creek	469	517	755	816
Scripter Canal—Clear Creek.....	...	576	...	882	949
Sears Creek	469	...	...	...
Sheep Creek	385	470	517	756	816
Sheldon Canal—East Ash Creek.....	...	576	640	...	...
Shepherd Canal—Squaw Creek.....	...	576	640	...	...
Sheridan-Wilson Canal—North Platte River.....	...	576	640	883	949
Sheridan-Wilson Canal—Sarben Slough.....	883	950
Shilts Cedar Creek Canal—Cedar Creek.....	...	577	...	...	...
Shilts Prairie Dog Canal—Prairie Dog Creek....	...	577	...	...	...
Short Line Canal—North Platte River.....	...	577	640	884	951
Signal Bluff Canal—North Platte River.....	...	577	641	885	951
Simons Canal—Little Cottonwood Creek.....	...	578	641	...	...
Silvernail Drain	470	517	756	817
Six Mile Canal—Platte River.....	...	578	...	885	951
Skunk Creek Canal—Skunk Creek.....	...	578	...	...	...
Skunk Creek	470	517	757	817
Slattery Canal—Jim Creek.....	...	578	641	...	...
Smith Lake	527	530	...	...
Smith-Wheeler Canal—Pumpkinseed Creek.....	...	578	641	886	952
Snake River	470	517	...	...
Soehl Canal—Lonergan Creek.....	...	579	641	886	952
Soldier Creek	471	518	...	...
Soldier Creek Canal—Soldier Creek.....	...	579	642	...	...
Sow Belly Creek.....	...	471	518	...	...
Spohn Canal—North Platte River.....	...	579	642	887	...
Spotted Tail Creek, Dry.....	...	471	518	757	818
Spotted Tail Creek, Wet.....	...	471	518	758	818
Spring Branch Canal—Lawrence Fork.....	642	...	...
Spring Creek	472	519	758	819
Squaw Creek	472	519	...	...
Squaw Creek Canal—Spring Creek.....	642	...	...
Stafford Canal—Willow Creek.....	...	579	...	...	...

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Stinking Water Creek.....		473	519	...	...
Strever Creek		473	520	759	819
Stuart Bros. Canal—Cottonwood Creek.....		579	642	...	...
Stumph Canal—East Ash Creek.....		580	643	...	...
Suburban Canal—North Platte River.....		580	643	887	952
Suburban Canal—Lincoln County Drain No. 1....		580	643	887	953
Sutherland Regulating Reservoir—North Platte River—(Storage 889, 954)					
Sutherland Reservoir Supply Canal—North Platte River		581	644	888	954
Sutherland Reservoir—North Platte River— (Storage 889, 954)					
Swan Lake		527	530	...	...

T

Thirty Mile Canal—Platte River.....		581	644	890	955
Thirty Mile Waste No. 1, Little (or 96) Wasteway		473	520	759	820
Thirty Mile Waste No. 2, Middle Wasteway.....		473	520	760	820
Thirty Mile Waste No. 3, Henderson Wasteway...		473	520	760	821
Thirty Mile Waste No. 4, Darr Wasteway.....		...	520	...	821
Thomas Canal—East Ash Creek.....		581	644	...	...
Thomas Canal—Big Bordeaux Creek.....		581	645	...	...
Thomas-Stuart Canal—Little Cottonwood Creek..		582	645	...	...
Timber Creek		474	520	...	...
Tobin Canal—Lodgepole Creek.....		582	645	...	...
Todd Canal—East Ash Creek.....		...	645	...	...
Toohy Spillway—Tri-State Canal.....		474	521	761	822
Tracy Canal—Lodgepole Creek.....		582	645	...	...
Trinnier Canal—Greenwood Creek.....		582	646	...	...
Tri-State Canal—North Platte River.....		582	646	891	956
Tri-State Canal, Lateral No. 1—North Platte River		583	646	891	956
Tri-State Canal, Lateral No. 2—North Platte River		583	647	891	957
Tri-State Canal, Lateral No. 3—North Platte River		584	647	892	957
Tri-State Canal—Akers Draw.....		584	647	892	957
Tri-State Canal—Sheep Creek.....		584	648	893	958
Tri-State Canal—Dry Spotted Tail Creek.....		585	648	893	...
Tri-State Canal—Wet Spotted Tail Creek.....		585	648	894	958
Tri-State Canal—Tub Springs.....		585	649	894	959
Tri-State Canal—Alliance Drain.....		585	649	895	959
Tri-State Canal, D-918—Diversion from all sources		...	...	896	960
Tri-State Canal, A-660—Diversion from all sources		...	...	897	961
Tri-State Canal Waste into Nine Mile Drain.....		...	...	...	822
Tri-State Canal Waste into Red Willow Creek....		...	...	...	823

BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE 991

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Trunk Butte Creek.....	...	474	521	...	...
Tub Springs	474	521	761	823
Turkey Creek	474	...	...	...

U

Union Canal—Blue Creek.....	...	585	649	897	961
Union Creek	475
Urbach Canal—Lodgepole Creek.....	649

V

Vining Creek	475
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W

Wahoo Creek	475	521
Warbonnett Canal—Warbonnett Creek.....	...	586	650
Warbonnett Creek	475	522
Warneke Canal—Niobrara River.....	...	586	650	...	...
Wearin Canal—Lodgepole Creek.....	...	586	650	...	...
Wertz Bros. Canal—Lodgepole Creek.....	...	586	...	...	...
Western Canal—South Platte River.....	...	586	651	898	962
West Hat Creek Canal—Hat Creek.....	...	587	...	...	...
Whistle Creek .....	...	475	522	...	...
White Clay Creek.....	...	475	522	...	...
White Horse Creek.....	...	476	522	762	824
Whiteman's Fork .....	...	477	523	...	...
White River Canal—White River.....	...	587	651	...	...
White River:					
Chadron	385	477	523	763	825
Crawford	385	476	522	762	824
Above Rasher Canal.....	...	476	...	...	...
Above Whitney Diversion.....	...	476	523	...	...
White Tail Creek.....	...	477	523	763	825
Whitney Pipe Line—White River.....	...	587	...	...	...
Whitney Reservoir—White River—(Storage 898, 962)					
Wickersham Canal—Boggy Creek.....	...	587	651	...	...
Wickersham Reservoir Canal—Boggy Creek.....	...	...	652	...	...
Wickersham Supply Canal—Boggy Creek.....	...	587	...	...	...
Wiegand Canal—Lodgepole Creek.....	...	588	652	...	...
Wilds Canal—Lodgepole Creek.....	...	588	652	...	...
Willow Creek .....	...	477	...	...	...
Winters Creek	386	478	524	764	826

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1937	1938	1937	1938
Winters Creek Canal—Minatare Drain.....	654	...	963
Winters Creek Canal—North Platte River.....	...	588	653	899	963
Winters Creek Canal—Winters Creek.....	...	589	653	899	963
Winters Creek Lateral—Winters Creek.....	...	589	653	899	963
Winters Creek Canal—Scottsbluff Drain No. 1....	...	589	...	900	964
Winters Creek Lateral—Scottsbluff Drain No. 1..	...	589	654	...	...
Winters Creek Canal Waste—Scottsbluff Drain No. 1	826
Winters Creek Canal Waste—Winters Creek.....	...	478	524	764	827
Wolfe Canal—Lodgepole Creek.....	...	590	654	...	...
Wood River	478	524	...	...
Woodruff Canal—Jim Creek.....	...	590	654	...	...

Z

Zerbst Canal—Little Red Creek.....	...	590	...	...	...
Zimmerman Canal—Sow Belly Creek.....	...	590	654	...	...