

TWENTY-FIRST 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

1935-1936

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
Fred Hervert, Office Engineer.....	Bridgeport
A. W. Hall, Senior Hydrographer.....	Bridgeport
A. E. Johnston, Junior Hydrographer.....	Bridgeport
K. I. Ward, Statistician.....	Lincoln
Helen K. Bolt, Bookkeeper.....	Lincoln
Fern Sharp, Clerk-Stenographer.....	Bridgeport
Fern Schwab, Stenographer.....	Lincoln
Kathleen Hyndshaw, Stenographer.....	Bridgeport

WATER COMMISSIONERS

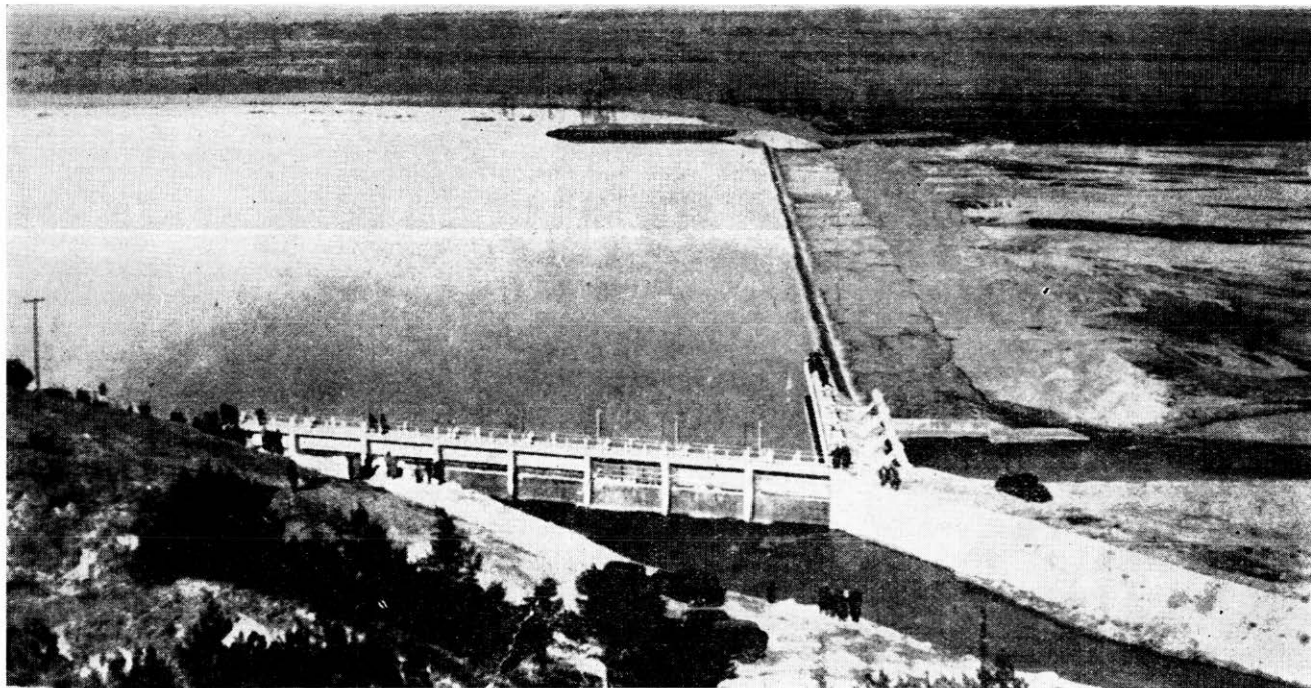
Name and Address	Time Employed			
	1935		1936	
	months	days	months	days
John Rasmussen, Superintendent Div. No. 2, Crawford.....	1	27	1	2
W. F. Chaloupka, Bridgeport.....		12		
S. B. Hanna, Kimball.....		37		21
O. E. Forsling, Kimball*.....				30
C. T. Korell, Culbertson.....		52		
Geo. Gerlach, Culbertson.....				27
(Mr. Gerlach succeeded Mr. Korell)				

ACTING WATER COMMISSIONERS

Louis G. Eckle, Scottsbluff.....	5	16	3	29
Boyd Hanway, Bridgeport.....			1	13
(Mr. Hanway succeeded Mr. Eckle)				
Guy Roberts, Lewellen.....	5		5	18
D. J. Plummer, Bridgeport.....	5			
Mark Mallett, Bridgeport.....			5	18
(Mr. Mallett succeeded Mr. Plummer)				
Clarence Raish, Lexington.....	5			
Ray Shannon, North Platte.....			5	18
(Mr. Shannon succeeded Mr. Raish)				

OBSERVERS

Arlan Luxa, Julesburg.....	12		12	
W. L. Joiner, Torrington.....			7	13
*Mr. Forsling substituted for Mr. Hanna.				



General View of the Sutherland Supply Diversion Works

Bridgeport, Nebraska,
September 30, 1936.

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

Dear Sir:

Pursuant to the usual custom, I have the honor of reporting to you the activities of the Bureau of Irrigation, Water Power, and Drainage, for the biennium ending September 30, 1936.

Water Supply

The snowfall in the higher elevations of the North Platte River basin as of April 1, was sixty-five per cent of normal in 1935, and eighty-seven per cent of normal in 1936. The runoff above the Pathfinder Reservoir for the year ending September 30, 1935, was 696,000 acre-feet, or fifty-two per cent of the twenty-six years mean (1911-1936); and for the year ending September 30, 1936, the runoff was 1,045,000 acre-feet, or seventy-eight per cent of the twenty-six year mean.

Approximately 512,000 acre-feet of water were impounded in the Pathfinder Reservoir in 1935, which quantity is eighty-six per cent of the twenty-six year mean (1911-1936); and approximately 482,000 acre-feet of water were impounded in 1936, which quantity is 81 per cent of the twenty-six year mean. In addition to the water impounded in the Pathfinder Reservoir, there were approximately 55,000 acre-feet impounded in the Guernsey Reservoir in 1935, and approximately 124,000 acre-feet in 1936.

The quantity of storage water passing the Wyoming-Nebraska Line in the North Platte River, as obtained from the records in the Guernsey office of the United State Reclamation Bureau, was 49,000 acre-feet in 1935, and 75,000 acre-feet in 1936.

In 1935, the Platte River was dry at Overton from July 15 to August 27, and in 1936, it was dry after June 20 to the end of the water year. In 1935, the North Platte River was dry at Sutherland most of the time from July 15 to September 25, and in 1936, it was dry after June 20, to the end of the water year.

The flow of the South Platte River at North Platte for 1935 was 95 per cent of the nineteen year mean (1918-1936), and in 1936 it was eighteen per cent of the nineteen year mean. The South Platte River at Julesburg for the year 1935 was eighty-three per cent of the thirty-five year mean (1902-1936), and for the year 1936 it was twenty-four per cent of the thirty-five year mean. The Western Irrigation District diverts from the South Platte River just east of the Colorado-Nebraska Line, and the records show less water diverted by this project in 1935 and 1936 than in 1933 and 1934. The diversion by the Western Irrigation District was 1.77 acre-feet per acre in 1935, and 1.65 acre-feet per acre in 1936.

A greater number of pumps were operated in the State during 1936 season than any other season. Pump installations lift water from both underground flow and stream flow. Many pumps were installed on the banks of drain ditches and used in 1936 under junior canals closed by the department. Since the character of drainage water is in dispute, the department has given no supervision to pump irrigation from drainage ditches.

The following tabulation shows the status of the water supply of some of the major streams of the State for the years 1935 and 1936.

Stream	Mean Annual Discharge in Acre-feet	Percentage of Mean Annual Discharge				Station
		1935	1936	Lowest Year	Years of Record	
North Platte	1215000	68	59	59	8	Oshkosh
Platte	2271000	54	26	26	22	Overton
White River	17200	112	92	84	5	Crawford
Niobrara	880000	100	94	90	9	Spencer
Loup	1857000	122	91	84	8	Columbus
Elkhorn	533000	84	70	63	8	Waterloo
Republican	37200	95	89	....	12	Colo-Nebr. Line
Republican	119000	475	106	....	13	Culbertson
Republican	477200	235	86	....	24	Hardy
Republican	496000	202	77	61	7	Bloomington
Big Blue	237000	196	95	35	4	Barnston
Little Blue	197000	141	54	41	14	Endicott
Frenchman	91800	133	90	....	16	Culbertson
Lodgepole	10900	110	86	78	13	Bushnell

The years of record include 1936, which is one of five successive years of drouth.

Reservoirs

The Oliver Reservoir is a channel reservoir on the Lodgepole Creek about eight miles west of Kimball. It has a capacity of 5500 acre-feet. In 1935, the reservoir was filled, and in 1936, there were approximately 4000 acre-feet impounded. The runoff above the Oliver Reservoir was 12,050 acre-feet in 1935, and 9,400 acre-feet in 1936.

The Whitney Reservoir is an off-channel reservoir on the White River, located about three miles west of Whitney. It has a capacity of 10,000 acre-feet. In 1935, 9,440 acre-feet of water were impounded in the reservoir, and in 1936, there were 8,700 acre-feet impounded.

The Bennett Reservoir is constructed astride Lodgepole Creek and has a capacity of 670 acre-feet. The storage water is used as a supplemental supply for natural flow rights under Applications 691 and 1975. The department received no reports as to the quantity of water stored during the biennium.

Crescent Lake is a natural sand hill reservoir. It depends on precipitation for its water supply. The precipitation has been considerably below normal the past two or three years, and the quantity of water in the reservoir has become less each year due to evaporation and some diversions for irrigation. The department has issued an order denying further diversions from Crescent Lake by the Lake Water Carrying Company pending the construction of new headgates. Records of the quantity of water withdrawn from Crescent Lake are published elsewhere in this report.

The Kilpatrick Reservoir is an off-channel reservoir located on the Frenchman River. The water stored is used as a supplemental supply for land covered by Docket 47. The department has not received satisfactory records of withdrawals from this reservoir.

Water Distribution

The available water supply of all streams in the state was below normal for the year 1936. The greatest deficiency was in the Platte River basin. The distribution of the water supply in the Platte and North Platte basins for the biennium ending September 30, 1936, required closer supervision than usual.

The first closing order of 1935 in the Platte River basin was on the 11th day of July, although the deficiency became acute about the 20th of June. In 1936, the deficiency began during the last few days of April and continued throughout the growing season. Very little natural flow was received by water users in Nebraska having priorities subsequent to October 17, 1889, and senior to December

31, 1892. Priorities subsequent to 1892 were practically without water after May 1, except those projects having storage rights.

Four acting water commissioners were on duty every day, including Sundays and holidays, in the Platte and North Platte River basin, from May 1 to September 30, 1935, and 1936, supervising the distribution of the available water supply. One water commissioner was on duty from May 1 to September 30, both years, in Kimball County; and one water commissioner on the Frenchman and Republican during the growing seasons of both years. The Niobrara River, White River, Hat Creek, and tributaries, in the northwestern part of the State, were supervised by the water superintendent through the two years.

No investigation of the water disposal was made for the years 1935 and 1936 on the South Platte River. During this biennium, the demands on our department were so great and the work was increased to such an extent that our present organization was unable to take care of all of the demands. The work most urgent was given attention first. Obviously it was necessary to leave some work unfinished.

Administration of the waters of the Big Blue, Little Blue, Elkhorn, and the Loup basins has been somewhat neglected, although many demands were made.

Hydrography

The Department of Roads and Irrigation employs only one hydrographer full time, and employs one man who is used half time as an hydrographer. Under the cooperative agreement between the State of Nebraska and the United States Geological Survey, two hydrographers were furnished by the Survey during the biennium. One operated on the North Platte River between the Wyoming-Nebraska Line and Lisco, Nebraska, and the other operated in the east one-third of the State. Through the cooperative agreement, Nebraska has received the services of two hydrographers and clerical help in the Denver office of the United States Geological Survey. In addition to this, thirty automatic recorder installations have been made in Nebraska by the Survey, costing approximately five hundred dollars each. The State, prior to this biennium, has furnished and installed six automatic recorder equipments.

Precipitation and Temperature

For the biennium, the temperatures generally were above normal and the precipitation below normal, during the summer months. The

following tabulation was derived from the United States Weather Bureau's records:

Maximum Temperature
May to September

Year	Station	Per Cent of		Years of Record
		Mean	Max.	
1935	Scottsbluff	101		23
1936	Scottsbluff	108		....
1935	Bridgeport	101		39
1936	Bridgeport	108		....
1935	North Platte	99		62
1936	North Platte	108		....
1935	Lexington	95		42
1936	Lexington	103		....

Precipitation

Year	Station	Percentage of Mean		
		7 Months	5 Months	12 Months
1935	Mitchell	102	85	90
1936	Mitchell	61	45	50
1935	Bridgeport	76	81	79
1936	Bridgeport	44	40	42
1935	North Platte	100	104	103
1936	North Platte	72	60	64
1935	Lexington	63	151	120
1936	Lexington	59	73	68

This tabulation shows the maximum temperature for 1936 was about 108 per cent of normal in the North Platte basin, and the precipitation about fifty-six per cent for the months of May to September inclusive. During these five months in 1936, the evaporation at Bridgeport was 109.6 per cent of the five year mean (1931-1935).

Office Maps

Township maps are drawings on tracing cloth showing irrigation projects, streams, irrigated areas, and other data necessary for guidance in the office and field work. These tracings lack several years of being up to date, and blue prints of the tracings should not be certified when supplied to persons requesting them. Attorneys repre-

senting clients in law suits relating to irrigation disputes usually request blue prints of these township maps.

New Development

The hydraulic power and irrigation project of the Platte Valley Public Power and Irrigation District was the only important project developed by virtue of Senate File 310 started and practically completed during the period covered by the present biennium.

The first contract for construction was awarded on August 16, 1934, and the project was sufficiently completed in early December, 1935, to permit the diversion of water from the North Platte for storage in the Sutherland Reservoir. The project includes two vertical shaft Allis-Chalmers turbines of 18,500 horse power each, with two 15,000 KVA, 13,800 volt vertical generators.

A concrete diversion dam extends across the channel of the North Platte River about three miles west of Keystone, Nebraska. It is nine feet high and 1200 feet long.

A canal about 30 feet wide on the bottom extends about 33 miles from the diversion dam to the Sutherland Storage Reservoir. The reservoir has a capacity of about 180,000 acre-feet with a ten foot free-board. The outlet canal extends easterly from the Sutherland Reservoir a distance of about 28 miles to the power house. A regulating reservoir is located along the outlet canal at a point about four miles from the intake of the penstocks.

The Loup River Public Power District is nearing completion, and when completed will have installed three turbines and generators at Monroe, and three turbines and generators at Columbus. The Monroe turbines are 3200 horse power and 2750 KVA each, and the Columbus turbines are 18,000 horse power and 14,000 KVA each. The canal has a capacity of 3000 second-feet and is thirty miles in length from the intake to the Columbus power house.

The Central Nebraska Public Power and Irrigation District started work on the power canal and the Keystone diversion dam in the spring of 1936. Considerable work had been done when suits were brought in the State and Federal Courts causing partial suspension of work pending the decision of the Courts.

Interstate Problems

Since the suit of Nebraska v. Wyoming was started in September, 1934, two hearings have been held in Lincoln, Nebraska, before Honorable M. J. Doherty, Master in Chancery, appointed by the United States Supreme Court to hear evidence. The State of Colorado was made a party to the suit by request of Wyoming early in 1935.

Statistical Summary

The following is a summary of the statistical record for the biennium ending September 30, 1936:

Applications for water appropriations.....	145
Permits issued	159
Applications and claims canceled.....	52
Applications dismissed	13
Applications pending	40
Hearings held	8
Public Power and Irrigation Districts Organized under S. F. 310.....	4
Public Rural Electrification Districts.....	12
Relocation permits	4
Water power leases.....	3
Deeds recorded	68
Maps and plans filed.....	211
Field inspection reports recorded.....	152
Stream and canal gagings made by Nebraska.....	4718
Stream and canal gagings made by U.S.G.S.....	2276
Gaging stations with automatic recorders.....	30
Gaging stations with observers.....	22
Fees collected covering:	
Applications, plans of dams, leases and deeds..	\$17,329.38
Copying records	325.73
Total fees	<u>\$17,655.11</u>

Recommendations

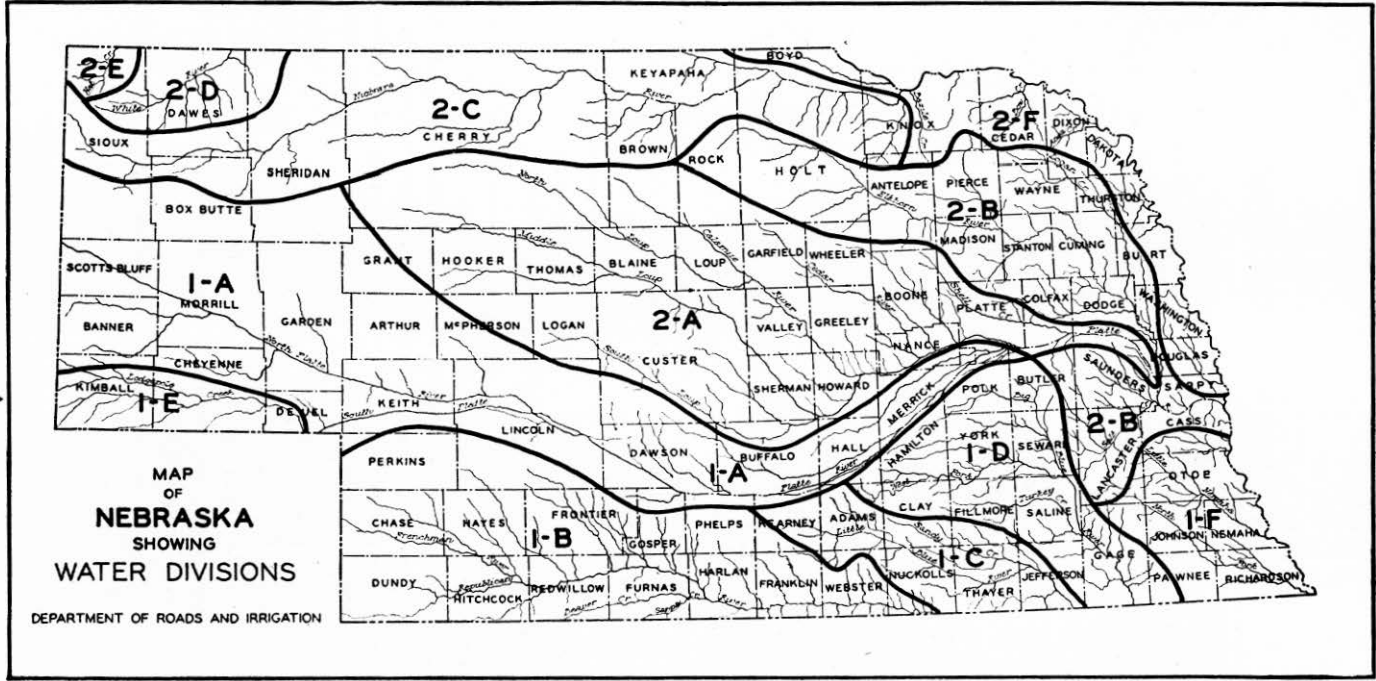
Provisions of Section 81-6311 C. S. 1929 should be amended to read "water year" in lieu of "calendar year".

Two more hydrographers should be employed to meet the provisions of Section 81-6308, Nebraska Compiled Statutes for 1929. With the Platte Valley Public Power and Irrigation District's demands for storing water during the storage season and the disposal of the storage water during the growing season, an increase in the personnel of the Bureau of Irrigation should be a natural consequence.

An aerial survey of the North Platte and Platte Rivers should be made whenever funds are available. The area of the river from bank to bank must be known before accurate determination of evaporation loss is possible.

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 denominated Water Division No. 1 and Water Division No. 2, respectively. (C. S. 1922, 8415; 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 Rivers and their tributaries lying west of the mouth of the Loup River; and also all other lands lying south of the Platte and South Platte Rivers that may be watered from other superficial 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, Niobrara 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 divisions, denominated 1-A, 1-B, 1-C, 1-D, 1-E, 1-F, 2-A, 2-B, 2-C, 2-D, 2-E and 2-F, as shown on the opposite page.

CLAIMS AND APPLICATIONS

The 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, and 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.

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 Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ash Creek.....	Noetzelman, Mrs. Anna.....	Lewellen.....	Gillard Canal.....	Irrig.	1.43	3	16	42	Garden.....	Dec.	31	1890	812	.....
Barrow Pit.....	Taylor, A. O.....	Minatare.....	Barrow Pit Canal.....	Irrig.	.29	19	21	52	Scotts Bluff.....	Apr.	23	1904	.....	751
Birdwood Cr.....	Birdwood Irrig. Dist.	North Platte	Birdwood Canal.....	Irrig.	100.00	35	15	33	Lincoln.....	Oct.	21	1893	616	.....
Birdwood Cr.....	Northouse, Mrs. Ed., et al.....	Hershey.....	West Birdwood Canal	Irrig.	8.57	22	15	33	Lincoln.....	Jan.	16	1894	652	.....
Birdwood Cr.....	Saxson, Bert.....	Sutherland.....	Beaucamp Canal.....	Irrig.	3.00	15	15	33	Lincoln.....	Sept.	19	1894	677	.....
Blue Creek.....	Union Irrig. and Water Power Co.....	Lewellen.....	Union Canal.....	Irrig.	23.44	18	16	42	Garden.....	May	16	1890	763	.....
Blue Creek.....	Union Irrig. and Water Power Co.....	Lewellen.....	Graf Canal.....	Irrig.	1.20	19	16	42	Garden.....	May	16	1890	763-R	.....
Blue Creek.....	Hooper Irrig. District.	Lewellen.....	Hooper Canal.....	Irrig.	12.25	6	16	42	Garden.....	Sept.	7	1892	781	.....
Blue Creek.....	Orr, Bert L.....	Lewellen.....	Graf Canal.....	Irrig.	.21	19	16	42	Garden.....	Sept.	7	1893	781-R	.....
Blue Creek.....	Blue Creek Irrig. Dist.	Lewellen.....	Blue Creek Canal.....	Irrig.	185.71	33	17	42	Garden.....	Dec.	27	1893	785	.....
Blue Creek.....	Meeker Ditch Co.....	Lewellen.....	Graf Canal.....	Irrig.	31.43	19	16	42	Garden.....	Apr.	2	1894	788	.....
Blue Creek.....	Ross, A. S., et al**.....	Lewellen.....	Hooper Canal.....	Irrig.	.27	6	16	42	Garden.....	Apr.	2	1894	788-R	.....
Blue Creek.....	Blue Creek Irrig. Dist.	Lewellen.....	Blue Creek Canal.....	Irrig.	3.79	21	17	42	Garden.....	Sept.	27	1894	795	.....
Blue Creek.....	Paisley Irrig. Dist.....	Oshkosh.....	Paisley Canal.....	Irrig.	21.00	28	17	42	Garden.....	Nov.	20	1891	800	.....
(No. Platte R.)..	Robinson, A. A.....	Gering.....	Midland-Overland Canal.....	O. D.	D-800	4	16	44	Garden.....	Nov.	20	1894	.....	1712
Blue Creek.....	Paisley Irrig. Dist.....	Oshkosh.....	Paisley Canal.....	Irrig.	4.00	33	17	42	Garden.....	July	14	1899	.....	515
Blue Creek.....	Eggers, J. E.....	Lewellen.....	Blue Creek Canal.....	Irrig.	.42	33	17	42	Garden.....	Jan.	4	1912	.....	1151
Blue Creek.....	Paisley Irrig. Dist.....	Oshkosh.....	Paisley Canal.....	Irrig.	3.30	28	17	42	Garden.....	Feb.	25	1924	.....	1738
Blue Creek.....	Blue Creek Public Power & Irrig. Dist.	Lewellen.....	Blue Creek Reservoir	Storage		28	17	42	Garden.....	Aug.	24	1933	.....	2315*
						33	17	42						
Broncho Lake.....	Miller, True.....	Alliance.....	Broncho Lake.....	Irrig.	1.16	6	24	48	Box Butte.....	May	7	1926	.....	1806

Browns Creek	Haxby, George H.	Bridgeport	Haxberry Canal	Irrig.	.43	19	20	48	Morrill	July	17	1903	717	
Buckhorn Springs	Maddox, P. P.	North Platte	Maddox Canal	Irrig.	2.28	8	14	36	Keith	Oct.	3	1908	918	
Buffalo Creek	Kopf, Walter W.	Buffalo	Kopf Pump	Irrig.	.57	21	12	22	Dawson	Mar.	3	1926	1799	
Buffalo Creek	Broe, John L. and Thos. F.	Elm Creek	Streiff Pump	Irrig.	1.81	35	9	19	Dawson	Sept.	15	1926	1859	
Buffalo Creek	Stryker, Abram I., Estate of	Overton	Stryker Pump	Irrig.	1.62	18	9	19	Dawson	July	19	1927	1944	
Buffalo Creek	Philpot, W. J.	Overton	Philpot Pump	Irrig.	3.33	28	9	19	Dawson	July	26	1927	1946	
Buffalo Creek	Bowden, C. A.	Overton	Bowden Pump	Irrig.	1.65	12	9	20	Dawson	Oct.	10	1927	1959	
Buffalo Creek	Lloyd, Bell F.	Elm Creek	Lloyd Pump	Irrig.	2.16	36	9	19	Dawson	Feb.	20	1928	1985	
Buffalo Creek	Potts, Chas. S.	Elm Creek	Potts Pump	Irrig.	4.43	4	8	18	Buffalo	Mar.	5	1928	1988	
Buffalo Creek	Fitzgerald, Elva J.	Elm Creek	Jones Pump	Irrig.	.94	5	8	18	Buffalo	Apr.	30	1928	2012	
Buffalo Creek	Wilson, Harry W.	Overton	Wilson Canal	Irrig.	2.29	18	9	19	Dawson	Nov.	12	1928	2052	
Buffalo Creek	Ulrich, Maria	Elm Creek	Ulrich Canal	Irrig.	.52	1	8	19	Dawson	Feb.	4	1929	2068	
(See Mud Cr.)														
Buffalo Creek	Gilmore, Eliza A.	Murray	Gilmore Pump	Irrig.	1.03	21	9	19	Dawson	Mar.	5	1929	2074	
Buffalo Creek	Armstrong, Lillian G.	Elm Creek	Armstrong Canal	Irrig.	.23	33	9	18	Buffalo	June	19	1929	2087	
Buffalo Creek	Phillips, Reber D.	Gmaha	Phillips Pump	Irrig.	4.57	12	9	20	Dawson	July	13	1929	2089	
Buffalo Creek	Jensen, Peter E.	Cozad	Jensen Pump	Irrig.	1.00	21	11	22	Dawson	July	17	1929	2090	
Buffalo Creek	Kopf, Walter W.	Buffalo	Kopf Reservoir	Supple.	†189	AF	21	12	22	Dawson	Dec.	23	1930	2180
(Res. A-2180)														
	Kopf, Walter W.	Buffalo	Kopf Pump	Irrig.		21	12	22	Dawson	Dec.	23	1930	2181	
Buffalo Creek	Mitchell, Geo. E.	Elm Creek	Mitchell Pump	Irrig.	.36	9	19		Dawson	Mar.	31	1932	2265*	
Bull Drain	Norris, David	Maxwell	Norris Canal	Irrig.	.93	29	13	28	Lincoln	Feb.	18	1932	2253	
Camp Creek	Wehn, J. H.	Bridgeport	Camp Creek Canal	Irrig.	1.43	13	18	49	Morrill	Mar.	16	1892	866	
Carter Creek	Gardner, Wm. E.	Gering	Carter Canal	Irrig.	3.38	27	21	56	Scotts Bluff	Oct.	13	1922	1691	

*Application pending.

†"R" Denotes relocation.

‡Presents reservoir capacity alleged by applicant.

**Land included in Hooper Irrigation District.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D/Yr.
Cedar Creek	Radcliffe, C. S.	Sidney	Nelson-Radcliffe Canal	Irrig.	2.77	28	18	48	Morrill	June	1 1882	1034a	
Cedar Creek	Radcliffe, C. S.	Sidney	Radcliffe Canal No. 2	Irrig.	1.23	34	18	48	Morrill	July	1 1885	1031b	
Cedar Creek	Rush Creek Land and Live Stock Co.	Lisco	Radcliffe Canal No. 3	Irrig.	.76	27	18	48	Morrill	Feb.	11 1890	1034e	
Clear Creek	Hooper, D. C.	Lewellen	Clear Creek Canal	Irrig.	2.86	32	16	41	Keith	July	1 1888	748	
Clear Creek	Clear Creek Irrig. Co.	Lewellen	Barber Canal	Irrig.	14.57	29	16	41	Keith	May	30 1893	754	
Clear Creek	Clark, Wesley and Bairn, John	Lewellen	Williams Canal	Irrig.	1.00	28	16	41	Keith	May	18 1894	747	
Clear Creek	Barber, Frank H.	Lincoln	Finch Canal	Irrig.	1.43	4	15	41	Keith	June	30 1895	964	
Clear Creek	Clear Creek Irrig. Co.	Lewellen	Barber Canal	Irrig.	1.14	29	16	41	Keith	July	5 1911		1111
Clear Creek	Scripter, Henrietta	Lewellen	Scripter Canal	Irrig.	2.49	32	16	41	Keith	Oct.	6 1932		2288
Clear Creek	Harper, R. F. and Barber, F. H.	Lincoln	Harper Canal	Irrig.	2.97	32	16	41	Keith	Apr.	15 1933		2316
Cold Water Cr.	Lisco Irrig. Dist.	Lisco	Cold Water Canal	Irrig.	4.29	26	18	46	Garden	Sept.	29 1891	796	
Cold Water Cr.	Cold Water Res. Dist.	Lisco	Cold Water Reservoir	Storage		27	18	46	Garden	July	20 1936		2591*
Coon Creek	Winterer, Wm. H. Estate of	Keystone	Coon Creek Canal	Irrig.	.71	34	15	37	Keith	July	3 1895		69
Coon Creek	Winterer, Wm. H. Estate of	Keystone	Coon Creek Canal	Irrig.	1.42	34	15	37	Keith	Sept.	16 1912		1225
Crescent Lake, et al.	Lake Water Carrying Company	Lewellen	Crescent Lake Project	Storage	37000 AF	21	20	44	Garden	Jan.	30 1920		1575
(Res. A-1575)	Lake Water Carrying Company	Lewellen	Crescent Lake Project	Irrig.	2.06	21	20	44	Garden	Jan.	30 1920		2365

DEPARTMENT OF ROADS AND IRRIGATION

Deep Holes Cr..	Finn, J. L.....	Broadwater..	Finn Canal.....	Irrig.	.50	28	18	49	Morrill.....	July	4	1890	836	.....
Deep Holes Cr..	Hanway, F. P.....	Broadwater..	Emma Canal.....	Irrig.	1.10	3	18	49	Morrill.....	Mar.	17	1924	.....	1740
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater..	Cooper Canal.....	Irrig.	.86	4	19	48	Morrill.....	Aug.	15	1892	872	.....
Dugout Creek, Lower	Mulloy, Francis C.....	Broadwater..	Mulloy Canal.....	Irrig.	1.00	27	20	48	Morrill.....	July	18	1907	.....	865
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater..	Hagerty Canal.....	Irrig.	1.00	4	19	48	Morrill.....	Oct.	26	1912	.....	1238
Dugout Creek, Lower	Hecht, Tilford M.....	Broadwater..	Klondyke Reservoir.....	Supple. A-1238	13.35	AF	4	19	48	Morrill.....	July	11	1919	1547
Elm Creek.....	Scott, Natonia.....	Elm Creek...	Scott Pump.....	Irrig.	1.14	29	9	18	Buffalo.....	Jan.	28	1929	.....	2066
Fawcus Springs	Oliver, John E.....	Bridgeport...	Oliver Canal.....	Irrig.	2.71	24	20	52	Morrill.....	Apr.	17	1933	.....	2317
Gebauer Seep Lake	Gebauer, Paul G.....	Northport.....	Gebauer Canal.....	Irrig.	.80	28	20	50	Morrill.....	Apr.	25	1930	.....	2138
Glenn Springs..	Glenn, L. R.....	Henry.....	Glenn Canal.....	Irrig.	.16	3	23	58	Scotts Bluff..	May	29	1933	.....	2324
Golden Creek....	Theis, M. J.....	Ogallala.....	Theis Canal.....	Irrig.	2.71	25	15	39	Keith.....	Sept.	17	1895	.....	160
Gravel Creek.... (Sand Creek)	Maddox, P. P. and Sillasen, S. J.....	North Platte	Sand Creek Canal.....	Irrig.	15.71	9	14	36	Keith.....	Jan.	3	1910	.....	974
Greenwood Cr..	Keenan, Mary K.....	Dalton.....	Trinnier Canal.....	Irrig.	6.29	28	18	50	Morrill.....	Apr.	6	1891	849	.....
Greenwood Cr..	Keenan, Mary K.....	Dalton.....	Nelson Canal.....	Irrig.	3.00	33	18	50	Morrill.....	Apr.	1	1892	845	.....
Greenwood Cr..	Shannon, Ray.....	Bridgeport...	Capron Canal.....	Irrig.	2.00	15	18	50	Morrill.....	Jan.	1	1893	890	.....
Greenwood Cr..	Meglemre, C. E.....	Bridgeport...	Meglemre Canal.....	Irrig.	.57	3	18	50	Morrill.....	May	6	1896	.....	294
Greenwood Cr..	Meglemre, C. E.....	Bridgeport...	Meglemre Canal.....	Irrig.	1.14	3	18	50	Morrill.....	Mar.	11	1907	.....	853
Greenwood Cr..	Keenan, Mary K.....	Dalton.....	Trinnier Canal.....	Irrig.	1.65	28	18	50	Morrill.....	Aug.	18	1919	.....	1551

*Application pending.

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Horse Creek.....	Mihan, John, Est. of.....	Lyman.....	State Line Canal.....	Irrig.	10.00	33	23	58	Scotts Bluff.....	Sept.	10	1897	.....	407
Horse Creek.....	Brazier-Marsh.....	Morrill.....	Marsh-Brazier Canal.....	Irrig.	7.19	4	22	60	Wyoming.....	Nov.	24	1908	.....	921
Horse Creek.....	Gilmore Ditch Ass'n.....	Morrill.....	Gilmore Canal.....	Irrig.	3.71	33	23	58	Scotts Bluff.....	Feb.	21	1910	.....	983
Horse Creek.....	Mihan, John, Est. of.....	Morrill.....	State Line Canal.....	Irrig.	2.00	33	23	58	Scotts Bluff.....	Apr.	21	1910	.....	994
Horse Creek.....	Castell and Husted.....	Henry.....	Jackson Enlargement.....	Irrig.	1.00	27	23	58	Scotts Bluff.....	May	19	1910	.....	1000
Horse Creek.....	Marsh and Brazier.....	Morrill.....	Marsh-Brazier Enlargement.....	Irrig.	13.00	4	22	60	Wyoming.....	Sept.	18	1911	.....	1126
Horse Creek.....	Great Western Sugar Company.....	Scottsbluff.....	Lyman Factory.....	Mfg.	15.00	31	23	58	Scotts Bluff.....	June	16	1926	.....	1819
Horse Creek.....	Mitchell Irrig. Dist.....	Mitchell.....	Mitchell Canal.....	Supple.		25	23	58	Scotts Bluff.....	June	9	1931	.....	2206*
Hoth Draw.....	Great Western Sugar Company.....	Scottsbluff.....	Bayard Factory.....	Mfg.	15.00	34	21	52	Morrill.....	Oct.	4	1920	.....	1593
Hoth Draw.....	O'Holloran, Jas.....	Bayard.....	O'Holloran Pump.....	Power		28	21	52	Morrill.....	July	16	1930	.....	2147*
Huntington Spring.....	Card, Fred.....	Hull.....	Card Canal.....	Irrig.	1.43	9	20	58	Scotts Bluff.....	Dec.	23	1904	.....	778
Kiowa Creek.....	Currie, Edw. A.....	Mitchell.....	Currie Canal.....	Irrig.	9.14	13	21	57	Scotts Bluff.....	Mar.	23	1892	938	.....
Kiowa Creek.....	Kellums, John H.....	Morrill.....	Kellums Canal.....	Irrig.	1.43	11	22	58	Scotts Bluff.....	Oct.	18	1901	.....	641
Kiowa Creek.....	Kellums, John H.....	Morrill.....	Kellums Canal No. 2.....	Irrig.	.06	1	22	58	Scotts Bluff.....	Nov.	29	1907	.....	880
Lawrence Fork.....	Randall, Wm. H.....	Bridgeport.....	Laing Canal.....	Irrig.	.50	28	18	52	Morrill.....	Dec.	31	1886	825	.....
Lawrence Fork.....	Gilman, Byron and Crigler, E. S.....	Redington.....	Redington Canal.....	Irrig.	.57	36	19	52	Morrill.....	Oct.	9	1889	820	.....
Lawrence Fork.....	Lindberg, Fred R.....	Bridgeport.....	Crigler Canal.....	Irrig.	.57	1	18	52	Morrill.....	Sept.	11	1891	861	.....
Lawrence Fork.....	Niehus, Joseph W.....	Bridgeport.....	Spring Branch Canal.....	Irrig.	1.00	11	18	52	Morrill.....	Oct.	23	1891	862	.....
Lawrence Fork.....	Niehus, Joseph W.....	Bridgeport.....	Spring Branch Canal.....	Irrig.	.50	11	18	52	Morrill.....	May	1	1893	893	.....
Lawrence Fork.....	Lindberg, Fred R.....	Bridgeport.....	Crigler Canal.....	Irrig.	1.43	1	18	52	Morrill.....	Nov.	25	1898	.....	486
Lawrence Fork.....	Willis, Mrs. Anna.....	Bridgeport.....	Niehus Canal.....	Irrig.	.86	11	18	52	Morrill.....	Mar.	23	1900	.....	550

Lawrence Fork	Niehus, Joseph W.....	Bridgeport.....	Spring Branch Canal.....	Irrig.	1.43	11	18	52	Morrill.....	May	27	1902	.....	669
Lawrence Fork	Randall, Wm. H.....	Bridgeport.....	Randall Canal.....	Irrig.	2.40	21	18	52	Morrill.....	May	15	1911	.....	1100
Lawrence Fork	King, Wm. O.....	Kearney.....	King Canal.....	Irrig.	1.00	15	18	52	Morrill.....	Dec.	8	1915	.....	1410
Lawrence Fork	King, Wm. O.....	Kearney.....	King Canal.....	Irrig.	1.00	15	18	52	Morrill.....	July	3	1920	.....	1587
Lawrence Fork	Niehus, J. W.....	Bridgeport.....	Hopeful Canal.....	Irrig.	1.43	1	18	52	Morrill.....	Apr.	19	1930	.....	2135
Lawrence Fork	Niehus, J. W.....	Bridgeport.....	Pearl Canal.....	Irrig.	.58	11	18	52	Morrill.....	Sept.	30	1935	.....	2560
Lonergan Cr.....	Soehl, Herman H.....	Lemoyne.....	Soehl Canal.....	Irrig.	2.00	17	15	39	Keith.....	May	10	1880	697a	.....
Lonergan Cr.....	Jacobs, Lee, Estate of, et al.....	Lemoyne.....	Lonergan Canal.....	Irrig.	9.15	17	15	39	Keith.....	May	25	1889	699	.....
Lonergan Cr.....	Soehl, Herman H.....	Lemoyne.....	Soehl Canal.....	Irrig.	.86	17	15	39	Keith.....	Apr.	27	1893	697b	.....
Lost Creek.....	Campbell, Wm. N.....	Oshkosh.....	Campbell Pump.....	Irrig.	1.69	11	17	44	Garden.....	Dec.	23	1929	.....	2118
Mathews Creek	Mathews, Benj. G.....	Keystone.....	Mathews Canal.....	Irrig.	1.14	28	15	37	Keith.....	Apr.	1	1895	750	.....
Middle Creek.....	Miller, J. L.....	Bridgeport.....	Bartling Canal.....	Irrig.	.29	28	18	51	Morrill.....	July	31	1891	870	.....
Middle Creek.....	Miller, J. L.....	Bridgeport.....	Bartling Canal.....	Irrig.	.29	28	18	51	Morrill.....	June	1	1894	891	.....
Middle Creek.....	Miller, J. L.....	Bridgeport.....	Bartling Canal.....	Irrig.	.28	28	18	51	Morrill.....	Apr.	27	1936	.....	2576
Mud Creek (See Buffalo Creek)	Ulrich, Maria.....	Elm Creek.....	Ulrich Canal.....	Irrig.	4.20	1	8	11	Dawson.....	Feb.	4	1929	.....	2068
Nealy Springs.....	Covington, Paul H.....	Morrill.....	Covington Pipe Line.....	Irrig.	.06	11	23	58	Scotts Bluff	Mar.	27	1933	.....	2311
Nealy Springs.....	Nealy, Daisy.....	Henry.....	Nealy Canal.....	Irrig.	.38	11	23	58	Scotts Bluff	Aug.	3	1934	.....	2154
North Platte R. (Lincoln County Drainage Dis- trict No. 1, Ditch No. 2).....	Platte Valley Irrig. District.....	Hershey.....	North Platte Canal.....	Irrig.	300.00	13	14	34	Lincoln.....	May	31	1881	635	.....
North Platte R.	Reimers, Oscar.....	Grand Island	Reimers Pump.....	O. D.	D-635	30	14	31	Lincoln.....	May	31	1884	.....	2459
North Platte R.	Farmers Irrig. Dist.....	Scottsbluff.....	Tri-State (Farmers) Canal.....	Irrig.	901.93	3	23	58	Scotts Bluff	Sept.	16	1887	918	.....

*Application pending.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
North Platte R. (Dry Spotted Tail)	Farmers Irrig. Dist.	Scottsbluff.	Ramshorn Canal.....	Irrig.	3.07	13	23	58	Scotts Bluff..	Sept.	16	1887	918-R	.....
(Farmers Canal Seep)	Hrasky, Frank and Chas.	Mitchell.....	Roberts Canal.....	O. D.	D-918	16	23	56	Scotts Bluff..	Sept.	16	1887	.....	1241
(Hoth Draw)	Warner, Frank	Morrill.....	Warner Canal.....	O. D.	D-918	12	23	57	Scotts Bluff..	Sept.	16	1887	.....	1760
(Sheep Creek)	O'Holloran, Jas.	Bayard.....	O'Holloran Canal.....	O. D.	D-918	28	21	52	Morrill.....	Sept.	16	1887	.....	1473
(Sheep Creek)	Sheep Creek Lateral Company	Morrill.....	Sheep Creek Lateral...	O. D.	D-918	8	23	57	Scotts Bluff..	Sept.	16	1887	.....	1176
(Wet Spotted Tail)	Sheep Creek Lateral Company	Morrill.....	Sheep Creek Lateral...	O. D.	D-918	8	23	57	Scotts Bluff..	Sept.	16	1887	.....	1398
North Platte R. (Taylor Drain)	Stewart, H. G.	Mitchell.....	Stewart Canal.....	O. D.	D-918	10	23	56	Scotts Bluff..	Sept.	16	1887	.....	449
North Platte R. (Winters Cr.)	Minatare Mutual Canal & Irrig. Co.	Minatare.....	Minatare Canal.....	Irrig.	219.43	32	22	54	Scotts Bluff..	Jan.	14	1888	919	.....
(Winters Cr.)	Oberlies, L. C.	Lincoln.....	Oberlies Canal.....	O. D.	D-919	3	21	53	Scotts Bluff..	Jan.	14	1888	.....	2502
North Platte R. (Nelson or Akers Draw)	Winter Creek Irrig. Company	Scottsbluff.....	Winters Creek Canal...	Irrig.	124.29	17	22	55	Scotts Bluff..	Oct.	18	1888	952	.....
(Toohy Drain)	Winters Creek Irrig. Company	Scottsbluff.....	Winters Creek Canal...	O. D.	D-952	19	22	54	Scotts Bluff..	Oct.	18	1888	.....	1416
(Winters Cr.)	Enterprise Irrig. Dist.	Scottsbluff.....	Enterprise Canal.....	Irrig.	138.70	27	23	57	Scotts Bluff..	Mar.	28	1889	920	.....
North Platte R. (Atkins Drain)	Enterprise Irrig. Dist.	Scottsbluff.....	Nelson Draw Canal...	O. D.	D-920	13	23	57	Scotts Bluff..	Mar.	28	1889	.....	1290
(Winters Cr.)	Fanning, Leo. T.	Mitchell.....	Fanning Pump.....	O. D.	D-920	20	23	56	Scotts Bluff..	Mar.	28	1889	.....	2413
North Platte R. (Cedar Creek)	Enterprise Irrig. Dist.	Scottsbluff.....	Enterprise Lateral.....	O. D.	D-920	8	22	54	Scotts Bluff..	Mar.	28	1889	.....	2409
North Platte R. (Bridgeport Irrig. Dist.)	Castle Rock Irrig. Dist.	McGrew.....	Castle Rock Canal.....	Irrig.	82.57	4	21	54	Scotts Bluff..	Apr.	18	1889	921	.....
North Platte R. (Atkins Drain)	Logan Irrig. Co.	Bridgeport.....	Logan Canal.....	Irrig.	5.71	24	20	51	Morrill.....	Oct.	17	1889	821	.....
(Cedar Creek)	Bridgeport Irrig. Dist.	Bridgeport.....	Belmont Canal.....	Irrig.	270.00	18	20	51	Morrill.....	Dec.	19	1889	828	.....
(Cedar Creek)	Atkins, A. W.	Bridgeport.....	Atkins Canal.....	C. D.	D-828	15	19	49	Morrill.....	Dec.	19	1889	.....	1450
(Cedar Creek)	Bridgeport Irrig. Dist.	Bridgeport.....	Cedar Creek Feeder...	O. D.	D-828	23	18	48	Morrill.....	Dec.	19	1889	.....	1397

DEPARTMENT OF ROADS AND IRRIGATION

North Platte R.	Mitchell Irrig. Dist.....	Mitchell.....	Mitchell Canal.....	Irrig.	**194.29	10	23	60	Wyoming.....	June	20	1890	-----	-----
North Platte R.	Central Irrig. Dist.....	Gering.....	Central Canal.....	Irrig.	36.00	27	22	55	Scotts Bluff..	June	23	1890	926	-----
North Platte R.	Sheridan, J. Wake, Estate of													
		Paxton.....	Sheridan-Wilson Canal	Irrig.	10.00	19	14	35	Keith.....	Oct.	9	1890	710	-----
North Platte R.	Chimney Rock Irrig. Dist.	Bayard.....	Chimney Rock Canal..	Irrig.	60.00	1	20	53	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	1031	-----
North Platte R.	Empire Canal Co.....	Bridgeport..	Empire Canal.....	Irrig.	28.57	18	20	51	Morrill.....	June	25	1891	858	-----
(Anderson Seep)	Clarke, M. G.....	Okmulgee, Okla.	Gordon Canal.....	O. D.	D-858	26	20	51	Morrill.....	June	25	1891	-----	2248
North Platte R.	Kah, D., Estate of.....	Minatare.....	Kah Canal.....	Irrig.	4.57	11	21	54	Scotts Bluff..	Nov.	1	1891	944	-----
North Platte R.	Brown Cr. Irrig. Dist.	Bridgeport..	Brown Creek Canal..	Irrig.	188.71	29	20	50	Morrill.....	Jan.	20	1892	857	-----
North Platte R.	Brown Cr. Irrig. Dist.	Bridgeport..	Brown Creek Canal..	Irrig.		29	20	50	Morrill.....	Jan.	20	1892	1033	-----
North Platte R.	Alliance Irrig. Dist.	Bridgeport..	Alliance Canal.....	Irrig.	100.00	5	20	52	Morrill.....	Dec.	26	1892	874	-----
North Platte R.	Alliance Irrig. Dist.	Bridgeport..	Alliance Canal.....	Irrig.		5	20	52	Morrill.....	Dec.	26	1892	1035	-----
(Bayard Sugar Factory Drain)	Alliance Irrig. Dist.	Bridgeport..	Alliance Canal.....	O. D.	D-874	5	20	52	Morrill.....	Dec.	26	1892	-----	1776
(Red Willow Creek)	Alliance Irrig. Dist.	Bridgeport..	Alliance Canal.....	O. D.	D-874	6	20	51	Morrill.....	Dec.	26	1892	-----	1429
North Platte R.	Ramshorn Irrig. Dist.	Morrill.....	Ramshorn Canal.....	Irrig.	45.71	13	23	58	Scotts Bluff..	Mar.	20	1893	945	-----
North Platte R.	Short Line Irrig. Dist.	Bayard.....	Short Line Canal.....	Irrig.	65.57	25	21	53	Scotts Bluff..	May	1	1893	946	-----
North Platte R.	Lisco Irrig. Dist.....	Lisco.....	Lisco Canal.....	Irrig.	19.85	14	18	47	Morrill.....	July	1	1893	856	-----
North Platte R.	Nine Mile Irrig. Dist.	Bayard.....	Nine Mile Canal.....	Irrig.	200.00	18	21	53	Scotts Bluff..	Dec.	6	1893	925	-----
(Nine Mile Draw)	Nine Mile Irrig. Dist.	Bayard.....	Nine Mile Canal.....	O. D.	D-925	10	21	53	Scotts Bluff..	Dec.	6	1893	-----	1431
North Platte R.	Cody Land and Cattle Co.....	North Platte.	Cody-Dillon Canal.....	Irrig.	127.00	9	14	31	Lincoln.....	Dec.	29	1893	649	-----
North Platte R.	Keith-Lincoln County Irrig. Dist.....	Sutherland..	Keith-Lincoln Canal..	Irrig.	186.00	18	14	36	Keith.....	Feb.	2	1894	722	-----
North Platte R.	Paxton-Hershey Water Co.	Hershey.....	Paxton-Hershey Canal	Irrig.	130.00	18	14	33	Lincoln.....	Feb.	12	1894	653	-----
North Platte R.	Lisco Irrig. Dist.....	Lisco.....	Lisco Canal.....	Irrig.	5.37	14	18	47	Morrill.....	Mar.	27	1891	787	-----

"R" Denotes relocation.

**Mitchell Irrigation District's appropriation adjudicated in Wyoming.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
North Platte R.	North River Irrig. Dist.	Oshkosh	North River Canal	Irrig.	16.00	11	18	47	Morrill	Mar.	27	1894	787-R	
North Platte R.	Suburban Irrig. Dist.	North Platte	Suburban Canal	Irrig.	183.00	12	14	33	Lincoln	May	22	1894	662	
North Platte R.	Roberts, C. F.	Lewellen	Midland-Overland Canal	Irrig.	12.00	4	16	41	Garden	June	9	1894	789	
North Platte R.	Countryman, Chas., et al.	Oshkosh	Midland-Overland Canal	Irrig.	20.00	4	16	44	Garden	Aug.	11	1894	791	
North Platte R.	Hannah Irrig. Co.	Lisco	Hannah Canal	Irrig.	5.71	24	18	47	Morrill	Sept.	24	1894	886	
North Platte R.	Oshkosh Irrig. Dist.	Oshkosh	Oshkosh Canal	Irrig.	40.00	33	17	41	Garden	Oct.	5	1894	797	
North Platte R.	Beerline Canal Co.	Broadwater	Beerline Canal	Irrig.	30.00	24	19	49	Morrill	Oct.	13	1894	887	
North Platte R.	Spohn, William	Oshkosh	Spohn Canal	Irrig.	11.89	13	17	45	Garden	Dec.	6	1894	801	
North Platte R.	North River Irrig. Dist.	Oshkosh	North River Canal	Irrig.	1.25	14	18	47	Morrill	Dec.	6	1894	801-R	
North Platte R.	Rush Creek Irrig. Co.	Lisco	Rush Creek Canal	Irrig.	9.64	2	17	46	Garden	Dec.	11	1894	802	
North Platte R.	Lyons Irrig. Dist.	Oshkosh	Lyons Canal	Irrig.	42.14	30	17	44	Garden	Dec.	22	1894	803	
North Platte R.	Western Land and Cattle Co.	Omaha	Signal Bluff Canal	Irrig.	30.13	16	16	43	Garden	Jan.	16	1895	807	
North Platte R.	Alfalfa Irrig. District	Ogallala	Alfalfa Canal	Irrig.	100.00	1	15	42	Garden	Mar.	25	1895	738	
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Steamboat Canal	Irrig.	15.00	4	21	54	Scotts Bluff	Oct.	22	1895		186
North Platte R.	North River Irrig. District	Oshkosh	North River Canal	Irrig.	157.00	14	18	47	Morrill	Feb.	24	1896		243
North Platte R.	North River Irrig. District	Oshkosh	Oshkosh Canal	Irrig.	2.29	33	17	44	Garden	Feb.	24	1896		243-R
North Platte R.	Lisco Irrig. District	Lisco	Lisco Canal	Irrig.	9.00	14	18	47	Morrill	Feb.	21	1896		243
North Platte R.	Lees Creek Mutual Irrig. Company	Broadwater	Lamore Canal	Irrig.	20.00	31	19	48	Morrill	July	18	1896		327
North Platte R.	Steamboat Irrig. District	Melbeta	Steamboat Canal	Irrig.	.86	4	21	54	Scotts Bluff	July	22	1896		350
North Platte R.	Gering Irrig. District	Gering	Gering Canal	Irrig.	208.87	4	23	58	Scotts Bluff	Mar.	15	1897		365

North Platte R. (Camp Clark Seep and Red Willow Cr.)	Schermerhorn Irrig. Company	Bridgeport	Schermerhorn Canal	Irrig.	29.71	16	20	51	Morrill	Oct.	25	1897	418
North Platte R.	Schermerhorn Irrig. Company	Bridgeport	Alliance Canal	O. D.	A-118	9	20	51	Morrill	Oct.	25	1897	2088
North Platte R.	Farmers Irrig. Dist.	Scottsbluff	Tri-State (Columbia) Canal	Irrig.	600.00	3	23	58	Scotts Bluff	Apr.	14	1902	660
North Platte R.	Dept. of the Interior U. S. R. S.	Mitchell	Pathfinder Reservoir	Storage	†1070000 AF	34	20	84	Wyoming	Sept.	19	1904	768
North Platte R.	Gering and Fort Laramie Irrig. Dist.	Mitchell	Gering and Fort Laramie Canal	Irrig.	1530.00	11	26	65	Wyoming	Sept.	19	1904	768
North Platte R.	Northport Irrig. Dist.	Bridgeport	Tri-State Canal	Irrig.	230.00	11	26	65	Wyoming	Sept.	19	1904	768
North Platte R.	Pathfinder Irrig. Dist.	Mitchell	Inter-State Canal	Irrig.	1643.00	11	26	65	Wyoming	Sept.	19	1904	768
North Platte R.	Liebhardt Brothers	Denver, Colo.	Empire Enlargement	Irrig.	1.00	18	20	51	Morrill	July	20	1907	866
North Platte R.	Lisco Irrig. District	Lisco	Lisco Canal	Irrig.	3.00	14	18	47	Garden	Apr.	6	1910	991
North Platte R.	French Ditch Co.	Hampton	French Canal	Irrig.	11.00	9	23	60	Wyoming	Dec.	21	1911	1149
North Platte R. (Red Willow Creek)	Dobson, Mary E.	Lincoln	Dobson Canal	Irrig.	3.14	5	20	52	Morrill	Feb.	28	1912	1181
	Dobson, Mary E.	Lincoln	Dobson Lateral	Supple. A-1181		12	20	51	Morrill	Sept.	10	1915	1432
North Platte R.	Stone, Myron H.	San Diego, Cal.	Stone Canal	Irrig.	1.00	28	18	46	Morrill	Jan.	19	1915	1401
North Platte R.	French Ditch Co.	Hampton	French Canal	Irrig.	3.00	9	23	60	Wyoming	Sept.	11	1915	1433
North Platte R. and Red Wil- low Creek	Dobson, Mary E.	Lincoln	Dobson Lateral	Irrig.	.57	12	20	51	Morrill	Nov.	3	1915	1436
North Platte R.	Liebhardt, Harry G.	Denver, Colo.	Liebhardt Lateral	Irrig.	2.92	6	20	52	Morrill	Mar.	1	1916	1448
North Platte R.	Intermountain Ry. Light & Power Co.	Colo. Springs Colo.	Gering Hydroelectric Plant	Power	250.00	10	23	60	Wyoming	Apr.	15	1916	1452
North Platte R.	U. P. Railway Co.	Omaha	Locomotive Water Supply	Dom.	1.00	29	14	30	Lincoln	Jan.	19	1917	1472

†Represents reservoir capacity alleged by applicant.
"R" Denotes relocation.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R.	County	Mo.			D	Yr.
North Platte R.	French Ditch Co.	Hampton	French Canal	Irrig.	.60	9	23	60	Wyoming	Mar.	20	1920	1581
North Platte R.	North Platte Water Department	North Platte	Water Supply	Steam	.125	29	14	30	Lincoln	Mar.	16	1927	1912
North Platte R.	Great Western Sugar Company	Scottsbluff	Gering Factory	Mfg.	15.00	36	22	55	Scotts Bluff	Nov.	15	1928	2051
North Platte R.	Great Western Sugar Company	Scottsbluff	Gering Factory	O. D.	A-2051	26	22	55	Scotts Bluff	Nov.	15	1928	2150
North Platte R.	Maddox, P. P., et al.	North Platte	Pawnee Canal	Irrig.		35	14	30	Lincoln	Nov.	24	1928	2055*
North Platte R.	Chimney Rock Irrig. District	Bayard	Chimney Rock Canal	Irrig.	.67	1	20	53	Scotts Bluff	Feb.	2	1931	2190
North Platte River, and Tributaries	Farmers Irrig. Dist.	Scottsbluff	Farmers Irrig. District Plant	Power		10	23	58	Scotts Bluff	Nov.	17	1932	2291*
North Platte R.	Glasgow, Anna	Gering	Gering-Fort Laramie Canal	Irrig.	2.11	11	26	65	Wyoming	July	19	1933	2336
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Supply Canal	Storage	\$140,000 AF	2	14	38	Keith	Jan.	13	1934	2350
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte	Sutherland Supply Canal	Storage	\$6.00 AF	16	13	33	Lincoln	Jan.	13	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.	13	1934	2353

North Platte R.	Platte Valley Public Power and Irrig. District	North Platte.	Sutherland Supply Canal	Storage	\$150,000 AF	2	14	38	Keith.....	Feb.	8	1934	.....	2361
North Platte R.	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	Keystone Reservoir.....	Storage	\$2000000 AF	15	38	14	Keith.....	Apr.	27	1934	.....	2374
North Platte R.	Cooper, Wm. Miller.....	Gering.....	Gering-Fort Laramie Canal	Irrig.	1.46	11	26	65	Wyoming.....	May	5	1934	.....	2378
North Platte R.	Platte Valley Public Power and Irrig. District	North Platte.	North Platte Power Plant	Incr.Hd. A-2353		2	11	38	Keith.....	Sept.	19	1936	.....	2640*
Otter Creek.....	Felt, Elmer G., et al.	Lemoyne.....	Otter Creek (Cascade) Canal	Irrig.	3.30	5	15	40	Keith.....	Apr.	1	1891	1032	.....
Otter Creek.....	The Otter Creek Mutual Irrig. Co.....	Lemoyne.....	Otter Creek Canal.....	Irrig.	10.71	5	15	40	Keith.....	May	21	1912	.....	1198
Otter Creek.....	The Otter Creek Mutual Irrig. Co.....	Lemoyne.....	Otter Creek (Holcomb) Canal.....	Irrig.	15.40	5	15	40	Keith.....	Nov.	6	1912	.....	1
Otter Creek.....	The Otter Creek Mutual Irrig. Co.....	Lemoyne.....	Otter Creek (Peterson) Canal.....	Irrig.	1.32	5	15	40	Keith.....	Nov.	6	1912	.....	1210
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal.....	Irrig.	.79	12	22	58	Scotts Bluff..	Sept.	17	1897	.....	411
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal.....	Irrig.	1.14	12	22	58	Scotts Bluff..	Oct.	10	1904	.....	770
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal No. 2	Irrig.	1.14	12	22	58	Scotts Bluff..	Nov.	29	1907	.....	879
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal No. 1	Irrig.	.57	12	22	58	Scotts Bluff..	Nov.	29	1907	.....	881
Pawnee Creek...	Kent-Burke Company..	Genoa.....	Holcombe Canal.....	Irrig.	8.00	13	13	28	Lincoln.....	Oct.	18	1890	636	.....
Pawnee Creek...	Kent-Burke Company..	Genoa.....	Kent-Burke Canal.....	Irrig.	5.85	18	13	27	Lincoln.....	Nov.	16	1922	.....	1694

*Application pending.

‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam:			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Pawnee Creek	Janssen, H., Estate of	Gothenburg	Janssen Canal	Irrig.	8.42	20	13	27	Lincoln	Aug.	31	1931	.....	2231
Platte River	Central Power Co.	Grand Island	Kearney Canal	Irrig. Power	22.00 140.00	3	8	18	Buffalo	Sept.	10	1882	1023	.....
(Kearney Tail Race)	Peaker, Howard	Kearney	Peaker Pump	O. D.	D-1023	11	8	16	Buffalo	Sept.	10	1882	.....	1744
Platte River	Gothenburg Light and Power Company	Gothenburg	Gothenburg Canal	Irrig. Power	200.00	29	12	26	Lincoln	July	5	1890	615a	.....
Platte River	Kjar, Hans C., et al.	Lexington	Dawson County Canal	Irrig.	7.00	18	10	23	Dawson	June	14	1894	621-R	.....
Platte River	Dawson County Irrig. Company	Lexington	Dawson County Canal	Irrig.	1142.86	18	10	23	Dawson	June	26	1894	622	.....
(Buffalo Creek)	Savins, Richard T.	Lexington	Savins Pump	O. D.	D-622	22	10	21	Dawson	June	26	1894	.....	1495
(Buffalo Creek)	Doughty, Mrs. Ida	Lexington	Doughty Pump	O. D.	D-622	21	10	21	Dawson	June	26	1894	.....	1648
(Buffalo Creek)	Hodgson, Martha	Lexington	Hodgson Pump	O. D.	D-622	33	10	20	Dawson	June	26	1894	.....	1868
Platte River	Beatty, H. T.	Overton	Dawson County Canal	Irrig.	1.71	18	10	23	Dawson	Sept.	15	1894	624-R	.....
Platte River	Malm, T. H.	Lexington	Dawson County Canal	Irrig.	9.11	18	10	23	Dawson	Sept.	15	1894	624-R	.....
Platte River	Fellers, R. C.	Lexington	Dawson County Canal	Irrig.	.57	18	10	23	Dawson	Sept.	15	1894	624-R	.....
Platte River	Boyles, Carl J., et al.	Overton	Dawson County Canal	Irrig.	1.14	18	10	23	Dawson	Sept.	15	1894	624-R	.....
Platte River	Peterson, Elizabeth	Lexington	Dawson County Canal	Irrig.	2.30	18	10	23	Dawson	Sept.	15	1894	624-R	.....
Platte River	Dawson County Irrig. Company	Lexington	Dawson County Canal	Irrig.	28.54	18	10	23	Dawson	Sept.	15	1894	624-R	.....
(Dawson County Drainage District No. 1)	Orthman, Vernon C.	Lexington	Orthman Pump	O. D.	D-624	14	9	21	Dawson	Sept.	15	1894	.....	2129
(Ground Water)	Beatty, Henry M.	Lexington	Beatty Well	O. D.	D-624	20	9	20	Dawson	Sept.	15	1894	.....	2281
(Ground Water)	Beatty, H. T.	Overton	Beatty Well	O. D.	D-624	19	9	20	Dawson	Sept.	15	1894	.....	2513
(Strever Cr.)	Jurgenson, John	Overton	Jurgenson Pump	O. D.	D-624	35	9	20	Dawson	Sept.	15	1894	.....	2049
Platte River	Gothenburg Light and Power Company	Gothenburg	Gothenburg Canal	Irrig.	240.00	29	12	26	Lincoln	Sept.	22	1894	645b	.....

(Peden's Lake)	Bean, Smith and Good	Cozad.....	Excell Canal.....	O. D.	D-645b	12	11	23	Dawson.....	Sept.	22	1894	.....	1860
Platte River.....	Six Mile Ditch Co.....	Gothenburg..	Six Mile Canal.....	Irrig.	40.00	11	11	28	Lincoln.....	Oct.	22	1894	680	.....
Platte River.....	Cozad Ditch Company	Cozad.....	Cozad Canal.....	Irrig.	614.28	16	11	25	Dawson.....	Dec.	28	1894	626	.....
Platte River.....	South Side Irrig. Co..	Cozad.....	Crechard-Alfalfa Canal	Irrig.	85.00	9	10	24	Dawson.....	Jan.	23	1895	627	.....
Platte River.....	Central Power Co.....	Grand Island	Kearney Canal.....	Power	485.00	3	8	18	Buffalo.....	Feb.	12	1920	.....	1577
Platte River.....	Central Power Co.....	Grand Island	Central Power Co.	Steam Plant.....	Steam	925.00	29	11	8	Merrick.....	Aug.	12	1920	1588
Platte River.....	Steele, Chas.....	Elm Creek..	Cottonwood Canal.....	Irrig.	5.33	7	8	18	Phelps.....	Dec.	15	1921	.....	1629
Platte River.....	Faught, Carl B., et al.	Cozad.....	Faught Pump.....	Irrig.	.80	9	10	24	Dawson.....	Oct.	20	1925	.....	1781
Platte River.....	Johnson, P. L.....	Hastings...	Johnson Pump.....	Irrig.	2.56	1	8	13	Buffalo.....	Feb.	13	1926	.....	1796
Platte River.....	Hagge, Fred, et al.....	Grand Island	Hagge Pump.....	Irrig.	4.58	28	11	9	Hall.....	Aug.	24	1926	.....	1849
Platte River.....	Thirty Mile Canal Co	Gothenburg..	Thirty Mile Canal.....	Irrig.	275.06	30	12	26	Lincoln.....	Sept.	7	1928	.....	1853
Platte River.....	Robertson, Nina.....	Cozad.....	Robertson Pump.....	Irrig.	.75	9	10	24	Dawson.....	Nov.	2	1928	.....	1870
Platte River.....	Van Nortwick, Mrs. Wesley.....	Cozad.....	Van Nortwick Pump.....	Irrig.	2.38	15	10	24	Dawson.....	July	18	1927	.....	1942
Platte River.....	Frost, Matts.....	Overton.....	Frost Canal.....	Irrig.	1.43	16	9	20	Dawson.....	Sept.	3	1927	.....	1957
Platte River.....	Priel, W. M.....	Overton.....	Priel Canal.....	Irrig.	2.27	22	9	20	Dawson.....	Sept.	3	1927	.....	1958
Platte River.....	Thirty Mile Canal Co.	Gothenburg..	Thirty Mile Canal.....	Irrig.	50.79	30	12	26	Lincoln.....	Dec.	13	1927	.....	1976
Platte River.....	Schulz, Louis F.....	Brady.....	Schulz Pump.....	Irrig.	2.10	20	12	27	Lincoln.....	Oct.	1	1928	.....	2038
Platte River.....	Berquist, J. T., et al.	Lexington...	Dawson County Canal	Irrig.	91.11	18	10	23	Dawson.....	Oct.	3	1928	.....	2039
(Strever Cr.)	Wengler, J. P.....	Overton.....	Wengler Canal.....	O. D.	A-2039	27	9	20	Dawson.....	Oct.	3	1928	.....	2101
Platte River.....	Strever, James B.....	Cozad.....	Cozad Canal.....	Irrig.	1.09	15	11	25	Dawson.....	Oct.	20	1928	.....	2050
Platte River.....	Carter, Wm.....	Cozad.....	Cozad Canal.....	Irrig.	2.28	15	11	25	Dawson.....	Dec.	7	1928	.....	2056
Platte River.....	Thirty Mile Canal Co.	Gothenburg..	Thirty Mile Canal.....	Irrig.	4.57	30	12	26	Lincoln.....	Apr.	9	1929	.....	2077
Platte River.....	Pettitt, Joe, et al.....	Elm Creek..	Dawson County Canal	Irrig.	3.00	18	10	23	Dawson.....	Aug.	3	1929	.....	2093
Platte River.....	Elm Creek Ditch Co...	Elm Creek..	Elm Creek Canal.....	Irrig.	227.00	6	8	19	Dawson.....	Sept.	17	1929	.....	2104
Platte River.....	Dawson County Irrig Company.....	Lexington...	Dawson County Enlargement.....	Irrig.	284.91	18	10	23	Dawson.....	Oct.	25	1929	.....	2110
Platte River.....	Dawson County Irrig Company.....	Lexington...	Beatty Lateral.....	Irrig.	14.21	18	10	23	Dawson.....	June	14	1930	.....	2145
Platte River.....	Eavey, W. J.....	Hastings...	Eavey Pump.....	Irrig.	1.70	3	12	27	Lincoln.....	Feb.	20	1931	.....	2191
Platte River.....	Dawson County Irrig Company.....	Lexington...	Dawson County Enlargement.....	Irrig.	12.71	18	10	23	Dawson.....	Mar.	1	1932	.....	2262

"R" Denotes relocation.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Platte River.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	The Central Nebraska Supply Canal.....	Irrig.	3571.00	8	13	29	Lincoln.....	Jan.	13	1934	.....	2355
						2	8	21	Gosper.....					
						17	8	15	Kearney.....					
Platte River.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	The Central Nebraska Supply Canal.....	Storage	1509,000 AF	8	13	29	Lincoln.....	Apr.	27	1934	.....	2351
Platte River.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	The Central Nebraska Supply Canal.....	Power	1500.00	8	13	29	Lincoln.....	Apr.	27	1934	.....	2354
Plum Creek.....	Delatour, Agnes E.....	Lewellen.....	Plum Creek Reservoir	Irrig.	.74	23	16	42	Garden.....	Jan.	12	1914	.....	1344
Plum Creek.....	Delatour, Agnes E.....	Lewellen.....	Plum Creek Reservoir	Irrig.	.10	11	16	42	Garden.....	Jan.	12	1914	.....	1344-R
Plum Creek.....	Bossung, E. S., et al.....	Smithfield.....	Bossung Pump.....	Irrig.	.33	5	7	21	Gosper.....	Mar.	11	1935	.....	2527
Prairie Creek.....	MacQueen, Glen D.....	Silver Creek.....	Braeside Pump.....	Irrig.	7.89	29	16	3	Merrick.....	Sept.	8	1931	.....	2235
Pumpkinseed Cr.	Kelley, Wm. J.....	Harrisburg.....	Kelley Canal.....	Irrig.	1.43	5	19	51	Banner.....	May	10	1886	915	.....
Pumpkinseed Cr.	Zing, Henry N.....	Platte Center.....	Heard Canals 1-2.....	Irrig.	1.29	11	19	51	Banner.....	June	1	1887	916	.....
Pumpkinseed Cr.	Olson, Albert H.....	Harrisburg.....	Logan Canal.....	Irrig.	4.00	7	19	55	Banner.....	July	16	1890	902	.....
Pumpkinseed Cr.	Court House Rock Company	Bridgeport.....	Court House Rock Canal	Irrig.	30.50	30	19	50	Morrill.....	Oct.	6	1890	810	.....
Pumpkinseed Cr.	Court House Rock Company	Bridgeport.....	Court House Rock Canal	Irrig.		30	19	50	Morrill.....	Oct.	6	1890	1028	.....

Pumpkinseed Cr.	Nielsen, Eiler S. and Halvor G.	Bridgeport	Smith-Wheeler South Canal	Irrig.	1.57	26	19	51	Morrill	Oct.	10	1890	812a	.....
Pumpkinseed Cr.	Mutual Ditch Co.	Redington	Mutual Canal	Irrig.	8.57	33	19	52	Morrill	Nov.	1	1890	813	.....
Pumpkinseed Cr.	Sweet, S. R.	Bridgeport	Meredith-Ammer Canal	Irrig.	14.00	23	19	50	Morrill	Feb.	20	1893	876	.....
Pumpkinseed Cr.	Finn and Trott	Bridgeport	Last Chance Canal	Irrig.	6.33	27	19	50	Morrill	Apr.	12	1894	883	.....
Pumpkinseed Cr.	McCord, Mrs. Gracie	San Bernardino, Cal.	Round House Rock Canal	Irrig.	2.77	28	19	51	Morrill	May	29	1894	884	.....
Pumpkinseed Cr.	Nunn, Rose	Bridgeport	Nunn Canal	Irrig.	.23	27	19	51	Morrill	May	29	1894	884-R	.....
Pumpkinseed Cr.	Quinn, T. E.	Bridgeport	Bird Cage Canal	Irrig.	1.00	20	19	51	Morrill	June	1	1895	892	.....
Pumpkinseed Cr.	Nielsen, Eiler S. and Halvor G.	Bridgeport	Smith-Wheeler North Canal	Irrig.	.71	26	19	51	Morrill	June	1	1896	842b	.....
Pumpkinseed Cr.	Cluck, Millard	Harrisburg	Peter Canal	Irrig.	2.57	2	19	56	Banner	July	1	1902	913	.....
Pumpkinseed Cr.	Airedale Ranch and Cattle Company	Scottsbluff	Airedale Canal No. 1	Irrig.	5.52	2	19	55	Banner	Jan.	24	1903	.....	698
Pumpkinseed Cr.	Airedale Ranch and Cattle Company	Scottsbluff	Airedale Canal No. 2	Irrig.	3.22	1	19	55	Banner	Jan.	21	1903	.....	699
Pumpkinseed Cr.	Gifford, Owen	Gering	Scott Reservoir	Storage	2AF	7	19	55	Banner	June	21	1903	.....	711
Pumpkinseed Cr.	Gifford, Owen	Gering	Scott Canal	Irrig.	1.31	7	19	53	Banner	June	21	1903	.....	711
Pumpkinseed Cr.	Seybolt, Albert	Bridgeport	Swanger Canal	Irrig.	.43	30	19	50	Morrill	Feb.	28	1907	.....	851
Pumpkinseed Cr.	Airedale Ranch and Cattle Company	Scottsbluff	Airedale Canal No. 2	Irrig.	1.48	1	19	55	Banner	Oct.	26	1911	.....	1133
Pumpkinseed Cr.	Airedale Ranch and Cattle Company	Scottsbluff	Airedale Canal No. 1	Irrig.	.51	2	19	55	Banner	Sept.	4	1914	.....	1380
Pumpkinseed Cr.	Airedale Ranch and Cattle Company	Scottsbluff	Airedale Canal No. 3	Irrig.	4.41	2	19	55	Banner	Mar.	15	1918	.....	1508
Pumpkinseed Cr.	Quinn, T. E.	Bridgeport	Quinn Canal	Irrig.	.23	20	19	51	Morrill	Oct.	15	1919	.....	1561
Pumpkinseed Cr.	Sears, Willis G.	Gmaha	Sears Pump	Irrig.	1.68	25	19	53	Banner	Dec.	20	1929	.....	2117
Pumpkinseed Cr.	Sears, Willis G.	Gmaha	Sears Pump	Irrig.		25	19	53	Banner	June	2	1932	.....	2272*

*Application pending.

†Represents reservoir capacity alleged by applicant.

"R" Denotes relocation.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Pumpkinseed Cr.	Reuter, Leonard	Bridgeport	Court House Rock Enlargement	Irrig.	.08	30	19	50	Morrill	Apr.	11	1933	2315
Red Willow Cr. (See North Platte River)	Dobson, Mary E.	Lincoln	Dobson Lateral	Irrig.	2.00	12	20	51	Morrill	Sept.	10	1915	1432
Red Willow Cr. (See North Platte River)	Dobson, Mary E.	Lincoln	Dobson Lateral	Irrig.		12	20	51	Morrill	Nov.	3	1915	1436
Sand Creek	Harris, Arch.	Lemoine	Patrick Canal	Irrig.	2.43	10	15	40	Keith	May	31	1891	725
Sand Creek	Nissen, Peter	Lemoine	Nissen Canal	Irrig.	3.07	10	15	40	Keith	Mar.	18	1901	606
Scheutz Springs	Scheutz, Louis	Dalton	Scheutz Canal	Irrig.	.21	28	18	50	Morrill	May	10	1892	881
Seep from Lake	Huffman, M. J.	Gering	Huffman Canal	Irrig.	1.60	26	21	54	Scotts Bluff.	Mar.	19	1909	937
Sheep Creek	Nash, Charles A.	Henry	Little Moon Canal	Irrig.	1.00	10	24	58	Sioux	Mar.	23	1904	745
Sheep Creek	Covert, Pitt	Cheyenne, Wyo	Nebraska Reservoir Canal	Irrig.	3.57	36	27	58	Sioux	May	18	1907	850
Sheep Creek	Carpenter and Broadbent	Morrill	West Fork Canal	Irrig.	5.14	1	26	58	Sioux	Sept.	21	1907	871
Sheep Creek	Cunningham, H. B.	Exeter	Lower Canal	Irrig.	.37	11	25	58	Sioux	Nov.	2	1907	875
Sheep Creek	Carpenter and Broadbent	Morrill	Horse Camp Reservoir	Irrig.	.43	36	27	58	Sioux	Jan.	20	1908	885
Sheep Creek (See North Platte River)	Sheep Creek Lateral Company	Morrill	Sheep Creek Lateral	Irrig.	.10	8	23	57	Scotts Bluff.	Feb.	20	1912	1176

Sheep Creek, Draw, tributary to.....	Sheep Creek Lateral Company	Morrill.....	Sheep Creek Lateral.....	Irrig.	.28	8	23	57	Scotts Bluff.....	Feb.	20	1915	.....	1403
Sheep Creek Drain	Morrill and Sons.....	Scottsbluff.....	Morrill and Sons Power Plant.....	Power		21	23	57	Scotts Bluff.....	Jan.	13	1933	.....	2296*
Skunk Creek.....	Knight, H. H.....	Keystone.....	Miller Canal.....	Irrig.	2.29	1	14	37	Keith.....	Apr.	1	1895	740	.....
Skunk Creek.....	Maddox, P. P.....	North Platte.....	Skunk Creek Canal.....	Irrig.	5.00	6	14	36	Keith.....	Nov.	5	1909	.....	968
Slough, Warm.....	Johnson, Abram M.....	Gibbon.....	Johnson Pump.....	Irrig.	.50	30	9	13	Buffalo.....	Feb.	20	1923	.....	1707
Snake Creek.....	Kilpatrick Brothers.....	Beatrice.....	Oasis Canal.....	Irrig.	54.86	6	24	51	Box Butte.....	June	6	1894	567	.....
Snake Creek.....	Kilpatrick Brothers.....	Beatrice.....	Kilpatrick Reservoir No. 1.....	Storage	12300AF	1	24	52	Box Butte.....	June	7	1911	.....	1104
(Res. A-1104).....	Kilpatrick Brothers.....	Beatrice.....	Kilpatrick North and South Canals.....	Irrig.		6	24	51	Box Butte.....	June	7	1911	.....	1159
South Platte R.....	Hollingsworth, Clark.....	Ogallala.....	Hollingsworth Canal.....	Irrig.	30.00	7	13	38	Keith.....	June	5	1894	723	.....
South Platte R.....	Reck, Wm. J.....	Big Springs.....	Miller-Warren Canal.....	Irrig.	.57	7	12	42	Deuel.....	Jan.	5	1895	805	.....
South Platte R.....	Meyer, Henry.....	Brule.....	Meyer Canal.....	Irrig.	1.46	22	13	40	Keith.....	Apr.	14	1896	.....	283
South Platte R.....	Western Irrig. Dist.....	Big Springs.....	Western Canal.....	Irrig.	**120.00	29	13	41	Keith.....	June	14	1897	.....	393
South Platte R.....	Beal, Orvill.....	Brule.....	Beal Power Plant.....	Power	17.60	20	13	10	Keith.....	Sept.	20	1921	.....	1619
South Platte R.....	Beal, Orvill.....	Brule.....	Beal Canal.....	Irrig.	5.16	20	13	10	Keith.....	Sept.	20	1921	.....	1620
South Platte R.....	Goodall, Robt., et al.....	Ogallala.....	.....	Storage					Deuel.....	Dec.	17	1921	.....	1630*
South Platte R.....	Western Irrig. Dist.....	Big Springs.....	Western Canal.....	Irrig.	11.43	29	13	41	Keith.....	Apr.	13	1926	.....	1804
South Platte R.....	Junge, M. F.....	Big Springs.....	Junge Canal.....	Irrig.	1.07	31	13	41	Deuel.....	Sept.	11	1926	.....	1857
South Platte R.....	Paxton Irrig. Dist.....	Paxton.....	Paxton Canal.....	Irrig.	70.19	1	13	38	Keith.....	Nov.	22	1926	.....	1871
Spotted Tail, Dry.....	Great Western Sugar Company	Scottsbluff.....	Mitchell Factory.....	Mfg.	15.00	20	23	56	Scotts Bluff.....	Mar.	24	1920	.....	1582

*Application pending.

†Represents reservoir capacity alleged by applicant.

**120.00 Second-feet stipulated under Colorado-Nebraska South Platte River compact.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Spotted Tail, Wet	Storz, G.	Omaha	Stewart Reservoir	Irrig.	1.59	26	24	56	Sioux	Mar.	2	1904	743
Spotted Tail, Wet	Storz, G.	Omaha	Brown Canal	Irrig.	2.28	2	23	56	Scotts Bluff	Mar.	17	1911	1072
Spotted Tail, Wet	Young, Thos. H.	Mitchell	Spring Creek Reservoir	Ice	120AF	27	23	56	Scotts Bluff	Feb.	6	1922	1642
Springs, Tribu- tary to North Platte River	Gatch, Chas	Melbeta	Gatch Canal	Irrig.	.93	25	21	54	Scotts Bluff	Aug.	21	1912	1220
Spring Branch	Brogan Brothers	Keystone	Brogan Canal	Irrig.	.57	35	15	37	Keith	Sept.	24	1897	410
Spring Creek	Barden, Wm. E.	Redington	Barden Pump	Irrig.	.89	11	18	52	Morrill	June	17	1929	2086
Spring Creek	U. P. Railway Co.	Omaha	Frazier Lake	Ice	1.00	35	14	30	Lincoln	Sept.	6	1907	868
Spring Creek	Otter Creek Mutual Irrig. Company	Lemoyne	Spring Creek Canal	Irrig.	.57	12	15	40	Keith	June	18	1891	724
Spring Creek, Little	Keystone Irrig. Co.	Keystone	Little Spring Canal	Irrig.	.57	29	15	37	Keith	Apr.	1	1902	659
Spring Creek, Little	Beatty, Wallace D.	Scottsbluff	Shramek Canal	Irrig.	1.53	22	22	55	Scotts Bluff	June	9	1913	1295
Spring Creek, Little	Gilchrist, M. B.	Scottsbluff	Gilchrist Canal	Irrig.	.14	22	22	55	Scotts Bluff	July	29	1913	1310
Spring Creek, Little	Scottsbluff Inv. Co.	Scottsbluff	Shramek Enlargement	Irrig.	.57	22	22	55	Scotts Bluff	July	30	1917	1492
Spring Creek, Little	Martin, D. H.	Scottsbluff	Shramek Enlargement	Irrig.	.11	22	22	55	Scotts Bluff	June	3	1918	1515

Strever Creek (Buffalo Cr.)	Jensen, Anton	Cozad	Jensen Canal	Irrig.	.56	23	11	23	Dawson	July	27	1925	1772
Strever Creek (Buffalo Cr.)	Anders, Ida M.	Cozad	Anders Canal	Irrig.	1.10	23	11	23	Dawson	July	27	1925	1773
Strever Creek (Buffalo Cr.)	Gardner, H. L.	Cozad	Gardner Pump	Irrig.	1.00	30	12	23	Dawson	Apr.	11	1927	1921
Strever Creek (Buffalo Cr.)	Siebenaler, Mat.	Overton	Siebenaler Pump	Irrig.	2.31	6	8	19	Dawson	Nov.	22	1927	1969
Strever Creek (Buffalo Cr.)	Beatty, Harry T.	Overton	Beatty Canal	Irrig.	1.13	18	9	20	Dawson	June	3	1929	2083
Strever Creek	Peterson, P. R.	Lexington	Peterson Pump	Irrig.	1.11	18	9	20	Dawson	Aug.	8	1929	2091
Strever Creek	Bend, John T.	Overton	Bend Canal	Irrig.	1.63	36	9	20	Dawson	Aug.	26	1929	2090
Strever Creek	Jurgenson, Henry	Overton	Jurgenson Pump	Irrig.	1.63	35	9	20	Dawson	May	7	1931	2202
White Horse Cr.	Tobin Inv. Co. and Herrod, Catherine	North Platte	Lamplough Lake	Irrig.	2.86	8	14	30	Lincoln	Dec.	31	1883	658
White Horse Cr.	Bratt, John, Estate of	North Platte	Bratt Canal	Irrig.	6.00	9	14	30	Lincoln	Aug.	25	1913	1316
White Horse Cr.	McCrone, Scott	North Platte	McCrone Pump	Irrig.	1.71	5	14	30	Lincoln	Mar.	10	1930	2127
White Tail Cr.	McCarthy, J. M.	Keystone	McCarthy Canal	Irrig.	1.00	36	15	38	Keith	July	15	1890	749
White Tail Cr.	McGinley, Geo., et al.	Keystone	Halloway-Phelps Canal	Irrig.	3.86	36	15	38	Keith	June	1	1893	717
White Tail Cr.	McGinley, Geo., et al.	Keystone	Keystone Canal	Irrig.	8.00	26	15	38	Keith	Oct.	30	1894	730
White Tail Cr.	Noble, Bert A.	Keystone	Reed Canal	Irrig.	.57	15	15	38	Keith	May	15	1895	751
White Tail Cr. (Paxton Creek)	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	39.00	26	15	38	Keith	Apr.	26	1902	662b
White Tail Cr.	Coyner, S. C.	Keystone	Coyner Canal	O. D.	A-662b	31	15	37	Keith	Apr.	26	1902	662b
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	4.30	26	15	38	Keith	Nov.	30	1906	843
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	7.41	26	15	38	Keith	May	27	1910	1003
Willow Creek	Banner County Bank	Harrisburg	Willow Springs Canal No. 1	Irrig.	.57	16	19	56	Banner	Jan.	21	1902	650
Willow Creek	Banner County Bank	Harrisburg	Willow Springs Canal No. 2	Irrig.	.86	16	19	56	Banner	Jan.	21	1902	651
Willow Creek	Cross, Inez V.	Harrisburg	Cross Canal	Irrig.	1.70	16	19	56	Banner	May	8	1926	1808
Willow Creek	Stafford, Margaret	Sarben	Stafford Canal	Irrig.	.80	15	14	35	Keith	Nov.	20	1929	2114
Willow Creek	McFadden, M. J.	Sarben	McFadden Canal	Irrig.	.80	14	14	35	Keith	May	26	1930	2142

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
Willow Creek	Knight, W. F.	Sarben	Willow Creek Canal	Irrig.		15	14	35	Keith	Oct.	13	1934	2488*
Winters Creek	Bouton, Chas. A.	Gering	Bouton Canal	Irrig.	1.00	3	22	51	Scotts Bluff	Aug.	17	1889	923
Winters Creek	Great Western Sugar Company	Scottsbluff	Scottsbluff Factory	Mfg.	15.00	19	22	54	Scotts Bluff	Oct.	4	1920	1592
Wood River	Ashburn, J. N.	Gibbon	Ashburn Canal	Power	40.00	13	9	14	Buffalo	Nov.	1	1873	993
Wood River	Bearss, Guy S.	Kearney	Bearss Canal	Power	25.40	13	9	16	Buffalo	May	1	1881	995
Wood River	Klein, J. J.	Kearney	White Bridge Park	Irrig.	.03	8	9	15	Buffalo	Mar.	14	1900	545a
Wood River	Klein, J. J.	Kearney	White Bridge Park	Power	10.00	8	9	15	Buffalo	Mar.	14	1900	545b
Wood River	Jacobsen, C. A.	Riverdale	Jacobsen Canal	Irrig.	.50	31	10	16	Buffalo	Nov.	10	1910	1038
Wood River	Jacobsen, C. A.	Riverdale	Jacobsen Reservoir	Irrig.	4.00	36	10	13	Buffalo	Sept.	21	1912	1227
Wood River	Kimbrough, Cora	Shelton	Kimbrough Canal	Storage	3000 AF	31	10	16	Buffalo	Feb.	3	1920	1576
Wood River	Jacobsen, C. A.	Riverdale	Jacobsen Reservoir	Storage	3000 AF	31	10	16	Buffalo	Feb.	3	1920	1576
Wood River	Haug, James	Shelton	Haug Pump	Irrig.	.64	9	9	13	Buffalo	Sept.	7	1920	1590
Wood River	Haug, James	Shelton	Haug Pump	Irrig.	1.07	10	9	13	Buffalo	July	11	1921	1611
Wood River	Peterson, C.	Shelton	Peterson Pump	Irrig.	1.07	10	9	13	Buffalo	July	11	1921	1611
Wood River	Peterson, C.	Shelton	Peterson Pump	Irrig.	2.28	8	9	13	Buffalo	Aug.	29	1921	1616
Wood River	Nutter, M. D.	Shelton	Nutter Pump	Irrig.	2.28	8	9	13	Buffalo	Aug.	29	1921	1616
Wood River	Rodgers, J. H.	Gibbon	Rodgers Pump	Irrig.	.30	14	9	14	Buffalo	Feb.	4	1922	1641
Wood River	Nebr. Conf. Assn. of Seven Day Advnt.	Shelton	Shelton Academy Pump	Irrig.	2.28	31	10	12	Hall	Feb.	16	1922	1643
Wood River	Haug, James	Shelton	Haug Pump No. 2	Irrig.	.92	9	9	13	Buffalo	Feb.	23	1922	1644
Wood River	Hallen, Hjalmar	Kearney	Hallen Reservoir	Storage	1 AF	5	9	16	Buffalo	Apr.	4	1922	1654
Wood River	Hallen, Hjalmar	Kearney	Hallen Dam	Irrig.	.47	5	9	16	Buffalo	Apr.	17	1922	1656
Wood River	Durtschi, Rudolph	Wood River	Durtschi Pump	Irrig.	1.37	18	10	11	Hall	May	22	1922	1668
Wood River	Howe, Lloyd M.	Wood River	Howe Pump	Irrig.	.54	17	10	11	Hall	July	14	1922	1679
Wood River	Wilson, C. C.	Omaha	Wilson Pump	Irrig.	1.21	14	9	15	Buffalo	Nov.	15	1922	1693
Wood River	Wilson, C. C.	Omaha	Wilson Pump	Irrig.	1.21	14	9	15	Buffalo	Nov.	15	1922	1693
Wood River	Smith, Evan F.	Shelton	Smith Pump	Irrig.	1.04	1	9	13	Buffalo	Jan.	12	1923	1702
Wood River	Ross, W. M.	Gibbon	Ross Pump	Irrig.	.26	13	9	14	Buffalo	Apr.	28	1924	1743
Wood River	Travelers Insurance Company	Omaha	Foley Pump	Irrig.	1.76	36	10	17	Buffalo	Dec.	2	1924	1753

Wood River.....	Richardson, Frank.....	Gibbon.....	Richardson Pump.....	Irrig.....	.49	13	9	14	Buffalo.....	Sept.	8	1925	.....	1780
Wood River.....	Wilcox, Eva C.....	Gibbon.....	Wilcox Pump.....	Irrig.....	.90	8	9	13	Buffalo.....	Jan.	22	1926	.....	1793
Wood River.....	Nutter, John N.....	Gibbon.....	Darby Pump.....	Irrig.....	.70	8	9	13	Buffalo.....	Feb.	10	1926	.....	1794
Wood River.....	Kirk, I. A.....	Gibbon.....	Kirk Pumps.....	Irrig.....	2.57	14	9	14	Buffalo.....	Feb.	23	1926	.....	1797
								16	9	14				
Wood River.....	Langan, Thos.....	Wood River.....	Langan Pump.....	Irrig.....	1.14	19	10	11	Hall.....	Mar.	19	1926	.....	1800
Wood River.....	McConnell, M. C.....	Gibbon.....	McConnell Pump.....	Irrig.....	3.43	7	9	13	Buffalo.....	Apr.	21	1926	.....	1805
Wood River.....	Mercer, Howard R.....	Gibbon.....	Mercer Pump.....	Irrig.....	.80	9	9	14	Buffalo.....	May	25	1926	.....	1811
Wood River.....	Oliver Brothers.....	Shelton.....	Wood River Pump.....	Irrig.....	1.57	2	9	13	Buffalo.....	June	15	1926	.....	1818
Wood River.....	Carlson, Carl E.....	Shelton.....	Carlson Pump.....	Irrig.....	1.10	35	10	13	Buffalo.....	July	19	1926	.....	1830
Wood River.....	Hayman, O. O.....	Shelton.....	Hayman Pump.....	Irrig.....	.57	4	9	13	Buffalo.....	July	20	1926	.....	1831
Wood River.....	Power and Son.....	Gibbon.....	Power Pump.....	Irrig.....	.41	13	9	14	Buffalo.....	July	24	1926	.....	1834
Wood River.....	Schnoor, Jacob.....	Amherst.....	Schnoor Pump.....	Irrig.....	.80	16	10	17	Buffalo.....	Oct.	18	1926	.....	1867
Wood River.....	Oliver, Henry E. Jr.....	Shelton.....	Oliver Pump.....	Irrig.....	.86	9	9	13	Buffalo.....	Feb.	29	1928	.....	1987
Wood River.....	Nickel, Emil.....	Kearney.....	Nickel Pump.....	Irrig.....	1.95	12	9	16	Buffalo.....	July	16	1930	.....	2148
Wood River.....	Abels, Carl H.....	Amherst.....	Abels Pump.....	Irrig.....	1.23	6	10	17	Buffalo.....	Jan.	10	1931	.....	2186

*Map pending.

‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Arikaree R.....	Jenkins, Chas. T.....	Haigler.....	Haigler Reservoir Canal.....	Irrig.	171.00	15	18	42	State of Colorado.....	Jan.	21	1910	---	979
Askey Lake.....	Pleas, Walter P.....	Oxford.....	Pleas Pump.....	Irrig.	2.31	5	3	21	Furnas.....	Jan.	4	1930	---	2120
Beaver Creek.....	Newton, Thos. F.....	Beaver City.....	Newton Pump.....	Irrig.	.97	10	2	21	Furnas.....	Apr.	11	1927	---	1923
Beaver Creek.....	Versaw, Paul E.....	Beaver City.....	Versaw Pump.....	Irrig.	1.22	22	2	23	Furnas.....	Feb.	11	1928	---	1982
Beaver Creek.....	Weber, John.....	Lebanon.....	Weber Pump.....	Irrig.	1.43	17	1	26	Red Willow.....	Aug.	8	1930	---	2156
Beaver Creek.....	Fletcher, G. W.....	Beaver City.....	Fletcher Pump.....	Irrig.	.43	24	2	23	Furnas.....	Aug.	8	1933	---	2342
Bell Creek.....	Bell, J. E.....	Superior.....	Valley Reservoir.....	Storage	125AF	29	1	6	Nuckolls.....	Apr.	30	1928	---	2013
Berger Creek..... (See School Cr.)	Sughroue, Edward.....	Indianola.....	Sughroue Pump.....	Irrig.	.64	15	3	27	Red Willow.....	Aug.	16	1932	---	2280
Buffalo Creek.....	Allen, B. Frank, et al.....	Haigler.....	Allen-Larned Canal.....	Irrig.	6.00	18	1	49	Dundy.....	Oct.	16	1890	117	---
Buffalo Creek.....	Porter and Son, J. R.....	Haigler.....	Porter Canal.....	Irrig.	2.68	1	1	41	Dundy.....	Nov.	26	1890	171	---
Buffalo Creek.....	Jenkins, Chas. T.....	Haigler.....	Jenkins Canal No. 1.....	Irrig.	4.57	18	1	40	Dundy.....	Dec.	12	1908	---	924
Buffalo Creek.....	Porter Land and Investment Co.....	Haigler.....	Porter Canal.....	Irrig.	3.32	1	1	41	Dundy.....	June	23	1913	---	1298
Brush Creek.....	Lofton, Frank S.....	McCook.....	Brush Creek Reservoir.....	Storage	1250AF	3	2	29	Red Willow.....	June	1	1912	---	1201
Bushy Creek.....	Young, Lee.....	Maywood.....	Young Canal.....	Irrig.	.20	33	8	29	Frontier.....	Apr.	5	1927	---	1921
Center Creek.....	Gregory, A. B. and P. C.....	Franklin.....	Gregory Canal.....	Irrig.	2.00	1	1	15	Franklin.....	Aug.	11	1894	182	---
Center Creek.....	Joy, C. G., et al.....	Franklin.....	Blank and Joy Canal.....	Irrig.	2.82	1	1	15	Franklin.....	Aug.	17	1928	---	2025
Cook Creek.....	Haskell, W. G., Estate of.....	Alma.....	Cook Creek Canal.....	Irrig.	2.20	33	2	18	Harlan.....	July	21	1917	---	1491

Cook Creek.....	Shaffer, Frank.....	Alma.....	Shaffer Canal.....	Irrig.	1.08	33	2	18	Harlan.....	July	19	1918	.....	1517
Cook Creek.....	Shaffer, Frank.....	Alma.....	Shaffer Reservoir.....	Storage	3.21	AF 33	2	18	Harlan.....	Aug.	24	1918	.....	1522
Cottonwood, Big	Morlan, Henry, Est.....	Bloomington.....	Bloomington Canal.....	Irrig.	.50	25	2	16	Franklin.....	Dec.	31	1881	185	.....
Cottonwood, Big	Siegel, Benj. E.....	Naponee.....	Bloomington Mill.....	Power	6.00	25	2	16	Franklin.....	Nov.	23	1898	.....	483
				Irrig.	1.06									
Cottonwood, Lit.	Gardner, C. D.....	Bloomington.....	Gardner Canal.....	Irrig.	1.14	6	1	15	Franklin.....	Mar.	20	1922	.....	1647
Cottonwood, Lit.	Bradshaw, Geo. F.....	Bloomington.....	Home Irrig. Plant.....	Irrig.	.23	6	1	15	Franklin.....	Apr.	27	1922	.....	1661
Craig Creek.....	Hoylman, M. B.....	Naponee.....	Hoylman Canal.....	Irrig.	1.69	14	1	17	Harlan.....	Aug.	1	1927	.....	1948
Crooked Creek.....	Kaley, C. H.....	Red Cloud.....	Fish Pond.....	Fish	1.00	1	1	11	Webster.....	May	7	1902	.....	665
Crooked Creek.....	Slawson, E. R.....	Red Cloud.....	Slawson Ice Pond.....	Storage	5.5	AF 1	1	11	Webster.....	Aug.	8	1912	.....	1213
Crooked Creek.....	Perry, Lora B.....	Red Cloud.....	Weesner Canal.....	Irrig.	.30	36	2	11	Webster.....	June	23	1925	.....	1765
Crystal Springs	Eshelman, C. F.....	Riverton.....	Crystal Springs Canal	Irrig.	.28	10	2	13	Franklin.....	Aug.	17	1921	.....	1615
Curtis Creek.....	Nelson, D. O. and H. L.....	Curtis.....	Nelson Pump.....	Irrig.	.27	36	8	28	Frontier.....	Apr.	19	1927	.....	1927
Deep Creek.....	Runck, John J.....	Orleans.....	Runck Pump No. 2.....	Irrig.	.65	22	3	20	Harlan.....	Sept.	18	1928	.....	2030
Driftwood Cr.....	Schmitz, Mrs. J. A.....	McCook.....	Schmitz Canal.....	Irrig.	1.50	12	2	30	Red Willow.....	May	3	1913	.....	1287
Driftwood Cr.....	Hesterworth, John T. Estate of.....	McCook.....	Hesterworth Canal.....	Irrig.	1.00	14	2	30	Red Willow.....	Nov.	17	1913	.....	1332
Driftwood Cr.....	Kueffer, Mattle S., et al.....	Culbertson.....	Sylvan Dell Canal.....	Irrig.	2.80	1	2	30	Red Willow.....	Dec.	6	1913	.....	1340
Elk Creek.....	Murray, Esther.....	Arapahoe.....	Murray Canal.....	Irrig.	2.85	11	4	23	Furnas.....	Aug.	13	1913	.....	1315
Elm Creek.....	Rasser, Wm. and Walter.....	Red Cloud.....	Rasser Canal.....	Irrig.	1.02	3	1	10	Webster.....	Jan.	24	1934	.....	2357
Frenchman R.....	Athey, H. E.....	Wauneta.....	Wauneta Mills.....	Power	35.00	11	5	36	Chase.....	July	31	1886	178	.....

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in			Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
					Sec.-ft.	S	T	R	County	Mo.	D	Yr.			
Frenchman R.....	Daschosifsky, G.....	Lamar.....	Lamar Rolling Mills.....	Power	30.00	18	6	40	Chase.....	Dec.	30	1887	1013	.....
Frenchman R.....	Knotwell, Glen R.....	Champion.....	Champion Mills.....	Power	28.30	21	6	39	Chase.....	Dec.	31	1887	179	.....
Frenchman R.....	Sheridan, Ellen T.....	McCook.....	Aberdeen Canal.....	Irrig.	2.00	3	5	38	Chase.....	July	1	1888	50a	.....
Frenchman R.....	Grosbach, H. H. and Rose	Wauneta.....	Harlan Canal.....	Irrig.	2.00	1	5	38	Chase.....	July	1	1888	56	.....
Frenchman R..... and Stinking Water Creek.....	Frenchman Valley Irrig. District.....	Culbertson.....	Culbertson Canal.....	Irrig.	215.00	31	5	33	Hayes.....	May	16	1890	24-25- 29-30	.....
Frenchman R.....	Kilpatrick Brothers.....	Beatrice.....	Champion Canal.....	Irrig.	\$24.00	23	6	40	Chase.....	Dec.	23	1890	47	.....
Frenchman R.....	Sheridan, Ellen T.....	McCook.....	Aberdeen Canal.....	Irrig.	.50	3	5	38	Chase.....	Feb.	2	1891	50b	.....
Frenchman R.....	Farmers Canal Co.....	Culbertson.....	Farmers Canal.....	Irrig.	10.00	11	3	32	Hitchcock.....	Dec.	19	1893	10	.....
Frenchman R.....	(Canyon No. 10) Wacker, Geo.....	Culbertson.....	Wacker Canal.....	C. D.	D-10	17	3	31	Hitchcock.....	Dec.	19	1893	.....	1523
Frenchman R.....	(Canyon No. 10) Crews, C. G.....	Culbertson.....	Farmers Canal.....	O. D.	D-10	17	3	31	Hitchcock.....	Dec.	19	1893	.....	1573
Frenchman R.....	Fuller, C. D.....	Imperial.....	Fuller Canal.....	Irrig.	25.00	4	5	36	Chase.....	June	12	1894	62	.....
Frenchman R.....	Riverside Irrig. Co.....	Culbertson.....	Riverside Canal.....	Irrig.	12.00	33	4	32	Hitchcock.....	July	28	1894	18	.....
Frenchman R.....	Dissmore, Geo. A.....	Des Moines, Iowa.....	Frenchman Valley Canal	Irrig.	10.00	31	5	33	Hayes.....	Aug.	23	1894	38	.....
Frenchman R.....	Grosbach, H. H. and Rose	Wauneta.....	Gould Canal.....	Irrig.	2.00	1	5	38	Chase.....	Oct.	9	1894	67	.....
Frenchman R.....	Maranville, E., et al.....	Champion.....	Maranville Canal.....	Irrig.	6.00	12	6	41	Chase.....	Dec.	8	1891	70-71	.....
Frenchman R.....	Wise, J. S.....	Palisade.....	Wise Canal.....	Irrig.	2.00	15	5	35	Hayes.....	Dec.	28	1891	42	.....
Frenchman R.....	Woods, John & Francis	Wauneta.....	North Guernsey Canal	Irrig.	5.00	3	5	37	Chase.....	Jan.	14	1895	74	.....
Frenchman R.....	Woods, John & Francis	Wauneta.....	South Guernsey Canal	Irrig.	24.00	10	5	37	Chase.....	Jan.	14	1895	75	.....
Frenchman R.....	Inman, Norton.....	Champion.....	Inman Canal.....	Irrig.	1.50	17	6	40	Chase.....	Feb.	28	1895	79	.....
Frenchman R.....	Kilpatrick Brothers.....	Beatrice.....	North Side Canal.....	Irrig.	.79	21	6	39	Chase.....	Feb.	25	1896	.....	246

Frenchman R.	Hoffmeister, Geo.	Imperial	Shallenberger Canal	Irrig.	1.77	25	6.39	Chase	Dec.	21	1897	423	
Frenchman R.	Inman Irrig. Co.	Imperial	Inman Canal	Irrig.	6.43	17	6.40	Chase	Feb.	10	1898	436	
Frenchman R.	Hoke, J. A., Estate of	Champion	Hoke Power Plant	Power	34.40	21	6.39	Chase	Dec.	12	1900	501	
Frenchman R.	Follett-Krotter	Palisade	Follett-Krotter Pump	Irrig.	4.29	35	5.34	Hayes	Apr.	30	1903	705	
Frenchman R.	Follett-Krotter	Palisade	Follett-Krotter Pump	Irrig.	2.57	35	5.34	Hayes	Aug.	11	1903	720	
Frenchman R.	Hagerman, Wm	Hamlet	Hagerman Canal	Irrig.	.86	19	5.34	Hayes	Mar.	11	1909	935	
Frenchman R.	Krotter, F. C.	Palisade	Follett-Krotter Canal	Irrig.	5.70	35	5.31	Hayes	Jan.	15	1910	975	
Frenchman R.	Krotter, F. C.	Palisade	Krotter Power Plant	Power	55.00	35	5.31	Hayes	Aug.	17	1910	1021	
Frenchman R.	Krotter, F. C.	Palisade	Krotter Power Plant No. 3	Irrig.	2.42	35	5.31	Hayes	Dec.	15	1910	1047	
Frenchman R.	Hoke, J. A., Estate of	Champion	Hoke Canal	Irrig.	1.29	21	6.39	Chase	May	1	1911	1094	
Frenchman R.	Kilpatrick Brothers	Beatrice	Champion Supply Enlargement	Storage	†1000	AF	23	6.40	Chase	June	22	1911	1108
(Res. A-1108)	Kilpatrick Brothers	Beatrice	Kilpatrick Reservoir Canal	Irrig.			30	6.39	Chase	June	22	1911	1160
Frenchman R.	Sheridan, Ellen T., et al.	McCook	Aberdeen Enlarge- ment	Irrig.	1.57	3	5.38	Chase	July	29	1911	1117	
Frenchman R.	Theobald and Athey	Wauneta	Wauneta Power Plant	Power	75.00	11	5.36	Chase	Nov.	16	1911	1136	
Frenchman R.	Arterburn, E. E.	Lincoln	Arterburn Reservoir	Storage	†1800	AF	11	6.41	Chase	Nov.	28	1911	1142
Frenchman R.	Bishop, Stephen S., Estate of	Lincoln	Inman Reservoir	Storage	†2000	AF	17	6.40	Chase	Dec.	8	1911	1145
Frenchman R.	Oliver Brothers	Wauneta	Oliver Power Plant	Power	50.00	7	5.35	Hayes	Apr.	28	1913	1284	
Frenchman R.	Oliver Brothers	Wauneta	Oliver Canal	Irrig.	3.20	7	5.35	Hayes	Apr.	28	1913	1285	
Frenchman R.	Krotter, F. C.	Palisade	Krotter Power Plant	Power	65.00	35	5.34	Hayes	Dec.	2	1913	1339	
Frenchman R.	Village of Imperial	Imperial	Imperial Power Canal	Power	55.00	25	6.39	Chase	Feb.	7	1917	1474	
Frenchman R.	Shallenberger, O. P.	Imperial	Lake Imperial	Irrig.	4.57	25	6.39	Chase	May	14	1917	1487	
Frenchman R.	Riverside Ditch Co.	Culbertson	Riverside Canal	Irrig.	2.90	33	4.32	Hitchcock	July	3	1922	1674	
Frenchman R.	Severns, Fred.	Palisade	Severns Pump	Irrig.	2.01	9	4.33	Hitchcock	Sept.	11	1926	1856	
Frenchman R.	Krotter, F. C.	Palisade	Krotter-Imperial Reservoir	Storage	†7000	AF	3	5.38	Chase	Feb.	10	1928	1979
Frenchman R.	Krotter, F. C.	Palisade	Krotter-Imperial Power Plant	Power	50.00	3	5.38	Chase	Feb.	10	1928	1980	
Frenchman R.	Wauneta Light and and Power Co.	Wauneta	Wauneta Power Plant	Rs. dam D-178			11	5.36	Chase	May	7	1928	2015

†Represents reservoir capacity alleged by applicant.
‡This amount affirmed by Supreme Court.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Frenchman R.	Cliver Brothers	Wauneta	Cliver Power Plant	Rs. dam A-1284		7	5	35	Hayes	Jan.	16	1929	2061
Frenchman R.	Krotter, F. C.	Palisade	Follett-Krotter Enlargement	Irrig.	2.98	35	5	34	Hayes	Jan.	6	1933	2294
Frenchman R.	Grosbach, H. H. and Rose	Wauneta	Harlan Canal	Irrig.	1.26	32	6	37	Chase	July	11	1933	2331
Frenchman R.	Grosbach & Willilams	Wauneta	Grosbach-Williams Power Plant	Power	75.00	5	5	37	Chase	July	27	1933	2338
Frenchman R.	Grimm, Fred R.	Wauneta	Grimm Pumps	Irrig.	1.19	15	5	35	Hayes	Apr.	25	1935	2512
						16	5	35					
						22	5	35					
Frenchman R. and Springs (Res. A-2570)	Hoffmeister, Geo.	Imperial	Hoffmeister Reservoir	Storage	1100 AF	31	6	38	Chase	Mar.	13	1936	2570
	Hoffmeister, Geo.	Imperial	Hoffmeister Reservoir Canal	Irrig.		30	6	38	Chase	Mar.	13	1936	2575
Horse Creek	Pringle, Geo. N.	Parks	Horse Creek Canal	Irrig.	1.86	23	1	39	Dundy	Aug.	31	1895	159 } 173 }
Horse Creek, Tributary to	Pringle, Geo. N.	Parks	Pringle Canal	Irrig.	1.57	14	1	39	Dundy	May	11	1906	824
Indian Creek	Thompson & Van Sickle	Benkelman	Thompson-Van Sickle Canal	Irrig.	.93	8	2	37	Dundy	June	20	1895	237
Indian Creek	Chamberlain, J. C.	Mt. Sterling Illinois	Chamberlain Canal	Irrig.	.96	18	2	36	Dundy	Oct.	4	1895	240
Indian Creek (Rock Canyon Creek)	Foster, Chas.	Max	Wilson Canal	Irrig.	1.12	23	2	36	Dundy	June	22	1895	268

Indian Creek	Stonberg, Sanford	Max.	Stonberg Canal	Irrig.	1.00	21	2 37	Dundy	Mar.	13	1911	1070
Indian Creek	Phillip, Daniel	Red Cloud	Phillip Pump	Irrig.	2.21	21	2 11	Webster	Jan.	9	1926	1791
Indian Creek	Ramey, O. E.	Red Cloud	Ramey Pump	Irrig.	3.87	20	2 11	Webster	Jan.	19	1920	1792
Indian Creek	Daniels, E. E.	Max.	Daniels Canal	Irrig.	.03	23	2 36	Dundy	Sept.	9	1926	1854
Macklin Creek	Bradley, Francis E.	Trenton	Bradley Pump	Irrig.	.36	1	2 34	Hitchcock	Mar.	7	1928	1980
Macklin Creek	Thuman, A.	Trenton	Cemer Pump	Irrig.	.09	36	3 34	Hitchcock	Mar.	28	1928	1992
Mauer Springs	C. B. & Q. R. R. Co.	Lincoln	Burlington Pipe Line	Dom.	1.48	23	2 11	Webster	Nov.	28	1911	1143
Medicine Creek	Gold Coin Mills	Cambridge	Cambridge Mill	Power	68.00	29	4 25	Furnas	Dec.	31	1878	92-93
Medicine Creek	Cambridge-Arapahoe Irrig. and Improve- ment Company	Arapahoe	Cambridge-Arapahoe Canal	Irrig.	170.00	29	4 25	Furnas	Aug.	26	1891	89
Medicine Creek	Sanders, John L.	Stockville	Sanders Canal	Irrig.	1.43	27	7 27	Frontier	Feb.	8	1895	83
Medicine Creek	Crete Mills	Curtis	Curtis Lake	Power		32	8 28	Frontier				361 ^a
Medicine Creek	Maywood Mill Co.	Maywood	Maywood Mills	Power	11.88	16	8 20	Frontier	May	4	1907	858
Medicine Creek	Nelson, Elmer F.	Holdredge	Nelson Pump	Irrig.	.61	21	8 20	Frontier	Oct.	2	1926	1865
Medicine Creek	Game, Forestation and Parks Commission	Lincoln	Wellfleet Dam	Resort	380 AF	16	9 30	Lincoln	June	15	1931	2210
Muddy Creek	Larson, Oscar F.	Arapahoe	Larson Pump	Irrig.	3.53	17	4 23	Furnas	Feb.	9	1927	1898
Muddy Creek	Michel, Geo. N.	Arapahoe	Michel Pump	Irrig.	.29	15	4 23	Furnas	Oct.	13	1928	2042
Red Willow Cr.	Helm, John F.	McCook	Helm Canal	Irrig.	.93	8	3 28	Red Willow	Dec.	5	1910	1042
Red Willow Cr.	Hadley, Flora B.	McCook	Hadley Canal	Irrig.	8.43	16	3 28	Red Willow	Oct.	22	1927	1964
Red Willow Cr.	Fitzgerald, Elmer	Hayes Center	Fitzgerald Pump	Irrig.	.57	21	8 32	Hayes	July	27	1934	2447
Red Willow Cr.	Cooper, Jas.	Wallace	Red Willow Canal	Irrig.	2.00	36	9 33	Lincoln	Dec.	20	1893	647
Republican R.	Southern Nebraska Power Company	Superior	Guthrie Canal	Power	400.00	34	1 7	Nuckolls	Sept.	1	1877	1036
Republican R.	Western Public Service Company	Scottsbluff	Arapahoe Star Mills	Power	196.00	27	4 23	Furnas	July	24	1879	1029
Republican R.	Kirtland, E. S.	Orleans	Orleans Mill and Elevator	Power		27	2 19	Harlan				1043*

*Claim not adjudicated.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Republican R.	Carson, A.	McCook	Carson Canal No. 1.	Irrig.	1.43	27	3	30	Red Willow.	July	1	1888	103	
Republican R.	Pioneer Irrig. District	Haigler	Haigler Canal.	Irrig.	50.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025	
Republican R.	Brown, W. A.	Haigler	Sand Point Canal.	Irrig.	11.00	11	1	42	Dundy.	Sept.	25	1890	115	
Republican R.	Dundy County Irrig. Company	Benkelman	Dundy County Canal.	Irrig.	45.00	24	1	39	Dundy.	Nov.	22	1890	118	
Republican R.	Trite, W. H., et al.	Culbertson	Trite-Davenport Canal	Irrig.	7.00	20	3	31	Hitchcock	Dec.	18	1890	3	
Republican R.	McCook Irrig and Water Power Co.	McCook	Meeker Canal.	Irrig.	143.00	15	3	31	Hitchcock	Dec.	22	1890	4-9-8-7	
Republican R.	Trenton Farmers Irrig. Association	Trenton	Trenton Canal.	Irrig.	32.00	10	2	34	Hitchcock	Dec.	24	1890	5	
Republican R.	Carson, A.	McCook	Carson Canal No. 2.	Irrig.	18.00	27	3	3	Red Willow.	May	5	1891	102	
Republican R.	Neighbors, E. G.	Benkelman	Neighbors Canal.	Irrig.	2.86	24	1	39	Dundy.	Mar.	18	1891	133	
Republican R.	Republican Irrig. Co.	Benkelman	Republican Riv. Canal	Irrig.	30.00	29	1	38	Dundy.	May	2	1892	117	
Republican R.	Larned, W. H., et al.	Haigler	White-Larned Canal.	Irrig.	3.00	22	1	40	Dundy.	Apr.	29	1893	150	
Republican R.	Marr, Lorenzo	Culbertson	Marr Canal.	Irrig.	4.29	16	3	31	Hitchcock	Jan.	22	1894	11	
Republican R.	Anderson, Anders.	Max	Anderson Canal.	Irrig.	1.90	1	1	37	Dundy.	Jan.	26	1894	151	
Republican R.	Thomas, A. J.	Haigler	Thomas Canal.	Irrig.	2.00	23	1	40	Dundy.	June	5	1894	151	
Republican R.	Ballard, Henry L.	Oxford	Ballard Canal.	Irrig.	8.00	8	3	21	Furnas.	June	9	1894	91	
Republican R.	Wilcox, F. S.	McCook	Wilcox Canal.	Irrig.	4.50	32	3	29	Red Willow.	Oct.	4	1894	109	
Republican R.	Delaware-Hickman Ditch Co.	Benkelman	Delaware-Hickman Canal	Irrig.	20.00	17	1	37	Dundy.	Jan.	7	1895	157	
Republican R.	Allen, E. M., et al.	Arapahoe	Allen Canal.	Irrig.	14.00	2	3	26	Red Willow.	Jan.	26	1895	110	
Republican R.	Spooners, J. A.	Parks	Private Canal.	Irrig.	1.00	25	1	40	Dundy.	Oct.	7	1897		113
Republican R.	Hamilton, Henry L.	McCook	Harmon Canal.	Irrig.	10.00	32	3	29	Red Willow.	Jan.	22	1900		535
Republican R.	Walsh, Patrick	McCook	Walsh Canal.	Irrig.	11.00	35	3	30	Red Willow.	Jan.	31	1900		537
Republican R.	Rogers, W. N.	McCook	Shadeland Park Canal	Irrig.	38.00	26	3	29	Red Willow.	Jan.	3	1911		1049
Republican R.	McConnell Brothers	Trenton	McConnell Canal.	Irrig.	180.00	10	2	31	Hitchcock	Jan.	23	1911		1055
Republican R.	Hurst, J. C., et al.	Trenton	Hurst-Day Canal.	Irrig.	7.00	28	2	35	Hitchcock	Mar.	2	1911		1068

Republican R.	Cappel, Geo.	McCook	Cappel Canal	Irrig.	1.57	19	3	30	Red Willow	May	1	1911	1693
Republican R.	Rogers, W. N.	McCook	Shadeland Park Canal	Irrig.	7.00	25	3	29	Red Willow	Sept.	28	1911	1120
Republican R.	Anderson, C., et al.	Benkelman	Cottonwood Canal	Irrig.	3.35	6	1	36	Dundy	Feb.	19	1912	1172
Republican R.	Rupert Dist. Co.	Culbertson	Rupert Canal	Irrig.	20.00	32	3	32	Hitchcock	Apr.	19	1912	1192
Republican R.	Pringle, Geo. N.	Parks	Parks Canal	Irrig.	16.00	20	1	39	Dundy	June	18	1912	1202
Republican R.	Bartlett, Wm. C.	Alma	Lake Disappointment	Storage	360A [†]	32	2	18	Harlan	Dec.	18	1915	1442
Republican R.	Everson, P. M. and Mitchell, J. C.	Alma	Everson Canal	Irrig.	1.07	13	2	18	Harlan	Dec.	18	1915	1443
Republican R.	Pringle, Geo. N.	Parks	Parks Canal	Irrig.	2.00	20	1	39	Dundy	Dec.	31	1915	1444
Republican R.	Pringle, Geo. N.	Parks	Parks Enlargement	Irrig.	1.14	20	1	39	Dundy	Sept.	5	1919	1555
Republican R.	Ham, Roy O.	Benkelman	Ham Canal	Irrig.	3.47	9	1	37	Dundy	Sept.	14	1921	1618
Republican R.	Campbell, W. E.	Trenton	Campbell Canal	Irrig.	9.27	9	2	37	Hitchcock	Nov.	26	1921	1627
Republican R.	Crews, L. E.	Haigler	Crews Canal No. 2	Irrig.	2.59	20	1	41	Dundy	Mar.	29	1923	1700
Republican R.	Luther, Walter	Cambridge	Dunlay Pump	Irrig.	5.00	26	2	19	Harlan	July	8	1925	1768
Republican R.	Fischback, Geo.	Orleans	Fishback Pump	Irrig.	1.58	33	2	19	Harlan	Aug.	27	1925	1778
Republican R.	Stevenson, L. E.	Alma	Stevenson Pump	Irrig.	6.31	5	1	18	Harlan	Sept.	30	1925	1781
Republican R.	Drummond, Dean	Republican City	Drummond Pump	Irrig.	2.37	11	1	17	Harlan	Oct.	13	1925	1782
Republican R.	Scott, C. E.	Alma	Scott Pump	Irrig.	3.37	36	2	19	Harlan	Dec.	22	1925	1789
Republican R.	Haeker, K. G.	Alma	Haeker Pump	Irrig.	4.60	35	2	19	Harlan	Mar.	2	1926	1798
Republican R.	Peterson, Elam	Orleans	Republican Valley Pump	Irrig.	2.06	27	3	20	Harlan	June	18	1926	1821
Republican R.	Olson, L.	Orleans	Lake View Project	Irrig.	1.15	27	3	20	Harlan	June	29	1926	1821
Republican R.	Crews, L. E.	Haigler	Crews North Side Canal No. 3	Irrig.	4.00	20	1	41	Dundy	June	30	1926	1826
Republican R.	Worden, Dorsey	Superior	Worden Pump	Irrig.	1.04	32	1	6	Nuckolls	Sept.	23	1926	1862
Republican R.	Workman, Rich	Republican City	Workman Pump	Irrig.	1.10	16	1	17	Harlan	Jan.	19	1927	1886
Republican R.	Sheffrey, C. E.	Oxford	Sheffrey Pump	Irrig.	1.85	16	3	20	Harlan	Feb.	28	1927	1906
Republican R.	Wintersteen, V. L.	Republican City	Wintersteen Pump	Irrig.	.11	12	1	18	Harlan	Mar.	17	1927	1914
Republican R.	Best, John H.	Oxford	Best Pump	Irrig.	1.41	27	3	20	Harlan	June	30	1927	1936
Republican R.	Wilson, J. F., Jr.	Guide Rock	Wilson Pump	Irrig.	.57	14	1	9	Webster	July	8	1927	1937
Republican R.	Romjue, Carl M.	Red Cloud	Romjue Pump	Irrig.	2.03	12	1	11	Webster	Apr.	16	1928	2005
Republican R.	Jansen, Wm.	Superior	Jansen Pump	Irrig.	1.60	29	1	7	Nuckolls	May	14	1928	2017

[†]Represents reservoir capacity alleged by applicant.

[‡]Amount affirmed by U. S. Supreme Court: 35.00 second feet for Nebraska; 15.00 second feet for Colorado.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant In	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Republican R.	Runck, John J.	Orleans	Runck Pumps	Irrig.	3.29	22	3	20	Harlan	Sept.	18	1928	2020
Republican R.	Keifer, J. Warren, Jr.	Bostwick	Keifer Canal No. 1	Irrig.	9.83	21	1	8	Nuckolls	Sept.	22	1930	2167
Republican R.	Furry, Cameron J.	Franklin	Furry Pumps	Irrig.	2.26	12	1	15	Franklin	Nov.	10	1930	2171
Republican R.	Keifer, J. Warren, Jr.	Bostwick	Keifer Canal No. 2	Irrig.	9.15	26	1	8	Nuckolls	Nov.	17	1930	2175
Republican R.	Hevner, Clyde W.	Franklin	Hevner Pump	Irrig.	4.66	6	1	14	Franklin	Aug.	5	1931	2224
Republican R.	Mendell, B. C.	Superior	Mendell Canal	Irrig.	2.61	35	1	7	Nuckolls	Sept.	7	1932	2283
Republican R.	Fischback, George	Orleans	Fishback Pump No. 1 Enlargement	Irrig.		33	2	19	Harlan	Feb.	15	1933	2304
Republican R.	Hill, Roy E.	Edison	Hill Pump	Irrig.	1.86	33	4	22	Furnas	Mar.	29	1933	2314
Republican R.	Arneson, F. L.	Inavale	Valley Grove Pump	Irrig.	.97	2	1	12	Webster	Apr.	17	1933	2318
Republican R.	Broeker, A. F.	Edison	Broeker Pump	Irrig.	.57	33	4	22	Furnas	July	12	1933	2332
Republican R.	Hall, Dorothy A.	Hastings	Sherwood Pump	Irrig.	.97	12	3	21	Furnas	July	19	1933	2333
Republican R.	Fritzer, G. E.	Edison	Fritzer Pumps	Irrig.	1.29	32	4	22	Furnas	Aug.	3	1933	2340
Republican R.	Mayfield, L. L.	Edison	Mayfield Pump	Irrig.	1.17	35	4	22	Furnas	June	8	1934	2403
Republican R.	Best, John	Oxford	Best Pump	Irrig.	2.50	36	4	2	Furnas	Nov.	9	1934	2482
Republican R.	Warner, August, Est.	Holbrook	Warner Pumps	Irrig.	.57	1	3	22	Furnas	Jan.	28	1935	2510
Republican R.	Lideen, N. E.	Orleans	Lideen Pump	Irrig.	.29	19	2	19	Harlan	Feb.	20	1935	2516
Republican R.	Williams, Joe F.	Stratton	Williams Canal	Irrig.		19	2	34	Hitchcock	May	1	1935	2545*
Republican R.	Fisher, Marshall	Edison	Fisher Pump	Irrig.	.32	36	1	22	Furnas	June	23	1936	2583
Republican R., South Fork	Karr, J. W.	Benkelman	Karr Canal	Irrig.	2.00	20	1	37	Dundy	July	28	1894	155
Republican R., South Fork	Riverside Ditch Co.	Benkelman	Riverside Canal	Irrig.	13.00	29	1	37	Dundy	Aug.	5	1894	156
Republican R., South Fork	McDonald, J. A.	Benkelman	McDonald Canal	Irrig.	.79	36	1	38	Dundy	Nov.	13	1901	644

Republican R., Springs, Trib- utary to.....	Pringle, Esther L.....	Parks.....	Pringle Canal.....	Irrig.	.57	11	1 30	Dundy.....	Jan.	12	1897	.....	364
Rock Creek.....	Kara Cattle Co.....	Denver, Colo.	Phelan Canal.....	Irrig.	4.29	17	1 30	Dundy.....	Dec.	31	1883	138	.....
Rock Creek.....	Owens, J. S., et al.....	Parks.....	Owens Canal.....	Irrig.	.36	31	2 30	Dundy.....	June	20	1895	.....	265
Rock Creek.....	Campbell, R. R.....	Parks.....	Rock Creek Canal.....	Irrig.	.33	13	2 40	Dundy.....	Dec.	18	1890	.....	526
Rock Creek.....	Benkelman Light Association.....	Benkelman.....	Benkelman Power Plant.....	Power	20.00	8	1 30	Dundy.....	Nov.	30	1912	.....	1245
Rock Creek.....	Pringle, Geo. N.....	Parks.....	Parks Enlargement.....	Supple.		17	1 30	Dundy.....	June	29	1921	.....	1609
Rock Creek.....	Kara Cattle Company	Parks.....	Kara Supply Canal.....	Storage	‡50AF	17	1 30	Dundy.....	Oct.	31	1931	.....	2246
(Res. A-2246)	Kara Cattle Company	Parks.....	Kara Canal.....	Irrig.		20	1 30	Dundy.....	Oct.	31	1931	.....	2480
Rock Creek.....	Game, Forestation and Parks Commission.....	Lincoln.....	Rock Creek Lake.....	Fish	‡ 215AF	6	1 30	Dundy.....	Feb.	28	1934	.....	2366
Rock Cannon Creek.....	Rudisell, L. C.....	Benkelman.....	Rudisell Dam.....	Storage	‡5AF	35	3 37	Dundy.....	Nov.	26	1927	.....	1970
Sappa Creek.....	Zulauf, Geo. W.....	Stamford.....	Stamford Mills.....	Power		21	2 20	Harlan.....				997*	.....
Sappa Creek.....	Flodine, A. L.....	Stamford.....	Flodine Pump.....	Irrig.	1.55	19	2 20	Harlan.....	Sept.	9	1928	.....	1855
Sappa Creek.....	Fults, J. F.....	Beaver City.....	Fults Pump.....	Irrig.	1.48	13	1 23	Furnas.....	Apr.	6	1927	.....	1922
Sappa Creek.....	Winslow, Orin E.....	Beaver City.....	Winslow Pump.....	Irrig.	.86	15	1 22	Furnas.....	Feb.	10	1932	.....	2252
Sappa Creek.....	Johnson, Edw. E.....	Orleans.....	Sappa Valley Pump.....	Irrig.	1.09	24	2 20	Harlan.....	May	23	1934	.....	2385
School Creek..... (See Berger Creek)	Sughroue, Edward.....	Indianola.....	Sughroue Pump.....	Irrig.	.32	15	3 27	Red Willow.....	Aug.	16	1932	.....	2280
Spring Creek.....	Carlton, J. O.....	Benkelman.....	Benkelman Canal.....	Irrig.	1.29	19	1 37	Dundy.....	Dec.	31	1890	.....	373
Spring Creek.....	Twin Lakes Company	Benkelman.....	Twin Lakes Reservoir	Storage	‡7AF	34	2 38	Dundy.....	Apr.	16	1930	.....	2133
Springs, North Tributary to Thompson Cr.	Eshelman, C. F.....	Riverton.....	North Spring Canal.....	Irrig.	.09	10	2 13	Franklin.....	July	27	1932	.....	2278

*Application pending—claim not adjudicated.

‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal	Irrig.	2.36	10	7	38	Chase	Mar.	10	1894	57	.....
Stinking Water Creek	Crandall and Taylor	Imperial	McLain Canal	Irrig.	2.50	28	7	37	Chase	Sept.	24	1894	65	.....
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 7	Irrig.	4.57	36	7	37	Chase	Dec.	21	1894	72 l 175 j	.....
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 6	Irrig.	2.00	13	7	38	Chase	Jan.	28	1895	76	.....
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 5	Irrig.	1.50	14	7	38	Chase	Jan.	29	1895	77	.....
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 3	Irrig.	1.71	14	7	38	Chase	Jan.	29	1895	78	.....
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 1	Irrig.	.91	14	7	38	Chase	June	27	1895	.....	56
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 1	Irrig.	.70	4	7	38	Chase	June	27	1895	.....	57

Stinking Water Creek	Krotter, F. C.	Palisade	Krotter Canal	Irrig.	3.00	25	5	31	Hayes	Dec.	15	1910	1046
Thompson Cr.	Zeigler, J. and O.	Riverton	Ziegler Pump	Irrig.	.73	27	2	13	Franklin	Jan.	16	1935	2505
Thompson Cr.	Eshelman, C. F.	Riverton	Eshelman Pump	Irrig.		10	2	13	Franklin	June	6	1935	2550*
Turkey Cr.	Wilt and Polly	Naponee	Wilt and Polly Canal	Power		4	1	16	Franklin	Dec.	31	1874	183
Turkey Cr.	Warner, August, Est.	Holbrook	Carpenter Canal	Irrig.	.71	30	4	21	Furnas	Sept.	18	1926	1861
Turkey Cr.	Watson, John W. E., Estate of.	Oxford	Watson Pump	Irrig.	2.80	31	4	21	Furnas	Nov.	30	1926	1876
Turkey Cr.	Post, Walter A.	Naponee	Post Pump	Irrig.	1.90	8	1	16	Franklin	May	27	1927	1933
Turkey Cr.	The Imperial Council of the Ancient Arabic Order of the Nobles of the Mystic Shrine for North America	Kansas City, Missouri	Johnson Pump	Irrig.	1.18	5	3	21	Furnas	May	30	1927	1934
Turkey Cr.	Wengert, J. H.	Oxford	Wengert Pump	Irrig.	.94	4	3	21	Furnas	July	9	1927	1938
Turkey Cr.	Post, Walter A.	Naponee	Post Pump	Irrig.		8	1	16	Franklin	Aug.	21	1936	2621
Turkey Cr.	Larick, Joseph A., et al.	Franklin	Post Pump	Irrig.		8	1	16	Franklin	Aug.	21	1936	2622
Turkey Creek, Stream Tributary to	Sindt, Henry	Naponee	Sindt Pumps	Irrig.	1.00	17	2	16	Franklin	July	30	1926	1838
Valley Home Creek	Lunt, W. A.	Superior	Lunt Reservoir	Storage	†100A	28	1	6	Nuckolls	Nov.	19	1930	2176
(Res. A-2176)	Lunt, W. A.	Superior	Lunt Reservoir Canal	Irrig.		28	1	6	Nuckolls	Nov.	19	1930	2201
Vining Creek	James, C. E. and Samuelson, Leon	Bloomington, Franklin	James Canal	Irrig.	.36	28	2	15	Franklin	Feb.	28	1935	2521
Vining Creek	James, C. E. and Samuelson, Leon	Bloomington, Franklin	James Reservoir	Storage	†22A	28	2	15	Franklin	Sept.	28	1935	2550

*Application pending.

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	which Use to applied	Provis- ional in Grant	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						Sec.-ft.	S	T	County	Mo.			D/Yr.	
Little Blue R.	Southern Nebraska Power Company	Superior	Oak Mill Race	Power		16	3	5	Nuckolls		991*			
Little Blue R.	Buzzard, O. S.	Ayr	Crystal Lake	Storage	32AF	27	6	1	Adams	Aug.	17	1912	1219	
Little Blue R.	Lyon, Geo. Jr.	Nelson	Lyon Power Plant	Power	150.00	29	4	6	Nuckolls	Apr.	26	1915	1410	
Little Blue R.	Lyon, Geo. Jr.	Nelson	Lyon Canal	Irrig.	4.00	18	4	6	Nuckolls	Apr.	26	1915	1411	
Little Blue R.	Southern Nebraska Power Company	Superior	Meyer Hydro-electric Power Plant	Power	150.00	16	3	5	Nuckolls	July	27	1916	1167	
Little Blue R.	Buzzard, O. S.	Ayr	Crystal Lake	Irrig.		70	27	6	10	Adams	Nov.	9	1918	1526
Little Blue R.	Bozarth-Carter	Hebron	Hebron Power Plant	Power	216.00	9	2	2	Thayer	Mar.	31	1919	1538	
Little Blue R.	Campbell, J. T.	Hebron	Blue Valley Plant	Power	200.00	3	2	1	Thayer	May	28	1919	1542	
Little Blue R.	Buzzard, O. S.	Ayr	Larkins Canal	Power	1.50	27	6	10	Adams	Nov.	20	1920	1594	
Little Blue R.	Hurlburt, Chas.	Fairbury	Hurlburt Canal	Irrig.		20	22	2	2E	Jefferson	Aug.	7	1922	1685
Little Blue R.	Dunn, H. J.	Hastings	Blue Valley Yacht Club	Resort		10	5	9	Adams	May	23	1921	1745	
Little Blue R.	Steel, R. P.	Fairbury	Steel, Sand and Mining Project	Mfg.		22	2	2E	Jefferson	Aug.	16	1920	184*	
Little Blue R.	Kistler, Geo. S.	Roseland	Kistler Pump	Irrig.	.08	9	5	11	Adams	Nov.	1	1926	1869	
Little Blue R.	Vap, Alois.	Ludell, Kan	Vap Pump	Irrig.	.81	31	5	7	Clay	Dec.	8	1926	1878	
Little Blue R.	Gaudreault, I. S.	Hastings	Gaudreault Pump	Irrig.	.39	26	6	16	Adams	Feb.	22	1927	1903	
Little Blue R.	Anderson, Felix G.	Ayr	Pratt Pump	Irrig.	1.01	28	6	10	Adams	Feb.	23	1927	1904	
Little Blue R.	Logan, John S.	Fairfield	Logan Canal	Irrig.	1.88	33	5	7	Clay	Mar.	7	1927	1907	
Little Blue R.	Knopf, Clyde L.	Pauline	Knopf Pumps	Irrig.	1.60	25	6	10	Adams	Mar.	8	1927	1908	
						31	6	9						
Little Blue R.	Graham, Harry	Ayr	Graham Pump	Irrig.	.80	13	5	11	Adams	Mar.	8	1927	1909	
Little Blue R.	City of Fairbury	Fairbury	Fairbury Plant	Mfg.	16.70	15	2	2E	Jefferson	Oct.	22	1927	1963	
Little Blue R.	Hornberger, Thos.	Ayr	Hornberger Pump	Irrig.	2.19	14	5	11	Adams	Jan.	24	1928	1978	
Little Blue R.	Grant, Wm.	Lincoln	Little Blue Plant No. 1	Power		9	2	2E	Jefferson	Oct.	16	1928	2043*	

Little Blue R.	Grant, Wm.	Lincoln.	Little Blue Plant No. 2	Power		26	2	2E	Jefferson	Oct.	16	1928	2044*
Little Blue R.	Bergt, Theodore	Davenport.	Bergt Pump	Irrig.	1.50	22	3	4	Thayer	Apr.	17	1930	2134
Little Blue R.	Dutton, K. M. J.	Hastings.	Blue Haven Pumps	Irrig.	5.21	29	3	3	Thayer	Aug.	4	1930	2152
						30	3	3					
Little Blue R.	Jones, E. H.	Fairbury	Midwest Garden Pump	Irrig.	1.74	26	2	2E	Jefferson	Sept.	4	1930	2165
Little Blue R.	Heinrich, C. W.	Davenport.	Riverside Pump	Irrig.	2.23	20	3	4	Thayer	Feb.	24	1931	2193
Little Blue R.	Nehrig, Henry H.	Davenport.	Nehrig Pump	Irrig.	5.00	26	3	4	Thayer	Mar.	10	1931	2194
Little Blue R.	Sanford, Harry K.	Ayr.	Sanford Pump	Irrig.	.28	4	5	10	Adams	Sept.	22	1931	2238
Little Blue R.	Heller, H. H.	Hastings.	Heiler Pump	Irrig.	.46	27	6	10	Adams	Sept.	30	1931	2241
Little Blue R.	Weyenberg, John T.	Hastings.	Weyenberg Pump	Irrig.	1.20	17	5	8	Clay	Oct.	8	1931	2243
Little Blue R.	Zweifel, Albert	Fairbury.	Zweifel Pump	Irrig.	.25	9	2	2E	Jefferson	July	25	1932	2277
Little Blue R.	Paus, Geo. H.	Spring Ranch	Paus Pump	Irrig.	.22	18	5	8	Clay	May	15	1933	2321
Little Blue R.	Peters, Cornelius R.	Nelson.	Peters Pump	Irrig.	.71	27	4	6	Nuckolls	May	31	1934	2389
Little Blue R.	Meyer, John H.	Oak.	Meyer Pump	Irrig.	1.31	1	3	6	Nuckolls	June	2	1934	2394
Little Blue R.	Davis, John H.	Spring Ranch	Davis Pump	Irrig.	.66	15	5	8	Clay	June	5	1934	2399
Little Blue R.	Stokebrand, William	De Witt.	Stokebrand Pump	Irrig.	.84	5	2	1	Thayer	Aug.	1	1934	2451
Little Blue R.	Johnston, Mrs. Hester	Oak.	Johnston Pump	Irrig.	1.11	8	3	5	Nuckolls	Aug.	13	1934	2460
Little Blue R.	Kasperek, I.	Fairbury.	Kasperek Pump	Irrig.	.51	6	1	3E	Jefferson	Nov.	3	1934	2491
Little Blue R.	Rice, Clarence E.	Odell.	Endicott Pump	Irrig.	.46	36	2	2E	Jefferson	Feb.	1	1935	2511
Little Blue R.	Rice, C. E.	Odell.	Powell Pump	Irrig.	.51	24	3	1E	Jefferson	Feb.	20	1935	2517
Little Blue R.	Ferebee, Franklin F.	Edgar.	Ferebee-Bartlett Pump	Irrig.	.21	19	4	6	Nuckolls	Aug.	7	1935	2553
	Bartlett, Clyde F.	Nelson.											
Pawnee Creek	Massie, D. B.	Clay Center.	Massie Lake	Resort	365 AF	16	5	8	Clay	Mar.	10	1933	2307
Rose Creek	Wilson, Clyde	Fairbury.	Wilson Pump	Irrig.	1.01	3	1	2E	Jefferson	July	14	1934	2425
Sandy Creek, Big	Brinegar, M. A.	Alexandria.	Brinegar Pump	Irrig.	.13	6	3	1	Thayer	Apr.	11	1935	2537
Stream, No Name	Nebraska Rural Rehabilitation	Lincoln.	Rural Rehabilitation Project No. 1	Irrig.	.34	25	2	2E	Jefferson	Aug.	18	1931	2466

*Application pending—claim not adjudicated.

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Bear Creek	Mangus, Jerry T.	Beatrice	Mangus Pump	Irrig.	.50	24	4	6E	Gage	Jan.	24	1927	.....	1887
Bear Creek	State Board of Control	Lincoln	Feeble Minded Institute Pump	Irrig.	.95	36	4	6E	Gage	Apr.	22	1928	.....	2010
Beaver Creek	Wright, G. D.	York	Wright Mill	Power	40.00	7	10	2	York	Nov.	1	1878	963	.....
Big Blue River	Black Brothers Flour Mills	Beatrice	Black Brothers Plant (Beatrice)	Power	300.00	33	4	6E	Gage	Jan.	11	1860	1048	.....
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Milford Mills	Power	300.00	2	9	3E	Seward			1866	1044	.....
Big Blue River (See A-1692-1698-1732)	Gage County Electric Company	Beatrice	Black Brothers Plant No. 2 (Blue Springs)	Power	450.00	17	2	7E	Gage			1868	1047	.....
Big Blue River	Zwonecheck & Aksamit	Wilber	DeWitt Mill	Power Rs.dam	200.00	19	5	5E	Gage	Jan.	1	1875	1016	.....
Big Blue River (See A-1095)	Iowa-Nebraska Light and Power Co.	Lincoln	Holmesville Power Plant	Power		19	5	5E	Gage	Jan.	1	1903	1046	.....
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Holmesville Power Plant	Power	500.00	29	3	7E	Gage	Apr.		1882	1021	.....
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Blue River Power Station No. 1	Power	200.00	19	9	4E	Seward	July	8	1910	.....	1006
Big Blue River	Jacobs, E.	Staplehurst	Jacobs Power Plant	Power Rs.dam D-1021		29	3	7E	Gage	May	3	1911	.....	1095
Big Blue River	Jacobs, E.	Staplehurst	Jacobs Power Plant	Power	40.00	26	12	2E	Seward	Nov.	13	1911	.....	1135
Big Blue River (See A-1585-A-1788)	Beatrice Power Co.	Barneston	Barneston Power Plant	Power	500.00	13	1	7E	Gage	Feb.	18	1913	.....	1262

Big Blue River	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Pipe Line	Dom.	50	21	9 3E	Seward	Apr.	30	1914	1366
Big Blue River	C. B. & Q. R. R. Co.	Lincoln	Wymore Pipe Line	Dom.	50	21	2 7E	Gage	Dec.	24	1914	1391
Big Blue River	C. B. & Q. R. R. Co.	Lincoln	Seward Pipe Line	Dom.	50	21	11 3E	Seward	Dec.	24	1914	1395
Big Blue River (See A-1752)	Iowa-Nebraska Light and Power Co.	Lincoln	Blue River Plant No. 4	Power	100.00	32	9 4E	Seward	Aug.	11	1916	1463
Big Blue River (See A-1761)	Iowa-Nebraska Light and Power Co.	Lincoln	Shestak Power Plant	Power	200.00	35	7 4E	Saline	Feb.	6	1918	1506
Big Blue River	Beatrice Power Co.	Barneston	Barneston Power Plant	Rs.dam A-1262		13	1 7E	Gage	May	27	1920	1585
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Wilber Power Plant	Power	200.00	12	5 4E	Saline	Dec.	17	1920	1597
Big Blue River (See A-1731)	Gage County Electric Company	Beatrice	Power Plant No. 3	Power	100.00	2	3 6E	Gage	Oct.	7	1922	1690
Big Blue River	Gage County Electric Company	Beatrice	Power Plant No. 2	Dredge D-1047		17	2 7E	Gage	Nov.	7	1922	1692
Big Blue River	Gage County Electric Company	Beatrice	Power Plant No. 2	Dredge D-1047		17	2 7E	Gage	Dec.	15	1922	1698
Big Blue River	Black Brothers Flour Mills	Beatrice	Power Plant No. 3	Dredge D-1690		2	3 6E	Gage	Nov.	26	1923	1731*
Big Blue River	Black Brothers Flour Mills	Beatrice	Power Plant No. 2	Rs.dam D-1047		17	2 7E	Gage	Dec.	15	1923	1732*
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Blue River Plant No. 4	Dredge A-1463		32	9 4E	Seward	Nov.	25	1924	1752
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Shestak Power Plant	Dredge A-1506		35	7 4E	Saline	Mar.	30	1925	1761
Big Blue River	Beatrice Power Co.	Barneston	Barneston Power Plant	Dredge A-1262		13	1 7E	Gage	Dec.	17	1925	1788

*Application pending.

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

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REPORT OF THE STATE ENGINEER

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Big Blue River	Gage County Electric Company	Beatrice	Plant No. 5	Power		13	4	5E	Gage	Oct.	17	1927	1961*
Big Blue River	Johnson, Chas. S. F.	Stromsburg	Johnson Pump	Irrig.	1.29	8	13	2	Polk	Mar.	26	1930	2130
Big Blue River	Sonderegger Nursery and Seed House	Beatrice	Sonderegger Pump	Irrig.	.43	3	3	6E	Gage	Aug.	29	1930	2164
Big Blue River	Iowa-Nebraska Light and Power Co.	Lincoln	Ulysses Hydro-Plant	Power		27	13	2E	Butler	July	17	1931	2217*
Big Blue River	Blevins, Geo. E., Sr.	Shelby	Blevins Pump	Irrig.	.57	2	13	1	Polk	May	19	1934	2334
Big Blue River	Cekal, Edward J.	Beatrice	Cekal Pump	Irrig.	.41	24	3	6E	Gage	July	24	1934	2438
Big Blue River	Martz, Jno. E.	Seward	Martz Pump	Irrig.	.64	20	11	3E	Seward	July	24	1934	2440
Big Blue River	Quackenbush, A. E.	Beatrice	Quackenbush Pump	Irrig.	.07	3	3	6E	Gage	July	25	1934	2441
Big Blue River	Olson, Olaf	Greenwood	Olson Pump	Irrig.	.64	22	10	3E	Seward	Aug.	1	1934	2453
Big Blue River	Chermak, C. J.	Seward	Chermak Pump	Irrig.	.58	28	11	3E	Seward	Sept.	5	1934	2470
Big Blue River	Jorgenson, L.	Staplehurst	Jorgenson Pump No. 1	Irrig.	1.59	20	13	2E	Butler	Sept.	11	1934	2473
Big Blue River	Jorgenson, L.	Staplehurst	Jorgenson Pump No. 2	Irrig.	.74	24	13	1E	Butler	Sept.	26	1934	2479
Big Blue River	Karpisek, Frank P.	Ulysses	Karpisek Pump	Irrig.	.61	20	13	2E	Butler	Nov.	20	1934	2495
Big Blue River	Weston, Margaret	Beatrice	Weston Pump	Irrig.	1.30	11	4	5E	Gage	Apr.	18	1935	2510
Big Blue River	Stokebrand, Edwin	De Witt	Stokebrand Pump	Irrig.	.22	20	5	5E	Gage	Oct.	18	1935	2563
Big Blue River	Sonderegger Nurseries and Seed House	Beatrice	Sonderegger Pump	Irrig.	.50	3	3	6E	Gage	Oct.	25	1935	2565
Big Blue River	Chaloupka, Leonard	Wilber	Chaloupka Pump	Irrig.		10	6	4E	Saline	July	20	1936	2590
Big Blue River	Miller, A. W.	Pickeral	Miller Pump	Irrig.		2	4	5E	Gage	July	29	1936	2601
Big Blue River	Morrill, Arthur C.	Stromsburg	Morrill Pumps	Irrig.		13	13	3	Polk	Aug.	28	1936	2629
							7	13	2				
							17	13	2				
							18	13	2				
Big Blue River	Mares, Ed J., et al.	Wilber	Mares Pump	Irrig.		14	6	1E	Saline	Sept.	9	1936	2636
Big Blue River, Stream, Tributary to	Andrews, W. E.	Beatrice	Andrews Pump	Irrig.	.20	10	3	6E	Gage	Apr.	3	1934	2496

Big Blue River, West Fork..... (See A-1520)	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Big Blue Plant No. 2.....	Power	100.00	32	9 3E	Seward.....	Jan.	3 1912	1153
Big Blue River, West Fork..... (See A-1521- 1509-1733-1751)	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Blue River Plant No. 3.....	Power	100.00	5	8 4E	Saline.....	Mar.	13 1913	1265
Big Blue River, West Fork.....	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Power Plant No. 5.....	Power	100.00	11	8 3E	Saline.....	Feb.	13 1917	1476
Big Blue River, West Fork, and School Creek	Garbe, Albert F.....	Grafton.....	Blue Park Dam.....	Power	66.00	1	8 4	Fillmore.....	Aug.	4 1917	1404
Big Blue River, West Fork..... (See A-1153)	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Big Blue Plant No. 2.....	Rs.dam A-1153		32	9 3E	Seward.....	Aug.	21 1918	1520
Big Blue River, West Fork..... (See A-1265)	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Blue River Plant No. 3.....	Rs.dam A-1265		5	8 4E	Saline.....	Aug.	21 1918	1521
Big Blue River, West Fork.....	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Bow Span Plant.....	Power	100.00	26	9 2E	Seward.....	Dec	17 1920	1595
Big Blue River, West Fork.....	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Big Bend Plant.....	Power	100.00	11	8 3E	Saline.....	Dec.	17 1920	1596
Big Blue River, West Fork..... (See A-1265)	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Blue River Plant No. 3.....	Rs.dam A-1265		5	8 4E	Saline.....	Dec.	28 1920	1599
Big Blue River, West Fork.....	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Blue River Plant No. 3.....	Dredge A-1265		5	8 4E	Saline.....	Jan.	30 1924	1733

*Application pending.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Big Blue River, West Fork.....	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Blue River Plant No. 3	Dredge A-1265	5	8	4E	Saline.....	Nov.	21	1924	.....	1751	
Big Blue River, West Fork.....	Nelson, Louie E.....	Inland.....	Nelson Pump.....	Irrig.	.48	27	8	8	Clay.....	Feb.	11	1927	.....	1890
Big Blue River, West Fork.....	Warren, Herbert F.....	Trumbull.....	Warren Pump.....	Irrig.	.16	13	8	9	Adams.....	Nov.	26	1927	.....	1971
Big Blue River, West Fork.....	Show, Frank.....	McCool Junction.....	Show Pump.....	Irrig.	.42	18	9	2	York.....	Oct.	19	1928	.....	2048
Big Blue River, West Fork.....	Swanson, S. A.....	Hastings.....	Swanson Pump.....	Irrig.	1.00	4	7	9	Adams.....	Apr.	4	1929	.....	2076
Big Blue River, West Fork.....	Muirhead, Wm. C.....	Bradshaw.....	Muirhead Canal.....	Irrig.	.93	30	9	5	Hamilton.....	Sept.	13	1929	.....	2103
Big Blue River, West Fork.....	Iowa-Nebraska Light and Power Co.....	Lincoln.....	Beaver Crossing Hydro-Plant	Power		2	9	1E	Seward.....	July	17	1931	.....	2218*
Big Blue River, West Fork.....	Show, Frank.....	McCool Junction.....	Show Pump.....	Irrig.	.82	18	9	2	York.....	Mar.	16	1934	.....	2368
Big Blue River, West Fork.....	Schmidt, Otto.....	Fairmont.....	Schmidt Pump.....	Irrig.	.43	3	8	3	Fillmore.....	July	14	1934	.....	2426
Big Blue River, West Fork.....	Casteel, Lonie E.....	Crete.....	Casteel Pump.....	Irrig.	1.43	5	8	4E	Saline.....	July	18	1934	.....	2429
Big Blue River, West Fork.....	Nave, C. D.....	Crete.....	Nave Pump.....	Irrig.	.39	5	8	4E	Saline.....	July	18	1934	.....	2430
Big Blue River, West Fork.....	Johnson, Arthur F.....	Dorchester.....	Johnson Pump.....	Irrig.	.37	32	9	3E	Seward.....	July	23	1934	.....	2435
Big Blue River, West Fork.....	Mohlman, Elsie.....	Hastings.....	Mohlman Pump.....	Irrig.	.50	25	8	9	Adams.....	Aug.	9	1934	.....	2458

Big Blue River, West Fork.....	Rehor, Clara W.....	Beaver Crossing.....	Rehor Pump.....	Irrig.	.41	3	9	1E	Seward.....	Apr.	30	1935	.....	2543
Big Blue River, West Fork.....	Steffegen, Mrs. Marie	Grafton.....	Budler Pump.....	Irrig.		8	8	3	Fillmore.....	June	15	1936	.....	2581
Big Blue River, West Fork.....	Morford, J. C.....	Beaver Crossing.....	Morford Pump.....	Irrig.		18	9	2E	Seward.....	July	21	1936	.....	2593
Big Blue River, West Fork.....	Gilmore, S.....	York.....	Gilmore Pump.....	Irrig.		7	9	1	York.....	July	27	1936	.....	2600
Big Blue River, West Fork.....	Kaliff, R. L.....	York.....	Kaliff Pumps	Irrig.		25	9	3	York.....	Aug.	15	1936	.....	2614
						36	9	3						
Big Blue River, West Fork.....	Semler, Emil F.....	Dorchester.....	Semler Pump.....	Irrig.		32	9	3E	Seward.....	Aug.	27	1936	.....	2626
Indian Creek and Spring Branch	Fink, Alvin M.....	Wymore.....	Fink Pump.....	Irrig.		25	2	6E	Gage.....	Feb.	23	1935	.....	2518†
Lincoln Creek.....	Ritterbush, Fred.....	Seward.....	Ritterbush Pumps No. 1 and No. 2.....	Irrig.	.67	33	12	2E	Seward.....	Nov.	22	1934	.....	2496
							4	11	2E					
Turkey Creek.....	Grothe, Chas.....	Pleasant Hill.....		Power			4	7	3E	Saline.....				990**
Turkey Creek.....	Lane, J. K.....	Pleasant Hill.....	Lane Model Canal.....	Irrig.	.09	4	7	3E	Saline.....	July	16	1895	.....	81
Turkey Creek.....	Lane, J. K.....	Pleasant Hill.....	Lane Model Canal.....	Irrig.					Saline.....	July	18	1895	.....	81
Turkey Creek.....	Pecka, Frank, Jr.....	Friend.....	Pecka Pump.....	Irrig.	1.23	4	7	1E	Saline.....	May	3	1931	.....	2376
Turkey Creek.....	Divoky, Rudolph.....	Friend.....	Divoky Pump.....	Irrig.	1.13	34	8	1E	Saline.....	May	25	1934	.....	2386
Turkey Creek.....	Dilley, Edward A.....	Friend.....	Dilley Pump.....	Irrig.	2.11	33	8	2E	Saline.....	June	30	1934	.....	2414
Turkey Creek.....	Belka, John.....	Dorchester.....	Belka Pump.....	Irrig.	.58	4	7	3E	Saline.....	July	13	1934	.....	2424
Turkey Creek.....	Engel, H. H.....	Friend.....	Engel Pump.....	Irrig.	.73	8	7	1E	Saline.....	July	19	1934	.....	2432
Turkey Creek.....	Yokel, J. C.....	Friend.....	Yokel Pump.....	Irrig.	1.16	17	7	1E	Saline.....	July	21	1934	.....	2434
Turkey Creek.....	Hasenohr, Fred.....	De Witt.....	Hasenohr Pump.....	Irrig.	.33	21	5	4E	Saline.....	May	3	1935	.....	2546
Turkey Creek.....	Stokebrand, Edwin.....	De Witt.....	Stokebrand Pump.....	Irrig.	.49	29	5	5E	Gage.....	Oct.	18	1935	.....	2562

*Application pending.

†Map pending

**Claim not adjudicated

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO 1-E

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in Sec.-ft.	Location of Headgate or Dam		Date of Priority		Doc. No.	App. No.		
						S	T	R	County			Mo.	D	Yr.
Flood Water	Fifield, C. M.	Kimball	Fifield Canal	Irrig.	.37	22	15	56	Kimball	Apr.	27	1911	1091
Ground Water	S. A. Foster Lumber Company	Lincoln	Foster Wells	Irrig.	.66	8	13	46	Cheyenne	Apr.	29	1931	2200
Lodge Pole Cr.	Forsling, Mrs. Alfred	Kimball	Owasco Canal	Irrig.	1.20	29	15	55	Kimball	Dec.	31	1876	347-R
Lodge Pole Cr.	Giesecking, Herman	Altamont, Ill.	Bickel Canal	Irrig.	.30	29	15	55	Kimball	Dec.	31	1876	347
Lodge Pole Cr.	Gunderson, A., Est. of	Potter	Gunderson Canal	Irrig.	1.13	1	14	52	Cheyenne	June	1	1879	305
Lodge Pole Cr.	Fuller, Mrs. Jessie L.	Sidney	Runge Canal No. 1	Irrig.	1.71	20	14	50	Cheyenne	Apr.	15	1880	339
Lodge Pole Cr.	Fuller, Mrs. Jessie L.	Sidney	Runge Canal No. 2	Irrig.	.50	20	14	50	Cheyenne	Apr.	15	1882	338
Lodge Pole Cr.	Connelly, Mrs. John	Sidney	Anderson Canal No. 1	Irrig.	2.50	8	14	51	Cheyenne	June	30	1882	373
Lodge Pole Cr.	Peters Trust Company	Omaha	Circle Arrow Canal	Irrig.	3.71	30	15	54	Kimball	July	1	1882	346
Lodge Pole Cr.	Fuller, Clark H. and Mary J.	Sidney	Urbach Canal	Irrig.	.86	15	14	51	Cheyenne	Sept.	1	1882	308
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Hale Canal No. 3	Irrig.	.57	36	14	49	Cheyenne	Apr.	30	1883	320
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Hale Canal No. 4	Irrig.	.71	36	14	49	Cheyenne	Apr.	30	1883	321
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Hale Canal No. 5	Irrig.	.57	36	14	49	Cheyenne	Apr.	30	1883	322
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Lower Whitney Canal	Irrig.	.29	31	14	48	Cheyenne	May	1	1883	317
Lodge Pole Cr.	Booth, Mrs. Esther	Sunol	Booth Canal	Irrig.	4.29	29	14	47	Cheyenne	May	31	1883	309
Lodge Pole Cr.	McAuliffe, John F.	Chappell	McAuliffe Canal	Irrig.	2.29	21	13	45	Deuel	Dec.	31	1881	814
Lodge Pole Cr.	Rodman, Walter M.	Kimball	Kinney Canal No. 2	Irrig.	2.71	33	15	56	Kimball	Dec.	31	1884	348
Lodge Pole Cr.	Libby, Mary A.	Santa Monica Cal.	Libby Canal	Irrig.	2.00	36	14	47	Cheyenne	Dec.	31	1884	312
Lodge Pole Cr.	Dickinson, Chas. C.	Lodgepole	Dickinson Canal	Irrig.	1.14	26	11	47	Cheyenne	Jan.	1	1885	969
Lodge Pole Cr.	Ruttner, Edward A.	Lodgepole	Howard Canal	Irrig.	.86	31	14	47	Cheyenne	Apr.	10	1885	336
Lodge Pole Cr.	Krueger, R. and F. W.	Sidney	Krueger Canal No. 3	Irrig.	1.14	32	14	48	Cheyenne	May	1	1885	323
Lodge Pole Cr.	Wolf, Mrs. H. D.	Chappell	Wolf Canal	Irrig.	1.00	18	13	45	Deuel	Dec.	31	1885	813
Lodge Pole Cr.	Rodman, Walter M.	Kimball	McIntosh Canal	Irrig.	3.31	23	15	55	Kimball	Apr.	16	1886	351
Lodge Pole Cr.	Krueger, R. and F. W.	Sidney	Krueger Canal No. 2	Irrig.	2.29	32	14	48	Cheyenne	Oct.	10	1886	324

Lodge Pole Cr.	Helfrich, Peter	Sidney	Borquist Canal	Irrig.	.71	34	14	49	Cheyenne	Apr.	30	1887	300
Lodge Pole Cr.	Helfrich, Peter	Sidney	Borquist Canal	Irrig.	1.29	34	14	49	Cheyenne	Apr.	30	1887	301
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Upper Whitney Canal	Irrig.	2.29	36	14	19	Cheyenne	May	1	1887	316
Lodge Pole Cr.	Dickinson, M. C.	Sunol	McLaughlin Canal	Irrig.	1.00	25	14	48	Cheyenne	May	1	1887	966
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Hale Canal No. 1	Irrig.	1.14	36	14	49	Cheyenne	July	1	1887	318
Lodge Pole Cr.	Ramsey, Miss A. A.	Boston	Mitchell Canal	Irrig.	.86	8	14	51	Cheyenne	Sept.	1	1887	304
Lodge Pole Cr.	Schmidt, Henry	Lodgepole	Tobin Canal	Irrig.	2.29	28	14	47	Cheyenne	July	31	1888	330
Lodge Pole Cr.	Peetz, John	Sidney	Bordwell Canal	Irrig.	1.43	35	14	49	Cheyenne	Aug.	1	1888	303
Lodge Pole Cr.	Wearin Wm. H.	Carlton	Premier Canal	Irrig.	2.43	3	14	58	Kimball	Apr.	11	1889	340
Lodge Pole Cr.	Peetz, John	Sidney	Bordwell Canal	Irrig.	.86	35	14	49	Cheyenne	Apr.	27	1889	302
Lodge Pole Cr.	Atkins, A. E., et al.	Kimball	Atkins-Polly Canal	Irrig.	.79	30	15	55	Kimball	May	6	1889	342
Lodge Pole Cr.	Wearin, Wm. H.	Carlton	Independent Canal	Irrig.	3.14	7	14	58	Kimball	May	6	1889	343
Lodge Pole Cr.	Atkins, D. K.	Kimball	Atkins-Polly Canal	Irrig.	.43	30	15	55	Kimball	May	6	1889	344
Lodge Pole Cr.	Rodman, Walter M.	Kimball	Kinney Canal	Irrig.	2.00	31	15	56	Kimball	May	14	1889	345
Lodge Pole Cr.	Haberstroh, W. A.	Omaha	Young Canal	Irrig.	.50	33	15	57	Kimball	May	28	1889	349
Lodge Pole Cr.	Linn, Kenneth	Kimball	Ruttner (Old) Canal	Irrig.	.81	31	15	56	Kimball	June	4	1889	350
Lodge Pole Cr.	Linn, Kenneth	Kimball	Ruttner (New) Canal	Irrig.	.33	36	15	57	Kimball	June	4	1889	350-R
Lodge Pole Cr.	Oberfelder, R. S.	Sidney	Oberfelder Canal	Irrig.	.43	31	14	46	Cheyenne	June	10	1889	333
Lodge Pole Cr.	Carter, Thos. B., Adm.	Chappell	Bullock Canal	Irrig.	1.43	3	13	46	Deuel	June	25	1889	296
Lodge Pole Cr.	Searcy, Mrs. Geo. H.	Tuscaloosa,											
		Ala	Persinger Canal	Irrig.	4.57	33	14	46	Deuel	June	25	1889	297
Lodge Pole Cr.	Krueger, R. and F. W.	Sidney	Krueger Canal No. 1	Irrig.	3.00	29	11	48	Cheyenne	June	26	1889	325
Lodge Pole Cr.	Thomas, Elsie O.	Omaha	Hale Canal No. 2	Irrig.	.43	36	14	49	Cheyenne	June	26	1889	319
Lodge Pole Cr.	Peters Trust Company	Omaha	Brady Canal	Irrig.	.71	29	15	55	Kimball	Aug.	16	1889	352
Lodge Pole Cr.	Gross, Wm. A. and Chas. C.	Pine Bluff, Wyo.											
			Hoover Canal	Irrig.	1.43	12	14	59	Kimball	Sept.	4	1889	353
Lodge Pole Cr.	Equitable Life Insur- ance Company	Des Moines, Iowa											
			Ickes Canal	Irrig.	2.50	28	14	50	Cheyenne	Mar.	25	1891	329
Lodge Pole Cr.	Johnson, Chas. W.	Potter	Adams Canal	Irrig.	1.43	3	14	59	Cheyenne	July	1	1891	371
Lodge Pole Cr.	Atkins, D. K. and Garrard, Robt. P.	Kimball	Hurley-Lilly- Polly Canal	Irrig.	2.57	26	15	56	Kimball	Oct.	1	1891	354
Lodge Pole Cr.	Thorstensen, Nels	Potter	Christensen Canal	Irrig.	.57	7	14	51	Cheyenne	Apr.	15	1893	366
Lodge Pole Cr.	Thorstensen, Nels	Potter	Christensen Canal	Irrig.	.43	7	14	51	Cheyenne	Apr.	15	1893	367

"R" Denotes relocation

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant			Location of Headgate or Dam		Date of Priority		Doc. No.	App. No.	
					in	County		Mo.	D|Yr.					
						Sec.-ft.	S			T	U			
Lodge Pole Cr.	Van Aelstyn, Herman.	Sidney	Trognitz Canal	Irrig.	1.00	36	14	00	Cheyenne	June	1|1893	365	.....
Lodge Pole Cr.	Oberfelder, R. S.	Sidney	Oberfelder Canal	Irrig.	2.00	31	14	00	Cheyenne	Dec.	30|1893	306	.....
Lodge Pole Cr.	Borgman, Henry F.	Lodgepole	Barrett Canal	Irrig.		32	14	46	Cheyenne			334*	.....
Lodge Pole Cr.	Krueger, R. S.	Sidney	Krueger Canal	Irrig.	1.00	29	14	48	Cheyenne	May	1|1894	968	.....
Lodge Pole Cr.	Lyngholm, Hannah	Sidney	Lyngholm Canal	Irrig.	.36	11	14	31	Cheyenne	Nov.	1|1894	337	.....
Lodge Pole Cr.	Dickinson, Geo. W. et al.	Lodgepole	Dickinson Canal	Irrig.	2.29	33	14	47	Cheyenne	May	10|1896	967	.....
Lodge Pole Cr.	Searcy, Mrs. Geo. H.	Tuscaloosa, Ala.	Bullock Canal	Irrig.	.57	4	13	46	Deuel	Feb.	16|1898	.....	437
Lodge Pole Cr.	Forsling, Mrs. A.	Kimball	Maltese Cross Canal	Irrig.	.21	36	15	57	Kimball	May	16|1898	.....	454
Lodge Pole Cr.	Wearin, Wm. H.	Carleton	Bushnell Canal	Irrig.	3.00	2	14	58	Kimball	Apr.	15|1899	.....	504
Lodge Pole Cr.	Wiegand, Lyle H.	Chappell	Wiegand Canal	Irrig.	2.00	17	13	45	Deuel	May	31|1900	.....	563
Lodge Pole Cr.	Brown, G. B.	Chappell	Neuman Canals 1-2	Irrig.	1.89	36	15	45	Deuel	June	12|1900	.....	565
Lodge Pole Cr.	McHatton, Jas. W.	Chappell	Wertz Canal	Irrig.	2.86	12	13	46	Deuel	Feb.	14|1901	.....	600
Lodge Pole Cr.	Neuman, Guy C.	Chappell	Neuman Canal	Irrig.	1.29	26	13	45	Deuel	Apr.	17|1901	.....	611
Lodge Pole Cr.	Johnson, J. C., Est.	Chappell	Johnson Canal	Irrig.	2.01	23	13	45	Deuel	Apr.	17|1901	.....	612
Lodge Pole Cr. (See A-1974)	Rodman, Walter M.	Kimball	Bennett Reservoir	Storage	7700	A	22	15	55	Kimball	Mar.	13|1902	657
Lodge Pole Cr.	Naslund, Henry	Chappell	Naslund Canal	Irrig.	.90	1	12	45	Deuel	Apr.	16|1902	.....	661
Lodge Pole Cr.	Rodman, Walter M.	Kimball	Bennett Reservoir Canal	Irrig.	1.22	22	15	55	Kimball	Oct.	2|1902	.....	691
(Res. A-567)	Rodman, Walter M.	Kimball	Bennett Reservoir Canal	Supple.		22	15	55	Kimball	Oct.	2|1902	.....	691
Lodge Pole Cr.	Forsling, Alfred	Kimball	Forsling Canal	Irrig.	1.50	34	15	57	Kimball	Apr.	24|1903	.....	703
Lodge Pole Cr.	Rodman, Roland V.	Kimball	Kinney-Forsling Canal	Irrig.	1.07	33	15	56	Kimball	July	25|1903	.....	718
Lodge Pole Cr.	Rodman, Roland V.	Kimball	Ruttner-Kinney Canal	Irrig.	.75	31	15	56	Kimball	July	25|1903	.....	718-R
Lodge Pole Cr.	Gieseking, Herman	Altamont, Ill.	Bickel Canal	Irrig.	.93	30	15	55	Kimball	Aug.	3|1903	.....	719
Lodge Pole Cr.	Fuller, Clark H. and Mary J.	Sidney	Pomeroy Canal No. 1	Irrig.	.57	15	14	51	Cheyenne	Aug.	20|1903	.....	728

DEPARTMENT OF ROADS AND IRRIGATION

Lodge Pole Cr.	Atkins, D. K.	Kimball	Faden Canal	Irrig.	.14|30|15|55	Kimball	Sept.	9|1903	724
Lodge Pole Cr.	Rodman, Walter M.	Kimball	Owasco Canal	Irrig.	9.84|29|15|55	Kimball	Sept.	12|1903	725
Lodge Pole Cr.	Linn, Kenneth	Kimball	Ruttner (New) Canal	Irrig.	.51|36|15|57	Kimball	Sept.	16|1903	727
Lodge Pole Cr.	Peters Trust Company	Omaha	McIntosh Enlargement	Irrig.	1.75|29|15|55	Kimball	Dec.	15|1903	734
Lodge Pole Cr.	Soderquist, Peter, Est.	Chappell	Smith Canal	Irrig.	3.86|12|12|45	Deuel	Aug.	18|1906	850
Lodge Pole Cr.	Soderquist, Peter, Est.	Chappell	Ralton System	Irrig.	2.59|12|12|45	Deuel	Jan.	4|1907	847
Lodge Pole Cr.	Rodman, Roland V.	Kimball	Yoder Enlargement	Irrig.	2.71|36|15|57	Kimball	Apr.	9|1907	857
Lodge Pole Cr.	Walker, I. S.	Kimball	Ruttner (New) Canal	Irrig.	.63|36|15|57	Kimball	Sept.	16|1907	869
Lodge Pole Cr.	Gross, Wm. and Chas.	Pine Bluff, Wyo.	Tracy Canal	Irrig.	.50|12|14|59	Kimball	Sept.	21|1907	870
Lodge Pole Cr.	Soderquist, Peter, Est.	Chappell	Ralton Canal	Irrig.	12.40|36|13|45	Deuel	Dec.	4|1907	882
Lodge Pole Cr.	Kimball Irrig. Dist.	Kimball	Oliver Reservoir	Storage	‡20,000|36|15|57	Kimball	Apr.	15|1908	807
Lodge Pole Cr.	Kimball Irrig. Dist.	Kimball	Kimball Canal	Irrig.	AF				
Lodge Pole Cr.	Atkins, D. K. and Minnie	Kimball	Kimball Canal	Irrig.	.36|15|57	Kimball	Apr.	15|1908	897
Lodge Pole Cr.	Wilds, Turner	Chappell	Atkins-Polly Canal	Irrig.	.11|30|15|55	Kimball	Apr.	15|1908	807-R
Lodge Pole Cr.	Ruttner, Joseph B.	Sunol	Wilds Canal	Irrig.	.57|11|13|46	Deuel	June	2|1908	904
Lodge Pole Cr.	Peters Trust Company	Omaha	Ruttner Canal	Irrig.	.57|30|14|47	Cheyenne	June	25|1908	906
Lodge Pole Cr.	Maginnis, P.	Kimball	Bennett Canal No. 3	Irrig.	1.00|29|15|54	Kimball	Feb.	17|1909	934
Lodge Pole Cr.	Brown, Cyrus D., et al	Chappell	McGinnis Ice Pond	Storage	‡500AF|26|15|56	Kimball	Sept.	19|1911	1127
Lodge Pole Cr.	Hemling, Howard C.	Chappell	Soderquist Canal	Irrig.	2.00|36|13|45	Deuel	Oct.	22|1912	1237
Lodge Pole Cr.	Heming, Howard C.	Chappell	Wiegend Canal No. 3	Irrig.	1.21|16|13|45	Deuel	Sept.	10|1913	1322
Lodge Pole Cr.	Brown, Cyrus D., et al	Chappell	Wiegend Canal No. 2	Irrig.	.43|16|13|45	Deuel	Sept.	10|1913	1323
Lodge Pole Cr.	Neuman, A. G.	Chappell	Soderquist Canal	Irrig.	2.33|36|13|45	Deuel	June	29|1915	1420
Lodge Pole Cr.	Bentley, Bertha M.	Sidney	Neuman Canal	Irrig.	1.03|26|13|45	Deuel	Jan.	5|1916	1445
Lodge Pole Cr.	Sudman, Mrs. Minnie	Chappell	Bentley Reservoir	Storage	‡.50AF|34|14|50	Cheyenne	Feb.	14|1917	1478
Lodge Pole Cr.	McAuliffe, Frank	Chappell	Sudman Canal	Irrig.	.79|22|13|45	Deuel	Apr.	5|1917	1483
Lodge Pole Cr.	Ruttner, Joseph B.	Sunol	McAuliffe Canal	Irrig.	1.77|21|13|45	Deuel	Oct.	6|1919	1559
Lodge Pole Cr.	Stuht, Fred W.	Sidney	Howard Enlargement	Irrig.	.20|31|14|47	Cheyenne	Mar.	7|1922	1645
Lodge Pole Cr.	McIntosh, J. L., and Martin, Paul L.	Sidney	Stuht Canal	Irrig.	.40|32|14|49	Cheyenne	Apr.	26|1922	1659
Lodge Pole Cr.	Gieseking, C. H.	Altamont, Ill.	Martin Pump	Irrig.	1.23|35|14|50	Cheyenne	Nov.	22|1922	1695
Lodge Pole Cr.	McIntosh, Grace	Sidney	Gieseking Canal	Irrig.	.90|20|15|55	Kimball	Mar.	31|1926	1801
			Bluhm Canal	Irrig.	1.00|36|14|48	Cheyenne	May	24|1926	1811

‡Represents reservoir capacity alleged by applicant.
 "R" Denotes relocation.
 *Claim not adjudicated.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Lodge Pole Cr.	Stahla, Phillip	Kimball	Kinney Canal	Irrig.	.20	31	15	56	Kimball	July	14	1926	.....	1828
Lodge Pole Cr.	Wearin, Wm. H.	Carleton	Wearin Canal	Irrig.	1.50	8	14	58	Kimball	Sept.	28	1926	.....	1864
Lodge Pole Cr. (See A-657) (Reservoir A-657 and A-1974)	Rodman, Walter M.	Kimball	Bennett Reservoir Enlargement	Storage	1262 AF	22	15	55	Kimball	Jan.	13	1928	.....	1974
	Peters Trust Company	Omaha	Bennett Reservoir Canal	Irrig.		22	15	55	Kimball	Jan.	13	1928	.....	1975
Lodge Pole Cr.	Peterson, Geo. H.	Chappell	Peterson Canal	Irrig.	.66	26	13	45	Deuel	Apr.	17	1928	.....	2006
Lodge Pole Cr.	McLernon, Mrs. Emma	Sidney	McLernon Canal	Irrig.	.21	31	14	49	Cheyenne	Sept.	1	1928	.....	2027
Lodge Pole Cr.	Pantenburg, Wm. F.	Sidney	Pantenburg Canal	Irrig.	1.00	34	14	49	Cheyenne	Nov.	15	1929	.....	2113
Lodge Pole Cr.	Thorstensen, Nels	Potter	Thorstensen Pump	Irrig.	.29	7	14	51	Cheyenne	Mar.	10	1936	.....	2568
Springs	Oberfelder, R. S.	Sidney	Oberfelder Canal	Irrig.	2.29	31	14	46	Cheyenne	May	29	1889	307	.....
Springs	Chambers, Chas. P.	Sidney	Private Canal	Irrig.	.04	14	13	51	Cheyenne	Mar.	19	1895	335	.....
Springs	Libby, H. H.	Lodgepole	Spring Branch Canal	Irrig.	.29	30	11	47	Cheyenne	July	1	1901	.....	623

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
Nemaha River	City of Falls City	Falls City	City Supply	Dom.	4.63	22	1	18E	Richardson	Aug.	5	1936	2605
Nemaha River, North Fork	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Water Supply	Dom.	1.00	33	3	12E	Pawnee	Aug.	8	1922	1687
Nemaha River, North Fork	Estes, E. B.	Tecumseh	Estes Canal	Irrig.	1.43	19	5	11E	Johnson	Aug.	15	1930	2159
Nemaha River, North Fork (Drainage Channel)	Goracke, Roy C.	Tecumseh	Goracke Pumps	Irrig.	4.20	13	5	10E	Johnson	May	4	1934	2377
Nemaha River, North Fork (Drainage Channel)	Goracke, Raymond A	Tecumseh	Goracke Pump	Irrig.	.54	14	5	10E	Johnson	July	16	1934	2428
Nemaha River, North Fork (Drainage Channel)	Goracke, Joe	St. Mary	Goracke Pump	Irrig.	1.12	14	5	10E	Johnson	Sept.	26	1934	2478
Nemaha River, North Fork	City of Humboldt	Humboldt	Humboldt Lake Supply Canal	Resort	‡25.4F	10	2	13E	Richardson	June	20	1935	2551
Nemaha River, North Fork	City of Tecumseh	Tecumseh	City Supply	Dom.		33	5	11E	Johnson	Sept.	5	1936	2634*
Walnut Creek	Kimmel, R. P.	Nebraska City	Kimmel Pump	Irrig.		36	9	13E	Otoe	Aug.	27	1936	2625
Walnut Creek	Raben, Harvey H.	Nebraska City	Raben Pump	Irrig.		36	9	13E	Otoe	Sept.	3	1936	2633
Weeping Water Creek	Gilmore, Chas.	Weeping Water	Gilmore Canal	Ice	8.00	2	10	11E	Cass	Aug.	5	1909	955

*Application pending.

‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Ash Creek.....	Swenson, John E.....	Eddyville.....	Tierney Pump.....	Irrig.	2.95	7	14	20	Custer.....	May	17	1932	.....	2271
Beaver Creek.....	Quackenbush, J. W.....	Albion.....	Pioneer Canal.....	Irrig.	3.57	22	20	6	Boone.....	Dec.	8	1894	287	.....
Beaver Creek.....	Long, Wm. M.....	Genoa.....	Windmill Project.....	Irrig.	.14	14	17	4	Nance.....	Mar.	31	1896	.....	277
Beaver Creek.....	Central West Public Service Company of Nebraska	Omaha.....	Albion Power Plant.....	Power	67.00	26	20	6	Boone.....	Oct.	3	1901	.....	639
Beaver Creek.....	Iowa-Nebraska Light and Power Co.	Lincoln.....	St. Edward Plant.....	Power	130.00	27	19	5	Boone.....	Feb.	11	1911	.....	1053
Beaver Creek.....	Central West Public Service Company of Nebraska	Omaha.....	Albion Power Plant.....	Power	70.00	26	20	6	Boone.....	Feb.	20	1917	.....	1480
Beaver Creek.....	Loup River Public Power District.....	Columbus.....	Beaver Cr. Reservoir.....	Storage	110,000	14	17	4	Nance.....	Feb.	13	1933	.....	2303
					AF	15	17	4						
Beaver Creek.....	Umbarger, Arthur.....	Genoa.....	Umbarger Pump.....	Irrig.		10	17	4	Nance.....	July	8	1933	.....	2329
Beaver Creek.....	Peterson, Homer S.....	St. Edward.....	Peterson Pump.....	Irrig.	.64	18	18	4	Platte.....	Sept.	10	1934	.....	2471
Beaver Creek.....	Peterson, Henry M.....	St. Edward.....	Peterson Pump.....	Irrig.	.63	2	18	5	Boone.....	Aug.	7	1935	.....	2554
Beaver Creek.....	Self, Irene.....	Omaha.....	Self Pump.....	Irrig.		20	19	5	Boone.....	June	19	1936	.....	2582
Beaver (Mud) Creek.....	The Ravenna Mills.....	Ravenna.....	The Ravenna Mills.....	Power		8	12	14	Buffalo.....				1037 ⁹²	.....
Beaver (Mud) Creek.....	C. B. & Q. R. R. Co.....	Lincoln.....	C. B. & Q. Water Supply.....	Dom.	1.00	8	12	14	Buffalo.....	July	26	1919	.....	1550
Beaver (Mud) Creek.....	Skochdopole, Ernest.....	Ravenna.....	Skochdople Canal.....	Irrig.	2.10	1	12	15	Buffalo.....	Nov.	8	1926	.....	1871
Beaver (Mud) Creek.....	Yanda, Geo. J.....	Ravenna.....	Yanda Pumps.....	Irrig.	.90	8	12	14	Buffalo.....	Apr.	4	1927	.....	1920
						9	12	14						

Beaver (Mud) Creek	Dietrich, Catherine, et al.	Ravenna	Dietrich Pump	Irrig.	1.26	4	12	15	Buffalo	Aug.	16	1934	2164	
Beaver (Mud) Creek	Perry, John J.	Sweet Water	Perry Pump	Irrig.		3	12	15	Buffalo	Aug.	21	1936	2620	
Calamus R.	Calamus Irrig. Dist.	Harrop	Calamus Canal	Irrig.	121.18	5	24	20	Loup	Oct.	31	1925	1785	
Calamus R.	Calamus Irrig. Dist.	Harrop	Calamus Canal	Irrig.	4.86	5	24	20	Loup	Jan.	12	1927	1883	
Calamus R.	Calamus Irrig. Dist.	Harrop	Calamus Reservoir	Storage	1650 AF	5	24	20	Loup	June	8	1926	1816	
Calamus R.	Phillips, J. C., et al.	Burwell	Phillips Pump	Irrig.	.53	25	25	21	Brown	June	13	1932	2273	
Cedar River	Central Power Co.	Grand Island	Van Ackeren Plant	Power	290.00	5	18	7	Boone	May	1	1881	1049	
Cedar River	Iowa-Nebraska Light and Power Company	Lincoln	Fullerton Power Plant	Power	200.00	12	16	6	Nance	Sept.	9	1901	636	
Cedar River	Western Public Service Company	Scottsbluff	Ericson Power Plant	Power	175.00	25	21	12	Wheeler	May	24	1915	1415	
Cedar River	Iowa-Nebraska Light and Power Company	Lincoln	Fullerton Power Plant	Rs.dam A-636	250.00	12	16	6	Nance	Aug.	8	1922	1686	
Cedar River	Iowa-Nebraska Light and Power Company	Lincoln	Fullerton Power Plant	Rs.dam A-636 A-1686		12	16	6	Nance	Jan.	27	1925	1758	
Cedar River	Western Public Service Company	Scottsbluff	Lake Ericson Power Plant	Rs.dam A-1415		25	21	12	Wheeler	May	17	1929	2081	
Cedar River	Christensen, Chas.	Fullerton	Christensen Pump	Irrig.	2.37	30	17	6	Nance	Sept.	29	1931	2210	
Cedar River	Maxwell, David Edw.	Columbus	Maxwell Pumps	Irrig.	4.01	23	19	8	Boone	Feb.	14	1934	2364	
Cedar River	Haggerty, John C.	Spalding	Haggerty Pump	Irrig.		30	34	20	9	Greeley	May	31	1934	2390
Cedar River	Dobson, W. H.	Cedar Rapids	Dobson Pump	Irrig.		23	19	8	Boone	July	6	1936	2585	
Cedar River	Haggerty, John C.	Spalding	Haggerty Pump	Irrig.		34	20	9	Greeley	July	20	1936	2592	
Cedar River	Kinnier, Susan, et al.	Spalding	Kinnier Pump	Irrig.		28	20	9	Greeley	Aug.	17	1936	2617	

**Claim not adjudicated.
 †Represents reservoir capacity alleged by applicant.

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

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Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
Clear Creek	Sherbeck, Albert I., Estate of	Westerville	Sherbeck Pumps	Irrig.	4.13	5	16	17	Custer	Feb.	7	1927	1894
						4	16	17					
Clear Creek	Dean, Paul H.	Broken Bow	Sutton Pump	Irrig.	2.43	36	16	17	Custer	Oct.	18	1927	1962
Clear Creek	Lowry, Maurice T.	Mason City	Lowry Pump	Irrig.	1.11	1	15	17	Custer	Aug.	22	1928	2026
Clear Creek	Dean, Paul H.	Broken Bow	Dean Pump	Irrig.	2.00	22	16	17	Custer	Oct.	9	1928	2010
Clear Creek	Banker, Louis, Jr.	Litchfield	Banker Pump	Irrig.	.13	36	11	16	Sherman	Mar.	30	1931	2370
Cow Creek	Price, Ralph B.	Cascade	Homestead Canal	Irrig.	2.29	7	28	27	Cherry	July	11	1891	191
Dane Creek	Koupal, Frank	Ord	Koupal Canal	Irrig.	.14	20	19	11	Valley	July	5	1912	1297
Elm Creek	Rogers, Wilber A.	Ord	Rogers Pump	Irrig.	1.68	25	19	14	Valley	Sept.	30	1929	2107
Goose Creek	Erickson, P. C. and J. M.	Brewster	Erickson Canal	Irrig.	8.00	18	25	21	Brown	Apr.	3	1895	209
Goose Creek	Giles, R. P., et al.	Elsmere	Giles Canal	Irrig.	10.00	2	25	25	Cherry	June	1	1895	187
Goose Creek	Crook, F.	Giles	Crook Canal	Irrig.	6.80	33	25	24	Brown	June	2	1896	345
Goose Creek	Fink, Arnold F.	Elsmere	Empire Ranch Canal	Irrig.	1.62	26	26	25	Cherry	June	11	1934	2405
Goose Creek	Giles, Richard, et al.	Elsmere	Giles Canal	Irrig.		35	26	25	Cherry	Aug.	11	1934	2462b*
Gracie Creek	Shoemaker, A. E.	Burwell	Gracie High Line Canal	Irrig.	.29	29	23	17	Loup	July	9	1897	397
Lillian Creek	Davis, Frank J.	Broken Bow	Davis Pump	Irrig.	4.90	1	19	20	Custer	Feb.	7	1927	1895
Lillian Creek	Myers, W. F.	Broken Bow	Myers Canal	Irrig.	.11	15	19	20	Custer	Aug.	30	1927	1956
Looking Glass Creek	Girard, E. A. and F. H.	Monroe	Monroe Canal	Irrig.	2.86	1	17	3	Platte	June	12	1891	289

REPORT OF THE STATE ENGINEER

Looking Glass Creek	Loup River Public Power District	Columbus	Looking Glass Reservoir	Storage	\$10,000 AF	32	18	3	Platte	Feb.	13	1933	2302
Lost Creek (Warm Slough)	Dworak, Helen	Schuyler	Dworak Pump	Irrig.	1.30	28	17	3E	Colfax	Oct.	12	1928	2041
Lost Creek (Slough)	Ballou, James	Schuyler	Balloon Reservoir	Resort	\$14AF	29	17	3E	Colfax	June	11	1931	2106
Lost Creek	Ballou, James	Schuyler	Balloon Pump	Irrig.		29	17	3E	Colfax	Aug.	28	1936	2628
Loup River	Loup River Public Power District	Columbus	Columbus-Genoa Project	Power	3500.00	33	17	4	Nance	Sept.	15	1932	2257**
Loup River	Grant, William	Lincoln	Nebraska Utilities Hydroelectric Plant	Power		28	17	4	Nance	Jan.	10	1933	2295*
Loup River	Loup River Public Power District	Columbus	Columbus-Genoa Project	Incr.Hd. A-2287		35	17	4	Nance	Apr.	4	1936	2573
Loup R., Mid.	Western Public Service Company	Scottsbluff	Lundy Mill and Power Plant	Power	200.00	4	19	19	Custer	Aug.	1	1886	1024
Loup R., Mid.	Muhlback, Fred	Mullen	Mullen Grist and Light Plant	Power	121.00	6	24	32	Hooker	Mar.	12	1912	1185
Loup R., Mid.	St. Paul Electric Light Works	St. Paul	St. Paul Power Plant	Power	2000.00	3	14	10	Howard	Aug.	12	1912	1216
Loup R., Mid.	Western Public Service Company	Scottsbluff	Lundy Mill and Power Plant	Rs.dam D-1021	100.00	4	19	19	Custer	Sept.	16	1912	1224
Loup R., Mid.	United States of America	Halsey	Bessey Nursery Canal	Irrig.	1.00	3	22	26	Thomas	Sept.	16	1912	1226

*Application pending.

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Loup R., Mid.	Midwest Life Insurance Company	Lincoln	Loup Valley Canal	Irrig.	.86	36	20	21	Custer	May	31	1913	---	1294
Loup R., Mid.	Central Power Co.	Grand Island	Boelus Power Canal	Power	1000.00	30	13	12	Howard	July	14	1911	---	1373
Loup R., Mid.	C. B. & Q. R. R. Co.	Lincoln	Seneca Pipe Line	Dom.	.50	18	21	30	Thomas	Dec.	28	1914	---	1396
Loup R., Mid.	Stancliff, E. L.	St. Louis, Mo.	Arcadia Power Plant	Power		35	18	17	Custer	Apr.	4	1927	---	1918*
Loup R., Mid.	Knapp, Harry R.	Broken Bow	Knapp Pump	Irrig.	5.49	32	15	14	Sherman	July	18	1927	---	1943
Loup R., Mid.	Klausen, Paul	Rockville	Klausen Canal	Irrig.	2.17	36	14	14	Sherman	Aug.	14	1929	---	2095
Loup R., Mid.	John, Vincent L.	Loup City	John Canal	Irrig.	.59	18	15	14	Sherman	Sept.	18	1929	---	2105
Loup R., Mid.	Obermiller, Robert	Boelus	Obermiller Pump	Irrig.	.97	28	13	12	Howard	May	7	1930	---	2139
Loup R., Mid.	Haesler, John	Loup City	Haesler Pump	Irrig.	1.75	13	15	15	Sherman	July	27	1931	---	2222
Loup R., Mid.	U. S. Forest Service	Halsey	Bessey Nursery Canal	Irrig.	.30	3	22	26	Thomas	July	30	1931	---	2223
Loup R., Mid.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Middle Loup Hydro-electric Plant	Power		35	18	17	Custer	Dec.	28	1932	---	2292*
Loup R., Mid.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Canal Nos. 1-2	Irrig.	\$5300.00	10	19	18	Custer	Dec.	28	1932	---	2293
			Canal No. 3			6	17	16	Valley					
			Canal No. 4			26	18	17	Custer					
			Canal No. 5			2	15	15	Sherman					
			Woods Park Canal			23	19	17	Custer					
			Lee Park Canal			8	17	16	Valley					
Loup R., Mid.	Books, William J.	Broken Bow	Books Pump	Irrig.	1.36	36	20	21	Custer	July	8	1933	---	2330
Loup R., Mid.	Leininger, John P.	Loup City	Leininger Pump	Irrig.	.93	12	15	15	Sherman	June	2	1934	---	2395
Loup R., Mid.	Rankin, Mary L.	Broken Bow	Rankin Canal	Irrig.	21.56	4	21	23	Blaine	Sept.	22	1934	---	2477
Loup R., No.	North Loup Power Co.	North Loup	Scotia Power Plant	Power		27	17	12	Greeley	Mar.	31	1928	---	1995*
Loup R., No.	Steinmeyer, Geo W.	Beatrice	North Loup Plant	Power		35	19	13	Valley	Apr.	26	1928	---	2011*
Loup R., No.	Naab, J. Peter	Burwell	Naab Pump	Irrig.	1.10	28	21	17	Loup	Aug.	3	1929	---	2091
Loup R., No.	Anderson Brothers Irrig. Company	Hastings	Anderson Pump	Irrig.	5.17	7	15	9	Howard	Apr.	5	1930	---	2131
Loup R., No.	Smith, Daniel B.	Ord	Smith Pump	Irrig.	2.25	9	10	14	Valley	Aug.	6	1930	---	2151

Loup R., No.	Mortensen, Crawford, J.	Ord	Mortensen Pump	Irrig.	1.94	5	19	14	Valley	Aug.	8	1930	2155
Loup R., No.	Stewart, Wm. J.	Ord	Stewart Pump	Irrig.	.51	9	19	14	Valley	Aug.	11	1930	2158
Loup R., No.	Bloomquist, O. V.	St. Paul	Bloomquist Pump	Irrig.	.83	16	15	10	Howard	Nov.	26	1930	2178
Loup R., No.	Sailing, Ira L.	Cushing	Sailing Pump	Irrig.	.86	7	15	9	Howard	Jan.	14	1931	2187
Loup R., No.	Cox, R. K.	Purdum	Cox Pumps	Irrig.	4.87	9	24	25	Blaine	Feb.	25	1932	2255
						16	24	25					
Loup R., No.	Newton Irrig. Dist.	Moulton	Newton Canal	Irrig.	19.28	35	23	21	Blaine	Mar.	18	1932	2263
Loup R., No.	North Loup River Public Power and Irrig. District	Ord	Taylor-Ord Canal	Irrig.	\$1260.00	13	21	19	Loup	Mar.	28	1933	2312
			Ord.-No. Loup Canal			27	19	14	Valley				
			Burwell-Sumpter Canal			14	21	16	Garfield				
Loup R., No.	North Loup River Public Power and Irrig. District	Ord	Sioux Creek Plant	Power		36	21	17	Loup	Mar.	28	1933	2313*
			Ord Plant	Power		32	19	13	Valley				
			Fort Hartsuff Plant	Power		10	20	15	Valley				
Loup R., No.	Tetschner, Frank	Burwell	Tetschner Pump	Irrig.	.21	14	21	16	Garfield	May	24	1933	2323
Loup R., No.	City of Ord	Ord	Municipal Pipe Line	Dom.	1.00	22	19	14	Valley	Jan.	5	1934	2349
Loup R., No.	Cole, J. H. and W. B.	Taylor	Cole Pump	Irrig.	1.31	20	21	18	Loup	July	6	1934	2417
Loup R., No.	Bales, Henry A.	Burwell	Bales Pump	Irrig.	.65	11	21	16	Garfield	July	14	1934	2427
Loup R., No.	Wells, Lee	Taylor	Wells Pump	Irrig.	.74	20	21	18	Loup	Aug.	6	1934	2455
Loup R., No.	Britton, Jack	Burwell	Britton Pump	Irrig.	1.00	26	21	18	Loup	Aug.	20	1934	2467
Loup R., No.	Almeria Public Power and Irrig. District	Almeria	Almeria Canal	Irrig.	12.00	24	22	20	Loup	Aug.	28	1934	2469
Loup R., No.	Coble, W. C.	Whitman	Coble Canal	Irrig.	.48	20	28	35	Cherry	Oct.	10	1934	2485
Loup R., No.	Coble, W. C.	Whitman	Coble Reservoir	Storage	\$41AF	20	28	35	Cherry	Oct.	10	1934	2486
(Res. A-2486)	Coble, W. C.	Whitman	Coble-High Line Canal	Irrig.		20	28	35	Cherry	Oct.	10	1934	2574
Loup R., No.	Walker, Glenn	Holmesville	Walker Pump	Irrig.	.71	33	21	17	Loup	Nov.	2	1931	2490
Loup R., No.	Krebs, M. L., Estate of	Scotia	Krebs Canal	Irrig.	1.75	27	17	12	Greeley	Feb.	26	1935	2520
Loup R., No.	Coble, W. C.	Whitman	High Line Canal	Irrig.	1.32	20	28	35	Cherry	Mar.	12	1935	2525
Loup R., No.	Janicek, Aldrich	Burwell	Janicek Pump	Irrig.		24	21	16	Garfield	June	24	1936	2581
Loup R., No.	Ferguson, Robert W.	Brewster	Ferguson Pump	Irrig.		36	23	21	Blaine	Sept.	8	1936	2635*

*Application pending.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in	Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Loup R., So.	Callaway Milling and Electric Company	Callaway	Callaway Mill	Power	83.00	2	15	23	Custer	Oct.	1	1889	988	.....
Loup R., So.	Tillson, W. Z.	Poole	Tillson Canal	Irrig.	15.57	29	12	15	Buffalo	Dec.	28	1894	236	.....
Loup R., So.	Boblitz, E. J.	Oconto	Boblitz Canal	Irrig.	.50	10	14	21	Custer	Jan.	17	1895	219a	.....
Loup R., So.	Boblitz, E. J.	Oconto	Boblitz Canal	Power	20.00	10	14	21	Custer	Jan.	17	1895	219b	.....
Loup R., So.	Brown, A. D.	Milldale	Brown Canal	Irrig.	.86	31	17	24	Custer	Feb.	23	1897	.....	363
Loup R., So.	Hartzell, B. F.	Logan	Hartzell Canal	Irrig.	.37	27	18	26	Logan	May	18	1897	.....	390
Loup R., So.	C. B. & Q. R. R. Co.	Lincoln	Ravenna Pipe Line	Dom.	.50	9	12	14	Buffalo	Dec.	24	1914	.....	1393
Loup R., So.	Central Power Co.	Grand Island	Grand Island Plant	Power	840.00	35	13	12	Howard	Jan.	18	1915	.....	1400
Loup R., So.	Perkins, Mrs. Ethel	Arnold	Perkins Canal	Irrig.	3.77	25	17	25	Custer	Mar.	30	1928	.....	1994
Loup R., So.	Shaw, Orren	Caillaway	Finch Pump	Irrig.	2.30	9	16	24	Custer	Sept.	27	1928	.....	2037
Loup R., So.	Quest, C. E.	Boelus	Quest Canal	Irrig.	1.55	33	13	12	Howard	June	13	1930	.....	2143
Loup R., So.	Roth, Fred	Ravenna	Roth Pump	Irrig.	.57	5	12	13	Buffalo	June	7	1934	.....	2400
Loup R., So.	Wall, R. V.	Logan	Wall Pump	Irrig.	.32	35	18	26	Logan	June	18	1934	.....	2410
Messenger Cr.	Bartz, Paul	North Loup	Bartz Pump	Irrig.	.24	26	19	13	Valley	Dec.	20	1934	.....	2501
Mira Creek	McClellan, C. W.	North Loup	Mira Reservoir	Storage	14AF	26	18	13	Valley	Mar.	8	1912	.....	1182
(Res. A-1182)	McClellan, C. W.	North Loup	Mira Reservoir Canal	Irrig.		26	18	13	Valley	Mar.	8	1912	.....	1239
Mira Creek	Hutchins, W. T.	North Loup	Hutchins Dam	Irrig.	.03	26	18	13	Valley	Apr.	18	1916	.....	1453
Monroe Creek	Loup River Public Power District	Columbus	Monroe Reservoir	Storage	2000AF	30	18	3	Platte	Feb.	22	1933	.....	2305
Monroe Creek	Loup River Public Power District	Columbus	Monroe Creek Plant	Power	5.00	31	18	2	Platte	June	9	1933	.....	2325
Mud Creek	Penn, Chas.	Broken Bow	Penn Canal	Irrig.	.50	33	17	20	Custer	Aug.	14	1894	.....	215
Mud Creek	Benson, C. W.	Litchfield	Litchfield Mills	Power		33	14	16	Sherman				.....	999*
Mud Creek	Mason City Roller Mill and Light Plant	Mason City	Mason City Mill and Light Plant	Power		31	15	17	Custer				.....	1042*

DEPARTMENT OF ROADS AND IRRIGATION

Mud Creek	Lang, Geo. W.	Litchfield	Lang Pump	Irrig.	1.21	13	11	17	Custer	Aug.	20	1926	1818
Mud Creek	Wilson, Otis N.	Litchfield	Wilson Pump	Irrig.	.51	14	14	17	Custer	Dec.	10	1926	1879
Mud Creek	Van Sant, J. A.	Broken Bow	Van Sant Pump	Irrig.	.27	33	17	20	Custer	Dec.	13	1926	1880
Mud Creek	Sorensen, U.	Berwyn	Sorensen Pump	Irrig.	1.00	21	16	19	Custer	Jan.	14	1927	1884
Mud Creek	Willoughby, C. D.	Mason City	Willoughby Pump	Irrig.	1.10	34	15	17	Custer	Feb.	8	1927	1896
Mud Creek	Duke, R. H., et al.	Mason City	Dorsett-Duke-Amsberry Pump	Irrig.	2.41	31	15	17	Custer	Nov.	10	1928	2051
Mud Creek	Leui, Harvey C.	Broken Bow	Yeomen Pump	Irrig.	.17	18	16	19	Custer	Jan.	3	1929	2059
Mud Creek	Tracy, R. N.	Mason City	Tracy Pump	Irrig.	.13	32	15	17	Custer	Apr.	23	1929	2079
Mud Creek	Slote, E. A.	Litchfield	Slote Pump	Irrig.	.64	33	14	16	Sherman	May	31	1931	2391
Mud Creek	Haller, H. F.	Litchfield	Haller Pump	Irrig.	.71	19	14	16	Sherman	July	13	1934	2423
Mud Creek	Lang, J. R., Jr.	Litchfield	Lang Pump	Irrig.	1.25	13	14	17	Custer	July	27	1934	2445
Mud Creek, Branch of	Beck, W. V.	Broken Bow	Beck Pump	Irrig.		10	16	20	Custer	Aug.	19	1936	2618
Munson Creek	Lassen, Niels P.	Elba	Lassen Pump	Irrig.	.50	1	15	12	Howard	Oct.	10	1929	2108
Oak Creek	Hatt, Hans N.	Dannebrog	Oak Creek Plant No. 1	Irrig.	2.28	2	13	11	Howard	Jan.	18	1919	1530
Oak Creek	Larson, L. E.	Dannebrog	Dannebrog Reservoir	Dom.		2	13	11	Howard	Sept.	16	1919	1556
Oak Creek	Krogh, Arnold	Dannebrog	Krogh Pump	Irrig.	.53	30	11	11	Howard	Mar.	5	1930	2126
Platte River	Fremont Canal and Power Company	Fremont	Fremont Canal	Irrig.	2500.00	30	17	4E	Butler	June	21	1895	40
Platte River	City of Omaha	Omaha	Fremont-Omaha Canal	Power	2000.00	30	17	4E	Butler	Mar.	25	1908	894
Platte River	Grant, William	Lincoln		Power		1	16	1E	Butler	Nov.	18	1933	2346*
Sand Creek	Nelson, John	Callaway	Troyer Pump	Irrig.	.24	10	15	23	Custer	Feb.	21	1916	1447
Shell Creek	Schmitt, P., Estate of	Columbus	Schmitt Canal	Irrig.	2.29	19	18	1E	Platte	Dec.	17	1894	292a
Shell Creek	Schmitt, P., Estate of	Columbus	Schmitt Canal	Power	30.50	19	18	1E	Platte	Dec.	17	1894	292b
Shell Creek	Gottberg, Max	Columbus	Gottberg Canal	Irrig.	1.00	24	18	1	Platte	June	6	1895	2
Shell Creek	Arndt, Edward	Platte Center	Arndt Pump	Irrig.		24	18	2	Platte	July	31	1936	2603
Shell Creek	Herde, Phillip	Schuyler	Herde Pump	Irrig.		34	18	3E	Colfax	Sept.	28	1936	2642*

†Represents reservoir capacity alleged by applicant.

*Application pending—claim not adjudicated.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Spring Branch.	Milldale Farm and Live Stock Improvement Company.....	Council Bluff, Ia.....	Haskill Canal.....	Irrig.	7.00	31	17	21	Custer.....	Feb.	27	1914	.....	1357
Spring Creek.....	Hendryx, H. J.....	Monore.....	Hendryx Canal.....	Irrig.	1.33	2	17	3	Platte.....	June	25	1894	290	.....
Tucker Creek.....	Pressey, H. E.....	Gconto.....	The Maples.....	Irrig.	.97	9	14	21	Custer.....	Sept.	13	1931	.....	2475
Turkey Creek.....	Mortensen, M. C.....	Dannebrog.....	Mortensen Reservoir.....	Storage	16.25 AF	21	14	11	Howard.....	Aug.	31	1931	.....	2232
(Res. A-2232).....	Mortensen, M. C.....	Dannebrog.....	Mortensen Canal.....	Irrig.		21	14	11	Howard.....	Aug.	31	1931	.....	2251
Turkey Creek.....	Miller, Andrew S.....	Dannebrog.....	Miller Reservoir.....	Storage	600 AF	35	14	11	Howard.....	Jan.	20	1931	.....	2356
(Res. A-2356).....	Miller, Andrew S.....	Dannebrog.....	Miller Reservoir Canal	Irrig.		35	14	11	Howard.....	Jan.	20	1931	.....	2476
Victoria Creek.....	Myers, Perry A.....	Anselmo.....	Victoria Canal No. 1.....	Irrig.	.71	1	19	21	Custer.....	Mar.	17	1894	210 } 212 }	.....
Victoria Creek.....	Victoria Ditch Assn.....	Gates.....	Victoria Canal No. 2.....	Irrig.	8.88	1	19	21	Custer.....	July	17	1894	213	.....
Victoria Creek.....	Laughran, Thomas.....	Anselmo.....	Laughran and Bell Canal.....	Irrig.	.31	3	19	21	Custer.....	Sept.	22	1894	217	.....
Victoria Creek.....	Myers, Perry A.....	Anselmo.....	Myers Canal.....	Irrig.	1.51	1	19	21	Custer.....	Aug.	5	1926	.....	1843
Victoria Creek.....	Victoria Ditch Assn.....	Broken Bow	Victoria No. 2 Enlargement.....	Irrig.	1.01	1	19	21	Custer.....	Aug.	12	1926	.....	1845
Victoria Creek.....	McGraw, Chas.....	Broken Bow	McGraw Canal.....	Irrig.	2.95	6	19	20	Custer.....	July	23	1927	.....	1945
Victoria Creek.....	McGraw, Chas.....	Broken Bow	McGraw Canal.....	Irrig.	2.86	6	19	20	Custer.....	Aug.	6	1928	.....	2023
Victoria Creek.....	McGraw, Chas. M.....	Broken Bow	McGraw Pump.....	Irrig.	.80	6	19	20	Custer.....	June	4	1931	.....	2398
Wiggle Creek.....	Morrison, F. W.....	Callaway.....	Morrison Pump.....	Irrig.	.30	3	15	23	Custer.....	Oct.	17	1928	.....	2015

{ Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant In			Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
					Sec.-ft.	S	T	R	County	Mo.	D	Yr.			
Battle Creek.....	Hohenstein, Emma and Tomhagan, Ida.	Battle Creek	Battle Creek Mill.....	Power	10.67	36	24	3	Madison.....	Nov.	12	1898	.....	484
Battle Creek.....	Hohenstein, Emma and Tomhagan, Ida.	Battle Creek	Battle Creek Mill.....	Power	20.00	36	24	3	Madison.....	Apr.	20	1906	.....	818
Cedar Creek.....	Iowa Nebraska Light and Power Company	Lincoln.....	Oakdale Plant No. 1	Power	11	24		6	Antelope.....	June	29	1931	.....	2211*
Cedar Creek.....	Iowa-Nebraska Light and Power Company	Lincoln.....	Oakdale Plant No. 2	Power	15	24		6	Antelope.....	June	29	1931	.....	2212*
Clear Creek.....	Lyons Drainage Dist.	Lyons.....	Main Ditch No. 1.....	Drain	14	23		8E	Burt.....	Mar.	9	1911	.....	1069
Clear Creek.....	Gilmore, E. L. C.	Ashland.....	Gilmore Canal.....	Irrig.	.86	35	13	9E	Saunders.....	Aug.	10	1927	.....	1950
Dee Creek.....	Hilt, Peter, Jr.....	Waverly.....	Hik Pump.....	Irrig.	1.72	7	11	9E	Cass.....	June	12	1933	.....	2326
Dog (Dog Town) Creek..	Beckman, John.....	Wayne.....	Beckman Pump.....	Irrig.		6	26	4E	Wayne.....	Aug.	15	1936	.....	2613
Elkhorn River..	Interstate Power Co....	Dubuque, Ia.	Atkinson Mill.....	Power	38.50	30	30	14	Holt.....	Nov.	1	1883	271	.....
Elkhorn River..	Elkhorn Irrig. Co.....	O'Neill.....	Elkhorn Canal.....	Irrig.	131.43	22	29	13	Holt.....	Feb.	3	1894	259 } 263 }	.....
Elkhorn River..	Davis, Jos.....	O'Neill.....	Davis Canal.....	Irrig.	1.43	31	29	11	Holt.....	Feb.	8	1894	260	.....
Elkhorn River..	Carlou, Thos.....	O'Neill.....	Carlou Canal No. 1.....	Irrig.	1.00	32	29	11	Holt.....	Feb.	8	1894	261	.....
Elkhorn River..	Carlou, Thos.....	O'Neill.....	Carlou Canal No. 2.....	Irrig.	5.00	30	29	11	Holt.....	Feb.	8	1894	262	.....
Elkhorn River..	Cain, N. E., et al.....	O'Neill.....	Cain Canal.....	Irrig.	5.00	32	29	11	Holt.....	Feb.	20	1895	283	.....
Elkhorn River..	Ross, Chas. P.....	Omaha.....	Platte River Plant.....	Power	500.00	14	15	10E	Douglas.....	Nov.	24	1909	.....	971
Elkhorn River..	Neligh, W. T. S.....	West Point.....	West Point Plant.....	Power	400.00	18	22	6E	Cuming.....	Dec.	26	1912	.....	1250
Elkhorn River..	Sibberson Brothers.....	Omaha.....	Sibberson Canal.....	Irrig.	2.50	10	29	14	Holt.....	Sept.	5	1925	.....	1779
Elkhorn River..	Eubank, C. W.....	Lincoln.....	Eubank Pump.....	Irrig.	.79	10	25	7	Antelope.....	July	5	1934	.....	2416
Elkhorn River..	Heitzman, Herman.....	West Point.....	Heitzman Pump.....	Irrig.	.31	21	22	6E	Cuming.....	Mar.	16	1935	.....	2528

*Application pending.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Elkhorn River (See Pebble Creek)	Holst, Christ.....	Hooper.....	Holst Pump.....	Irrig.		1	19	7E	Dodge.....	Aug.	12	1936	2610
Elkhorn River.	McGuire, F. V.....	Wisner.....	McGuire Pump.....	Irrig.		32	21	4E	Cuming.....	Aug.	14	1936	2612
Elkhorn River.	Collins, John M.....	West Point.....	Collins Pump.....	Irrig.		22	22	6E	Cuming.....	Aug.	31	1936	2630
Elkhorn River.	Dwyer, Geo. F.....	Waterloo.....	Dwyer Pump.....	Irrig.		10	15	10E	Douglas.....	Sept.	22	1936	2611*
Elkhorn River, North Fork.....	Norfolk Cereal Flour Mills	Norfolk.....	Norfolk Cereal and Flour Mill.....	Power	100.00	23	24	1	Madison.....	Mar.	1	1870	996
Elkhorn River, North Fork.....	Norfolk Packing Co.....	Norfolk.....	Warfield Pump.....	Irrig.	1.03	15	24	1	Madison.....	June	15	1929	2085
Elkhorn River, North Fork.....	Iowa-Nebraska Light and Power Company	Lincoln.....	Pierce Pump.....	Power		26	26	2	Pierce.....	June	20	1931	2213*
Elkhorn River, North Fork.....	Stahl, Carl C.....	Norfolk.....	Stahl Pump.....	Irrig.	.42	10	24	1	Madison.....	Aug.	17	1933	2343
Elkhorn River, North Fork.....	Hagel, Robert A.....	Norfolk.....	Hagel Pump.....	Irrig.	.50	15	24	1	Madison.....	Sept.	12	1931	2474
Elkhorn River, North Fork.....	Bathke, Robert.....	Norfolk.....	Bathke Pump.....	Irrig.	.02	22	24	1	Madison.....	Apr.	4	1935	2533
Elkhorn River, North Fork.....	Norfolk Packing Co.....	Norfolk.....	Warfield Pump.....	Irrig.		15	24	1	Madison.....	May	2	1936	2577
Elkhorn River, North Fork and Dry Creek	Chilvers, C. H.....	Pierce.....	Chilvers Pumps.....	Irrig.		9	26	2	Pierce.....	July	14	1936	2588
						10	26	2					
						15	26	2					
Elkhorn River, North Fork.....	Werner, John.....	Norfolk.....	Werner Pump.....	Irrig.		20	24	1	Madison.....	July	24	1936	2597

Elkhorn River, North Fork.....	Kolterman, Erwin.....	Pierce.....	Kolterman Pump.....	Irrig.	15	26	2	Pierce.....	July	30	1936	2602	
Elkhorn River, North Fork.....	Koehler, Walter.....	Osmond.....	Koehler Pump.....	Irrig.	19	27	2	Pierce.....	Aug.	13	1936	2611	
Elkhorn River, South Fork.....	Rothleuter, Albert.....	Ewing.....	Flouring Mill.....	Power	33.00	3	26	9	Holt.....	Aug.	21	1898	464
Logan Creek..... (Oakland Dr.)	Johnson, Harry G.....	Oakland.....	Johnson Pump.....	Irrig.	1.71	35	22	8E	Burt.....	Feb.	20	1931	2192
Logan Creek.....	Havekost, Woodrow and Bernard.....	Hooper.....	Havekost Pump.....	Irrig.	33	20	8E	Dodge.....	July	10	1936	2586	
Logan Creek.....	Meyer, Sophie H.....	Hooper.....	Meyer Pump.....	Irrig.	16	20	8E	Dodge.....	July	24	1936	2595	
Logan Creek.....	Schole, George H.....	Hooper.....	Schole Pump.....	Irrig.	32	20	8E	Dodge.....	July	24	1936	2596	
Logan Creek (DrainageDitch)	Uehling, Orville T.....	Uehling.....	Uehling Pump.....	Irrig.	3	20	8E	Dodge.....	July	25	1936	2598	
Logan Creek.....	Meyer, Wm. J.....	Bancroft.....	Meyer Pump.....	Irrig.	26	24	7E	Cuming.....	July	27	1936	2599	
Logan Creek..... (Oakland Drainage Ditch)	Kuhlman, John D. G. and Von Essen, Herman.....	Oakland.....	Von Essen Pump.....	Irrig.	14	21	8E	Burt.....	Aug.	1	1936	2604	
Logan Creek.....	Hoegermeyer, Otto.....	Hooper.....	Hoegermeyer Pump.....	Irrig.	33	20	8E	Dodge.....	Aug.	17	1936	2615	
Logan Creek..... (Logan Drain- age Ditch)	Golder, J. S.....	Oakland.....	Golder Pump.....	Irrig.	3	20	8E	Dodge.....	Aug.	26	1936	2624	
Logan Creek..... (Pender Drainage Ditch)	Novak, Victor.....	Pender.....	Novak Pump.....	Irrig.	36	25	6E	Thurston.....	Sept.	2	1936	2632	
Maple Creek.....	Luther, Howard J.....	Nickerson.....	Luther Pump.....	Irrig.	2.72	10	18	8E	Dodge.....	Dec.	19	1934	2500
Middle Creek.....	Malone, Robert.....	Lincoln.....	Malone Ice Plant.....	Ice	10.00	30	10	6E	Lancaster.....	Dec.	26	1907	883
Oak Creek.....	Eiche, Herman.....	Lincoln.....	Eiche Plant.....	Irrig.	.71	17	10	6E	Lancaster.....	Jan.	4	1899	489
Oak Creek.....	Central Realty and Investment Co.....	Lincoln.....	Capital Beach Dam.....	Resort	50.00	16	10	6E	Lancaster.....	June	5	1918	1516

*Application pending.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Oak Creek	Cheney, E. J.	Lincoln	Cheney Pump	Irrig.	.15	8	10	6E	Lancaster	Feb.	6	1929	2069
Oak Creek	Hanich, Edward	Lincoln	Hanich Pump	Irrig.	.15	8	10	6E	Lancaster	Nov.	21	1929	2115
Oak Creek	Clark, Arthur	Lincoln	Clark Pump	Irrig.	.11	17	10	6E	Lancaster	Apr.	11	1930	2132
Oak Creek	Iowa-Nebraska Light and Power Company	Lincoln	Valpariso Plant	Power		22	13	5E	Saunders	Sept.	1	1931	2233*
Oak Creek	Cheney, L. H.	McCook	Cheney Pump	Irrig.	.66	8	10	6E	Lancaster	Sept.	22	1931	2239
Oak Creek	Witmer, J. L.	Lincoln	Witmer Pump	Irrig.	.04	15	10	6E	Lancaster	Feb.	8	1933	2301
Oak Creek	Burcham, W. F.	Lincoln	Burcham Pump	Irrig.	1.73	20	11	6E	Lancaster	July	13	1934	2422
Oak Creek	Bennett, John R.	Lincoln	Bennett Pump	Irrig.		29	11	6E	Lancaster	Sept.	14	1936	2639*
Oakland Drain	Johnson, J. A.	Oakland	Johnson Pump	Irrig.	.92	36	22	8E	Burt	Sept.	10	1931	2236
Papillion Drain- age Ditch	Borman, Herman	Papillion	Borman-Peters Pump	Irrig.		17	14	12E	Sarpy	July	21	1936	2504
Pebble Creek	Dahl, John W.	Scribner	Dahl Pump	Irrig.		6	19	7E	Dodge	July	17	1936	2589
Pebble Creek (See Elk- horn River)	Holst, Christ.	Hooper	Holst Pump	Irrig.		5	19	7E	Dodge	Aug.	12	1936	2610
Pebble Creek	Vakiner Brothers	West Point	Vakiner Pump	Irrig.		13	20	5E	Dodge	Sept.	9	1936	2637
Platte River	Ross, Chas. P.	Omaha	Platte River Plant	Power	2500.00	6	14	10E	Douglas	Nov.	24	1909	970
Platte River	Parmlee and Rawls	Plattsmouth	Plattsmouth Plant	Power	2000.00	32	13	13E	Cass	Sept.	1	1914	1379
Rawhide Cr.	Cowles, S. C.	Gridley, Kan.	Cowles Pump	Irrig.		17	16	10E	Douglas	Aug.	7	1936	2606
Rock Creek	Stark, Chris.	Ceresco	Stark Pump	Irrig.	1.08	31	13	7E	Saunders	Aug.	6	1931	2225
Rock Creek	Jeffrey, Lloyd	Waverly	Jeffrey Pump	Irrig.	.46	34	12	8E	Lancaster	May	12	1934	2382
Ryans Creek	Elkhorn River Drain- age District	Fremont	Cutoff "H"	Drain		1	17	9E	Dodge	Oct.	16	1909	966

Salt Creek	C. B. & Q. R. R. Co.	Lincoln	C.B. & Q. Water Supply	Dom.	2.00	3	9	6E	Lancaster	Sept.	20	1923	1722
Salt Creek	Rutherford, Frank	Hastings	Rutherford Pump	Irrig.	9.11	21	11	7E	Lancaster	July	1	1925	1706
Salt Creek	Board of Control	Lincoln	Penitentiary Canal	Irrig.	3.00	11	9	6E	Lancaster	June	15	1926	1817
Salt Creek	Roper, C. H.	Lincoln	University Shooting Club	Resort									
Salt Creek	Splain, William F.	Lincoln	Splain-Bogan Pump	Irrig.	.11	25	9	6E	Lancaster	July	29	1926	1837
									Lancaster	June	18	1931	2412
Sand Creek	Hudec, Joe	Wahoo	Wannhoo Park Reservoir	Fish	‡12AF	3	14	7E	Saunders	July	25	1931	2442
Sand Creek	Dolezal, Edward	Wahoo	Dolezal Reservoir	Fish	‡2.25AF	22	15	7E	Saunders	Aug.	1	1934	2452
Silver Creek	Game, Forestation and Parks Commission	Lincoln	Armour and Company Reservoir	Ice	10.00	7	13	9E	Saunders	Oct.	18	1897	415
Silver Creek	Swift and Company	Chicago, Ill.	Swift & Co. Ice Plant	Ice	10.00	7	13	9E	Saunders	Dec.	6	1899	524
Silver Creek	Hanke, Herman	Ithaca	Hanke Pump	Irrig.	.50	35	14	8E	Saunders	July	23	1934	2436
Springs	Newton Land Co.	Omaha	Spring Branch Canal	Irrig.	.07	13	14	13E	Sarpy	June	18	1895	29
Stevens Creek	Moore, R. E.	Lincoln	Stevens Creek Canal	Irrig.	1.00	2	10	7E	Lancaster	Nov.	19	1913	1335
Union and Taylor Creeks	Brechler and Neeley	Madison	Union Valley Roller Mills	Power		32	22	1	Madison				998*
Union Creek	Krueger, Helen R.	Humphrey	Krueger Pump	Irrig.	.43	24	21	2	Madison	May	9	1934	2379
Union Creek	Steckelberg, Carl												
Union Creek	Frederic	Lincoln	Steckelberg Pump	Irrig.	2.33	31	22	1E	Stanton	Aug.	13	1934	2461
Union Creek	Fuchs, John	Stanton	Fuchs Pump	Irrig.		31	23	2E	Stanton	May	22	1936	2580
Taylor Creek	Lew, John	Madison	Lew Pump	Irrig.		25	22	2	Madison	Aug.	19	1936	2619
Wahoo Creek	Wahoo Hunting Club	Lincoln	Ayr Lake	Resort	‡160AF	28	13	9E	Saunders	Dec.	30	1930	2184
Wahoo Creek	Treptow, Herman	Ithaca	Treptow Pumps	Irrig.	1.43	20	14	8E	Saunders	July	25	1934	2444
						29	14	8E					
Wahoo Creek	Breyer, William F.	Ithaca	Breyer Pump	Irrig.	.96	29	14	8E	Saunders	Aug.	15	1934	2463
Wahoo Creek	Schiefelbein, F. J.	Ithaca	Schiefelbein Pump	Irrig.		33	14	8E	Saunders	July	13	1936	2587

*Application pending—claim not adjudicated.
 ‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in			Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.
					Sec.-ft.	S	T	R	County	Mo.	D|Yr.			
												18			30	13
Abitz Creek.....	Fullerton, J. B.....	Atkinson.....	Fullerton Canal No. 2	Irrig.	.36	18	30	13	Holt.....	Mar.	23	1896	.....	278
Antelope Creek.....	Julian, A. R., et al.....	Gordon.....	Antelope Canal.....	Irrig.	.36	21	32	40	Cherry.....	June	29	1905	.....	798
Antelope Creek.....	Louks, W. A.....	Gordon.....	Louks Pump.....	Irrig.	.12	30	33	41	Sheridan.....	May	22	1933	.....	2322
Antelope Creek.....	Green, M. E.....	Gordon.....	Green Pump.....	Irrig.	.09	30	33	41	Sheridan.....	May	29	1934	.....	2387
Ashburn Creek.....	Zilmer, W. H.....	Valentine.....	Ashburn Canal.....	Irrig.	.13	27	34	26	Cherry.....	June	17	1902	.....	676
Bear Creek.....	Skinner, Thomas.....	Springview.....	Skinner Canal.....	Irrig.	.23	15	32	21	Keya Paha.....	June	20	1888	609	.....
Bear Creek.....	Cederberg, P.....	Springview.....	Cederberg Canals 1-2	Irrig.	.02	3	32	21	Keya Paha.....	Oct.	3	1898	.....	470
Bear Creek.....	Woods Brothers Realty Co.....	Lincoln.....	Woods Brothers Canal	Irrig.	11.78	29	34	35	Cherry.....	Sept.	21	1928	.....	2035
Bear Creek.....	Cole, D. Jason.....	Merriman.....	Cole Project.....	Irrig.	8.19	13	31	37	Cherry.....	Feb.	21	1932	.....	2254
Bear Creek.....	Bates, Harold S.....	Merriman.....	Bates Project.....	Irrig.	6.50	8	34	37	Cherry.....	July	12	1932	.....	2276
Bear Creek.....	Bowring, Arthur.....	Merriman.....	Bar Ninety Nine Ranch Canal	Irrig.										
Bear Creek.....														
Beaver Creek.....	Tulloss, Frank L.....	Hay Springs.....	Tulloss Pond.....	Storage	\$1.41	3	32	46	Sheridan.....	May	22	1930	.....	2141
Beeman Creek.....	Barnard, C. O.....	Springview.....	Barnard Canal.....	Irrig.	.13	21	32	20	Keya Paha.....	June	11	1892	603	.....
Beeman Creek.....	Vargason, Orval.....	Riverview.....	Beeman Canal.....	Irrig.	1.00	23	32	20	Keya Paha.....	May	20	1892	620	.....
Big Sandy Cr.....	Pickler, W. S.....	Cody.....	Badger Canal.....	Irrig.	1.11	12	33	14	Holt.....	May	16	1902	.....	667
Big Sandy Cr.....	Johnson, C. A.....	Butte.....	Badger Mill.....	Power	35.00	12	33	14	Holt.....	Aug.	28	1902	.....	685
Black Bird Cr.....	Mullen, A. F.....	O'Neill.....	Mullen Canal.....	Irrig.	1.00	20	31	11	Holt.....	Aug.	18	1894	267	.....

Blue Bird Cr.	Murphy, P.	O'Neill	Murphy Canal	Irrig.	1.00	26	30	11	Holt	Sept.	7	1894	273	.....
Boardman Cr.	Bachelor, J. H.	Valentine	Bachelor Canal	Irrig.	27.29	33	30	32	Cherry	Jan.	17	1835	.....	2506
Box Butte Cr.	Sandoz, Wm.	Marsland	Billys Canal	Irrig.	.21	29	29	45	Sheridan	Jan.	13	1900	.....	533
Brush Creek	Nebraska Townsite Company	Perry	Brush Creek Plant	Power	15.00	23	33	13	Holt	Sept.	28	1898	.....	474
Brush Creek East Branch	McCarthy, M. H.	O'Neill	McCarthy Canal No. 1	Irrig.	.50	24	32	14	Holt	July	1	1894	264	.....
Brush Creek, West Branch	McCarthy, M. H., et al	O'Neill	McCarthy Canal No. 2	Irrig.	.64	26	32	14	Holt	Aug.	15	1894	266	.....
Burton Creek	Mutz, Otto	Springview	Burton Creek Canal	Irrig.	.57	19	34	10	Keya Paha	June	30	1895	608b	.....
Burton Creek	Mutz, Otto	Springview	One Trip Canal	Irrig.	.36	2	33	20	Keya Paha	Sept.	2	1895	.....	142
Canyon	Gilmore, Emery	South Omaha	Gilmore Canal	Irrig.	14.29	36	30	54	Sioux	July	5	1807	.....	863
Cedar Creek	McNamee, K. M.	Wook Lake	Cedar Creek Canal	Irrig.	.43	4	30	24	Brown	Sept.	28	1910	.....	1027
Coffey Lake, et al	Coffee Lake Drain- age District	Valentine	Coffey Lake Ditch	Drain			33	39	Cherry	Nov.	22	1923	.....	1729
							33	38						
Coon Creek (See Laugh- ing Water Cr.)	Leonard, J. R.	Bassett	Leonard Pump	Irrig.	1.00	24	32	19	Rock	Aug.	17	1933	.....	2344
Cottonwood Cr.	Morrissey, Tim.	Dunlap	Morrissey Canal	Irrig.	.71	17	29	48	Dawes	Feb.	16	1895	481	.....
Cottonwood Cr.	Fendrick and Lichte	Dunlap	Fendrick-Lichte Canal	Irrig.	.64	22	29	48	Dawes	May	9	1896	.....	336
Cottonwood Cr.	Lichte, Hugo	Dunlap	Dunlap Canal	Irrig.	.50	22	29	48	Dawes	July	18	1911	.....	1113
Coyote Springs	Watson, Claude R.	Mitchell	Watson Canal	Irrig.	1.41	16	27	54	Sioux	July	7	1934	.....	2418

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Coyote Springs	Watson, Claude R.	Mitchell	Coyote Springs Reser- voir	Storage	15AF	16	27	54	Sioux	Apr.	1	1936	2572
(Res. A-2572)	Watson, Claude R.	Mitchell	Coyote Springs Reservoir Canal	Irrig.		16	27	54	Sioux	Apr.	1	1936	2579
Crooked Creek	Mutz, Otto	Springview	Mutz Canal	Power	3.00	20	34	19	Keya Paha	Dec.	31	1889	608a
Crooked Creek	Mutz, Otto	Springview	Mutz Canal	Irrig.	1.00	20	34	19	Keya Paha	June	30	1895	608b
Cross Creek	Hutchinson, W. H.	Norden	Hutchinson Canal	Irrig.	.21	8	33	24	Keya Paha	Sept.	1	1888	615
Cub Creek	Tissue and Patterson	Springview	Tissue-Patterson Canal	Irrig.	.03	16	33	22	Keya Paha	June	30	1894	618
Cub Creek	Josiassin, S.	Meadville	McComber Canal	Irrig.	.10	28	33	22	Keya Paha	Aug.	15	1894	589
Dry Creek	Christensen, Chris.	Merriman	Dry Creek Canal	Irrig.	.41	18	34	38	Cherry	July	8	1935	2552
Eagle Creek	Bokhof, Wm.	Atkinson	Bokhof Canal	Irrig.	2.86	6	30	13	Holt	Sept.	18	1894	275
Eagle Creek	Robertson, J. A.	Atkinson	Eagle Valley Canal	Irrig.	2.29	1	30	11	Holt	Mar.	15	1895	280
Eagle Creek, South Branch	Becker, Samuel	Atkinson	Becker Canal	Irrig.	1.14	8	30	13	Holt	Nov.	30	1894	274
Elk Creek	Lamb Brothers	Bassett	Lamb Canal	Irrig.	.01	6	31	19	Rock	Feb.	3	1934	2359
Elk Creek	Lamb Brothers	Bassett	Lamb Power Plant	Power	3.00	6	31	19	Rock	Feb.	3	1934	2360
Elk Creek	Koenig, Joe	Riverview	Pine Grove Reservoir	Fish	1AF	8	31	19	Rock	Apr.	30	1934	2375
Fairfield Creek	Kuhre, Wm. M.	Johnstown	Kuhre Pond	Power	25.00	31	33	23	Brown	Sept.	1	1893	612a
Fairfield Creek	Kuhre, Wm. M.	Johnstown	Kuhre Canal	Irrig.	.14	31	33	23	Brown	June	1	1894	612b
Glencove Springs	Bakewell, Geo. C.	Johnstown	Glencove Canal	Irrig.	.86	26	33	24	Brown	Mar.	1	1911	1067

Gordon Creek	Wolfenden, C. R.	Kennedy	Lee Canal	Irrig.	6.86	6	29	33	Cherry	Apr.	25	1895	973	.....
Gordon Creek (Hackberry Lake, et al)	Game, Forestation and Parks Commission	Lincoln	Hackberry Lake Supply Canal	Fish	‡5000AF	7	30	29	Cherry	Oct.	18	1932	.....	2289
Hay Springs Creek	Barnes, Walter J. and Phillips, Dwight	Hay Springs	Barnes and Phillips Reservoir	Storage	‡12AF	8	31	46	Sheridan	Apr.	15	1935	.....	2530
Hay Springs Creek	Game, Forestation and Parks Commission	Lincoln	Walgren Lake Reser- voir	Fish	‡1280AF	29	31	15	Sheridan	May	20	1935	.....	2549*
Holt Creek	Schoettger, F. J.	Burton	Schoettger Canal	Irrig.	.14	32	35	29	Keya Paha	Feb.	23	1895	595	.....
Holt Creek, East	Akers, J. W.	Springview	Akers Canal	Irrig.	.14	1	34	21	Keya Paha	Aug.	1	1894	611	.....
Horse Head Creek	Bruce, A.	Norden	Bruce Canal	Irrig.	.17	16	33	24	Keya Paha	Sept.	7	1895	.....	119
Horse Shoe Lake, et al	Horse Shoe Lake Drainage Dist.	Irwin	Horse Shoe Ditch	Drain		13	34	40	Cherry	June	27	1916	.....	1461
Huggins Creek	Soper, H. K.	Burton	Soper Canal	Irrig.	.14	21	35	20	Keya Paha	Nov.	6	1894	592	.....
Jewett Creek	Jewett, C. P.	Meadville	B. L. Canal	Irrig.	.71	5	32	21	Keya Paha	Oct.	23	1891	590	.....
Keyapaha R.	Yocum, J. C.	Butte	Yocum Canal	Irrig.	1.11	23	31	15	Boyd	Sept.	7	1894	573	.....
Keyapaha R.	Bruce, Andrew & Son	Naper	Bruce Roller Mills	Power	100.00	21	34	16	Boyd	Oct.	5	1903	.....	729
Kibby Creek	Green, Martha J.	Hillside	Green Canal	Irrig.	.01	28	31	16	Boyd	Apr.	1	1901	.....	717
Larabee Creek	Sawyer, C. O.	Rushville	Larabee Canal	Irrig.	1.12	6	34	44	Sheridan	Apr.	14	1931	.....	2197

*Map pending

‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Laughing Water Creek (See Coon Creek)	Leonard, J. R.	Bassett	Leonard Pump	Irrig.	43	25	32	19	Rock	Aug.	17	1933	2344	
Lewis Springs	Lewis, Ralph	Burton	Lewis Canal	Irrig.	11	29	35	19	Keya Paha	Aug.	30	1895	139	
Long Pine Cr.	Interstate Power Co.	Dubuque, Ia.	Long Pine Light and Power Plant	Power	18.00	30	30	20	Brown	Apr.	2	1909	941	
Louse Creek	Lansberry, I. F.	Red Bird	Lansberry Canal	Irrig.	50	12	32	10	Boyd	Sept.	18	1930	2166	
Middle Creek, East Branch	McGuire, M. W.	Norden	McGuire Canal	Irrig.	71	32	33	23	Keya Paha	June	1	1884	606	
Middle Creek, West Branch	Allen, M. M.	Norden	Allen Canal	Irrig.	50	29	33	23	Keya Paha	June	1	1891	616	
Middle Creek, West Branch	Allen, M. M.	Norden	Allen Canal	Irrig.	1.00	29	33	23	Keya Paha	May	2	1904	753	
Mile Board Lake	Board of County Commissioners	Valentine	Mile Board Ditch	Drain	5	34	35		Cherry	Sept.	17	1924	1750	
Minnechadua Creek	Interstate Power Co.	Dubuque, Ia.	Pierce Milling Plant	Power	35.00	30	34	27	Cherry	Sept.	12	1890	359	
Minnechadua Creek	City of Valentine	Valentine	Valentine Power Plant	Power	40.00	29	34	27	Cherry	Apr.	16	1913	1279	
Minnechadua Creek	Village of Crookston	Crookston	Community Lake Res.	Resort	27	AF	7	34	29	Cherry	Dec.	13	1935	2568
Newman Cr.	Newman, Philo	Norden	Newman Canal	Irrig.	21	17	33	21	Keya Paha	July	1	1888	617	

Niobrara	R.	Richardson, Wiley	Harrison	Lakotoh Canal	Irrig.	5.85	130	57	Sioux	Oct.	11883	554		
Niobrara	R.	The Coffee Cattle Co.	Chadron	Earnest Canal No. 1	Irrig.	2.86	9	29	56	Sioux	May	11885	511a	
Niobrara	R.	Bruce, A.	Norden	Bruce Mill	Power	60.00	16	33	24	Keya Paha	Apr.	11886	610	
Niobrara	R.	Cook, J. H.	Agate	McGinley-Stover Lower North Canal	Irrig.	8.21	25	29	56	Sioux	May	11887	513a	
Niobrara	R.	Furman, H. G., Jr.	Marsland	Pioneer Canal	Irrig.	7.11	36	29	51	Dawes	Aug.	11887	412a	
Niobrara	R.	Hedgecock, Geo., et al	Marsland	McLaughlin Canal	Irrig.	7.11	9	28	52	Box Butte	May	11888	566	
Niobrara	R.	Cook, J. H.	Agate	McGinley-Stover Lower South Canal	Irrig.	1.71	25	29	56	Sioux	May	11890	513b	
Niobrara	R.	Hughes, John	Marsland	Hughes Canal	Irrig.	.57	1	28	52	Box Butte	May	311890	987a	
Niobrara	R.	The Coffee Cattle Co.	Chadron	Earnest Canal No. 2	Irrig.	2.14	9	29	56	Sioux	May	151891	511b	
Niobrara	R.	Cook, J. H.	Agate	Cook Canals 1-2	Irrig.	3.51	2	28	56	Sioux	May	311891	980	
Niobrara	R.	Ellicott, Don., H., et al	Harrison	Bigelow and Seymour Canal	Irrig.	2.40	19	31	57	Sioux	June	81891	510	
Niobrara	R.	Skavdahl, Oscar, et al	Harrison	Harris-Neece Canal	Irrig.	8.57	3	28	55	Sioux	July	11892	517	
Niobrara	R.	Furman, H. G., Jr.	Marsland	Pioneer Canal	Power	10.00	31	29	50	Dawes	Aug.	11893	442b	
Niobrara	R.	Roll Mill Company	Marsland	Roll Mill	Power	35.00	5	28	51	Box Butte	Sept.	101893	970	
Niobrara	R.	Green, Frank J.	Boulder, Colo	Meridan Canal	Irrig.	.57	25	29	50	Dawes	Jan.	101894	459	
Niobrara	R.	Taylor, Geo. L.	Nonpariel	Enterprise Canal	Irrig.	5.71	27	29	54	Dawes	Jan.	271894	461	
Niobrara	R.	Furman, H. G.	Marsland	Furman Canal	Irrig.	3.61	29	29	50	Dawes	Feb.	21894	462	
Niobrara	R.	Hughes, John	Marsland	Hughes Canal	Irrig.	.30	1	28	52	Box Butte	Apr.	151894	987b	
Niobrara	R.	Warneke, Henry	Harrison	Johnson Canal	Irrig.	2.86	36	31	57	Sioux	May	11894	511	
Niobrara	R.	McMannis, J. T., et al	Hemingford	McMannis-Neeland Canal	Irrig.	.86	29	29	49	Dawes	June	151894	463	
Niobrara	R.	McCully, S. J.	Carns	McCully Canal	Irrig.	8.57	25	32	26	Keya Paha	Aug.	71894	583	
Niobrara	R.	Fienken, Chas.	Dustin	Fienken Canal	Irrig.	1.00	12	33	16	Boyd	Oct.	11894	575	
Niobrara	R.	Wilson, J. A.	Springview	Wilson Canal	Irrig.	5.71	18	32	21	Keya Paha	Oct.	181894	591	
Niobrara	R.	Iodence, W. M.	Hemingford	Lichte Canal	Irrig.	1.43	27	29	48	Dawes	Jan.	241895	479	
Niobrara	R.	Warneke, H., Estate of	Harrison	Warneke Canal	Irrig.	1.57	27	31	57	Sioux	Feb.	131895	505	
Niobrara	R.	Cook, J. H.	Agate	McGinley-Stover Upper Canal	Irrig.	2.86	23	29	56	Sioux	Feb.	251895	521	
Niobrara	R.	Harris, Caroline M.	Marsland	LaBelle Canal	Irrig.	2.00	6	28	54	Sioux	Mar.	121895	518	
Niobrara	R.	Furman, H. G.	Marsland	Snow Canal	Irrig.	2.86	35	29	51	Dawes	Mar.	261895	485	
Niobrara	R.	Hughes, John	Marsland	Excelsior Canal	Irrig.	2.86	10	28	52	Box Butte	May	151895	568	
Niobrara	R.	Mann, John E.	Harrison	Bourett Canal	Irrig.	2.00	33	30	56	Sioux	June	81895		4
Niobrara	R.	Bourett, John S.	Harrison	Bourett South Canal	Irrig.	1.16	29	30	56	Sioux	June	101895		5

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Niobrara R.	Harris, Caroline M.	Marsland	LaBelle Canal	Irrig.	3.14	6	28	54	Sioux	July	3	1895	60
Niobrara R.	Bond-Tissot	Peters	Usher Canal	Irrig.	1.16	19	29	40	Sheridan	July	17	1895	82
Niobrara R.	Thompson, Mrs. Addie	Antioch	Moore Canal	Irrig.	5.71	9	28	53	Sioux	July	22	1895	88
Niobrara R.	Sandoz, George	Gordon	Mettlen Canal	Irrig.	4.90	4	28	54	Sioux	Apr.	27	1896	292
Niobrara R.	Neeland, Sarah J.	Hemingford	McMannis-Neeland Canal	Irrig.	1.07	29	29	49	Dawes	Apr.	9	1898	448
Niobrara R.	Armstrong, T. S.	Butte	Armstrong Canal	Power	150.00	9	33	13	Boyd	May	11	1898	452
Niobrara R.	Hunter, Jas. A.	Alliance	Meridian Canal	Irrig.	5.14	25	29	50	Dawes	Aug.	29	1898	469
Niobrara R.	Bourett, J. S.	Harrison	Bourett Canal	Irrig.	1.00	29	30	56	Sioux	Mar.	5	1900	542
Niobrara R.	Richardson, Wiley	Harrison	J. S. Bourett Canal	Irrig.	2.00	19	30	56	Sioux	Mar.	17	1900	546
Niobrara R.	Montague, Mrs. Elizabeth	Hemingford	Montague Canal	Irrig.	.43	27	29	48	Dawes	Sept.	27	1900	575
Niobrara R.	Montague, Mrs. Elizabeth	Hemingford	Chladek Canal	Irrig.	.30	26	29	48	Dawes	Mar.	18	1901	607
Niobrara R.	Fendrich, G. A.	Dunlap	Fendrich Canal	Irrig.	.29	32	29	48	Dawes	June	1	1901	616
Niobrara R.	Fendrich, G. A.	Dunlap	Fendrich Canal	Irrig.	.27	32	29	48	Dawes	June	1	1901	617
Niobrara R.	Interstate Power Co.	Dubuque, Ia.	Valentine Plant	Power	1600.00	27	31	27	Cherry	Jan.	29	1902	652
Niobrara River and Pepper Cr.	Taylor, D. T.	Hays Springs	Taylor Canal	Irrig.	4.57	28	29	47	Dawes	Aug.	8	1904	766
Niobrara R.	Kirk, E. L.	Sioux City, Ia.	Nebraska Power Company Plant	Power	900.00	34	32	7	Knox	Sept.	24	1909	961
Niobrara R.	Kirk, E. L.	Sioux City, Ia.	Nebraska Power Company Plant	Power	700.00	31	32	7	Knox	Aug.	9	1910	1019
Niobrara R.	Mann, John E.	Harrison	Beiser Canal	Irrig.	.50	4	29	56	Sioux	Jan.	23	1911	1056
Niobrara R.	Mann, John E.	Harrison	Bourett Enlargement	Irrig.	.75	33	30	56	Sioux	Jan.	23	1911	1057
Niobrara R.	Iodence, W. M.	Hemingford	Lichte Canal	Irrig.	2.25	27	29	48	Dawes	Apr.	7	1911	1086
Niobrara R.	Dierex, Camille	Rushville	Camille Canal	Irrig.	1.53	19	30	43	Sheridan	Apr.	10	1911	1087
Niobrara R.	Montague, Mrs. Elizabeth	Hemingford	Lichte Canal	Irrig.	.71	27	29	48	Dawes	Apr.	19	1911	1088
Niobrara R.	Iodence, Charles G.	Hemingford	Lichte Canal	Irrig.	.24	27	29	48	Dawes	Jan.	2	1912	1152

Niobrara	R.	Bourett, John	Harrison	Bourett Canal No. 1	Irrig.	.11	29	30	56	Sioux	Mar.	25	1912	1188
Niobrara	R.	Wells, Harry E.	Butte	Wells Pump	Irrig.	1.64	32	32	10	Cherry	May	2	1912	1193
Niobrara	R.	Bourett, John	Harrison	Bourett Canal No. 2	Irrig.	.21	32	30	56	Sioux	July	19	1912	1209
Niobrara	R.	Davison, F. B. and C. T.	Hemingford	Mettlen Canal	Irrig.	.75	4	28	54	Sioux	Dec.	18	1912	1218
Niobrara	R.	Davison, F. B. and C. T.	Hemingford	Bennett Canal	Irrig.	3.45	1	28	54	Sioux	Dec.	18	1912	1249
Niobrara	R.	Bushnell, Esther N.	Marsland	Geo. Hiltshew Canal	Irrig.	6.00	6	28	52	Box Butte	Feb.	17	1913	1260
Niobrara	R.	Coffee Cattle Co.	Chadron	Coffee Canal No. 3	Irrig.	2.50	15	29	56	Sioux	Mar.	24	1911	1362
Niobrara	R.	U. S. Forest Reserve	Nenzel	Morton Nursery Canal	Irrig.	1.50	30	33	32	Cherry	June	15	1917	1488
Niobrara	R.	Davison, Fred B.	Marsland	Davison Canal	Irrig.	.21	12	28	51	Sioux	Apr.	27	1922	1662
Niobrara	R.	Northern Nebraska Power Company	Spencer	Northern Nebraska Plant No. 1	Power	1150.00	30	33	11	Boyd-Holt	Oct.	30	1923	1725
Niobrara	R.	Northern Nebraska Power Company	Spencer	Northern Nebraska Plant No. 1	Rs. dam A-1725		30	33	11	Boyd-Holt	Aug.	20	1925	1777
Niobrara	R.	Northern Nebraska Power Company	Spencer	Northern Nebraska Plant No. 1	Rs. dam A-1725		30	33	11	Boyd-Holt	Aug.	29	1927	1955
Niobrara	R.	Bradstreet, W. D.	Spencer	Verdigris Power Plant	Power		32	32	7	Knox	Dec.	30	1930	2183*
Niobrara	R.	Griffith, Harry B.	Omaha	Bristow Power Plant	Power		6	32	10	Boyd	June	10	1931	2206*
Niobrara	R.	Sandoz, Geo. E.	Gordon	Mettlen Enlargement	Irrig.	1.14	4	28	54	Sioux	Oct.	13	1931	2241
Niobrara	R.	Kay, D. L.	Marsland	Kay Canal No. 2	Irrig.	.13	9	28	53	Sioux	Oct.	15	1931	2245
Niobrara	R.	Lewis, W. H.	Chicago, Ill.	Bristow Power Plant	Power		6	32	10	Boyd	Nov.	3	1931	2247*
Niobrara	R.	Kay, D. L.	Marsland	Kay Canal	Irrig.	3.14	1	28	51	Sioux	Nov.	18	1931	2250
Niobrara	R.	Hughes, John R.	Marsland	Excelsior Enlarge- ment	Irrig.	1.92	10	28	52	Box Butte	Mar.	28	1932	2264
Niobrara	R.	Montague, Mrs. Elizabeth	Hemingford	Montague Canal	Irrig.	1.76	28	29	48	Dawes	Mar.	31	1932	2266
Niobrara	R.	Harris, Frank, et al.	Marsland	Harris-Neece Enlargement	Irrig.	7.27	3	28	55	Sioux	July	11	1932	2275
Niobrara	R.	Nellis, Claud	Monowi	Nellis Pump	Irrig.	.09	2	32	9	Boyd	Apr.	24	1933	2319
Niobrara	R.	Bushnell, Esther N.	Marsland	Hitchew Canal No. 2	Irrig.	.92	6	28	52	Box Butte	Jan.	28	1935	2309
Niobrara	R.	Iodence, Wm. M.	Hemingford	Lichte Enlargement	Irrig.	2.95	27	29	48	Dawes	Mar.	2	1935	2523
Niobrara	R.	Johndreau, J. N.	Gordon	Johndreau Pumps	Irrig.	.96	24	31	42	Sheridan	Aug.	9	1935	2555
							25	31	42					

*Application pending.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Niobrara R.....	Potmesil, John.....	Hemingford..	Potmesil Canal.....	Irrig.	6.76	26	29	48	Dawes.....	Oct.	29	1935	.....	2566
Niobrara R.....	Nissen, Peter J.....	Hay Springs..	Nissen Pump.....	Irrig.		23	29	46	Sheridan.....	May	5	1936	.....	2578
Niobrara R.....	Woodhouse, Earl.....	Gordon.....	Woodhouse Pump.....	Irrig.		17	31	41	Sheridan.....	Apr.	25	1936	.....	2623
Pine Creek.....	Colclessor, Lewis.....	Rushville.....	Pine Creek Mills.....	Power	32.00	33	30	41	Sheridan.....	June	5	1893	415	.....
Plum Creek.....	Plum Creek Irrig. Co.	Johnstown.....	Johnstown Canal.....	Irrig.	26.00	4	29	21	Brown.....	Dec.	18	1894	465	.....
Plum Creek.....	Wilbert, R.....	Ainsworth.....	Wilbert Canal.....	Irrig.	.43	35	32	23	Brown.....	May	5	1896	.....	329
Plum Creek.....	Interstate Power Co.	Dubuque, Ia.	Plum Creek Plant.....	Power	150.00	32	32	22	Brown.....	May	15	1909	.....	917
Pole Creek.....	Julian and Wells.....	Gordon.....	Pole Creek Canal.....	Irrig.	.57	28	32	40	Cherry.....	June	29	1905	.....	790
Prouty Springs.	Prouty, H. S.....	Spencer.....	Prouty Canal.....	Irrig.	1.41	5	32	11	Holt.....	June	1	1931	.....	2393
Rickman Creek.	Byington, Lola.....	Riverview.....	Byington Canal.....	Irrig.	1.00	22	32	20	Keya Paha..	May	19	1891	582	.....
Rock Creek.....	Eastlick, B. J.....	Carns.....	Necessity Canal.....	Irrig.	.36	29	32	18	Rock.....	Jan.	17	1895	395	.....
Rock Creek.....	Wile, H.....	Mariaville.....	Wile Canal.....	Irrig.	.86	9	31	18	Rock.....	Apr.	3	1895	397	.....
Rock Creek.....	Dugger Brothers.....	Bassett.....	Dugger Canal.....	Irrig.	4.57	33	32	18	Rock.....	Apr.	24	1919	.....	1539
Rock Creek.....	Van Koten, J.....	Springview.....	Van Koten Canal.....	Irrig.	.07	25	33	22	Keya Paha..	Jan.	1	1885	619	.....
Rock Springs Creek.....	Chase, Albert B.....	Meadville.....	Moore Canal.....	Irrig.	1.43	12	32	22	Keya Paha..	June	30	1887	503	.....
Sand Creek.....	Peacock, Gardie M.....	Newport.....	Peacock Canal.....	Irrig.	.02	35	32	18	Rock.....	Nov.	14	1929	.....	2112
Sand Creek.....	Coakley, Lucy F.....	Lynch.....	Coakley Pump.....	Irrig.	.57	6	32	9	Holt.....	Dec.	15	1931	.....	2490
Shobe Branch..	Lamb, A. J.....	Spencer.....	Lamb Canal.....	Irrig.	.14	30	33	11	Holt.....	July	6	1896	.....	322
Snake River.....	Western, Water Power and Irrig. Co.....	Scottsbluff..	Snake R. Plant No. 1	Power		9	31	30	Cherry.....	Jan.	16	1929	.....	2002*

Snider Creek	Pickler, W. S.	Springview	Old Canal	Irrig.	.01	31	33	19	Keya Paha	May	1	1894	607	.....
Spinar Springs	Spinar, Frank J.	Red Bird	Spinar Enlargement	Irrig.	.23	1	32	11	Holt	Apr.	9	1935	.....	2535
Spring Creek	Kuskie, A. K.	Sparks	Garden Canal	Irrig.	.09	27	34	25	Cherry	Mar.	30	1900	.....	555
Spring Creek	Baker, H. H.	Mills	Horse Shoe Lake Reservoir	Fish	†16A†	1	31	18	Keya Paha	May	10	1931	.....	2380
Spring Creek	Spinar, Frank J.	Red Bird	Spinar Canal	Irrig.	.29	1	32	11	Holt	Feb.	25	1935	.....	2519
Stream, No Name	Grant, C. G.	Long Pine	Grant Canal	Irrig.	.11	4	31	20	Rock	Jan.	1	1895	400	.....
Stream, No Name	Conger, C. K.	Norden	Conger Canal	Irrig.	.10	5	33	21	Keya Paha	Sept.	16	1895	.....	158
Turkey Creek	LaRue, Chas	Norden	LaRue Canal No. 1	Irrig.	.13	35	33	23	Keya Paha	Feb.	9	1900	.....	539
Turkey Creek	LaRue, Chas	Norden	LaRue Canal No. 2	Irrig.	2.00	35	33	23	Keya Paha	May	11	1901	.....	754
Turkey Creek	Stuart, Wayne	Springview	Stuart Canal	Irrig.	.03	23	33	23	Keya Paha	June	14	1934	.....	2408
Turkey Creek	Haun, Cecil	Springview	Logan Canal	Irrig.	.03	23	33	23	Keya Paha	Aug.	7	1934	.....	2457
Turkey Creek	Bates, Harry M.	Meadville	Prime Rose Pump	Irrig.	.07	36	33	23	Keya Paha	Oct.	29	1934	.....	2189
Turkey Creek, Stream tributary to	O. H. Johnson and Co.	Norfolk	Johnson Pump	Irrig.	.01	23	33	23	Keya Paha	Apr.	23	1935	.....	2541
Verdigris Cr.	Hanson, J. W.	Emmetburg, Iowa	Drayton Canal	Irrig.	2.86	8	28	8	Antelope	Aug.	11	1894	248	.....
Whistle Cr.	Harris, Frank	Marsland	Home Canal	Irrig.	.86	13	28	54	Sioux	June	6	1895	.....	65
Whistle Cr.	Davison, Ella	Marsland	Whistle Creek Canal	Irrig.	1.00	12	28	54	Sioux	June	28	1895	.....	58
Wrede Springs	Wrede, John	Red Bird	Wrede Canal	Irrig.	.31	8	32	10	Holt	July	28	1934	.....	2449
Wyman Cr.	McCully, R. A.	Carns	McCully Canal	Irrig.	.80	19	32	19	Keya Paha	June	10	1891	604	.....
Wyman Cr.	Horton, I.	Carns	Horton Canal	Irrig.	.14	17	32	19	Keya Paha	June	5	1891	587	.....
Young Creek	Lamb, A. J.	Spencer	Harvey-Lamb Canal	Irrig.	.21	32	33	11	Holt	June	13	1896	.....	311

*Application pending.

†Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam		Date of Priority		Doc. No.	App. No.		
						S	T	R	County			Mo.	D	Yr.
Ash Creek	Connell, W. D.	Whitney	Connell Canal	Irrig.	.63	6	32	50	Dawes	June	17	1898	459
Ash Creek	Cripps, Fred W.	Whitney	Cripps Canal	Irrig.	1.14	13	32	51	Dawes	Dec.	26	1903	735
Ash Creek	Howard, W. C.	Whitney	Cripps Canal	Irrig.	.57	13	32	51	Dawes	Aug.	27	1906	835
Ash Creek	Cripps, Fred W.	Whitney	Cripps Reservoir	Storage	390 AF	12	32	51	Dawes	Sept.	28	1931	2481
(Res. A-2481)	Cripps, Fred W.	Whitney	Cripps Pump	Irrig.		12	32	51	Dawes	Sept.	28	1931	2571
Ash Cr., East	Tomlin, H. B., Estate	Crawford	Ox Yoke (Tomlin) Canal	Irrig.	1.38	29	32	50	Dawes	May	31	1880	447-R
Ash Cr., East	Ivins, Myrtle L., and Stumph, John E.	Crawford Whitney	Stumph Canal	Irrig.	1.00	32	32	50	Dawes	May	31	1880	447-R
Ash Cr., East	Sprague, Lewis Edgar, et al	Chadron	Barron Canal	Irrig.	1.14	32	32	50	Dawes	July	1	1888	438-R
Ash Cr., East	Stumph, John E.	Whitney	Stumph Canal	Irrig.	.20	31	32	50	Dawes	Sept.	5	1892	1023 1/2
Ash Cr., East	Ivins, Orville R.	Crawford	Sheldon Canal	Irrig.	1.43	30	32	50	Dawes	Jan.	26	1899	403
Ash Cr., East	Vetter, Andrew	Crawford	Todd Canal	Irrig.	.38	5	31	50	Dawes	Sept.	12	1899	520
Ash Cr., East (See Indian Cr.) (Res. A-1953)	Norman, Harry	Whitney	Norman Supply Canal Harry Canal	Storage Irrig.	4776 AF	32	32	50	Dawes	Aug.	22	1927	1953
Ash Cr., East	Sprague, Lewis Edgar, et al	Chadron	Barron Enlargement	Irrig.	.89	32	32	50	Dawes	Aug.	15	1928	2024
Ash Cr., East	Thomas, Olive S.	Whitney	Thomas Canal	Irrig.	1.00	19	32	50	Dawes	Dec.	17	1928	2057
Ash Cr., East	Seegrist, Cloyd	Whitney	Seegrist Power Plant	Power	3.00	8	31	50	Dawes	May	20	1930	2140
Ash Cr., East	Stumph, John E.	Whitney	Ox Yoke-Stumph Canal	Irrig.		31	32	50	Dawes	June	6	1931	2205*
Ash Cr., West	Vetter, Andrew	Crawford	Mace Canal	Irrig.	1.00	2	31	51	Dawes	July	31	1884	428
Ash Cr., West	Ivins, Orville R., et al	Crawford	West Ash Cr. Canal	Irrig.	1.62	36	32	51	Dawes	July	4	1893	452
Ash Cr., West	Ivins, Orville R.	Crawford	Wall (West Ash Cr.) Canal	Irrig.	.57	30	32	51	Dawes	Feb.	3	1898	434
Beaver Creek	Braddock, Mrs. Wm.	Chadron	Braddock Canal	Irrig.	.36	18	34	40	Sheridan	Apr.	15	1895	423

Beaver Creek	Braddock, J. F.	Chadron	Braddock Canal	Irrig.	.04	1	34	47	Dawes	Apr.	15	1895	974	.....
Beaver Creek	Braddock, Mrs. Wm.	Chadron	Lockler Canal	Irrig.	1.83	34	35	47	Dawes	Sept.	15	1892	1017	.....
Beaver Creek	Braddock, J. F.	Chadron	Braddock Canal	Irrig.	.61	1	34	47	Dawes	Nov.	24	1897	.....	463
Beaver Creek	U. R. Land and Cattle Company	Chadron	Cilek Canal	Irrig.	.36	4	33	46	Sheridan	June	19	1899	.....	513
Beaver Creek	Cavins, J. A.	Chadron	Rickman Canal	Irrig.	1.00	9	33	46	Sheridan	July	2	1902	.....	681
Beaver Creek	Braddock, Julia A.	Chadron	Braddock Enlarge- ment	Irrig.	.39	18	34	46	Sheridan	Sept.	19	1928	.....	2033
Beaver Creek	Braddock, Julia A.	Chadron	Lockler Canal	Irrig.	.49	34	35	47	Dawes	Sept.	19	1928	.....	2031
Bordeaux, Big	Locket, T. E.	Chadron	Locket Canal	Irrig.	.07	11	32	48	Dawes	June	30	1886	491	.....
Bordeaux, Big	Naylor, Charles	Chadron	Mann Canal	Irrig.	.23	25	33	48	Dawes	Dec.	31	1892	975	.....
Bordeaux, Big	Adams, S. L.	Chadron	Adams Canal	Irrig.	.14	2	32	48	Dawes	Mar.	5	1893	450	.....
Bordeaux, Big	County of Dawes	Chadron	Dawes County Canal	Irrig.	.14	23	33	48	Dawes	July	31	1893	983	.....
Bordeaux, Big	O'Donnell, Pat	Chadron	O'Donnell Canal	Irrig.	.14	9	34	48	Dawes	Jan.	17	1898	.....	432
Bordeaux, Big	Meyer, Henry J.	Albion	Collins Reservoir	Irrig.	.31	14	32	48	Dawes	Feb.	27	1905	.....	780
Bordeaux, Big	Thomas Brothers	Chadron	Thomas Canal	Irrig.	2.13	34	34	48	Dawes	Sept.	12	1924	.....	1748
Bordeaux, Big	O'Donnell, Pat	Chadron	O'Donnell Enlarge- ment	Irrig.	.63	9	34	48	Dawes	Sept.	22	1928	.....	2036
Bordeaux, Big	Kelso, S. M.	Chadron	Belle Isle Supply Canal	Storage	†15A	F	23	33	48	Dawes	June	13	1930	2144
Bordeaux, Big	Kelso, S. M.	Chadron	Kelso Pump	Irrig.	.10	14	33	48	Dawes	July	24	1930	.....	2151
Bordeaux, Big	Nelson, P. B.	Chadron	Kelso Enlargement No. 1	Irrig.	.14	14	33	48	Dawes	Aug.	11	1932	.....	2270
Bordeaux, Big	Bass, Verner	Chadron	Kelso Enlargement No. 2	Irrig.	.03	14	33	48	Dawes	July	7	1933	.....	2328
Bordeaux, Big	Peterson, Margaret J.	Chadron	Peterson Pump	Irrig.	.05	25	33	48	Dawes	May	31	1931	.....	2302
Bordeaux, Big	Gochnauer, Chris H.	Chadron	Gochnauer Canal	Irrig.	.17	10	33	48	Dawes	July	11	1934	.....	2420
Bordeaux, Big	Bass, Verner	Chadron	Kelso Enlargement No. 3	Irrig.	.14	14	33	48	Dawes	Aug.	6	1934	.....	2456
Bordeaux, Little	Schmidt, Elwin	Chadron	Hartzell Canal	Irrig.	.57	13	33	48	Dawes	June	1	1893	448	.....
Bordeaux, Little	Whitsel, Mrs. Sarah	Chadron	Butler Canal	Irrig.	.11	33	33	47	Dawes	June	1	1894	445	.....
Bordeaux, Little	Frady, C. H.	Chadron	Frady Canal	Irrig.	.....	30	33	47	Dawes	.....	.....	.....	1009 ^a	.....
Bordeaux, Little	Preble, Howard A.	Chadron	Preble Pump	Irrig.	.02	4	32	47	Dawes	July	28	1933	.....	2339

*Application pending—claim not adjudicated.

†Represents reservoir capacity alleged by applicant.

"R" Denotes relocation

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Chadron Creek.	City of Chadron.....	Chadron.....	Chadron Water Works	Dom.	1.00	18	32	48	Dawes.....	Dec.	31	1888	1022	.....
Chadron Creek.	Gorr, James.....	Chadron.....	Gallup Canal	Irrig.	.09	15	33	49	Dawes.....	Dec.	20	1890	426	.....
Chadron Creek.	Wilson, H. M.....	Chadron.....	Tug Wilson Canal.....	Irrig.	.20	12	32	49	Dawes.....	July	13	1893	453	.....
Chadron Creek.	City of Chadron.....	Chadron.....	Water Works Enlarge- ment	Storage	4.50	18	32	48	Dawes.....	Apr.	8	1920	.....	1583
Chadron Creek.	State Park Board.....	Chadron.....	Chadron State Park Supply Canal	Resort	110AF	31	32	48	Dawes.....	Apr.	17	1928	.....	2067
Cottonwood, L.T.	Golden, T. F., Est.....	Crawford.....	Thomas Stuart Canal	Irrig.	.36	8	32	52	Dawes.....	Dec.	21	1890	425	.....
Cottonwood, Lit.	Price, J. A. B., and Golden, T. F., Est.....	Crawford.....	Stuart Bros. Canal.....	Irrig.	2.86	18	32	52	Dawes.....	June	10	1905	.....	8
Cottonwood, Lit.	Abbott, Wm. J.....	Whitman.....	Dunn Canal.....	Irrig.	1.43	9	32	52	Dawes.....	Jan.	14	1902	.....	649
Cottonwood, Lit.	Erickson, John R.....	Crawford.....	Stuart-Maple Canal.....	Irrig.	.70	3	32	52	Dawes.....	Mar.	10	1902	.....	656
Cottonwood, Lit.	Kusel, William T.....	Chadron.....	Kusel-Spearman Canal	Irrig.	.71	8	32	51	Dawes.....	June	30	1902	.....	677
Cottonwood, Lit.	Lawrence, Fay.....	Crawford.....	Broadhurst Canal.....	Irrig.	3.29	7	32	51	Dawes.....	Feb.	25	1913	.....	1264
Cottonwood, Lit.	Dodd and McDowell.....	Crawford.....	Dodd-McDowell Res- ervoir	Storage	1480AF	13	32	53	Sioux.....	Apr.	15	1913	.....	1276
(Res. A-1276).....	Dodd, Calvin H.....	Crawford.....	Dodd-McDowell Canal	Irrig.	.....	17	32	52	Dawes.....	Apr.	15	1913	.....	1571
Cottonwood, Lit.	Simons, Raner.....	Crawford.....	Simons Canal.....	Irrig.	.77	9	32	51	Dawes.....	Feb.	12	1934	.....	2363
Cottonwood, Lit.	Whitney Irrig. Dist.....	Crawford.....	Simmons Supply Canal Blust Supply Canal.....	Storage	1350AF	7	32	51	Dawes.....	Aug.	11	1936	.....	2607-S
				Storage	12000AF	7	32	51						
Cuff Canyon.....	Sanders, Warren.....	Chadron.....	Sanders Canal.....	Irrig.	.07	5	31	49	Dawes.....	Nov.	2	1932	.....	2290
Dead Horse Cr.	Whitsel, John W.....	Chadron.....	Kemery Canal.....	Irrig.	.01	32	32	48	Dawes.....	Sept.	1	1890	493	.....
Dead Horse Cr.	Woodruff, F. B. and E. F.....	Chadron.....	Flag Butte Canal.....	Irrig.	.03	32	32	49	Dawes.....	Apr.	10	1891	427	.....
Dead Horse Cr.	Geiser, B. A.....	Chadron.....	Geiser Canal.....	Irrig.	.16	17	32	49	Dawes.....	Mar.	18	1902	.....	658
Dead Horse Cr.	White, Chas. M., et al	Chadron.....	Slattery Canal.....	Irrig.	1.29	32	33	49	Dawes.....	Apr.	6	1904	.....	749

Dead Horse Cr.	White, C. M.	Chadron	Slattery Enlargement	Irrig.	.55	32	33	49	Dawes	June	15	1928	2021
Dead Horse Cr., Springs, tribu- tary to	Goff, T. L., Estate of	Chadron	Goff Canal	Irrig.	.14	30	32	49	Dawes	Apr.	2	1891	441
Deep Creek	Holberg, Elmer	Crawford	Deep Creek Canal	Irrig.	.06	9	30	53	Sioux	May	1	1887	525
Deep Creek	Holberg, Elmer	Crawford	Holberg Supply Canal	Fish	†1.50AF	4	30	53	Sioux	July	19	1933	2334
Deep Creek	Holberg, Elmer	Crawford	Deep Creek Enlarge- ment	Irrig.	.22	9	30	53	Sioux	July	19	1933	2335
Dry Canyon	Betson, Wm. A.	Crawford	Betson Canal	Irrig.	1.00	33	32	51	Dawes	Mar.	22	1917	1481
Dry Creek	Whitney Irrig. Dist.	Crawford	Pilister Reservoir	Storage	‡380AF	15	33	51	Dawes	Aug.	11	1936	2608-S
(See White River)			Stewart Reservoir	Storage	‡700AF	15	33	51					
			Balwin Reservoir	Storage	‡310AF	15	33	51					
Dry Draw	Ernest, Geo. A.	Chadron	Ernest Canal	Irrig.	3.71	22	35	49	Dawes	Feb.	20	1911	1061
Dry Draw	Glaze, Wm. A.	Crawford	Heath Reservoir	Storage	‡200AF	12	32	53	Sioux	Feb.	7	1917	1475
(Res. A-1475)	Heath, W. E.	Crawford	Heath Canal	Irrig.		12	32	53	Sioux	Feb.	7	1917	1612
Dry Run	Campbell, F. J.	Chadron	Campbell Canal	Irrig.	1.00	35	34	49	Dawes	Nov.	9	1908	919
Dry Run	Guse, Wm.	Whitney	Guse Canal	Irrig.	1.76	35	34	52	Dawes	Jan.	13	1914	1345
Dry Run	Harrison and Weston	Whitney	Harsh-Weston Canal	Irrig.	3.00	31	31	51	Dawes	Mar.	11	1914	1361
English Creek	McDowell, Mrs. Effie	Crawford	McDowell Storage System	Irrig.	.87	12	31	52	Dawes	Oct.	24	1904	772
English Creek	McDowell, Mrs. Effie	Crawford	McDowell Res. No. 3	Fish	‡5AF	2	31	52	Dawes	Jan.	22	1929	2064
			McDowell Res. No. 1	Fish	‡36AF	12	31	52					
Flood Waters	Lenehan, Delia	Crawford	Lenehan Reservoir	Storage	‡640AF	25	34	52	Dawes	Apr.	16	1913	1278
Flood Waters	Arner, Jessie B.	Crawford	Arner Canal	Irrig.	.14	27	33	53	Sioux	May	6	1913	1289
Hooker Creek	Bauersach, C.	Crawford	Bauersach Canal	Irrig.	1.00	7	31	51	Dawes	Dec.	31	1889	492
Hooker Creek	Scott and Steenburg	Aurora	Alcorn Canal	Irrig.	1.21	31	32	51	Dawes	Nov.	17	1905	803
Hooker Creek	Souther, Mable G.	Lincoln	Souther Lake	F. & I.	1.43	30	32	51	Dawes	Sept.	24	1908	915

†Represents reservoir capacity alleged by applicant.
"S" Supplemental to A-1603.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant In	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Indian Creek.....	Renfro, Oscar S.....	Chadron.....	Seegrist Canal.....	Irrig.	.03	3	31	50	Dawes.....	Nov. 1	1893	489	.....
Indian Creek.....	Renfro, Oscar S.....	Chadron.....	Seegrist Enlargement.	Irrig.	.50	3	31	50	Dawes.....	Nov. 29	1919	.....	1569
Indian Creek.....	Norman, Harry.....	Whitney.....	Norman Canal.....	Irrig.	1.91	16	32	50	Dawes.....	Aug. 3	1921	.....	1614
Indian Creek.....	Norman, Harry.....	Whitney.....	Elmer Canal.....	Irrig.	.77	16	32	50	Dawes.....	Jan. 17	1923	.....	1704
Indian Creek.....	Renfro, Oscar S.....	Chadron.....	Renfro Reservoir.....	Storage	160AF	3	31	50	Dawes.....	June 21	1926	.....	1822
(Res. A-1822).....	Renfro, Oscar S.....	Chadron.....	Seegrist Enlargement.	Irrig.		3	31	50	Dawes.....	June 21	1926	.....	1823
Indian Creek.....	Norman, Elmer D.....	Whitney.....	Norman Canal.....	Irrig.	1.28	16	32	50	Dawes.....	Aug. 18	1927	.....	1952
Indian Creek..... (See East Ash Creek)	Norman, Harry.....	Whitney.....	Norman Supply Canal	Storage		28	32	50	Dawes.....	Aug. 22	1927	.....	1953
Indian Creek.....	Renfro, Oscar S.....	Chadron.....	Flood Canal.....	Irrig.	.10	34	32	50	Dawes.....	July 16	1931	.....	2216
Indian Creek, tributary to.....	Honnold Brothers.....	Whitney.....	Honnold-Wilson Canal	Irrig.	.07	3	31	50	Dawes.....	May 25	1912	.....	1190
Madden Cr. and North Creek...	Flannigan, O. R.....	Chadron.....	Dams.....	Irrig.	.57	31	35	48	Dawes.....	Oct. 17	1904	.....	771
Minnepazuta Creek.....	Smoke, Wm. H.....	Chadron.....	Minnepazuta Reservoir	Irrig.	.14	19	33	48	Dawes.....	July 21	1930	.....	2149
Rush Creek.....	Braddock, H. T.....	Chadron.....	Braddock Canal.....	Irrig.	3.00	10	34	49	Dawes.....	May 4	1903	.....	706
Sand Creek.....	Everson, George and Arner, Frank E.....	Crawford.....	Bendix Canal.....	Irrig.	.57	35	33	53	Sioux.....	Nov. 19	1895	.....	189
Sand Creek.....	Everson, George and Arner, Frank E.....	Crawford.....	Bendix Enlargement...	Irrig.	.83	35	33	53	Sioux.....	May 27	1922	.....	1669
Saw Log, East. (See White Clay)	Stewart, H. E.....	Crawford.....	Little Saw Log Canal	Irrig.	.71	12	30	52	Dawes.....	Jan. 23	1907	.....	849

Saw Log, East.	Young, Chas. A.	Crawford	Stephenson Canal	Irrig.	.33	25	31	52	Dawes	Mar.	5	1907	852
Saw Log, East.	Baker, A. D.	Crawford	Baker Canal	Irrig.	.01	5	30	51	Dawes	Jan.	3	1908	881
Saw Log, East.	Porter, J. E. and Masters, C. E.	Crawford	Van Treek Canal	Irrig.	.37	4	30	51	Dawes	May	8	1911	1098
Saxson Draw (Res. A-1689)	Dodd, Clara A.	Crawford	Harris Reservoir	Storage	‡7AF	32	33	52	Dawes	Sept.	29	1922	1689
	Dodd, Clara A.	Crawford	Harris Reservoir Canal	Irrig.		32	33	52	Dawes	Sept.	29	1922	1996
Sheridan Cr.	Getchell, G. C.	Pine Ridge, S. D.	Getchell Canal	Irrig.	.07	27	31	45	Sheridan	Aug.	1	1894	418
Soldier Creek	Rodgers, J. J.	Crawford	Rodgers Canal	Irrig.	.14	5	31	53	Sioux	Apr.	30	1883	516
Spring Branch (Tucker Cr.)	Cutler, Jennie R.	Harrison	Tucker Canal	Irrig.	.17	31	31	51	Sioux	June	1	1883	557
Spring Creek	Benthack, Peter L.	Chadron	Benthack Canal	Irrig.	4.71	11	33	49	Dawes	Sept.	12	1924	1719
Spring Creek	Swinbank, Sam, et al.	Crawford	Mozeter Canal	Irrig.	1.11	13	32	52	Dawes	May	3	1888	1014
Spring Creek	Kusel, William T.	Chadron	Kusel Canal No. 2	Irrig.	.43	8	32	51	Dawes	May	19	1900	560
Spring Creek	Forbes, J. D.	Crawford	Forbes Canal No. 1	Irrig.	.43	20	32	52	Dawes	Apr.	28	1902	663
Spring Creek	Pinney, R. B.	Crawford	Squaw Creek Canal	Irrig.	.10	13	32	52	Dawes	May	10	1894	466
Spring Creek	Lawrence, Fay E.	Crawford	Spring Creek Canal No. 1	Irrig.	2.00	13	32	52	Dawes	Dec.	1	1891	473
Spring Creek	Lawrence, Fay E.	Crawford	Spring Creek Canal	O. D.	D-473	7	32	51	Dawes	Dec.	1	1891	2078
Squaw Creek	Hall, LeRoy & Frank	Crawford	Cooper Canal	Irrig.	2.29	36	32	52	Dawes	May	8	1896	333
Squaw Creek (Res. A-1132)	McDowell, Mrs. Effie	Crawford	Squaw Cr. Reservoir	Storage	‡200AF	12	31	52	Dawes	Oct.	3	1911	1132
	McDowell, Mrs. Effie	Crawford	Squaw Creek Canal	Irrig.		12	31	52	Dawes	Oct.	3	1911	1631
Squaw Creek	McDowell, Mrs. Effie	Crawford	Reservoir No. 4	Storage	‡1AF	12	31	52	Dawes	Nov.	12	1931	2249
Trunk Butte Cr.	Smock, M.	Whitney	Smock Canal	Irrig.	.07	26	32	50	Dawes	June	28	1895	465
Trunk Butte Cr.	Chaulk, John J.	Chadron	Chaulk Canal	Irrig.	3.00	25	33	50	Dawes	Mar.	13	1915	1406
White Clay Cr.	Tandy, A. N.	Crawford	McFarland Canal	Irrig.	1.61	35	32	52	Dawes	May	18	1891	960

‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant In	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						Sec.-ft.	County		Mo.	D	Yr.			
							S	T						R
White Clay Cr. (See White River)	White River Irrig. Co.	Crawford.....	White River Canal.....	Irrig.	1.00	34	32	52	Dawes.....	Dec.	31	1894	477	.....
White Clay Cr.	Hall, LeRoy & Frank	Crawford.....	Cooper Canal.....	Irrig.	3.66	2	31	52	Dawes.....	June	22	1895	.....	42
White Clay Cr.	McDowell, Robt.	Crawford.....	Cooper Canal.....	Irrig.	.05	2	31	52	Dawes.....	June	22	1895	.....	42 -R
White Clay Cr.	Pine Ridge Agency.....	Pine Ridge, S. D.	Pine Ridge Canal.....	Irrig.			35	45	Sheridan.....				119*	.....
White Clay Cr.	Johnson, A. F.	Crawford.....	Rinicker Canal.....	Irrig.	.57	11	31	52	Dawes.....	June	8	1901	.....	618
White Clay Cr.	Moss, J. H.	Crawford.....	Hutzel Canal.....	Irrig.	.57	13	31	52	Dawes.....	Apr.	30	1903	.....	704
White Clay Cr.	Townsend, Chas.	White Clay.....	Townsend Canal.....	Irrig.	.80	25	35	45	Sheridan.....	Jan.	21	1911	.....	1054
White Clay Cr.	Johnson, A. F.	Crawford.....	Handshugel Lake.....	Supple. A-618	‡150AF	11	31	52	Dawes.....	Dec.	17	1915	.....	1441
White Clay Cr.	McDowell, Edw. C.	Crawford.....	Cooper Supply Canal.....	Fish	‡30AF	2	31	52	Dawes.....	Jan.	22	1929	.....	2063
White Clay Cr.	North, A. C.	Rushville.....	North Pump.....	Irrig.	.38	36	35	45	Sheridan.....	Mar.	26	1934	.....	2369
White Clay Cr. (See Saw Log)	Stewart, H. E.	Crawford.....	Little Saw Log Canal.....	Irrig.		12	30	52	Dawes.....	Jan.	23	1907	.....	849
White River.....	Rabin, P. L.	Crawford.....	Halls Mill.....	Power	24.83	34	32	52	Dawes.....	Sept.	10	1885	478a	.....
White River.....	City of Crawford.....	Crawford.....	Crawford Water System.....	Dom.	5.00	26	31	53	Sioux.....	Oct.	1	1890	102b	.....
White River.....	Pinney, B. G., et al.	Crawford.....	Harris-Cooper Canal.....	Irrig.	16.78	26	32	52	Dawes.....	Mar.	9	1894	464a	.....
White River.....	Pinney, B. G., et al.	Crawford.....	Harris-Cooper Canal.....	Irrig.	1.57	26	32	52	Dawes.....	June	15	1894	464b	.....
White River.....	Pinney, B. G., et al.	Crawford.....	Harris-Cooper Canal.....	Irrig.	.28	26	32	52	Dawes.....	Oct.	31	1894	464c	.....
White River.....	Forbes, Wm. T.	Crawford.....	Rasher Canal.....	Irrig.	1.14	19	32	51	Dawes.....	June	20	1894	467	.....
White River..... (See White Clay Creek)	White River Irrig. Co.	Crawford.....	White River Canal.....	Irrig.	8.71	34	32	52	Dawes.....	Dec.	31	1894	477	.....
White River.....	Hall Ditch Company...	Crawford.....	Hall Canal No. 2.....	Irrig.	12.60	34	32	52	Dawes.....	Jan.	10	1895	478c	.....
White River.....	C. B. & Q. R. R. Co.	Lincoln.....	C.B. & Q. Line at Crawford.....	Dom.	.50	3	31	52	Dawes.....	Sept.	14	1889	1030	.....

DEPARTMENT OF ROADS AND IRRIGATION

White River	Bartlett, A. M.	Chadron	Jones Canal	Irrig.	.71	18	31	18	Dawes	May	21	1897	301	
White River	Forbes, Jeanette, et al	Crawford	Rasher Canal	Irrig.	.50	19	32	51	Dawes	May	23	1898	456	
White River	Forbes, Wm. T.	Crawford	Rasher Canal	Irrig.	1.43	19	32	51	Dawes	Jan.	16	1900	534	
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	.57	24	34	49	Dawes	June	13	1904	758	
White River	Schwabe, August	Chadron	Schwabe Power Canal	Power	5.00	24	34	49	Dawes	June	13	1904	759	
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	.28	24	34	49	Dawes	Mar.	19	1906	815	
White River	White River Irrig. Co.	Crawford	White River Canal											
			South Branch	Irrig.	1.43	25	32	52	Dawes	Mar.	11	1909	936	
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	3.43	31	34	48	Dawes	July	23	1908	908	
White River	Pinney and Denslow	Crawford	Harris-Cooper Supply											
			Canal	Storage	150	AF	26	32	52	Dawes	Aug.	10	1911	1122
(Res. A-1122)	Pinney, Ralph B.	Crawford	Pinney Reservoir											
			Canal No. 2	Irrig.		17	32	51	Dawes	Aug.	10	1911	2493†	
White River	Forbes, Wm. T.	Crawford	Forbes Enlargement	Irrig.	.50	19	32	51	Dawes	Sept.	26	1911	1128	
White River	Whitney Irrig. Dist.	Whitney	Whitney Reservoir											
			Canal	Storage	110,000	AF	26	32	52	Dawes	Apr.	28	1921	1603
(Res. A-1003)	Whitney Irrig. Dist.	Whitney	Whitney Pipe Line	Irrig.		4	32	51	Dawes	Apr.	28	1921	1787	
						34	33	51						
						35	33	51						
White River	Norman, Wm	Crawford	Whitney Pipe Line	Irrig.	3.60	24	32	52	Dawes	May	2	1921	1604	
White River	Whitney Irrig. Dist.	Whitney	Whitney Pipe Line	Irrig.	25.00	26	32	52	Dawes	Nov.	7	1921	1625	
White River	Simons, Raynor	Crawford	Whitney Pipe Line	Irrig.	2.07	26	32	52	Dawes	Nov.	18	1921	1626	
White River	Norman, Wm	Crawford	Whitney Pipe Line	Irrig.	.41	26	32	52	Dawes	Apr.	26	1922	1660	
White River	Northwest Financial Service	Chadron	Hageman Canal	Irrig.	1.14	26	33	50	Dawes	Oct.	18	1928	2046	
White River	City of Crawford	Crawford	Crawford Park Pump	Irrig.	.57	3	31	52	Dawes	Mar.	12	1929	2075	
White River	Bartlett, Alfred F.	Chadron	Bartlett Canal	Irrig.	.30	19	34	18	Dawes	Sept.	8	1932	2285	
White River	Mobley, A. L.	Crawford	Mobley Pump	Irrig.	.05	3	31	52	Dawes	May	10	1934	2381	
White River	Whitney Irrig. Dist.	Crawford	Stewart-Balwin											
(See Dry Cr)			Reservoirs	Storage		26	32	52	Dawes	Aug.	11	1936	2609-S	
White River	Village of Whitney	Whitney	Whitney Water Supply	Dom.	2.00	1	32	51	Dawes	Aug.	26	1936	2627	

*Claim not adjudicated.
†Map pending.
‡Represents reservoir capacity alleged by applicant.
"R" Denotes relocation
"S" Supplemental to A-1603.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.			
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Antelope Cr.	Gayhart, M. J.	Montrose	Gayhart Canal	Irrig.	2.43	16	34	55	Sioux	June	18	1901	760		
Antelope Creek, North Branch	Story, Amy L., et al.	Story	Story Canal	Irrig.	2.00	8	34	56	Sioux	Nov.	11	1895	168		
Antelope Creek, North Branch	Story, Amy L., et al.	Story	Story Canal	Irrig.	5.71	9	34	56	Sioux	Mar.	26	1918	1509		
Antelope Creek, North Branch	Schnurr, Albert	Harrison	Grammercy Dam	Irrig.	3.71	13	34	57	Sioux	Sept.	24	1920	1591		
Antelope Creek, South Branch	Turner, Sarah A., Estate of	Harrison	Turner Canal	Irrig.	1.11	26	34	57	Sioux	Oct.	31	1891	537		
Antelope Creek, South Branch	Seaman, Samuel R.	Harrison	Ellis Canal	Irrig.	.29	9	33	57	Sioux	May	17	1896	338		
Antelope Creek, South Branch	Turner, Sarah A., Estate of	Harrison	Turner Reservoir	Storage	1250	A	F	26	34	57	Sioux	July	3	1922	1675
(Res. A-1675)	Turner, Sarah A., Estate of	Harrison	Turner Reservoir Canal	Supple. D-537		26	34	57	Sioux	July	3	1922	1676		
(Res. A-1675)	Turner, Sarah A., Estate of	Harrison	Turner Reservoir Canal	Irrig.	1.68	26	34	57	Sioux	July	3	1922	1677		
Boggy Creek	Holly, Thos.	Crawford	Holly Canal	Irrig.	.11	30	33	51	Sioux	Dec.	31	1888	956		
Boggy Creek	Smith, J. W.	Harrison	Smith Canal	Irrig.	.29	31	33	51	Sioux	May	1	1892	526		
Boggy Creek	Wickersham-Read- inger Cattle Co.	Harrison	Wickersham Canal	Irrig.	3.00	31	33	51	Sioux	Feb.	28	1903	701		

Boggy Creek.....	Wickersham-Read- inger Cattle Co.....	Harrison.....	Wickersham Supply Canal	Storage	‡250AF	31	33	51	Sioux.....	Dec.	24	1930	---	2182
(Res. A-2182).....	Wickersham-Read- inger Cattle Co.....	Harrison.....	Wickersham Reservoir Canal	Irrig.		30	33	51	Sioux.....	Dec.	24	1980	.....	2203
Boggy Creek.....	Wickersham-Read- inger Cattle Co.....	Harrison.....	Wickersham Enlarge- ment	Irrig.	.96	31	33	51	Sioux.....	May	15	1931	.....	2204
Boggy Creek, Middle Branch	Bannon, J. F.....	Harrison.....	Bannon Canal	Irrig.	.06	7	32	54	Sioux.....	July	1	1886	560	.....
Boggy Creek, Middle Branch	Marten, Wm.....	Harrison.....	Marten Canal.....	Irrig.	.36	18	32	54	Sioux.....	May	19	1896	.....	342
Boggy Creek, West Branch	Hill, Albert F.....	Harrison.....	Hill Canal.....	Irrig.	.86	11	32	55	Sioux.....	Jan.	20	1908	.....	886
Canyons	Konrath, James.....	Harrison.....	Konrath Canal.....	Irrig.	1.43	17	34	54	Sioux.....	Dec.	28	1905	.....	808
Cedar Creek.....	Parsons, Con.....	Harrison.....	Shilts Cedar Creek Canal	Irrig.	.57	35	33	56	Sioux.....	May	15	1885	507	.....
(Prairie Dog Creek)	Parsons, Con.....	Harrison.....	Shilts Prairie Dog Canal	O. D.	D-507	35	33	56	Sioux.....	May	15	1885	508	.....
Cedar Creek.....	Grote, Wm.....	Harrison.....	Valdez Canal.....	Irrig.	.50	10	32	56	Sioux.....	Apr.	5	1886	976	.....
Cedar Creek.....	Plunkett, John.....	Harrison.....	Plunkett Canal.....	Irrig.		4	32	56	Sioux.....				985*	.....
Cherry Creek.....	Ruffing, M.....	Harrison.....	Cherry Creek Canal.....	Irrig.	.03	29	33	54	Sioux.....	May	1	1893	510	.....
Dry Draw.....	Jordan, Richard.....	Harrison.....	Wooden Shoe Reservoir	Storage	‡75AF	22	33	56	Sioux.....	Aug.	24	1914	.....	1377
Dry Gulch.....	Child, L. M.....	Story.....	Child Canal.....	Irrig.	.57	28	34	56	Sioux.....	Aug.	14	1914	.....	1376
Geike Creek.....	Geike, August.....	Harrison.....	Geike Canal.....	Irrig.	.43	19	33	56	Sioux.....	Nov.	4	1927	.....	1967

*Claim not adjudicated.

‡represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in			Location of Headgate or Dam		Date of Priority		Doc. No.	App. No.	
					Sec.-ft.	S	T	R	County	Mo.	D			Yr.
Hat Creek.....	Thayer, Millard A., Estate of	Harrison.....	West Hat Creek Canal	Irrig.	.43	16	32	55	Sioux.....	June	1	1880	553a	.....
Hat Creek.....	Coffee, Charles F.....	Harrison.....	Coffee Canal.....	Irrig.	4.29	26	33	55	Sioux.....	Sept.	1	1881	512	.....
Hat Creek.....	Thayer, Millard A., Estate of	Harrison.....	West Hat Creek Canal	Irrig.	.57	16	32	55	Sioux.....	May	31	1886	553b	.....
Hat Creek.....	Coffee, J. T., et al.....	Harrison.....	Miller Canal.....	Irrig.	.57	23	33	55	Sioux.....	May	19	1896	.....	311
Hat Creek.....	Lyon, E. B.	Harrison.....	Antrim Canal.....	Irrig.	.57	3	32	55	Sioux.....	Dec.	24	1900	.....	591
Hat Creek.....	Lyon, E. B.	Harrison.....	Antrim Canal.....	Irrig.	.57	3	32	55	Sioux.....	Aug.	20	1906	.....	831
Hat Creek.....	Coffee, John T.....	Harrison.....	Coffee and Son Flood Canal	Irrig.	6.00	14	33	55	Sioux.....	Oct.	22	1912	.....	1236
Hat Creek.....	Zerbe, Harry T.....	Harrison.....	Zerbe Reservoir.....	Storage	25.4F	35	33	55	Sioux.....	Mar.	25	1915	.....	1407
Jim Creek.....	Dout, Clarence H.....	Montrose.....	Dout Brothers Canal.....	Irrig.	.86	7	33	56	Sioux.....	May	15	1889	981	.....
Jim Creek.....	Slattery Land and Cattle Compnay.....	Harrison.....	Woodruff South Canal	Irrig.	.36	14	33	57	Sioux.....	May	1	1890	536	.....
Jim Creek.....	Snyder, Thos. A.....	Harrison.....	Jim Creek Canal.....	Irrig.	.43	8	33	56	Sioux.....	Dec.	15	1890	502	.....
Jim Creek.....	Slattery Land and Cattle Company.....	Harrison.....	Slattery Canal.....	Irrig.	.29	13	33	57	Sioux.....	May	31	1891	543	.....
Jim Creek.....	Slattery Land and Cattle Company.....	Harrison.....	Caladonia Reservoir.....	Storage	42.4F	13	33	57	Sioux.....	July	20	1922	.....	1680
(Res. A-1680).....	Slattery Land and Cattle Company.....	Harrison.....	Slattery Canal.....	Supple. D-543		13	33	57	Sioux.....	July	20	1922	.....	1683
(Res. A-1680).....	Slattery Land and Cattle Company.....	Harrison.....	Caladonia Canal.....	Irrig.		13	33	57	Sioux.....	July	20	1922	.....	1681
(Res. A-1680).....	Slattery Land and Cattle Company.....	Harrison.....	Caladonia Canal.....	Irrig.		13	33	57	Sioux.....	July	20	1922	.....	1683
Jim Creek.....	Slattery Land and Cattle Company.....	Harrison.....	High Line Canal.....	Irrig.	.34	13	33	57	Sioux.....	July	20	1922	.....	1682

Jim Creek and North Jim Cr. (Res. A-1999)	Dout, Clarence	Harrison	Dout Reservoir No. 1	Storage	430AF	7 33 56	Sioux	Apr.	2 1928	1999
	Dout, Clarence	Harrison	Dout Canal No. 1	Irrig.		7 33 56	Sioux	Apr.	2 1928	2000
Jim Creek (Res. A-2001)	Dout, Clarence	Harrison	Dout Reservoir No. 2	Storage	43AF	7 33 56	Sioux	Apr.	2 1928	2001
	Dout, Clarence	Harrison	Dout Canal No. 2	Irrig.		7 33 56	Sioux	Apr.	2 1928	2002
Jim Cr., East	Wasserburger, J.	Montrose	Wasserburger Canal	Irrig.	2.29	29 34 54	Sioux	Oct.	13 1900	581
Jordan Draw (Res. A-2071)	Jordan, Dan	Harrison	Dan Jordan Reservoir	Storage	450AF	32 33 55	Sioux	Feb.	20 1929	2071
	Jordan, Dan	Harrison	Dan Jordan Canal	Irrig.		32 33 55	Sioux	Feb.	20 1929	2072
Lickett Creek	Coffee, S. B.	Chadron	Lickett Canal	Irrig.		27 33 54	Sioux			1005*
Lickett Creek	Coffee, S. B.	Chadron	Lickett Canal	Irrig.	1.43	27 33 54	Sioux	Mar.	21 1900	549
						34 33 54				
Little Red Cr.	Plunkett, Thomas	Harrison	Zerbst Canal	Irrig.	.14	25 33 56	Sioux	May	1 1893	551
Little Red Cr.	Grimm, Wm. O.	Harrison	Zerbst Canal	Irrig.	.90	31 33 56	Sioux	Apr.	3 1928	2003
Long Branch	Turnbull, S. C.	Ardmore, S. D.	O'Connell Canal	Irrig.	.20	22 35 54	Sioux	Nov.	10 1900	587
Long Branch	Ebert, L. J.	Ardmore, S. D.	Ebert Canal	Irrig.	.14	19 35 53	Sioux	Aug.	22 1901	635
Monroe Creek	Parsons, Con.	Harrison	Big Monroe Canal	Irrig.	1.43	33 33 56	Sioux	May	1 1888	506
Monroe Creek	Parsons, Con.	Harrison	Schilts-Monroe Canal	Irrig.	.50	27 33 56	Sioux	July	2 1888	509
Monroe Creek	Jordan, Cornelius	Harrison	Cornelius Jordan Canal	Irrig.	2.20	13 33 56	Sioux	Nov.	12 1906	841
Monore Creek (Res. A-841)	Jordan, Cornelius	Harrison	Cornelius Jordan Reservoir	Storage	4271AF	13 33 56	Sioux	Nov.	12 1906	841
	Jordan, Cornelius	Harrison	Cornelius Jordan Canal	Supple. A-841		13 33 56	Sioux	Nov.	12 1906	841
Monroe Creek	Jordan, Cornelius	Harrison	Kite Canal	Irrig.	2.00	13 33 56	Sioux	July	30 1911	1375

*Claim not adjudicated.
‡Represents reservoir capacity alleged by applicant.

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						Sec.-ft.	County		Mo.	D	Yr.			
							S	T						R
Monroe Creek.....	Jordan, Cornelius.....	Harrison.....	Jordan Reservoir	Storage	‡400AF	13	33	56	Sioux.....	Jan.	14	1915	.....	1399
(Res. A-1399).....	Jordan, Cornelius.....	Harrison.....	Enlargement	Supple.		13	33	56	Sioux.....	Jan.	14	1915	.....	1460
(Res. A-1399).....	Jordan, Cornelius.....	Harrison.....	Kite Canal	Supple.		13	33	56	Sioux.....	Jan.	14	1915	.....	1470
Monroe Creek.....	Jordan, Richard.....	Harrison.....	Richard Jordan Canal	Irrig.	1.67	22	33	56	Sioux.....	Sept.	19	1928	.....	2032
Monroe Creek.....	Keel, Birdie V.....	Harrison.....	Keel Canal	Irrig.	.02	5	32	56	Sioux.....	Aug.	20	1931	.....	2228
Monroe Creek.....	Federle, Max.....	Harrison.....	Monroe Reservoir	Resort	‡3AF	8	32	56	Sioux.....	Jan.	16	1933	.....	2297
Monroe Creek.....	Knori, Samuel.....	Harrison.....	Big Monroe Canal	Irrig.	2.10	33	33	56	Sioux.....	Apr.	16	1934	.....	2372
Prairie Dog Cr. (Res. A-2031).....	Plunkett, Thos.....	Harrison.....	Plunkett Reservoir	Storage	‡110AF	25	33	56	Sioux.....	Sept.	18	1928	.....	2031
	Plunkett, Thos.....	Harrison.....	Plunkett Canal	Irrig.		25	33	56	Sioux.....	Sept.	18	1928	.....	2070
Sow Belly Cr.....	Schaefer, Nick J.....	Harrison.....	Old Sow Belly Canal	Irrig.	3.00	7	32	55	Sioux.....	June	1	1887	533	.....
Sow Belly Cr.....	Zerbe, Frank.....	Harrison.....	Montgomery Canal	Irrig.	1.00	21	33	55	Sioux.....	Dec.	1	1890	559	.....
Sow Belly Cr.....	Jordan, Sarah, Est.....	Harrison.....	Jordan Canal	Irrig.	.43	21	33	55	Sioux.....	June	1	1895	556	.....
Sow Belly Cr.....	Nutto, F.....	Harrison.....	Nutto Canal	Irrig.	.43	24	32	56	Sioux.....	Sept.	4	1897	.....	404
Sow Belly Cr.....	Jordan, Sarah, Est.....	Harrison.....	Jordan Canal	Irrig.	.50	21	33	55	Sioux.....	May	11	1896	.....	421
Sow Belly Cr.....	Carroll, M. J.....	Harrison.....	Carroll Canal	Irrig.	.14	7	32	55	Sioux.....	July	12	1899	.....	516
Sow Belly Cr.....	Zimmerman, Irvin S.....	Harrison.....	Zimmerman Canal	Irrig.	.57	34	33	55	Sioux.....	Jan.	11	1900	.....	532
Sow Belly Cr.....	Jordan, S.....	Harrison.....	Jordan Canal	Irrig.	.14	21	33	55	Sioux.....	May	26	1902	.....	668
Sow Belly Cr.....	Barnes, Paul T.....	Harrison.....	Barnes Reservoir	Storage	‡50AF	19	32	55	Sioux.....	Mar.	24	1913	.....	1268
Sow Belly Cr.....	O'Connell, M. J.....	Montrose.....	O'Connell Canal	Irrig.	10.00	9	33	55	Sioux.....	May	5	1913	.....	1288
Sow Belly Cr.....	Schaefer, N. J.....	Harrison.....	Cld Sow Belly Supply Canal	Storage	‡150AF	7	32	55	Sioux.....	Feb.	27	1933	.....	2306
			New Sow Belly Supply Canal	Storage	‡150AF	8	32	55	Sioux.....	Feb.	27	1933	.....	2306-R
(Res. 1 A-2306).....	Schaefer, N. J.....	Harrison.....	Schaefer Canal No. 1	Supple.		5	32	55	Sioux.....	Feb.	27	1933	.....	2484

(Res. 2 A-2306)	Schaefer, N. J.	Harrison	Schaefer Canal No. 2.	Supple. D-533		5 32 55	Sioux	Feb.	27 1833		2484
Sow Belly Cr.	Andrews, Agnes	Harrison	Andrews Supply Canal	Storage	\$24AF	5 32 55	Sioux	Mar.	26 1935		2530
(Res. A-2530)	Andrews, Agnes	Harrison	Andrews Canal	Irrig.		5 32 55	Sioux	Mar.	26 1935		2558
Spring Creek	Hall, W. S. and F. M.	Harrison	Hall Spring Canal	Irrig.		.57 6 32 55	Sioux	Mar.	26 1889	550	
Spring Creek	Schaefer, N. J.	Harrison	Spring Creek Canal	Irrig.		.29 7 32 55	Sioux	June	1 1893	532	
Spring Creek	Hall, F. M.	Harrison	Crystal Lake Supply Canal	Storage	\$40AF	6 32 55	Sioux	Aug.	22 1927		1954
(Res. A-1951)	Hall, F. M.	Harrison	Crystal Lake Supply Canal	Irrig.		6 32 55	Sioux	Aug.	22 1927		2286
Stream, No name	Coffee, S. B.	Harrison	Homestead Canal	Irrig.		.22 22 33 51	Sioux	May	31 1890	981	
Stream, No name	Coffee, John T.	Harrison	Hunter Canal	Irrig.		.03 26 33 54	Sioux	May	12 1898		451
Squaw Creek	Seaman, Samuel R.	Harrison	Dunn Canal	Irrig.		.36 15 33 57	Sioux	June	1 1890	552	
Squaw Creek	Thomas, S. M.	Harrison	Hamlin Canal	Irrig.		.01 10 33 57	Sioux	Apr.	1 1891	555	
Squaw Creek	Shepherd Cattle Co.	Harrison	Dunn Reservoir Canal	Irrig.		.57 10 33 57	Sioux	Aug.	5 1895		100
Squaw Creek	Shepherd Cattle Co.	Harrison	Dunn Canal	Irrig.		.19 3 33 57	Sioux	Jan.	22 1897		376
Squaw Creek	Thomas S. M.	Harrison	Thomas Canal	Irrig.		.50 10 33 57	Sioux	July	23 1901		627
Squaw Creek	Shepherd Cattle Co.	Harrison	Shepherd Canal	Irrig.		3.16 36 34 57	Sioux	Oct.	24 1927		1965
Squaw Cr. So.	Shepherd Cattle Co.	Harrison	Shepherd Reservoir	Storage	\$89AF	2 33 57	Sioux	Jan.	29 1931		2189
Warbonnet Cr.	Anderson, John A.	Harrison	Warbonnet Canal	Irrig.		3.63 21 33 56	Sioux	July	31 1889	518	
Warbonnet Cr.	Slattery Land and Cattle Company	Harrison	Nolan Canal No. 1	Irrig.		.01 23 33 57	Sioux	Mar.	15 1887	957	
Warbonnet Cr.	Slattery Land and Cattle Company	Harrison	Nolan Canal No. 2	Irrig.		.29 23 33 57	Sioux	May	1 1888	959	
Warbonnet Cr.	Anderson, John A.	Harrison	Dout Canal	Irrig.		.29 30 33 56	Sioux	Dec.	31 1891	539b	
Warbonnet Cr.	Anderson, John A.	Harrison	Warbonnet Canal No. 2	Irrig.		1.50 20 33 56	Sioux	Mar.	11 1908		892
Warbonnet Cr.	Slattery Land and Cattle Company	Harrison	Zerbst Canal No. 2	Irrig.		.17 25 33 57	Sioux	Mar.	6 1915		1404

‡Represents reservoir capacity alleged by applicant.

"R" One-third of appropriation will be diverted at the new diversion.

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

268

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Warbonnet Cr.	O'Connell, Mike	Montrose	O'Connell Canal	Irrig.	.35	17	33	55	Sioux	June	20	1832	2274
Warbonnet Cr., Branch of	Slattery Land and Cattle Company	Harrison	Zerbst Canal No. 1	Irrig.	.03	26	33	57	Sioux	Mar.	6	1915	1405
Warbonnet Cr., North Branch	Anderson, John A.	Harrison	Dout Canal	Irrig.	.71	30	33	56	Sioux	May	31	1889	539a
Warbonnet Cr., North Branch	Anderson, John A.	Harrison	Kay Canal	Irrig.	.14	26	33	57	Sioux	May	1	1887	958
Warbonnet Cr., Spring Branch tributary to	Biehle, Chas.	Harrison	Biehle Canal	Irrig.	.23	32	33	56	Sioux	Apr.	1	1891	538
Warbonnet Cr., Spring Branch tributary to	Anderson, John A.	Harrison	Garton Canal	Irrig.	1.13	31	33	56	Sioux	Oct.	16	1893	503
White Head Cr., Spring Branch tributary to	Richardson, Margaret	Orella	Harrison Canal	Irrig.	.06	13	33	54	Sioux	May	30	1888	547

REPORT OF THE STATE ENGINEER

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

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Bazille Creek.....	Jirous, Frank, Est.....	Creighton.....	Creighton Mill Race.....	Power		21	29	5	Knox.....				1002*	
Bazille Creek.....	Moss, O. H. and Buckler, Fred.....	Battle Creek	Creighton Mills.....	Power	30.00	21	29	5	Knox.....	Sept.	24	1908		914
Bazille Creek.....	Benedict, Guy.....	Creighton.....	Benedict Water Wheel	Irrig.	.13	28	29	5	Knox.....	Apr.	17	1931		2198
Bazille Creek.....	McGill, Wm. R.....	Center.....	McGill Pump.....	Irrig.	1.03	27	31	5	Knox.....	Oct.	1	1931		2242
Bazille Creek.....	Dalton, Chas. S.....	Niobrara.....	Dalton Pump.....	Irrig.		10	31	5	Knox.....	Aug.	17	1936		2616
Bow Creek.....	Jones, A. W.....	Wynot.....	Bow Valley Mills.....	Power	52.00	11	32	2E	Cedar.....	Spg.		1869	1050	
Elk Creek (Jackson Chute).....	Crystal Lake Co.....	South Sloux City.....	Crystal Lake Dam.....	Dom.	15.00	28	29	8E	Dakota.....	Apr.	12	1923		1714
Spring Creek.....	Stochl, Chas. H.....	Creighton.....	Stochl Pump.....	Irrig.	.03	21	29	5	Knox.....	Oct.	25	1935		2564
Springs.....	Nye, Ellen.....	Plainview.....	Nye Reservoir.....	Storage	†15A	26	28	5	Antelope.....	Aug.	31	1936		2631
Springs and Underground Water.....	Village of Crofton.....	Crofton.....	Crofton Municipal Project.....	Dom.	.25	26	32	2	Knox.....	Oct.	29	1930		2169

*Claim not adjudicated.

DEPARTMENT OF ROADS AND IRRIGATION

APPLICATIONS APPROVED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Loup R., Mid.....	Middle Loup Public Power and Irrig. District.....	Arcadia.....	Middle Loup Public Power & Irrig. Dist.....	Irrig.	300.00	10	19	18	Custer.....	Dec.	28	1932	.....	2293
									Custer.....					
									Custer.....					
									Valley.....					
									Valley.....					
									Sherman.....					
Loup R., No.....	North Loup River Public Power and Irrig. District.....	Ord.....	North Loup River Public Power and Irrig. District.....	Irrig.	260.00	13	21	19	Loup.....	Mar.	28	1933	.....	2312
									Valley.....					
									Garfield.....					
Beaver Creek.....	Umbarger, Arthur.....	Genoa.....	Umbarger Pump.....	Irrig.		10	17	4	Nance.....	July	8	1933	.....	2329
Platte River.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	The Central Nebraska Supply Canal.....	Storage	1500,000 AF	8	13	29	Lincoln.....	Apr.	27	1934	.....	2351
Platte River.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	The Central Nebraska Supply Canal.....	Power	1500.00	23	12	28	Lincoln.....	Apr.	27	1934	.....	2354
									Gosper.....					
									Gosper.....					
Platte River.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	The Central Nebraska Supply Canal.....	Irrig.	3571.00	8	13	29	Lincoln.....	Jan.	13	1934	.....	2355
									Gosper.....					
									Kearney.....					

No. Platte R.....	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	Keystone Reservoir.....	Storage	\$2000000	15	38	Keith.....	Apr.	27	1931	.....	2374
					AF	14	38						
Coyote Springs..	Watson, Claude R.....	Mitchell.....	Watson Canal.....	Irrig.	1.41	16	27	Sioux.....	July	7	1934	.....	2418
Turkey Cr.....	Psikal, Emil.....	Dorchester..	Psikal Pump.....	Irrig.		34	8	Saline.....	July	23	1934	.....	2437
Big Blue River,													
West Fork.....	Miller, Sam.....	Dorchester..	Miller Pump.....	Irrig.		3	8	Saline.....	July	24	1934	.....	2439
Red Willow Cr.	Fitzgerald, Elmer.....	Hayes Center	Fitzgerald Pump.....	Irrig.	.57	21	8	Hayes.....	July	27	1931	.....	2447
Turkey Creek..	Psikal, Joe.....	Dorchester..	Psikal Pump.....	Irrig.		33	8	Saline.....	July	31	1934	.....	2450
Little Blue R..	Stokebrand, William.....	De Witt.....	Stokebrand Pump.....	Irrig.	.81	5	2	Thayer.....	Aug.	1	1934	.....	2451
Swan Creek.....	Zimmerman, H. E.....	De Witt.....	Zimmerman Pump.....	Irrig.		13	5	Saline.....	Aug.	17	1934	.....	2465
Stream, No													
Name	Nebraska Rural Re- habilitation Corp.....	Lincoln.....	Rural Rehabilitation Project No. 1.....	Irrig.	.34	25	2	Jefferson.....	Aug.	18	1934	.....	2466
Loup River, No.	Almeria Public Power and Irrig. District.....	Taylor.....	Almeria Canal.....	Irrig.	12.09	24	22	Loup.....	Aug.	28	1934	.....	2469
Reservoir A-2350	Miller, Andrew S.....	Dannebrog..	Miller Res. Canal.....	Irrig.		35	14	Howard.....	Jan.	20	1934	.....	2476
Reservoir A-2246	Barker, C. Clyde.....	Parks.....	Kara Lake Supply Canal	Irrig.		20	1	Dundy.....	Oct.	31	1931	.....	2480
Loup River, No.	Satterfield, Katherine	Taylor.....	Cole Pump Enlarge- ment	Irrig.		20	21	Loup.....	Oct.	2	1934	.....	2483
Reservoir A-2300	Schaefer, N. J.....	Harrison.....	Schaefer Canals Nos. 1 and 2.....	Supple. D-533		5	32	Sioux.....	Feb.	27	1933	.....	2484
Loup River, No.	Coble, W. C.....	Whitman.....	Coble Reservoir.....	Storage	\$41AF	20	28	Cherry.....	Oct.	10	1934	.....	2486
Willow Creek..	Knight, W. F.....	Sarben.....	Willow Creek Canal..	Irrig.		15	14	Keith.....	Oct.	13	1934	.....	2488
Little Blue R..	Kasperek, I.....	Fairbury.....	Kasperek Pump.....	Irrig.	.51	6	1	Jefferson.....	Nov.	3	1934	.....	2491
Republican R..	Best, John.....	Oxford.....	Best Pump.....	Irrig.	2.50	36	4	Furnas.....	Nov.	9	1934	.....	2492
Reservoir A-1122	Pinney Ralph B.....	Crawford.....	Pinney Res. Canal.....	Irrig.		17	32	Dawes.....	Aug.	10	1911	.....	2493*
Turkey Creek..	Jeffrey, George R.....	Santa Rosa..	Jeffrey Pump.....	Irrig.		8	1	Franklin.....	Nov.	16	1934	.....	2494
Big Blue R.....	Karpisek, Frank P.....	Ulysses.....	Karpisek Pump.....	Irrig.	.61	20	13	Butler.....	Nov.	20	1934	.....	2495
Lincoln Creek..	Ritterbush, Fred.....	Seward.....	Ritterbush Pump Nos. 1 and 2.....	Irrig.	.67	4	11	Seward.....	Nov.	22	1934	.....	2496

*Map pending.
‡Represents reservoir capacity alleged by applicant.

APPLICATIONS APPROVED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936—Continued

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Lake Creek.....	Jacobsen, Carl M.....	St. Paul.....	Spring Lake Res.....	Storage		25	15	10	Howard.....	Nov.	22	1934	.....	2497
Republican R.....	Schramm, E. F.....	Lincoln.....	Schramm Pump.....	Irrig.		17	1	8	Nuckolls.....	Dec.	3	1934	.....	2498
Sand Creek.....	Coakley, Lucy F.....	Lynch.....	Coakley Pump.....	Irrig.		.57	6	32	9 Holt.....	Dec.	15	1934	.....	2499
Maple Creek.....	Luther, Howard J.....	Nickerson.....	Luther Pump.....	Irrig.		2.72	3	18	8E Dodge.....	Dec.	19	1934	.....	2500
Messenger Cr.....	Bartz, Paul.....	North Loup.....	Bartz Pump.....	Irrig.		.24	26	19	13 Valley.....	Dec.	20	1934	.....	2501
Taylor Drain (North Platte River)	Oberlies, L. C.....	Lincoln.....	Oberlies Canal.....	O. D.		D-919	3	21	53 Scotts Bluff.....	Dec.	21	1934	.....	2502
Niobrara R.....	Nissen, Peter J.....	Hay Springs.....	Nissen Pump.....	Irrig.		1.21	22	29	46 Sheridan.....	Jan.	11	1935	.....	2503
Loup River, No.	McGrew, Melvin.....	Burwell.....	McGrew Pump.....	Irrig.			21	21	16 Garfield.....	Jan.	12	1935	.....	2504
Thompson Cr.....	Ziegler, J. and O.....	Riverton.....	Ziegler Pump.....	Irrig.		.73	27	2	13 Franklin.....	Jan.	16	1935	.....	2505
Boardman Cr.....	Bachelor, J. H.....	Valentine.....	Bachelor Canal.....	Irrig.		27.79	33	30	32 Cherry.....	Jan.	17	1935	.....	2506
Boardeaux, Big.....	Bright, C. H.....	Chadron.....	Brighton Pump.....	Irrig.			21	33	48 Dawes.....	Jan.	21	1935	.....	2507
North Platte and Tribs.....	Morrill County Hydro- electric Company.....	Bayard.....	Morrill County Hydro- electric Plant.....	Power		350.00	13	21	54 Morrill.....	Jan.	23	1935	.....	2508
Niobrara R.....	Bushnell, Esther N.....	Marsland.....	HitsheW Canal No. 2.....	Irrig.		.92	6	28	52 Box Butte.....	Jan.	28	1935	.....	2509
Republican R.....	Warner, August, Est.	Holbrook.....	Warner Pump.....	Irrig.		.57	1	3	22 Furnas.....	Jan.	28	1935	.....	2510
Little Blue R.....	Rice, Clarence E.....	Odell.....	Endicott Pump.....	Irrig.		.46	36	2	2E Jefferson.....	Feb.	1	1935	.....	2511
Country Club Lake	Nye, Ellen.....	Plainview.....	Nye Hydraulic Ram.....	Irrig.			26	28	5 Antelope.....	Feb.	6	1935	.....	2512
Ground Water	Beatty, H. T.....	Overton.....	Beatty Well.....	O. D.		D-624	19	9	20 Dawson.....	Sept.	15	1894	.....	2513
Clear Creek.....	Fairchild, Fred M. and Robbins, H. A.....	Lewellen.....	Harper Enlargement.....	Irrig.			32	16	4I Keith.....	Feb.	19	1935	.....	2514
Clear Creek.....	Fairchild, Fred M. and Robbins, H. A.....	Lewellen.....	Scripter Enlargement.....	Irrig.			32	16	4I Keith.....	Feb.	19	1935	.....	2515
Republican R.....	Lideen, N. E.....	Orleans.....	Lideen Pump.....	Irrig.		.29	19	2	19 Harlan.....	Feb.	20	1935	.....	2516
Little Blue R.....	Rice, C. E.....	Odell.....	Powell Pump.....	Irrig.		.54	24	3	1E Jefferson.....	Feb.	20	1935	.....	2517

Indian Creek and Spring Branch	Fink, Alvin M.	Wymore	Fink Pump	Irrig.		25	2	6E	Gage	Feb.	23	1935	2518
Spring Creek	Spinar, Frank J.	Red Bird	Spinar Canal	Irrig.	.29	1	32	11	Holt	Feb.	25	1935	2519
Loup River, No. 1	Krebs, M. L., Estate of	Scotia	Krebs Canal	Irrig.	1.75	27	17	12	Greeley	Feb.	26	1935	2520
Vining Creek	James, C. E. and Samuleson, Leon	Bloomington	James Canal	Irrig.	.36	28	2	15	Franklin	Feb.	28	1935	2521
Niobrara R.	Iodence, William M.	Franklin	Lichte Enlargement	Irrig.	2.95	27	29	48	Dawes	Mar.	2	1935	2523
Loup River, No. 2	Tully, John J., Est.	Ord	Tully Pump	Irrig.		30	20	14	Valley	Mar.	8	1935	2524
Loup River, No. 3	Coble, W. C.	Whitman	High Line Canal	Irrig.	1.32	20	28	35	Cherry	Mar.	12	1935	2525
Plum Creek	Bossung, E. S., et al	Smithfield	Bossung Pump	Irrig.	.33	5	7	21	Gosper	Mar.	14	1935	2527
Elkhorn River	Heitzman, Herman	West Point	Heitzman Pump	Irrig.	.31	21	22	6E	Cuming	Mar.	16	1935	2528
Prairie Dog Cr.	Kanzelmeyer, Fred L.	Republican City	Kanzelmeyer Pump	Irrig.		17	1	17	Harlan	Mar.	22	1935	2529
Sow Belly Cr.	Andrews, Agnes	Harrison	Andrews Supply Canal	Storage	‡24AF	5	32	55	Sioux	Mar.	26	1935	2530
Republican R.	Worden, Frank	Superior	Worden Pump No. 2	Irrig.		15	1	8	Nuckolls	Apr.	1	1935	2532
Elkhorn River, North Fork	Bathke, Robert	Norfolk	Bathke Pump	Irrig.	.02	22	24	1	Madison	Apr.	4	1935	2533
Methodist Cr.	Snyder, Ernest	Republican City	Snyder Pump	Irrig.		2	1	18	Harlan	Apr.	4	1935	2534
Spinar Springs	Spinar, Frank J.	Red Bird	Spinar Enlargement	Irrig.	.23	1	32	11	Holt	Apr.	9	1935	2535
Little Blue R.	Watts, Chas. E.	Edgar	Watts Pump	Irrig.		11	4	7	Nuckolls	Apr.	11	1935	2536
Big Sandy Cr.	Brinegar, M. A.	Alexandria	Brinegar Pump	Irrig.	.13	6	3	1	Thayer	Apr.	11	1935	2537
Nemaha River, North Fork	Hintz, Henry	St. Mary	Hintz Pump	Irrig.		9	5	10E	Johnson	Apr.	13	1935	2538
Hayes Spring Creek	Barnes, Walter J. and Phillips, Dwight	Hay Springs	Barnes and Phillips Reservoir	Storage	‡12AF	8	31	47	Sheridan	Apr.	15	1935	2539
Big Blue R.	Weston, Margaret	Beatrice	Weston Pump	Irrig.	1.39	11	4	5E	Gage	Apr.	18	1935	2540
Turkey Creek, Stream tributary to	O. H. Johnson & Co.	Norfolk	Johnson Pump	Irrig.	.01	23	33	23	Keya Paha	Apr.	23	1935	2541
Frenchman R.	Grimm, Fred R.	Wauneta	Grimm Pump	Irrig.	1.19	16	5	35	Hayes	Apr.	25	1935	2542

‡Represents reservoir capacity alleged by applicant.

APPLICATIONS APPROVED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936—Continued

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.		
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Big Blue R., West Fork.....	Rehor, Clara W.....	Beaver													
		Crossing.....	Rehor Pump.....	Irrig.	.41	3	9	1E	Seward.....	Apr.	30	1935		2543	
Republican R.....	Blum, William.....	Alma.....	Blum Pump.....	Irrig.		31	2	18	Harlan.....	Apr.	30	1935		2544	
Turkey Creek.....	Hasenohr, Fred.....	De Witt.....	Hasenohr Pump.....	Irrig.	.33	24	5	4E	Saline.....	May	3	1935		2546	
Ewing Spring.....	Ewing, W. E.....	Franklin.....	Sprout Reservoir.....	Storage	\$8.25AF	30	2	14	Franklin.....	May	6	1935		2547	
Hay Spring Creek	Game, Forestation and Parks Commission	Lincoln.....	Walgren Lake Res.....	Fish		29	31	45	Sheridan.....	May	20	1935		2549	
Nemaha River, North Fork.....	City of Humboldt.....	Humboldt.....	Humboldt Reservoir.....	Resort	\$25AF	10	2	13E	Richardson.....	June	20	1935		2551	
Dry Creek	Christensen, Chris.....	Merriman.....	Dry Creek Canal.....	Irrig.	.41	18	34	38	Cherry.....	July	8	1935		2552	
Little Blue R.....	Ferebee, Franklin F.....	Edgar.....													
	Bartlett, Clyde F.....	Nelson.....	Ferebee-Bartlett Pump	Irrig.	.21	19	1	6	Nuckolls.....	Aug.	7	1935		2553	
Beaver Creek.....	Peterson, Henry M.....	St. Edward.....	Peterson Pump.....	Irrig.	.63	2	18	7	Boone.....	Aug.	7	1935		2554	
Niobrara R.....	Johndreau, J. N.....	Gordon.....	Johndreau Pump.....	Irrig.	.96	24	31	42	Sheridan.....	Aug.	9	1935		2555	
White Tail Cr.	White Tail Public Power and Irrig. District	Keystone.....	Keystone Reservoir.....	Storage		10	15	38	Keith.....	Sept.	11	1935		2556	
White Tail Cr.	White Tail Public Power and Irrig. District	Keystone.....	White Tail Public Power & Irrig Dist..	Power	20.00	10	15	38	Keith.....	Sept.	11	1935		2557	
Reservoir A-2530	Andrews, Agnes.....	Harrison.....	Andrews Canal.....	Irrig.	.53	5	132	53	Sioux.....	Mar.	26	1935		2558	
Vining Creek.....	James, C. E. and Samuelson, Leon.....	Bloomington.....	James Reservoir.....	Storage	\$22AF	28	2	15	Franklin.....	Sept.	28	1935		2559	
Lawrence Fork	Niehus, J. W.....	Bridgeport.....	Pearl Canal.....	Irrig.	.58	11	18	52	Morrill.....	Sept.	30	1935		2560	
Ash Creek.....	Eggers, C. M.....	Lewellen.....	Eggers Reservoir.....	Storage	\$110AF	26	16	42	Garden.....	Oct.	11	1935		2561	

DEPARTMENT OF ROADS AND IRRIGATION

Turkey Creek	Stokebrand, Edwin	De Witt	Stokebrand Pump	Irrig.	.19	29	5	5E	Gage	Oct.	18	1935	2562
Big Blue R.	Stokebrand, Edwin	De Witt	Stokebrand Pump	Irrig.	.22	20	5	5E	Gage	Oct.	18	1935	2563
Spring Creek	Stochl, Charles H.	Creighton	Stochl Pump	Irrig.	.03	21	29	5	Knox	Oct.	25	1935	2564
Big Blue R.	Sonderegger Nurseries and Seed House.	Beatrice	Sonderegger Pump	Irrig.	.50	3	3	6E	Gage	Oct.	25	1935	2565
Niobrara R.	Potmesil, John	Hemingford	Potmesil Canal	Irrig.	6.76	26	29	48	Dawes	Oct.	29	1935	2566
Loup River, North Branch	Wetzel, Maggie M.	North Loup	Wetzel Pump	Irrig.		19	18	12	Greeley	Nov.	25	1935	2567
Minnechaduzza Creek	Village of Crookston	Crookston	Community Lake Reservoir	Resort	‡27AF	7	34	29	Cherry	Dec.	13	1935	2568
Lodge Pole Cr. Frenchman R. and Springs	Thorstensen, Nels	Potter	Thorstensen Pump	Irrig.	.29	7	14	51	Cheyenne	Mar.	10	1936	2569
Reservoir A-2481	Hoffmeister, George	Imperial	Hoffmeister Res.	Storage	‡100AF	31	6	38	Chase	Mar.	13	1936	2570
Coyote Springs	Cripps, Fred W.	Whitney	Cripps Pump	Irrig.		12	32	51	Dawes	Sept.	28	1934	2571
Loup River	Watson, Claude R.	Mitchell	Coyote Springs Res.	Storage	‡15AF	16	27	54	Sioux	Apr.	1	1936	2572
	Loup River Public Power District	Columbus	Columbus-Genoa Project	Inc.Hd A-2287		33	17	4	Nance	Apr.	4	1936	2573
Reservoir A-2486	Coble, W. C.	Whitman	Coble and High Line Canals	Irrig.		20	28	35	Cherry	Oct.	10	1934	2574
Reservoir A-2570	Hoffmeister, George	Imperial	Hoffmeister Reservoir Canal	Irrig.		30	6	38	Chase	Mar.	13	1936	2575
Middle Creek, Elkhorn River, North Fork	Miller, J. L.	Bridgeport	Bartling Canal	Irrig.		28	18	51	Morrill	Apr.	27	1936	2576
Niobrara R.	Norfolk Packing Co.	Norfolk	Warfield Pump	Irrig.		15	24	1	Madison	May	2	1936	2577
Reservoir A-2572	Nissen, Peter J.	Hay Springs	Nissen Pump	Irrig.		23	29	46	Sheridan	May	5	1936	2578
	Watson, Claude R.	Mitchell	Coyote Springs Reservoir Canal	Irrig.		16	27	51	Sioux	Apr.	1	1936	2579
Union Creek, Big Blue R., West Fork	Fuchs, John	Stanton	Fuchs Pump	Irrig.		31	23	2E	Stanton	May	22	1936	2580
Beaver Creek	Steffegen, Mrs. Marie	Grafton	Budler Pump	Irrig.		8	8	3	Fillmore	June	16	1936	2581
Republican R.	Self, Irene	Omaha	Self Pump	Irrig.		20	19	5	Boone	June	19	1936	2582
Loup River, No.	Fisher, Marshall	Edison	Fisher Pump	Irrig.	.32	36	4	22	Furnas	June	23	1936	2583
	Janicek, Aldrich	Burwell	Janicek Pump	Irrig.		24	21	16	Garfield	June	24	1936	2584

‡Represents reservoir capacity alleged by applicant.

APPLICATIONS APPROVED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936—Continued

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Cedar River.....	Dobson, W. H.....	Cedar Rapids	Dobson Pump.....	Irrig.		23	19	8	Boone.....	July	6	1936	.....	2585
Logan Creek.....	Havekost, Bernard and Woodrow.....	Proper.....	Havekost Pump.....	Irrig.		33	20	8E	Dodge.....	July	10	1936	.....	2586
Wahoo Creek.....	Schiefelbein, F. J.....	Ithaca.....	Schiefelbein Pump.....	Irrig.		33	14	8E	Saunders.....	July	13	1936	.....	2587
Elkhorn River, North Fork and Dry Cr.....	Chilvers, C. H.....	Pierce.....	Chilvers Pump.....	Irrig.		9	26	2	Pierce.....	July	14	1936	.....	2588
						10	26	2						
						15	26	2						
Pebble Creek.....	Dahl, John W.....	Scribner.....	Dahl Pump.....	Irrig.		6	19	7E	Dodge.....	July	17	1936	.....	2589
Big Blue R.....	Chaloupka, Leonard.....	Wilber.....	Chaloupka Pump.....	Irrig.		10	6	4E	Saline.....	July	20	1936	.....	2590
Cedar River.....	Haggerty, John C.....	Spalding.....	Haggerty Pump.....	Irrig.		31	20	9	Greeley.....	July	20	1936	.....	2592
Big Blue R., West Fork.....	Morford, J. C.....	Beaver Crossing.....	Morford Pump.....	Irrig.		18	9	2E	Seward.....	July	21	1936	.....	2593
Papillion Drainage Ditch.....	Borman, Herman.....	Papillion.....	Borman-Peters Pump.....	Irrig.		17	11	12E	Sarpy.....	July	24	1936	.....	2594
Logan Creek.....	Meyer, Sophie H.....	Hooper.....	Meyer Pump.....	Irrig.		16	20	8E	Dodge.....	July	24	1936	.....	2595
Logan Creek.....	Schole, George H.....	Hooper.....	Schole Pump.....	Irrig.		32	20	8E	Dodge.....	July	24	1936	.....	2596
Elkhorn River, North Fork.....	Werner, John.....	Norfolk.....	Werner Pump.....	Irrig.		26	24	1	Madison.....	July	24	1936	.....	2597
Logan Creek.....														
Drainage Ditch.....	Uehling, Orville T.....	Uehling.....	Uehling Pump.....	Irrig.		3	20	8E	Dodge.....	July	25	1936	.....	2598
Logan Creek.....	Meyer, William J.....	Bancroft.....	Meyer Pump.....	Irrig.		26	24	7E	Cuming.....	July	27	1936	.....	2599
Big Blue R., West Fork.....	Gilmore, S.....	York.....	Gilmore Pump.....	Irrig.		7	9	1	York.....	July	27	1936	.....	2600
Big Blue R.....	Miller, A. W.....	Pickerel.....	Miller Pump.....	Irrig.		2	4	5E	Gage.....	July	29	1936	.....	2601
Elkhorn River, North Fork.....	Kolterman, Erwin.....	Pierce.....	Kolterman Pump.....	Irrig.		15	26	2	Pierce.....	July	30	1936	.....	2602

Shell Creek.....	Arndt, Edward.....	Platte Center	Arndt Pump.....	Irrig.		24	18	2	Platte.....	July	31	1936	.....	2603
Logan Creek (Oakland Drainage Ditch)	Kuhlman, John D. G. and Von Essen, Herman	Oakland.....	Von Essen Pump.....	Irrig.		14	21	8E	Burt.....	Aug.	1	1936	.....	2604
Nemaha R.....	City of Falls City.....	Falls City.....	City Supply.....	Dom.	4.63	22	1	16E	Richardson.....	Aug.	5	1936	.....	2605
Rawhide Cr.....	Cowles, S. C.....	Gridley, Kan.	Cowles Pump.....	Irrig.		17	16	10E	Douglas.....	Aug.	7	1936	.....	2606
Cottonwood, Lit.	Whitney Irrig. Dist.....	Crawford.....	Simmons Supply Canal	Storage	\$350AF	7	32	51	Dawes.....	Aug.	11	1936	.....	2607-S
			Blust Supply Canal.....	Storage	\$2000AF	7	32	51						
Dry Creek.....	Whitney Irrig. Dist.....	Crawford.....	Pilister Reservoir.....	Storage	\$380AF	15	33	51	Dawes.....	Aug.	11	1936	.....	2608-S
			Stewart Reservoir.....	Storage	\$700AF	15	33	51						
			Balwin Reservoir.....	Storage	\$340AF	15	33	51						
White River (See Dry Cr.)	Whitney Irrig. Dist.....	Crawford.....	Stewart Reservoir.....	Storage		26	32	52	Dawes.....	Aug.	11	1936	.....	2609-S
Elkhorn R. and Pebble Cr.....	Holst, Christ.....	Hooper.....	Holst Pump.....	Irrig.		4	19	7E	Dodge.....	Aug.	12	1936	.....	2610
						5	19	7E						
Elkhorn River, North Fork.....	Koehler, Walter.....	Osmoud.....	Koehler Pump.....	Irrig.		19	27	2	Pierce.....	Aug.	13	1936	.....	2611
Elkhorn River.....	McGuire, F. V.....	Wisner.....	McGuire Pump.....	Irrig.		32	24	4E	Cuming.....	Aug.	14	1936	.....	2612
Dog Creek.....	Beckman, John.....	Wayne.....	Beckman Pump.....	Irrig.		6	26	4E	Wayne.....	Aug.	14	1936	.....	2613
Big Blue R., West Fork.....	Kaliff, R. L.....	York.....	Kaliff Pump.....	Irrig.		25	9	3	York.....	Aug.	15	1936	.....	2614
						36	9	3						
Logan Creek.....	Hoegermeyer, Otto.....	Hooper.....	Hoegermeyer Pump.....	Irrig.		33	20	8E	Dodge.....	Aug.	17	1936	.....	2615
Bazille Creek.....	Dalton, Charles S.....	Niobrara.....	Dalton Pump.....	Irrig.		10	31	5	Knox.....	Aug.	17	1936	.....	2616
Cedar River.....	Kinnier, Susan, et al.....	Spalding.....	Kinnier Pump.....	Irrig.		28	20	9	Greeley.....	Aug.	17	1936	.....	2617
Mud Creek, Branch of.....	Beck, W. V.....	Broken Bow.....	Beck Pump.....	Irrig.		10	16	20	Custer.....	Aug.	19	1936	.....	2618
Taylor Creek.....	Lew, John.....	Madison.....	Lew Pump.....	Irrig.		25	22	2	Madison.....	Aug.	19	1936	.....	2619
Beaver (Mud) Creek.....	Perry, John J.....	Sweetwater.....	Perry Pump.....	Irrig.		3	12	15	Buffalo.....	Aug.	21	1936	.....	2620
Turkey Creek.....	Post, Walter A.....	Naponee.....	Post Pump.....	Irrig.		8	1	16	Franklin.....	Aug.	21	1936	.....	2621

†Represents reservoir capacity alleged by applicant.
"S" Supplemental to A-1603.

APPLICATIONS APPROVED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936—Concluded

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Turkey Creek...	Larick, Joseph A., et al	Franklin.....	Post Pump.....	Irrig.		8	1	16	Franklin.....	Aug.	21	1936	.....	2622
Niobrara R.....	Woodhouse, Earl.....	Gordon.....	Woodhouse Pump.....	Irrig.		17	31	41	Sheridan.....	Aug.	25	1936	.....	2623
Logan Creek.....	Golder, J. S.....	Oakland.....	Golder Pump.....	Irrig.		3	20	8E	Dodge.....	Aug.	26	1936	.....	2624
Walnut Creek...	Kimmel, R. P.....	Nebraska City.....	Kimmel Pump.....	Irrig.		36	9	13E	Ctoe.....	Aug.	27	1936	.....	2625
Big Blue R., West Fork.....	Semler, Emil F.....	Dorchester.....	Semler Pump.....	Irrig.		32	9	3E	Seward.....	Aug.	27	1936	.....	2626
Lost Creek.....	Ballou, James.....	Schuyler.....	Ballou Pump.....	Irrig.		29	17	3E	Colfax.....	Aug.	28	1936	.....	2628
Big Blue River	Morrill, Arthur C.....	Stromsburg.....	Morrill Pump.....	Irrig.		13	13	3	Polk.....	Aug.	28	1936	.....	2629
						7	13	2						
						17	13	2						
						18	13	2						
Elkhorn River...	Collins, John M.....	West Point.....	Collins Pump.....	Irrig.		22	22	6E	Cuming.....	Aug.	31	1936	.....	2630
Springs.....	Nye, Ellen.....	Plainview.....	Nye Reservoir.....	Storage	‡15AF	26	28	5	Antelope.....	Aug.	31	1936	.....	2631
Logan Creek.....	Novak, Victor.....	Pender.....	Novak Pump.....	Irrig.		36	25	6E	Thurston.....	Sept.	2	1936	.....	2632
Walnut Creek...	Raben, Harvey H.....	Nebraska City.....	Raben Pump.....	Irrig.		36	9	13E	Otoe.....	Sept.	3	1936	.....	2633
Big Blue R.....	Mares, Ed. J., et al	Wilber.....	Mares Pump.....	Irrig.		14	6	4E	Saline.....	Sept.	9	1936	.....	2636
Pebble Creek...	Vakiner Bros.....	West Point.....	Vakiner Pump.....	Irrig.		31	20	5E	Dodge.....	Sept.	9	1936	.....	2637

‡Represents reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS CANCELED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ash Creek	Eggers, C. M.	Lewellen	Eggers Reservoir	Storage		26	16	42	Garden	Oct.	11	1935	.....	2561
Big Blue River	Seward City Mills	Seward	Ruby Power Station	Power	40.00	15	10	3E	Seward	Apr.	17	1923	.....	1715
Big Blue River, West Fork	Bors, Joseph	McCool Junction	Bors Pump	Irrig.		36	9	3	York	June	4	1934	.....	2397
Big Blue River, West Fork	Znamenacek, Miles	Crete	Znamenacek Pump	Irrig.		4	8	4E	Saline	July	2	1934	.....	2415
Big Blue River, West Fork	Miller, Sam	Dorchester	Miller Pump	Irrig.		3	8	3E	Saline	July	24	1934	.....	2430
Boardman Cr.	Bachelor J. H.	Valentine	Boardman Canal	Irrig.	28.57	33	30	32	Cherry	Jan.	17	1912	.....	1155
Bordeaux, Big	Bright, C. H.	Chadron	Brighton Pump	Irrig.		24	33	48	Dawes	Jan.	21	1935	.....	2507
Chimney Creek	Swim, Charles C.	Springview	Swim Canal	Irrig.		24	33	23	Keya Paha	July	18	1934	.....	2431
Clear Creek	Fairchild, Fred M. and Robbins, H. A.	Lewellen	Harper Enlargement	Irrig.		32	16	41	Keith	Feb.	19	1935	.....	2514
Clear Creek	Fairchild, Fred M. and Robbins, H. A.	Lewellen	Scripter Enlargement	Irrig.		32	16	41	Keith	Feb.	19	1935	.....	2515
Country Club Lake	Nye, Ellen	Plainview	Nye Pump	Irrig.		26	28	5	Antelope	Feb.	6	1935	.....	2512
Dawson County Drainage Ditch	Baalhorn, Fred	Cozad	Baalhorn Pump	Irrig.		3	10	23	Dawson	Sept.	5	1931	.....	2234
Eagle Creek	Spinar, Frank J.	Red Bird	Spinar Canal	Irrig.		1	32	11	Holt	June	9	1934	.....	2404
Elkhorn River, North Fork	Iowa-Nebraska Light and Power Company	Lincoln	Cooling System	Mfg.	35.00	22	24	1	Madison	Feb.	21	1928	.....	1986
Ewing Spring	Ewing, W. E.	Franklin	Sprout Reservoir	Storage		30	2	14	Franklin	May	6	1935	.....	2547
Lake Creek	Jacobsen, Carl M.	St. Paul	Spring Lake Reservoir	Storage		25	15	10	Howard	Nov.	22	1934	.....	2497
Little Blue R.	Kasselbaum, William	Hebron	Kasselbaum Plant	Power	250.00	29	3	2E	Jefferson	Nov.	13	1923	.....	1726
Little Blue R.	Cassell, G. B.	Steele City	Cassell Pump	Irrig.		21	1	3E	Jefferson	May	16	1934	.....	2383
Little Blue R.	Woods, Lester D.	Ayr	Woods Pump	Irrig.		17	5	10	Adams	July	20	1934	.....	2433

CLAIMS AND APPLICATIONS CANCELED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936—Concluded

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Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provisional Grant In	Location of Headgate or Dam			Date of Priority			Doc. No.	App. No.
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Little Blue R.	Watts, Chas. E.	Edgar	Watts Pump	Irrig.		11	4	7	Nuckolls	Apr.	11	1935	2536
Loup River	Galley, Chas. B.	Columbus	Galley Pump	Irrig.		33	17	1E	Platte	May	29	1934	2388
Loup R., Mid.	Purdum, J. W.	Theford	Norway Canal	Irrig.	2.86	31	24	29	Thomas	Sept.	8	1894	199
Loup River, No.	Satterfield, Katherine	Taylor	Cole Pump Enlargement	Irrig.		20	21	18	Loup	Oct.	2	1934	2483
Loup River, No.	McGrew, Melvin	Burwell	McGrew Pump	Irrig.		21	21	16	Garfield	Jan.	12	1935	2504
Loup River, No.	Tully, John J., Estate of	Ord	Tully Pump	Irrig.		30	20	14	Valley	Mar.	8	1935	2524
Loup River, No.	Wetzel, Maggie M.	North Loup	Wetzel Pump	Irrig.		19	18	12	Greeley	Nov.	25	1935	2567
Methodist Cr.	Snyder, Ernest	Republican City	Snyder Pump	Irrig.		2	1	18	Harlan	Apr.	4	1935	2534
Nemaha River	Pella, Frank G.	Tecumseh	Pella Pump	Irrig.		14	5	10E	Johnson	July	28	1934	2448
Nemaha River	Heintz, Henry	St. Mary	Heintz Pump	Irrig.		9	5	10E	Johnson	Apr.	13	1935	2538
Niobrara River	Peters, H. A., et al.	Hay Springs	Hay Springs Canal	Irrig.	14.29	29	29	47	Dawes	Sept.	27	1895	173
Niobrara River	Potmesil Brothers	Dunlap	Potmesil Canal	Irrig.	6.00	26	29	48	Dawes	May	19	1904	757
Niobrara River	Wirth, Joseph F.	Verdel	Wirth Pump	Irrig.		22	32	8	Knox	June	12	1934	2407
Niobrara River	Nissen, Peter J.	Hay Springs	Nissen Pump	Irrig.	1.21	22	29	46	Sheridan	Jan.	11	1935	2503
North Platte R. and Tribs.	Morrill County Hydro- electric Company	Bayard	Morrill County Hydro- electric Plant	Power		13	21	54	Morrill	Jan.	23	1935	2508
Prairie Dog Cr.	Kanzelmeyer, Fred L.	Republican City	Kanzelmeyer Pump	Irrig.		17	1	17	Harlan	Mar.	22	1935	2529
Republican R.	Thompson, E. M.	Superior	Thompson Pump	Irrig.		34	1	7	Nuckolls	Mar.	8	1934	2367
Republican R.	Schramm, E. F.	Lincoln	Schramm Pump	Irrig.		17	1	8	Nuckolls	Dec.	3	1934	2408
Republican R.	Worden, Frank	Superior	Worden Pump No. 2	Irrig.		15	1	8	Nuckolls	Apr.	1	1935	2532
Republican R.	Blum, William	Alma	Blum Pump	Irrig.		31	2	18	Harlan	Apr.	30	1935	2544
Rock Creek	Wicker, Pearl D.	Springview	Wicker Dam	Irrig.		24	33	22	Keya Paha	July	25	1934	2443
Rose Creek	Fairchild Brothers	Endicott	Fairchild Pump	Irrig.		7	1	3E	Jefferson	July	9	1934	2419
Salt Creek	Village of Hickman	Hickman	Hickman Park Res.	Resort		33	8	17E	Lancaster	Apr.	2	1934	2371

REPORT OF THE STATE ENGINEER

Skull Creek.....	The Island Realty Co.	Grand Island	Skull Creek Dam.....	Irrig.	11 25 20	Rock.....	Aug.	14 1934	.....	2462
					14 25 20					
Swan Creek.....	Zimmerman, H. E.....	DeWitt.....	Zimmerman Pump.....	Irrig.	13 5 3E	Saline.....	Aug.	17 1934	.....	2465
Turkey Creek.....	Eurich, John.....	Friend.....	Eurich Pump.....	Irrig.	9 7 1E	Saline.....	June	2 1934	.....	2396
Turkey Creek.....	Mishler, W. C.....	Edison.....	Mishler Pump.....	Irrig.	25 5 22	Gosper.....	June	7 1934	.....	2401
Turkey Creek.....	Gabby, Joe and West, Bruce.....	Pawnee City.....	Gabby-West Pump.....	Irrig.	2 1 11E	Pawnee.....	June	8 1934	.....	2402
Turkey Creek.....	Psikal, Emil.....	Dorchester.....	Psikal Pump.....	Irrig.	34 8 2E	Saline.....	July	23 1934	.....	2437
Turkey Creek.....	Psikal, Joe.....	Dorchester.....	Psikal Pump.....	Irrig.	33 8 2E	Saline.....	July	31 1934	.....	2450
Turkey Creek.....	Jeffrey, George R.....	Santa Rosa.....	Jeffrey Pump.....	Irrig.	8 1 16	Franklin.....	Nov.	16 1934	.....	2494
White Tail Cr..	White Tail Public Power & Irrig. Dist..	Keystone.....	Keystone Reservoir.....	Storage	10 15 38	Keith.....	Sept.	11 1935	.....	2556
White Tail Cr..	White Tail Public Power & Irrig. Dist..	Keystone.....	White Tail Power Plant	Power	20.00 10 15 38	Keith.....	Sept.	11 1935	.....	2557

APPLICATIONS DISMISSED FROM NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936

Source	Name of Claimant	Post Office	Carrier	Use to which applied	Provis- ional Grant in Sec.-ft.	Location of Headgate or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Brown Canyon.	McClanahan, Ida.....	Scottsbluff...	McClanhan Pump.....	Irrig.		18	22	56	Scotts Bluff..	Feb.	28	1935	.....	2522
Cottonwood Big.	Clark, E. A.....	Bloomington	Clark Pump.....	Irrig.		36	2	16	Franklin.....	Mar.	12	1935	.....	2526
Drainage Ditch	Perkins, Hobart L.....	Mitchell.....	White Water Canal.....	Irrig.		18	23	55	Scotts Bluff..	Aug.	22	1934	.....	2468
Fox Creek.....	Nebraska School of Agriculture.....	Curtis.....	Nebraska Agriculture School Project.....	Irrig.		21	8	28	Frontier.....	July	27	1934	.....	2446
Gothenburg Power Waste (Platte River)	Janssen, R. E.....	Gothenburg..	Janssen Pump.....	O. D.	D-645a	10	11	25	Dawson.....	July	22	1933	.....	2337
Hat Creek.....	Wasserburger, Jacob...	Montrose.....	Wasserburger Project	Dom.		24	34	55	Sioux.....	May	2	1932	.....	2268
Hat Creek.....	Konrath, Theresa.....	Harrison.....	Konrath Project.....	Dom.		13	34	55	Sioux.....	May	2	1932	.....	2269
Loup River, No.	Satterfield, Katherine..	Taylor.....	Satterfield Reservoir...	Dom.		17	22	19	Loup.....	Oct.	2	1934	.....	2482
Medicine Creek	Towne, W. E.....	Maywood.....	Towne Pump.....	Irrig.		25	8	29	Frontier.....	Oct.	13	1934	.....	2487
North Platte R.	The Central Nebraska Public Power and Irrig. District.....	Hastings.....	Boxelder, Cottonwood and Snell Reservoirs...	Storage		32	13	30	Lincoln.....	Jan.	24	1934	.....	2358
North Platte R.	Platte Valley Public Power & Irrig. Dist..	North Platte.	Cedar Point Reservoir	Storage		2	14	38	Keith.....	May	11	1935	.....	2548
Pearl Creek.....	Armstrong, Josephine	Scottsbluff...	Pearl Creek Canal.....	Irrig.		21	22	54	Scotts Bluff..	Mar.	30	1935	.....	2531
Spring Creek.....	Coyner, S. C.....	Keystone.....	Coyner Canal.....	Irrig.		6	14	37	Keith.....	Apr.	21	1934	.....	2373

PERMITS ISSUED TO RELOCATE WATER DIVERSIONS NOVEMBER 30, 1934 TO SEPTEMBER 30, 1936

Appropriation Number Which Has Carrying Right	Stream	Claimant	Post Office	Old Location			Old Carrier	New Location			New Carrier	Amt.	Appropriation Number Which Covers the Land				
					S	T		R		S				T	R		
D-533 A-2484	Sow Belly Creek	Schaefer, N. J.	Harrison	NW ¼	SE ¼	7	32	55	Old Sow Belly Canal	NW ¼	NW ¼	8	32	55	Sow Belly Canal No. 2	1300 AF	A-2306*
A-42	White Clay Cr.	McDowell, Robert H.	Crawford	SW ¼	SE ¼	2	31	52	Cooper Canal	SW ¼	NE ¼	2	31	52	Cooper Canal	.05	A-42
D-479	Niobrara River	Iodence, Wm. M.	Hemingford	SW ¼	NE ¼	26	29	48	Potmesil Canal	SW ¼	NW ¼	27	29	48	Lichte Canal	.24	A-1152
A-1550	Beaver (Mud) Creek	C. B. & Q. R. R. Co.	Lincoln	NE ¼	SE ¼	8	12	14	C. B. & Q. Pipe Line	NE ¼	SE ¼	8	12	14	C. B. & Q. Pipe Line	1.00	A-1550

*One-third of appropriation will be diverted at the new diversion.

**IRRIGATED AREA BY COUNTIES
BASED ON ACREAGE REPORTS FILED IN 1936**

County	Acres	County	Acres	County	Acres
Adams	690	Frontier .....	.....	Nance .....	.....
Antelope .....	.....	Furnas	690	Nemaha .....	.....
Arthur .....	.....	Gage	360	Nuckolls	1515
Banner	310	Garden	26190	Otoe .....	.....
Blaine	1480	Garfield .....	.....	Pawnee .....	.....
Boone	236	Gosper .....	.....	Perkins .....	.....
Box Butte.....	1610	Grant .....	.....	Phelps .....	.....
Boyd	40	Greeley	150	Pierce .....	.....
Brown .....	.....	Hall	277	Platte	170
Buffalo	14120	Hamilton .....	.....	Polk .....	.....
Burt .....	.....	Harlan	560	Red Willow ...	3430
Butler .....	.....	Hayes	210	Richardson ...	.....
Cass .....	.....	Hitchcock	11950	Rock .....	.....
Cedar .....	.....	Holt	200	Saline	420
Chase	4515	Hooker .....	.....	Sarpy .....	.....
Cherry	1500	Howard	530	Saunders .....	.....
Cheyenne	2800	Jefferson	160	Scotts Bluff ..	222110
Clay	40	Johnson .....	.....	Seward	160
Colfax	90	Kearney .....	.....	Sheridan	1730
Cuming .....	.....	Keith	23780	Sherman	260
Custer	980	Keya Paha.....	140	Sioux	40740
Dakota .....	.....	Kimball	8290	Stanton .....	.....
Dawes	15195	Knox	10	Thayer	670
Dawson	164870	Lancaster .....	.....	Thomas	30
Deuel	1780	Lincoln	47730	Thurston .....	.....
Dixon .....	.....	Logan	20	Valley	160
Dodge .....	.....	Loup	255	Washington ...	.....
Douglas .....	.....	McPherson ...	.....	Wayne .....	.....
Dundy	3240	Madison .....	.....	Webster	295
Fillmore	25	Merrick .....	.....	Wheeler .....	.....
Franklin	355	Morrill	103480	York .....	.....
				Total.....*	710548

*Does not include large area irrigated in Buffalo and Hall Counties from wells.

WATER AND POWER DEVELOPMENT
in the
STATE OF NEBRASKA
Financed by
THE PUBLIC WORKS ADMINISTRATION
(By Power Division of PWA)

"The diorama" (which has been on exhibit in the State Capitol at Lincoln, cut of which appears on p. 387) "which this explanation is intended to accompany illustrates the comprehensive development of a large portion of the water resources of the State of Nebraska which is being financed by the Public Works Administration. The development includes irrigation works, hydroelectric generating systems and transmission lines necessary to transmit energy from the plants to load centers. Virtually all of the water in two important rivers will be put to work in this extensive utilization of one of Nebraska's natural resources.

"The diorama shows the hydroelectric generating systems, the major high voltage transmission system and the irrigation works to be built. Power and irrigation districts, political subdivisions of the State of Nebraska, are constructing the various parts of the complete project shown.

"The Central Nebraska Public Power and Irrigation District (PWA Docket 3400-R) will build the portion depicted in green. Starting at the extreme west (left side of the model) is found the Keystone Reservoir. The Keystone dam will be an earth dam 160 feet high and approximately 1- $\frac{1}{2}$ miles long. It will be the second largest earth dam in the world, being exceeded in size only by the Fort Peck dam. The reservoir will impound 2,000,000 acre-feet of water on the North Platte River, giving a storage capacity sufficient to assure the necessary supply of water for power and irrigation during the driest period on record.

"Passing eastward there is next seen a canal, reservoir and power house (red) included in the Platte Valley Power and Irrigation District project and described below. Immediately below the junction of the North Platte and South Platte Rivers the diversion dam shown in green indicates the point at which water is diverted into the power canal of the Central Nebraska Public Power and Irrigation District. The canal passes along the hills. Water falls through the Jeffrey Canyon power house (18,000 kw), enters a second portion of the canal, passes again along the hills and falls through the Johnson Canyon power house (36,000 kw). The water is then re-

turned to the Platte River. Immediately preceding each of the power houses there will be regulating reservoirs.

"Some distance below the point at which water from the tail race of the Johnson plant enters the river, it is diverted by a dam into an irrigation canal to the south of the river. The area south of the Platte River shown shaded in green indicates land which is to be irrigated from this canal (220,000 acres).

"The Tri-County project, as the project of the Central Nebraska is usually called, will also construct the transmission lines and substations shown in green. These lines, with those of the other districts, will form a high voltage (110 kv) transmission system which will transmit energy from the middle and western parts of the State to the load in the eastern part, in a reliable and efficient manner. A secondary transmission system of lower voltage (66 kv and 33 kv), which is to be constructed by the Tri-County project in the southern part of the State, is not shown.

"Returning to the Western end of the diorama a diversion dam is seen in the North Platte River a few miles east of the Keystone Dam. This diversion dam is the western end of the project of the Platte Valley Public Power and Irrigation District (PWA Docket 573) commonly known as the Sutherland project and shown in red on the diorama. Water is diverted by the dam into a canal, taken through a cut of 140 feet maximum depth (one of the deepest cuts in the United States), thence in a siphon under the South Platte River (the longest in the United States for a diameter of 17 feet), thence to the Sutherland storage reservoir (180,000 acre-feet capacity). From this reservoir water is released as needed to the regulating reservoir (8,000 acre-feet capacity) from which the water passes through the power house (25,000 kw) to the South Platte River a short distance west of the point where the North and South Platte Rivers meet to form the Platte River. The transmission lines shown in red are being constructed by the Sutherland project and, as in the case of the Tri-County project, form an integral part of the major transmission system.

"Water released from the Sutherland reservoir during the summer months will pass through the power house and will be used to irrigate 100,000 acres of land on the north side of the Platte River (shown in green shading, outlined in red).

"At the eastern end of the diorama is the project of the Loup River Public Power District (PWA Docket 665; shown in yellow) commonly known as the Columbus project. Water is diverted from the Loup River through a desilting basin and canal to the Monroe



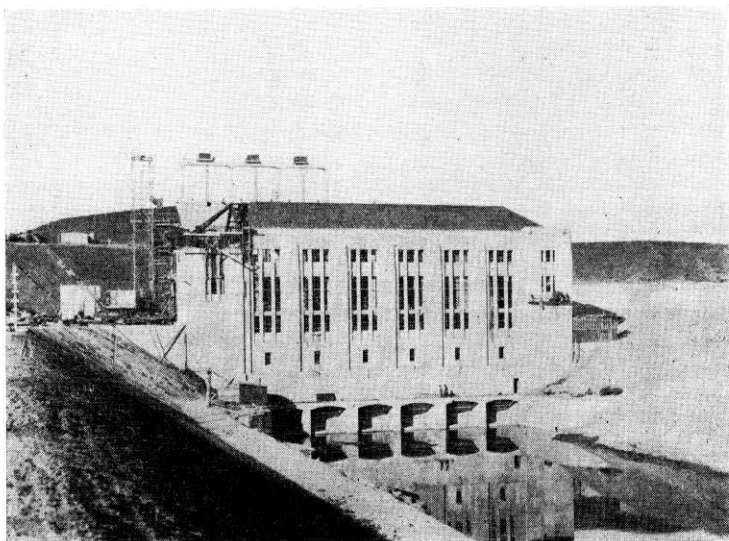
Diorama Which Has Been on Exhibit at the State Capitol

The frame for this exhibit is a cut-away model of an electric generator. In the center of this model is mounted a large relief map of the central portion of Nebraska. The Platte and Loup Rivers may be seen in this picture. The larger shaded areas appearing alongside the Platte and the Loup Rivers, represent lands to be irrigated under the various projects.

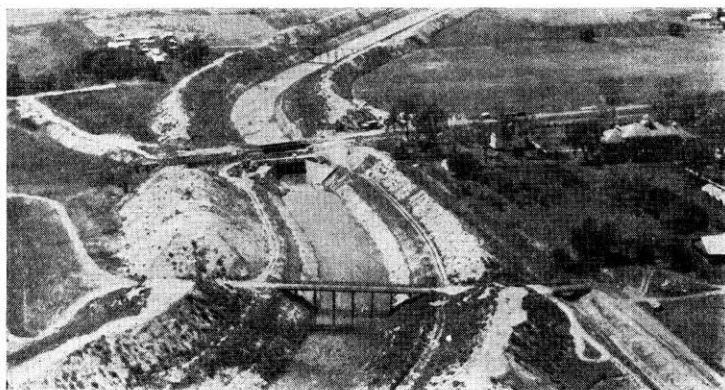
power house (7,250 kw), thence to a reservoir (Lake Babcock) with 4,000 acre-feet live storage. From the reservoir water is released as needed to the Columbus power house (42,000 kw) after which it returns to the Platte River immediately below the junction of the Loup and the Platte. The transmission lines to be constructed by the Columbus project (also shown in yellow) are an essential part of the major high voltage grid system. In addition to these transmission lines, the Columbus project will construct an extensive secondary transmission network (66 kv and 33 kv) blanketing the eastern portion of the state. These secondary lines are not shown on the model.

"About in the center of the model are seen two transmission lines, one shown in orange and one in blue, going northward from one of the transmission lines of the Tri-County project (green). The lines shown in orange are proposed construction of the Middle Loup Public Power and Irrigation District (PWA Docket 5055), and the line shown in blue is proposed by the North Loup Public Power and Irrigation District (PWA Docket 1751). Areas shaded in light green, along the Middle Loup and North Loup Rivers, show the territories which are proposed to be irrigated by the irrigation works contemplated in these two projects.

"The three major projects will have an initial installed capacity of 125,000 kw and a firm output of 500,000,000 kwh. Ultimately the installed capacity will be increased to more than 200,000 kw. The transmission system which will serve the three projects jointly has been extensively tested for stability under fault conditions. The lines have been located to minimize storm hazards wherever possible."



Power House of the Loup River Public Power District at Columbus.



Canal of Loup River Public Power District August 23, 1936

PUBLIC DISTRICTS ORGANIZED UNDER LAWS OF NEBRASKA, 1933. CHAPTER 86
(Senate File 310)
POWER, POWER & IRRIGATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting District		Area Proposed to be Re-claimed in Acres	Reservoir Capacity in Acre-feet
		Voting Precincts	County		
Almeria Public Power and Irrigation District	Almeria.....	Strohl	Loup	1,892	
Benkelman-Haigler-Arickaree Public Irrigation District	Haigler.....	Haigler, Parks, Benkelman, Indian, Max.....	Dundy	38,700	No. 1—45,000 No. 2— 1,500 No. 3—40,000
		Stratton, Union, Pleasant View .....				Hitchcock
Blue Creek Public Power and Irrigation District	Lewellen.....	Lonergan, Belmar	Keith	30,000	30,000
		Blue Creek, Lost Creek, Lisco	Garden		
		Eastwood	Morrill		
The Central Nebraska Public Power and Irrigation District	Hastings.....		Adams	500,000	2,000,000
			Phelps		
			Gosper		
			Kearney		
Imperial Valley Public Power and Irrigation District	Palisade.....	Village of Imperial, Pioneer, Fisher.....	Chase	23,544	12,622
		Palisade, Beverly, Pleasant Hill, Riverside, Culbertson, Blackwood	Hitchcock		
		Perry, Willow Grove, Valley Grange, Driftwood	Red Willow		
Loup River Public Power District	Columbus.....		Platte		11,000 (Regulating Reservoir)
Middle Loup Public Power and Irrigation District	Arcadia.....	Sargent, Comstock, Douglas Grove, Spring Creek, Myrtle	Custer	45,338	

		Geranium, Liberty, Arcadia, Yale.....	} Valley		
		Washington, West Logan, Webster, West Loup City, East Loup City, Clay, Austin		} Sherman	
North Loup River Public Power and Irrigation District	Ord.....	Rockford, Burwell Village.....	Garfield		38,000
		Taylor, Kent.....	Loup		
		Elyria, Ord Township, Ord City, North Loup.....	} Valley		
Platte Valley Public Power and Irrigation District	North Platte.....			Keith	125,000	200,000
			Lincoln		
			Dawson		
			Buffalo		
			Hall		
The Republican River Public Power and Irrigation District	Superior.....	Turkey Creek, Farmers, Oak Grove, Bloomington Franklin, Marion, Grant	} Franklin	50,000	60,000
		Inavale, Walnut Creek, Red Cloud, Line, Pleasant Hill, Garfield, Guide Rock		} Webster	
		Bostwick, Beaver, Garfield, Hardy	Nuckolls		
United Public Power and Irrigation District	Cambridge.....	Grant, Garfield	Frontier	13,000	34,000
		North Valley, East Valley	} Red Willow		
		Cambridge, Burton Bend, Arapahoe, Edison, Logan, Weaver		} Furnas	
White Tail Public Power and Irrigation District	Keystone.....	White Tail	Keith		7,000	21,000

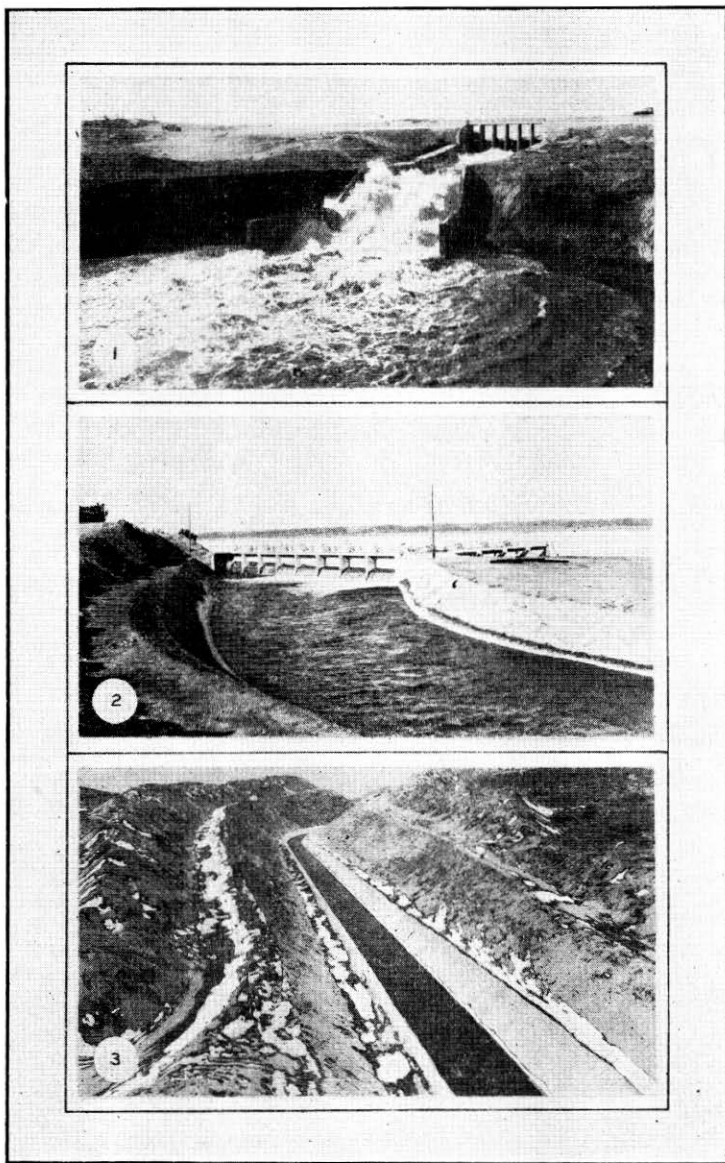
REPORT OF THE STATE ENGINEER

PUBLIC DISTRICTS ORGANIZED
UNDER LAWS OF NEBRASKA, 1933. CHAPTER 86

(Senate File 310)

RURAL ELECTRIFICATION DISTRICTS

Name of District	Head- quarters	Municipalities Constituting District	
		Voting Precincts	County
Burt County Rural Public Power District	Tekamah.....		Burt
Chimney Rock Public Power District	Bayard.....		Morrill
		Dewey, Field, Tabor, Highland, Castle Rock	Scotts Bluff
Cuming County Rural Public Power District	West Point.....		Cuming
Eastern Nebraska Public Power District	Lincoln.....		Richardson, Pawnee, Nemaha, Johnson, Cass, Otoe, Sarpy, Lancaster, Saunders
Gering Valley Rural Public Power District	Gering.....	Gering, exclusive of City of Gering, Roubadeau	Scotts Bluff
Howard County Rural Public Power District	St. Paul.....		Howard
Lancaster County Rural Public Power District	Walton.....		Lancaster, ex- clusive of City of Lincoln
McCook Public Power District	McCook.....	City of McCook.....	Red Willow
Norris Rural Public Power District	Wilber.....		Jefferson, Saline
Polk County Rural Public Power District	Swede Home.....		Polk
Roosevelt Rural Public Power District	Mitchell.....	Ford, Fanning, Kiowa, Mitchell, Funston..... Spotted Tail, Townsend, Roosevelt	Scotts Bluff
			Sioux
Southeastern Nebraska Public Power District	Beatrice.....		Gage
Southern Nebraska Rural Public Power District	Hastings.....		Adams, Kearney, Phelps



The Sutherland Project

1. Reservoir inlet.
2. Headgate of the supply canal.
3. Concrete lined section of the supply canal through the ridge between the North and South Platte Rivers.

DRAINAGE DISTRICTS

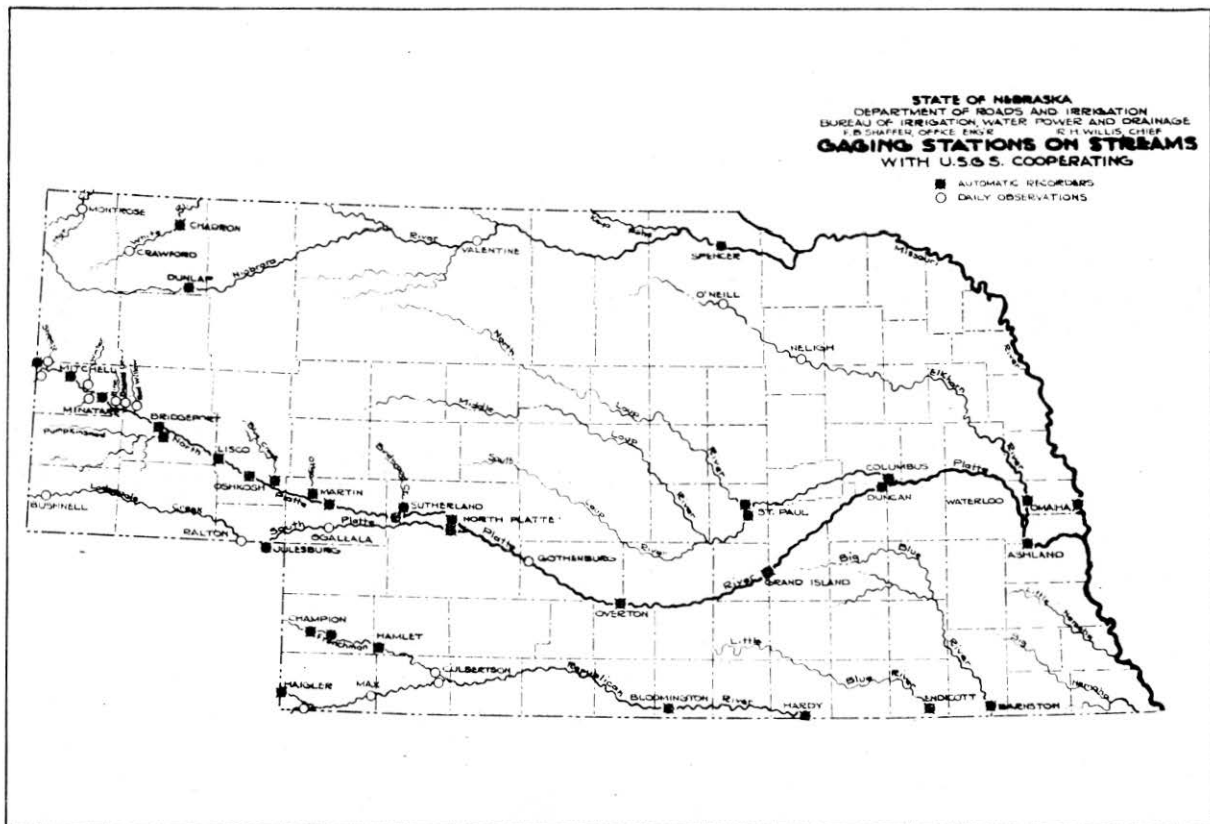
Below is a complete list of drainage districts of record in this Bureau:

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

County	Name of District	Date of Approval of Plans
Garden	Garden County Improvement and Drainage District No. 1. (Oshkosh Drainage District)	June 28, 1932
Knox	Frankfort Botton 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
Morril	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	Humbug 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

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**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.

DISTANCE FROM RESERVOIR:—About one-quarter 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, 1936.

NORTH PLATTE RIVER BELOW GUERNSEY DAM, WYOMING

LOCATION:—In Section 35, Township 27 North, Range 66 west, three quarters 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 PATHFINDER RESERVOIR:—192 miles.

DRAINAGE AREA:—16,200 square miles.

GAGE:—Slope gage on river bank.

RECORDER:—Friez 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, 1936.

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.

NORTH PLATTE RIVER AT WHALEN, WYOMING—Concluded

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

DISTANCE FROM PATHFINDER:—200 miles.

DRAINAGE AREA:—16,300 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 recorders on Interstate and Ft. Laramie Canals.

OBSERVER:—Observations made and discharge records furnished by the United States Bureau of Reclamation.

RECORDS AVAILABLE:—May 1, 1909, to September 30, 1936.

REMARKS:—Discharge records obtained by subtracting flow of Interstate and Ft. Laramie canals from flow below Guernsey 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 biennium.

NORTH PLATTE RIVER AT TORRINGTON, WYOMING

LOCATION:—At concrete highway bridge in Section 15, Township 24 North, Range 61 West, half a mile south of Torrington, and about 25 miles below mouth of Laramie River. Established April 1, 1926, 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:—21,700 square miles.

BENCH MARKS:—No. 1 is cross chiseled in concrete on down stream handrail 12 feet from south abutment. Elevation 18.12 feet. No. 2 is the heads of two spikes driven horizontally in blaze 0.5 of a foot above the base of a 12 inch cottonwood tree, 30 feet to the south and 80 feet downstream from south end of bridge. Elevation 7.70 feet. No. 3 is standard tablet in concrete post 130 feet below downstream concrete handrail and opposite station 60, also 73 feet north of northwest corner of swimming pool. Elevation 6.76 feet. Reference point is slot in brass screw in side of trap door stop. Elevation 8.58 feet.

GAGE:—Outside staff is a 0-6.7 enamel scale on 2x6 fastened to wingwall about 3 feet from gage well, and installed June 24, 1935.

RECORDER:—A Stevens Type A-27 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. Joiner, Torrington, Wyoming.

RECORDS AVAILABLE:—April 1, 1926, to September 30, 1936.

HIGHEST GAGE READING FOR SEASON:—4.65, June 1, 1935
1.37, June 7, 1936

LOWEST GAGE READING FOR SEASON:—0.13, April 23, 1935
0.04, April 12, 1936

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

Location:—1 and 1/8 inch steel cable in the NE $\frac{1}{4}$ of Section 10, Township 23 North, Range 60 West, a quarter of a 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 State Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 4035.00 feet above mean sea level.

DISTANCE FROM PATHFINDER:—240 miles.

DRAINAGE AREA:—22,100 square miles.

BENCH MARKS:—No. 1 is top of bolt in concrete on top of cable anchorage on south bank. Elevation 5.04 feet. No. 2 is standard tablet set in concrete post 25 feet northeast of shelter on north bank. Elevation 4.84 feet. Reference point is groove in screw in edge of recorder shelf. Elevation 9.52 feet.

GAGE:—Outside gage is boxed cantilever chain gage on north bank just below shelter. Chain length is 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, 1936.

HIGHEST GAGE READING FOR SEASON:—5.35, June 1, 1935
2.52, June 7, 1936

LOWEST GAGE READING FOR SEASON:—0.44, April 23, 1935
0.62, May 6, 1936

NORTH PLATTE RIVER AT MITCHELL

LOCATION:—Highway bridge near the southwest corner of Section 27, Township 23 North, Range 56 West, three-quarters of a mile south of Mitchell, and 14 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.

DISTANCE FROM PATHFINDER:—253 miles.

DRAINAGE AREA:—24,300 square miles.

BENCH MARKS:—No. 1 is 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 is the heads of two spikes driven horizontally in 18 inch cottonwood stump near base, 200 feet downstream from bridge, and ten feet from south bank. Elevation 7.15 feet. Reference point is top of steel plate fastened to top of recorder shelf at front edge, established May 10, 1935. Elevation 11.84 feet.

GAGE:—Outside staff gage, installed May 10, 1935, consisting of 0-6.7 enamel scales attached to a 4x6 fastened to downstream side of first pier from south end of bridge with three ½ inch bolts set in cement grout. Gage datum lowered 1.00 foot May 8, 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, 1936.

HIGHEST GAGE READING FOR SEASON:—4.51, June 1, 1935
2.50, June 7, 1936

LOWEST GAGE READING FOR SEASON:—
-0.02, September 26, 1935
0.81, May 21, 1936

NORTH PLATTE RIVER AT MINATARE

LOCATION:—In Section 13, Township 21 North, Range 54 West, 250 feet above highway bridge, 1-¾ 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 cross chiseled in concrete near corner of bridge ledge about one foot above floor level on upstream side

and at end of north abutment wingwall. Elevation 11.12 feet. No. 2 is standard tablet in concrete post, 23 feet downstream from bridge, at station 78. Elevation 3.69 feet. Adjustable reference point in edge of recorder shelf. Elevation 9.70 feet.

GAGE:—Outside gage is enamel scale 0-3.3 feet, 10 feet downstream, fastened to 2x8 timber 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, 1936, with the exception of the year 1920.

HIGHEST GAGE READING OF SEASON:—4.01, June 2, 1935
1.57, June 9, 1936

LOWEST GAGE READING FOR SEASON:—
0.25, August 2, 1935
0.07, May 22, 1936

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, half mile north of Bridgeport. Established in May, 1902. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—3656.14 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 head of two spikes driven horizontally in tree stump 16 feet downstream from station 38, at south end of bridge. Elevation 9.02 feet. No. 3 is cross on top of concrete abutment at south end of bridge. Elevation 15.62 feet. No. 4 is standard U. S. 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, 3666.32. Zero of gage is 3656.15 feet, sea level datum. Reference point is slot in screw head on face of recorder shelf. Elevation is 13.30 feet.

GAGE:—Outside vertical staff gage consisting of 3.3-6.7 section of enamel scale, and four one foot sections attached to 2x8, bolted to concrete on downstream side of south abutment of bridge.

NORTH PLATTE RIVER AT BRIDGEPORT—Concluded

RECORDER:—Stevens long distance recorder, 1917. Sender located in shelter on south bank of stream, 15 feet downstream from bridge. Shelter is attached to abutment wing of wood piling and planking. The receiver is located in the State Irrigation Building. Installed by the State of Nebraska. Also Stevens Type A-30 continuous recorder in shelter at river. Installed June 25, 1934, by the United States Geological Survey.

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

RECORDS AVAILABLE:—From May, 1902, to 1906, and 1915 to September 30, 1926.

HIGHEST GAGE READING FOR SEASON:—8.12, June 3, 1935
6.04, June 9, 1936

LOWEST GAGE READING FOR SEASON:—4.79, July 29, 1925
4.29, June 28, 1936

NORTH PLATTE RIVER AT LISCO

LOCATION:—Steel highway bridge, consisting of eight 80 foot spans, in Section 33, Township 18 North, Range 46 West, one-half mile south of Lisco. Established September 9, 1931. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 3540.00 feet above mean sea level.

DISTANCE FROM PATHFINDER:—321 miles.

DRAINAGE AREA:—26,900 square miles.

BENCH MARKS:—No. 1 is cross chiseled in concrete near corner of bridge seat at downstream end of south abutment. Elevation 8.86 feet. No. 2 is top of pier directly above top of staff gage. Elevation 8.84 feet. Reference point is slot in brass screw head in face of recorder shelf. Elevation 12.59 feet.

GAGE:—A vertical staff gage consisting of 0-6.7 feet enamel scale attached to downstream end of first concrete pier from south end of bridge.

RECORDER:—Stevens Type A-30 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 Commissioner during irrigation season.

RECORDS AVAILABLE:—April 10, 1916, to October 31, 1917,

and September 9, 1931, to September 30, 1936.

HIGHEST GAGE READING FOR SEASON:—3.57, June 3, 1935
2.04, June 10, 1936

LOWEST GAGE READING FOR SEASON:—0.60, July 29, 1935
0.52, May 27, 1936

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 $1\frac{1}{2}$ miles south of Oshkosh. Established March 1, 1928. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 3370.00 feet above mean sea level.

DISTANCE FROM PATHFINDER:—348 miles.

DRAINAGE AREA:—27,500 square miles.

BENCH MARKS:—No. 1 is top of reinforcing bar in north downstream corner of first pier from south bank. Elevation 9.22 feet. No. 2 is top of $\frac{5}{8}$ inch bolt set in top of south downstream bridge seat. Elevation 9.05 feet. Reference point is slot in screw head set in edge of recorder shelf. Elevation 13.20 feet.

GAGE:—Outside staff gage consisting of 0-6.7 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, 1936.

HIGHEST GAGE READING FOR SEASON:—3.97, June 3, 1935
2.15, June 11, 1936

LOWEST GAGE READING FOR SEASON:—0.66, July 29, 1935
0.55, June 1, 1936

NORTH PLATTE RIVER AT MARTIN

LOCATION:—Steel and concrete highway bridge consisting of fourteen 50 foot spans in Section 31, Township 15 North, Range 38 West, one mile south of Martin, a siding on the Union Pacific Railroad. Established November 20, 1933. Maintained by Nebraska and the United States Geological Survey under a cooperative agreement.

ELEVATION:—Approximately 3130.00 feet above mean sea level.

NORTH PLATTE RIVER AT MARTIN—Concluded

DISTANCE FROM PATHFINDER:—382 miles.

DRAINAGE AREA:—30,000 square miles.

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

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

RECORDER:—Stevens Type A-30 continuous recorder, installed November 20, 1933, by United States Geological Survey, in wooden 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, 1936.

HIGHEST GAGE READING FOR SEASON:—3.35, June 4, 1935
1.73, June 12, 1936

LOWEST GAGE READING FOR SEASON:—0.32, July 30, 1935
0.30, June 28, 1936

NORTH PLATTE RIVER AT SUTHERLAND

LOCATION:—At highway bridge in Section 4, Township 14 North, Range 33 West, three and one-half 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 downstream from north end of bridge. Elevation 9.17 feet. No. 2 is a cross chiseled in concrete ledge and painted red, at extreme end of downstream guardrail. Ledge is about $2\frac{1}{2}$ feet above bridge floor. Elevation 15.20 feet. Adjustable reference point on floor of shelter. Elevation 16.80 feet.

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

RECORDER:—Stevens Type A-35 recorder located at downstream end of fourth pier from the north bank, in galvanized iron pipe. Installed April 25, 1936, by the United States Geological Survey.

OBSERVER:—Water commissioner during irrigation season.

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

HIGHEST GAGE READING FOR SEASON:—4.02, May 9, 1936

LOWEST GAGE READING FOR SEASON:—2.41, July 9, 1936

NORTH PLATTE RIVER AT NORTH PLATTE

LOCATION:—Concrete highway bridge consisting of 14 spans, in Section 28, Township 13 North, Range 30 West, one-half mile north of the City of North Platte, and about four and one-half 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 top of nose of pier on upstream side of bridge, 360 feet from south end. Elevation 10.84 feet. No. 2 is top of bolt in bed plate in downstream end of south abutment. Elevation 10.42 feet. No. 3 is top of bed plate in downstream end of south abutment. Elevation 10.29 feet. No. 4 is top of bed plate, at south end, on downstream end of pier supporting gage shelter. Elevation 10.44 feet. Reference point is slot in head of screw in recorder shelf. Elevation 16.73 feet.

GAGE:—6.7 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, 1936.

HIGHEST GAGE READING FOR SEASON:—5.20, June 5, 1935
3.66, December 3, 1936, (open water)

LOWEST GAGE READING FOR SEASON:—1.99, August 17, 1935
2.19, July 7, 1936

SOUTH PLATTE RIVER AT JULESBURG

LOCATION:—On timber highway bridge with concrete floor, in Section 33, Township 12 North, Range 44 West, about one mile south of Julesburg, Colorado. On United States highway No. 51. The river is divided into four channels, numbered one, two, three, and

SOUTH PLATTE RIVER AT JULESBURG—Continued

four, beginning with the south channel. During the last six years channel number two has been the most important. Channel number one is silted and carries very little water. Channels three and four 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.

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 slot in screw head in shelter floor. 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.

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 86.57 feet.

Channel No. 4. No. 1 is a 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 shelter floor. Elevation 8.41 feet.

GAGES:—Channel No. 1. Cantilever chain gage four feet downstream from shelter, 17.58 feet long.

Channel No. 2. Cantilever chain gage 16.13 feet long, 6 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 number three, 17.28 feet long.

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

RECORDERS:—Channel No. 1. A six inch Stevens Type L recorder in small wooden shelter about 300 feet downstream from highway bridge on south bank of channel number one.

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

Channel No. 3. No recorder.

Channel No. 4. A six inch Stevens Type L automatic recorder

in wooden shelter on north bank of channel number four about 500 feet downstream from highway bridge.

OBSERVER:—Arlan Luxa, Julesburg, Colorado.

RECORDS AVAILABLE:—April, 1902, to November 14, 1906; May 12, 1908, to September 30, 1914; January 1, 1923, to September 30, 1936.

SOUTH PLATTE RIVER AT OGALLALA

LOCATION:—On highway bridge in Section 6, Township 13 North, Range 38 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 chisel mark on pier opposite 6 foot mark of gage. Elevation 6.00 feet.

GAGE:—Enamel scale 0-6.7 attached to 2x6 plank fastened to downstream end of fifth pier from north end of bridge.

RECORDER:—None.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—Miscellaneous measurements, 1924 to 1936. Daily discharge during calendar year 1923 only.

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, three-fourths of a 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 2798.40 feet above mean sea level.

DRAINAGE AREA:—24,300 square miles.

BENCH MARKS:—No. 1 is standard bronze tablet set in a four foot concrete post on the south bank, 35 feet back of the bank and 15 feet down stream from the gage. Elevation 11.65 feet.

GAGE:—To provide for the possibility of the channel changing from one side of the stream to the other, a 16 foot staff gage was placed on each side of the river during October, 1934. Weather Bureau staff gages (0-10 foot enamel scale marked in feet and tenths of foot) were mounted on 4"x6"x10' 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

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SOUTH PLATTE RIVER AT NORTH PLATTE—Concluded

the same elevation. Additional staff gages reading from 10-16 feet were mounted on 4"x6"x6' timbers bolted to downstream sides of each abutment.

RECORDER:—None.

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

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

HIGHEST GAGE READING FOR SEASON:—6.10, June 3, 1935.
2.50, February 28, 1936.

LOWEST GAGE READING FOR SEASON:—0.00, August, 9, 1935.
0.00, July 14, 1936.

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, four miles south of Overton. Established in June, 1918. 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:—58,400 square miles.

BENCH MARKS:—No. 1 is top of concrete guardrail on upstream side at north end of bridge. Elevation 14.28 feet. No. 2 is top of concrete guardrail on downstream side at south end of bridge. Elevation 14.32 feet. No. 3 is cross on curb on upstream side at north end of bridge. Elevation 12.06 feet. No. 4 is two 6d spikes driven horizontally in base of a six inch cottonwood tree, 10 feet south and 5 feet east from shelter. Elevation 6.42 feet. Reference point is slot in screw head in face of recorder shelf. Elevation 10.34 feet.

GAGE:—Enamel scale gage 0-6.7 attached to down stream end on first pier from north 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:—E. D. Long, Overton.

RECORDS AVAILABLE:—June, 1918, to September 30, 1936, with the exception of the year 1924.

HIGHEST GAGE READING FOR SEASON:—6.25, June 5, 1935.
3.31, May 11, 1936.

LOWEST GAGE READING FOR SEASON:—
1.47, July 20 to August 27, 1935.
0.13, September 20, 1936.

PLATTE RIVER AT GRAND ISLAND

LOCATION:—Bridge on Highway No. 2, in Section 36, Township 11 North, Range 9 West, five 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.

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

GAGE:—Chain gage 17.77 feet long on the upstream handrail of bridge. An electric tape gage is used to read water surface in ground-water casing.

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, 1936.

HIGHEST GAGE READING FOR SEASON:—5.99, June 6, 1935.
5.45, March 2, 1936.

LOWEST GAGE READING FOR SEASON:—
0.43, August 21, 1935.
0.34, September 6, 1936.

PLATTE RIVER AT DUNCAN

LOCATION:—Concrete highway bridge consisting of eighteen 50 foot spans, in Section 12, Township 16 North, Range 2 West, one and one-half 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 top of old engine valve set flush with top of first pier from north end, near upstream point. Eleva-

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PLATTE RIVER AT DUNCAN—Concluded

tion 12.80 feet. No. 2 is standard bronze tablet in four foot concrete post located behind middle of north downstream wingwall. Elevation 10.07 feet. Reference point is slot in screw in edge of recorder shelf. Elevation 13.98 feet.

GAGE:—Enamel scale 0-10 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:—None.

RECORDS AVAILABLE:—From October, 1928, to September 30, 1936.

HIGHEST GAGE READING FOR SEASON:—6.28, June 7, 1935.
4.77, March 5, 1936.

LOWEST GAGE READING FOR SEASON:—
-0.40, August 22, 1935.
-0.23, October 21, 1935.

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, three 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 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.

RECORDS AVAILABLE:—August, 1928, to September 30, 1936.

HIGHEST GAGE READING FOR SEASON:—7.29, June 8, 1935.
8.33, March 5, 1936.

LOWEST GAGE READING FOR SEASON:—
0.69, August 22, 1935.
0.81, July 29, 1936.

ARIKAREE RIVER NEAR HAIGLER

LOCATION:—In Section 28, Township 1 North, Range 41 West.

DRAINAGE AREA:—3243.45 square miles.

BENCH MARKS:—No. 1 is 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 13.02 feet.

GAGE:—The flood of May 31, 1935, destroyed the old gage. On June 5, 1935, a vertical staff gage was attached to short 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 0-6.7 foot enamel scale.

OBSERVATIONS:—Made twice daily by David A. Roach.

RECORDS AVAILABLE:—March, 1932, to September 30, 1936.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD

LOCATION:—West quarter corner of section 4, Township 20 North, Range 52 West.

BENCH MARKS:—No. 1 is cross in top of concrete wingwall directly above gage. Elevation 5.48 feet.

GAGE:—Staff gage consisting of 0-3.3 enamel scale mounted on a 2x6 plank fastened with two 5/16 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 C. Fox.

RECORDS AVAILABLE:—October, 1931, to September 30, 1936.

BIRDWOOD CREEK NEAR HERSHEY

LOCATION:—In Section 2, Township 14 North, Range 33 West.

DRAINAGE AREA:—286 square miles.

BENCH MARKS:—No. 1 is standard bronze tablet in four foot

BIRDWOOD CREEK NEAR HERSHEY—Concluded

concrete post located nine feet downstream and three feet to the east of the recorder shelter. Elevation 8.78 feet.

GAGE:—Stevens Type E recorder in small timber shelter at east bank, fourteen feet back of east abutment and nine 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.

RECORDS AVAILABLE:—January, 1922, to September 30, 1936.

BLUE CREEK NEAR LEWELLEN

LOCATION:—North Line of Section 30, Township 16 North, Range 42 West.

DRAINAGE AREA:—267 square miles.

BENCH MARKS:—No. 1 is top of $\frac{3}{8}$ inch bolt driven horizontally in 18 inch cottonwood located 12 feet upstream from east end of bridge, and 8 feet east from bank, elevation 4.66 feet. No. 2 is bronze tablet set in concrete, 60 feet east of shelter. Elevation 4.28 feet.

GAGE:—Stevens Type E 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 7.43 feet above the datum of the staff gage used previously. A cantilever chain gage is fastened to the upstream side of the shelter.

RECORDS AVAILABLE:—January, 1921, to September 30, 1936.

LITTLE BLUE RIVER AT ENDICOTT

LOCATION:—In Section 5, Township 1 North, Range 3 East.

DRAINAGE AREA:—2,590 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 9.01 feet. No. 2 is bronze tablet set in concrete post 20 feet in front and 5 feet downstream from shelter. Elevation 10.54 feet. The gage datum was lowered 1.00 foot June 20, 1934.

GAGE:—Stevens E 8 day recorder installed July 31, 1930, by the United States Geological Survey. This was replaced by a Stevens Type A-35 recorder. Referred to inside tape gage, reference point for which is slot in screw in recorder shelf. Elevation 18.57. Out-

side gage is chain gage fastened to downstream guardrail of highway bridge. Chain length, 16.21 feet.

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

BIG BLUE RIVER AT BARNSTON

LOCATION:—In Section 13, Township 1 North, Range 7 East.

DRAINAGE AREA:—4,350 square miles.

BENCH MARKS:—No. 1 is fourth rivet (Marked with chisel) from downstream end in cross brace between east cylinder piers. Elevation 19.72 feet. No. 2 is top of $\frac{3}{8}$ 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 19.51 feet. No. 3 is 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, 39.84 feet.

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

ELKHORN RIVER AT NELIGH

LOCATION:—In Section 20, Township 25 North, Range 6 West.

DRAINAGE AREA:—1,740 square miles.

BENCH MARKS:—No. 1 is top of river end of steel sheathing 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 surrounded by circle of red paint. Elevation 13.30 feet. No. 3 is standard bronze tablet in 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 2"x6"x14' plank bolted to handrail of bridge; enamel scale reads from 0-10 feet. Length 23.34 feet. Gage installed April 16, 1933, to replace staff gage used previously.

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

RECORDS AVAILABLE:—March, 1931, to September 30, 1936.

ELKHORN RIVER AT WATERLOO

LOCATION:—In Section 10, Township 15 North, Range 10 East.

ELEVATION:—1110.1 feet above mean sea level.

DRAINAGE AREA:—6390 square miles.

BENCH MARKS:—No. 1 is cross on outer corner of south downstream wingwall, elevation 17.61 feet. No. 2 is standard bronze tablet set in concrete post located fourteen feet downstream, and 47 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 15.62 feet. Outside gage is chain gage on bridge used previously. Length 21.96 feet.

RECORDS AVAILABLE:—May, 1911, to July, 1913; August, 1928, to September 30, 1936.

FRENCHMAN RIVER ABOVE CHAMPION

LOCATION:—Section 19, Township 6 North, Range 39 West.

DRAINAGE AREA:—1020 square miles.

BENCH MARKS:—No. 1 is standard bronze tablet set in concrete post, 28 feet downstream from gage shelter, 25 feet back of north bank. Elevation 6.00 feet.

GAGE:—Stevens Type A-30 recorder in small wooden shelter, 100 yards below highway. Installed by the United States Geological Survey. Outside gage is cantilever chain gage, 5 feet upstream, length 11.71 feet.

RECORDS AVAILABLE:—January, 1924, to September 30, 1936.

FRENCHMAN RIVER BELOW CHAMPION

LOCATION:—In SW $\frac{1}{4}$ of Section 22, Township 6 North, Range 39 West.

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 6.68 feet.

GAGE:—Stevens E recorder in small wooden shelter about $\frac{3}{4}$ mile east of Champion. Installed by the United States Geological Survey. Reference point for inside gage is top of steel plate fastened horizontally to top of recorder shelf at edge of trap door. Elevation

7.62 feet. Outside gage is cantilever chain gage four feet downstream from gage house. Chain length 15.82 feet.

RECORDS AVAILABLE:—March 2, 1935, to September 30, 1936.

FRENCHMAN RIVER NEAR HAMLET

LOCATION:—In Section 19, Township 5 North, Range 34 West.

ELEVATION:—2798.93 feet.

DRAINAGE AREA:—1420 square miles.

BENCH MARKS:—No. 1 is two nails driven horizontally in downstream pile of second bent from south bank on railroad bridge, 65 feet upstream. Nails 1.4 feet above the ground. Elevation 8.19 feet. No. 2 is standard U.S.G.S. reference tablet in concrete post, 30 feet downstream and in line with front edge of recorder shelter on north bank. Elevation 7.79 feet. Elevation of gage zero is 2798.43 feet above mean sea level.

GAGE:—Stevens Type A-30 recorder in standard wooden shelter. Installed by the United States Geological Survey. Referred to inside tape gage, reference point for which is slot in screw in side of recorder shelf. Elevation 12.07 feet. Outside gage is enamel scale 0-10 feet, attached to downstream pile bent at south side of bridge.

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

FRENCHMAN RIVER AT CULBERTSON

LOCATION:—In Section 17, Township 3 North, Range 31 West.

ELEVATION:—2561.93 feet above mean sea level.

DRAINAGE AREA:—2800 square miles.

BENCH MARKS:—No. 1 is standard bronze tablet set in concrete post $5\frac{1}{2}$ 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 0-3.3) 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. Tigner.

RECORDS AVAILABLE:—January, 1922, to September 30, 1936.

GERING DRAIN NEAR GERING

LOCATION:—East line of Section 6, Township 21 North, Range 54 West.

BENCH MARKS:—No. 1, destroyed. No. 2 is heads of two spikes driven horizontally in pile cap at east abutment near downstream

GERING DRAIN NEAR GERING—Concluded

end. Elevation 10.50 feet. No. 3 is standard tablet in concrete post 72 feet from east end and two feet upstream from upstream handrail. Elevation 10.18 feet.

GAGE:—Chain gage on downstream handrail of pile-bent bridge at stations 34.5. Box and 0-10.1 foot scale mounted on 2"x8"x14' plank fastened to wooden handrail by ten $\frac{3}{8}$ " bolts. Chain length 17.07 feet.

OBSERVATIONS:—Made twice daily by Ruben Funk.

RECORDS AVAILABLE:—January, 1923, to September 30, 1936.

HORSE CREEK NEAR LYMAN

LOCATION:—In Section 25, Township 23 North, Range 58 West.

DRAINAGE AREA:—1860 square miles.

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

GAGE:—Staff consisting of 0-6.7 enamel scale fastened to an 8x8 piling five feet upstream from Station 20, and 15 feet below center line of siphon.

OBSERVATIONS:—Made twice daily by Alberta Phinney.

RECORDS AVAILABLE:—January, 1921, to September 30, 1936.

LODGEPOLE CREEK AT BUSHNELL

LOCATION:—In Section 33, Township 15 North, Range 57 West.

DRAINAGE AREA:—1090 square miles.

BENCH MARKS:—No. 1 is cross cut in top of north upstream wingwall, elevation 3.79 feet.

GAGE:—Staff gage 0-3.3 fastened on south vertical wall of concrete flume, 3 feet from upstream end of wall.

OBSERVATIONS:—Made twice daily by Walter Frank.

RECORDS AVAILABLE:—January, 1924, to September 30, 1936.

LOUP RIVER AT COLUMBUS

LOCATION:—In Section 29, Township 17 North, Range 1 East.

DRAINAGE AREA:—14,200 square miles.

BENCH MARKS:—No. 5 is standard bronze tablet set in concrete post located 7 feet upstream from shelter and 8 feet back of east bank. Elevation 6.05 feet. Gage datum 1438.34 feet above mean sea level.

GAGE:—Stevens A-30 recorder in groundwater well located 12 feet back from east bank. Installed by the United States Geological Survey. Charts set by adjustable reference point in edge of recorder shelf. Elevation 9.59 feet. On May 19, 1936, the cantilever chain gage, 19.82 feet long, was relocated on the bridge.

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

RECORDS AVAILABLE:—November 22, 1933, to September 30, 1936.

MIDDLE LOUP RIVER AT ST. PAUL

LOCATION:—In Section 10, Township 14 North, Range 10 West.

ELEVATION:—1778.41 feet above mean sea level.

DRAINAGE AREA:—7320 square miles.

BENCH MARKS:—No. 1 is cross in outer corner of bed plate on downstream side of north abutment of highway bridge, elevation 13.23 feet. No. 2 is standard bronze plug in top of pipe, located 15 feet northeast of south downstream wingwall. Elevation 7.41 feet. No. 3 is standard bronze tablet set in top of concrete post located 48 feet in front of shelter and in line with upstream side. Elevation 7.45 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 11.79 feet. Outside gage is cantilever chain gage six feet downstream from shelter.

RECORDS AVAILABLE:—May, 1895, to October, 1897; April to October, 1899; April to November, 1903; August, 1928, to September 30, 1936.

NORTH LOUP RIVER NEAR ST. PAUL

LOCATION:—In Section 22, Township 15 North, Range 10 West.

DRAINAGE AREA:—4040 square miles.

BENCH MARKS:—No. 1 is 2 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 cross filed in head of rivet at north downstream corner of south abutment. Elevation 12.42 feet. No. 3 is bronze tablet set in concrete post located 54 feet back of recorder shelter and five feet upstream. Elevation 5.86 feet.

NORTH LOUP RIVER NEAR ST. PAUL—Concluded

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 12.08 feet. Outside gage is chain gage on bridge. Chain length 15.05 feet.

RECORDS AVAILABLE:—May, 1895, to October, 1897; April to October, 1899; April to December, 1903; August, 1928, to September 30, 1936.

NINE MILE DRAIN

LOCATION:—Northwest corner of Section 25, Township 21 North, Range 53 West.

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

GAGE:—Staff gage consisting of 0-6.7 enamel scale fastened to piling supporting wingwall at upstream end of west abutment.

OBSERVATIONS:—Made twice daily by Fred Hardt.

RECORDS AVAILABLE:—January, 1919, to September 30, 1936.

NIOBRARA RIVER AT DUNLAP

LOCATION:—On line between Sections 26 and 27, Township 29 North, Range 48 West.

DRAINAGE AREA:—1550 square miles.

BENCH MARKS:—No. 1 is 60 d. spike driven horizontally in root of fifth willow tree on south bank, 60 feet downstream from bridge, and 30 feet from edge of bank. Spike is on upstream side of tree about 18 inches above the ground. Elevation 12.60 feet.

GAGE:—Staff gage (enamel scale 0-6.7) fastened to downstream end of third pile bent from north end.

OBSERVATIONS:—Made twice daily by Mrs. Bina Wegryzn.

RECORDS AVAILABLE:—January, 1924, to September 30, 1936.

OTTER CREEK NEAR LEMOYNE

LOCATION:—In SE $\frac{1}{4}$ of Section 5, Township 15 North, Range 40 West.

DRAINAGE AREA:—12 square miles.

BENCH MARKS:—No. 1 is bronze tablet set in concrete post 48 feet due north of shelter. Elevation 7.99 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 6.84 feet. A cantilever chain gage (length 10.35 feet) is located 8 feet downstream.

RECORDS AVAILABLE:—From January, 1922, to June 26, 1934, for station in Section 9; from June, 1934, to September 30, 1936, in Section 5.

PUMPKINSEED CREEK NEAR BRIDGEPORT

LOCATION:—In Section 12, Township 19 North, Range 50 West.

DRAINAGE AREA:—1080 square miles.

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

GAGE:—Steven E recorder in small wooden shelter constructed at previous site June, 1934. Installed by the United States Geological Survey. Moved to present site May 18, 1936. Inside gage is adjustable reference point. Elevation 9.75 feet. Outside gage is staff consisting of 0-5 feet enamel scale fastened to downstream piling in first bent from east end of bridge.

RECORDS AVAILABLE:—January, 1922, to September 30, 1936.

RED WILLOW CREEK NEAR BAYARD

LOCATION:—Southwest corner of Section 7, Township 20 North, Range 51 West.

BENCH MARKS:—No. 1 is the heads of two spikes driven horizontally in east side at base of stump of eight inch cottonwood, 50 feet to west and 30 feet downstream from bridge. Elevation 5.50 feet. No. 2 is the head of $\frac{3}{8}$ inch lag screw driven horizontally in piling to which gage is fastened. Elevation 3.00 feet. No. 3 is standard tablet in concrete post 10 feet to east and 14 feet downstream from bridge. Elevation 6.62 feet.

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

OBSERVATIONS:—Made twice daily by O. D. Anstey.

RECORDS AVAILABLE:—February, 1932, to September 30, 1936.

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE

LOCATION:—In Section 10, Township 1 North, Range 42 West.

DRAINAGE AREA:—395 square miles.

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE—Concluded

BENCH MARKS:—No. 1 is 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 south bank. Installed by the United States Geological Survey. Chart set by tape and weight referred to slot in screw in edge of recorder shelf. Elevation 8.63 feet. Outside gage is cantilever chain located nearby.

RECORDS AVAILABLE:—March, 1926, to September 30, 1936.

REPUBLICAN RIVER AT MAX

LOCATION:—In Section 32, Township 2 North, Range 36 West.

ELEVATION:—2877.34 feet above mean sea level.

DRAINAGE AREA:—6220 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 100 feet north of bridge. Elevation 8.62 feet. No. 2 is 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 8.90 feet.

GAGE:—Owing to the shifting character of this stream, a staff gage is maintained near either end of the highway bridge and referred to the same datum. One is a scale (0-6.7) on downstream end of third pile bent from north abutment, and the other is a scale (0-6.7) on downstream end of fourth pile bent from the south 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, 1928, to September 30, 1936.

REPUBLICAN RIVER AT CULBERTSON

LOCATION:—In NE $\frac{1}{4}$ corner of Section 17 and Section 20, Township 3 North, Range 31 West.

DRAINAGE AREA:—8790 square miles.

BENCH MARKS:—No. 1 is 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) enamel scale fastened to downstream side of 13th pile of bridge over main channel. Second gage

(3.36-6.74) enamel scale fastened to downstream side of 2nd pile from north bank on second pile-bent bridge. Third gage (3.36-6.74) enamel scale fastened to downstream side of 7th pile from north bank on third pile-bent 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, 1936.

REPUBLICAN RIVER NEAR BLOOMINGTON

LOCATION:—In Section 8, Township 1 North, Range 15 West.

DRAINAGE AREA:—19,000 square miles.

BENCH MARKS:—No. 2 is head of 40 d. 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 standard bronze tablet set in concrete post, located on north bank 39 feet downstream from first downstream pier, and 10 feet toward river; it is also 66 feet from second downstream pier and 35 feet from river bank. Elevation 17.31 feet.

GAGE:—Chain gage bolted to 4"x6" timber fastened to bridge floor at downstream side. There are two markers—one, 25.97 feet from end of weight, and other, 15.97 feet. Datum of gage was lowered 1.00 foot April 13, 1935.

OBSERVATIONS:—Made twice daily by Lola A. Weideman.

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

REPUBLICAN RIVER NEAR HARDY

LOCATION:—Section 6, Township 1 South, Range 5 West.

ELEVATION:—1501.46 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 by the United States Geological Survey. Reference point is

REPUBLICAN RIVER NEAR HARDY—Concluded

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.

OBSERVATIONS:—Made twice daily by E. A. Myler.

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

SHEEP CREEK NEAR MORRILL

LOCATION:—West quarter corner of Section 16, Township 23 North, Range 57 West.

BENCH MARKS:—No. 1 is point marked with paint, also file mark, on under side of steel girder at Station 7 directly above gage. Elevation 6.70 feet.

GAGE:—Staff gage consisting of 0-6.7 enamel scale mounted on a 2x6 driven in bed of stream at east bank directly underneath downstream side of highway bridge.

OBSERVATION:—Made twice daily by Manford Travis.

RECORDS AVAILABLE:—April, 1919, to September 30, 1936.

WHITE RIVER NEAR CHADRON

LOCATION:—In Section 18, Township 33 North, Range 49 West.

DRAINAGE AREA:—750 square miles.

BENCH MARKS:—No. 1 is 60 d. 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 tablet set in concrete post located 10 feet downstream from shelter and 35 feet back from west bank. Elevation 22.06 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 shelf. Elevation 21.59 feet. Outside gage is chain on upstream handrail of bridge. Length 24.10 feet.

RECORDS AVAILABLE:—April, 1924, to September 30, 1936.

WHITE RIVER AT CRAWFORD

LOCATION:—Section 9, Township 31 North, Range 52 West.

DRAINAGE AREA:—295 square miles.

BENCH MARKS:—No. 1 is 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 23.65 feet.

OBSERVATIONS:—Made twice daily by Howard C. Dallam.

RECORDS AVAILABLE:—January, 1924, to December, 1928, and February, 1931, to September 30, 1936.

WINTERS CREEK NEAR SCOTTSBLUFF

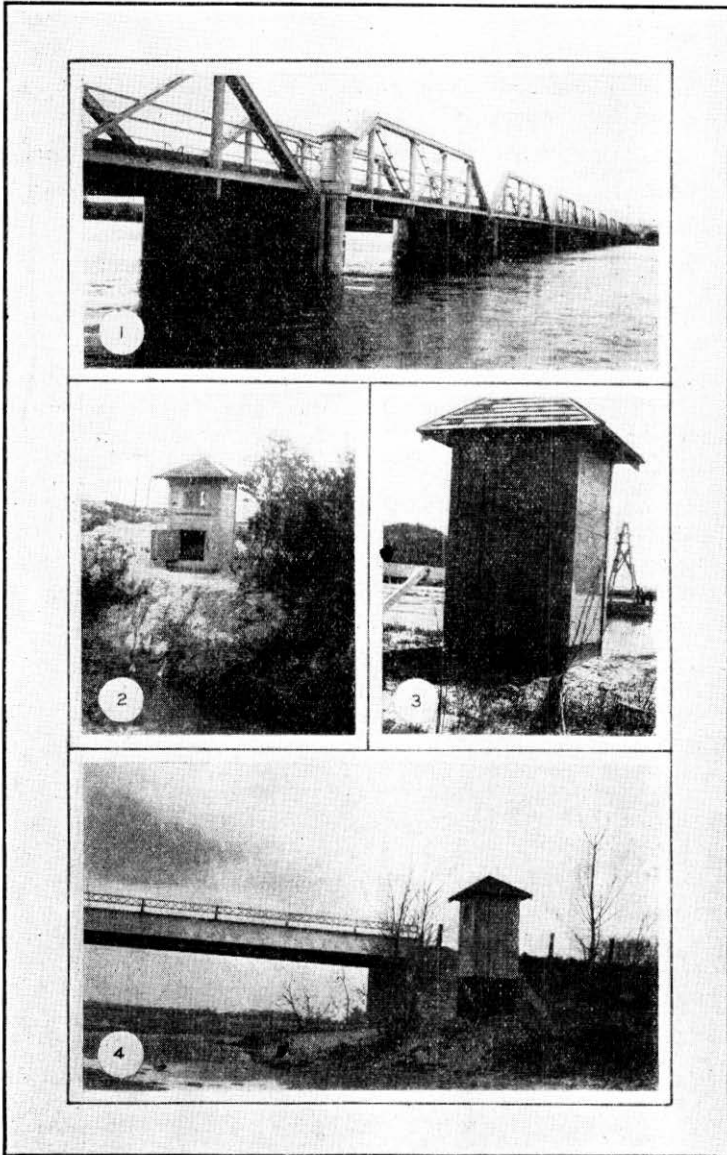
LOCATION:—South quarter corner of Section 19, Township 22 North, Range 54 West.

BENCH MARKS:—No. 1 is cross chiseled in top of concrete head-wall above gage. Elevation 5.89 feet. No. 2 is cross chiseled in concrete in upstream corner of west abutment of highway bridge. Elevation 6.77 feet.

GAGE:—Staff gage consisting of 0-3.3 enamel scale fastened to 2x6 plank attached to the north wall of a concrete spillway structure on the west bank of the creek about 55 feet above the center line of the highway.

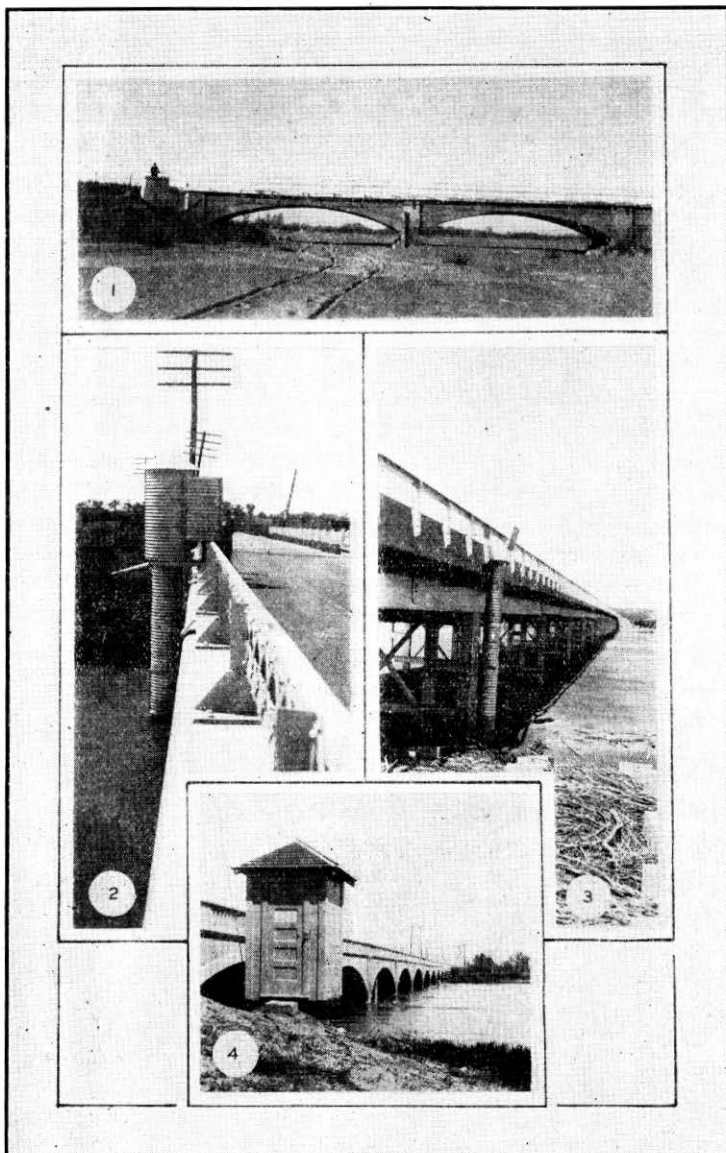
OBSERVATIONS:—Made twice daily by Wesley Lackey.

RECORDS AVAILABLE:—January, 1919, to September 30, 1936.



Recorder Shelters on Nebraska Streams

1. On the North Platte River near Lisco.
2. On the Frenchman River near Hamlet.
3. Chain gage and cable. Installed April, 1932, on the North Platte River at the Wyoming-Nebraska Line.
4. On the Platte River near Duncan.

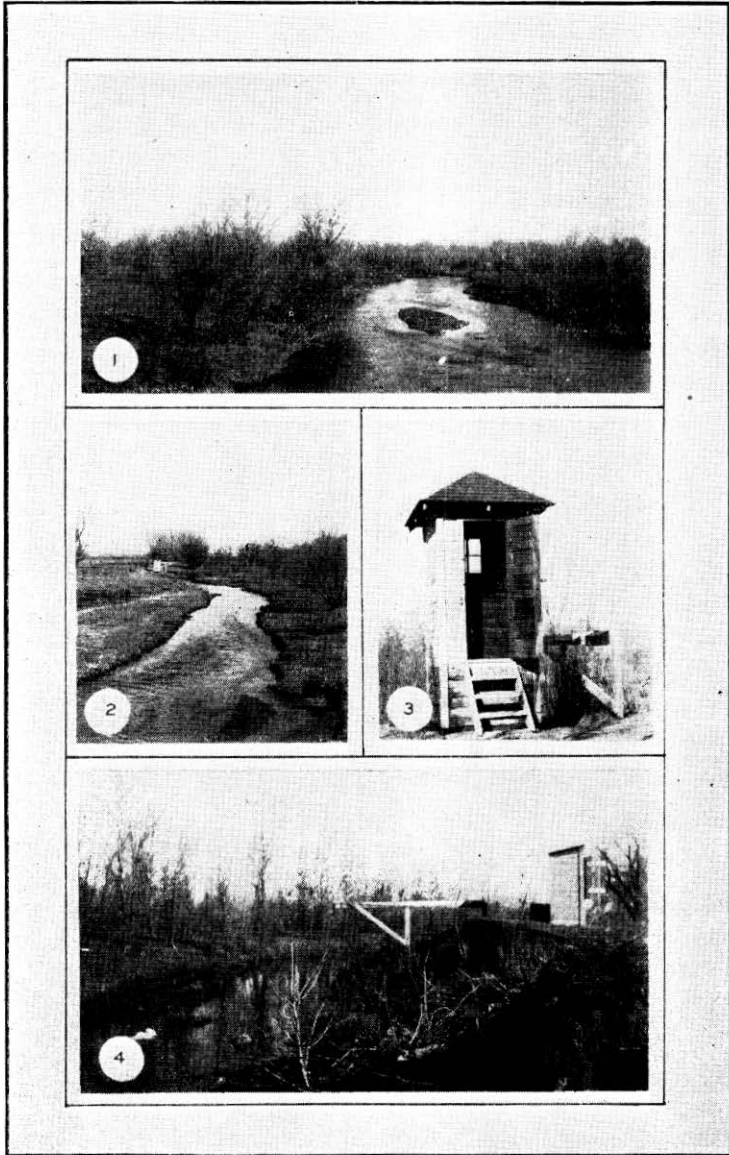


1. South Platte River near North Platte. Looking upstream toward Gaging Station. November, 1934.

2. Automatic Recorder Shelter on North Platte River near North Platte.

3. Automatic Recorder Shelter on North Platte River near Martin.

4. Automatic Recorder Shelter on North Platte River near Minatare.



Views of Gaging Stations on the South Platte River near Julesburg,
Colorado, January, 1935.

1. Looking downstream toward station on channel No. 2.
2. Looking downstream toward station on channel No. 4.
3. Automatic recorder shelter on channel No. 2.
4. Looking downstream toward station on channel No. 1.

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

Season Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT TORRINGTON, WYOMING					
10- 2	F. F. LeFever	100	2.84	0.27	284
11- 1	do	108	2.82	0.35	303
11-20	do	88	2.62	0.27	231
12- 4	do	90	2.70	0.28	244
12-26	do	94	2.63	0.27	246
2- 4	do	92	2.77	0.19	255
2-19	do	97	3.02	0.23	292
3- 5	LeFever-Ball	101	3.09	0.48	312
3-18	F. F. LeFever	90	2.68	0.41	242
4- 1	LeFever-Ball	85	2.68	0.38	227
4-16	F. F. LeFever	84	2.63	0.22	221
4-16	do	111	2.06	0.22	228
5- 1	do	118	1.84	0.24	217
5-14	M. E. Ball	139	1.96	0.31	273
5-26	do	223	2.00	0.49	446
6-12	do	895	3.25	1.58	2909
6-18	Meeker-Ball	358	2.38	0.64	855
7- 8	M. E. Ball	606	2.59	1.13	1579
7-23	do	592	2.53	1.01	1500
8- 2	LeFever-Boyer	630	2.60	0.96	1640
8- 6	M. E. Ball	561	2.73	0.92	1536
8-13	F. F. LeFever	385	2.59	0.63	996
8-20	M. E. Ball	437	2.43	0.76	1113
8-27	F. F. LeFever	288	2.43	0.53	700
9- 3	M. E. Ball	271	2.40	0.51	651
9-10	F. F. LeFever	351	2.39	0.68	839
9-16	M. E. Ball	317	2.29	0.53	727
9-20	F. F. LeFever	279	2.37	0.50	660
9-30	M. E. Ball	221	2.32	0.40	513
NORTH PLATTE RIVER AT WYOMING-NEBRASKA LINE AT HENRY, NEBRASKA					
10- 3	F. F. LeFever	117	1.98	0.91	232
10-31	do	119	1.71	0.91	204
11-15	Dickey-Bailey	93	1.59	0.84	145
11-20	F. F. LeFever	87	1.73	0.85	151
12- 4	do	130	1.65	1.01	215
12-26	do	154	1.93	1.04	297
1-17	H. P. Eisenhuth	140	1.95	0.83	273
1-22	F. F. LeFever	209	1.12	1.64	234
2- 4	do	142	1.82	1.03	258
2-19	do	150	1.99	1.03	299
3- 5	LeFever-Ball	133	2.05	0.90	273
3-18	F. F. LeFever	130	1.85	0.85	240
4- 1	LeFever-Ball	121	1.96	0.86	238
4-16	F. F. LeFever	105	1.74	0.68	183
5- 1	do	107	1.80	0.79	193

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT HENRY—Concluded					
5- 7	M. E. Ball	82	1.57	0.60	129
5-15	F. F. LeFever	137	1.85	1.02	251
5-20	do	318	2.10	1.58	608
5-25	Ball-Meeker	220	1.83	1.20	402
6- 1	F. F. LeFever	3590	3.21	5.28	11520
6-10	M. E. Ball	419	2.00	1.57	837
6-18	Ball-Meeker	374	2.07	1.44	774
6-25	F. F. LeFever	246	1.78	1.10	440
7- 1	M. E. Ball	586	2.01	1.86	1180
7- 3	C. A. Gaensslen	621	2.10	1.91	1310
7- 8	F. F. LeFever	651	2.18	2.02	1420
7-20	M. E. Ball	716	2.01	2.15	1460
7-22	do	693	2.05	2.09	1420
7-25	C. A. Gaensslen	638	2.05	2.02	1310
8- 2	LeFever-Boyer	666	2.13	2.06	1420
8- 5	M. E. Ball	637	2.13	2.01	1352
8-13	F. F. LeFever	415	1.95	1.58	808
8-14	M. E. Ball	498	2.03	1.73	1013
8-15	do	444	2.11	1.70	930
8-21	C. A. Gaensslen	581	2.03	1.91	1180
8-25	Ball-Meeker	344	1.92	1.44	662
8-28	F. F. LeFever	286	1.81	1.21	519
9- 3	M. E. Ball	297	2.08	1.30	619
9- 7	C. A. Gaensslen	334	1.87	1.32	625
9-16	M. E. Ball	414	2.02	1.42	838
9-20	F. F. LeFever	371	2.01	1.28	753
NORTH PLATTE RIVER BELOW TRI-STATE DAM Sec. 10-23-58 W.					
7- 1	F. F. LeFever	22	1.45		31
8- 1	LeFever-Boyer	22	1.51		31
8- 5	F. F. LeFever	23	1.47		33
8-20	A. W. Hall	15	0.68		10
NORTH PLATTE RIVER AT MITCHELL					
10- 3	F. F. LeFever	67	1.52	0.30	102
10-31	do	107	1.72	0.44	131
11-21	do	75	1.71	0.39	128
12- 5	do	166	1.86	0.68	309
12-27	do	251	1.91	1.00	490
1-22	do	292	1.10	1.12	412
2- 5	do	209	1.90	0.78	397
2-20	do	253	1.83	0.77	461
3- 6	Ball-LeFever	266	1.82	0.80	484
3-19	F. F. LeFever	202	1.91	0.70	385
4- 2	do	128	1.90	0.41	241
4-17	do	113	1.71	0.33	196
5- 2	do	130	1.77	0.41	227

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT MITCHELL—Concluded					
5- 8	F. F. LeFever	75	1.62	0.25	122
5-15	do	72	1.77	0.25	127
5-20	do	416	2.04	1.01	853
6- 1	do	2750	4.05	4.54	11130
6-11	do	427	2.18	1.08	933
6-25	do	133	1.39	0.13	186
7- 1	do	180	1.66	0.31	290
7-10	do	140	1.64	0.20	239
7-23	do	120	1.67	0.19	200
8- 3	LeFever-Boyer	149	1.58	0.24	235
8-14	F. F. LeFever	137	1.60	0.21	218
8-22	do	151	1.69	0.24	255
8-29	do	216	1.93	0.48	416
9-11	do	95	1.78	0.09	169
9-21	do	89	1.78	0.07	159
NORTH PLATTE RIVER AT MINATARE					
10- 4	F. F. LeFever	91	1.40	0.59	132
11- 1	do	125	1.78	0.79	221
12- 5	do	200	2.03	1.07	406
12-28	do	427	0.98	1.81	418
1-23	do	445	1.01	1.95	448
2- 6	F. F. LeFever	215	2.04	0.90	439
2-20	do	229	1.91	1.00	143
3- 8	do	348	1.86	1.10	647
3-20	do	206	1.89	1.00	502
4- 3	LeFever-Ball	249	1.92	0.90	470
4-19	F. F. LeFever	193	1.87	0.74	360
5- 3	do	238	1.84	0.84	438
5-16	do	238	1.70	0.77	405
5-20	do	713	1.96	1.60	1400
6- 2	do	2280	3.26	3.49	7440
6-12	do	612	2.06	1.31	1320
6-26	do	206	1.42	0.44	303
7-12	do	72	1.94	0.32	139
7-24	do	82	1.60	0.35	131
8- 6	do	81	1.55	0.30	125
8-15	do	61	1.47	0.28	90
8-24	do	82	1.70	0.42	139
9- 3	do	116	1.66	0.43	192
9-13	do	108	1.89	0.46	204
9-24	do	87	1.58	0.36	137
NORTH PLATTE RIVER AT MINATARE NINE MILE CHANNEL					
10- 4	F. F. LeFever	81	1.81	1.96	146
11- 2	do	83	2.02	1.96	169
12- 5	do	108	1.96	2.40	212
12-28	do	70	0.72	2.70	44

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT MINATARE—Concluded					
Nine Mile Channel					
1-23	F. F. LeFever	80	1.77	3.33	112
2- 6	do	86	1.91	1.86	165
2-20	do	93	2.10	1.97	190
3- 8	do	27	1.73	0.61	47
3-20	do	29	1.67	0.67	49
4- 3	Ball-LeFever	24	1.08	0.52	26
4-19	F. F. LeFever	20	1.53	0.50	29
5- 3	do	20	1.50	0.52	26
5-16	do	17	1.42	0.51	24
5-20	do	27	1.81	0.82	49
6-12	do	15	1.20	0.48	18
6-26	do	31	1.40	0.74	43
7-12	do	51	1.86	1.40	95
7-24	do	40	5.13	1.28	54
8- 6	do	45	1.96	1.28	87
8-15	do	44	1.85	1.27	51
8-24	do	62	1.71	1.50	106
9- 3	do	66	1.81	1.70	121
9-13	do	68	1.83	1.64	124
9-24	do	57	1.72	1.43	98
NORTH PLATTE RIVER AT BRIDGEPORT					
10- 5	F. F. LeFever	255	1.44	5.19	368
10-13	A. E. Johnston	296	1.78	5.34	525
11- 2	F. F. LeFever	274	1.60	5.23	429
11-24	do	255	1.49	5.16	378
12-18	A. E. Johnston	507	1.93	5.52	1150
2-29	F. F. LeFever	471	1.65	5.69	756
1-24	do	364	1.68	5.94	613
2- 7	do	415	1.70	5.52	706
2-22	LeFever-Ball	419	1.81	5.48	759
3- 9	F. F. LeFever	480	1.73	5.53	831
3-21	do	352	1.76	5.44	621
4- 4	do	374	1.61	5.44	602
4-19	do	294	1.69	5.35	498
4-27	LeFever-Ball	835	2.06	5.98	1720
5- 4	F. F. LeFever	371	1.84	5.40	682
5-20	do	932	2.39	6.10	2020
6- 2	do	3230	3.61	8.06	11670
6-13	do	821	2.23	5.89	1810
6-28	do	255	1.46	5.06	373
7-11	A. W. Hall	134	1.41	4.84	180
7-25	F. F. LeFever	132	1.58	4.84	200
8- 6	A. W. Hall	186	1.52	5.01	283
8-15	F. F. LeFever	182	1.53	4.92	279
8-26	do	130	1.65	4.89	215
9- 4	do	140	1.69	4.88	236
9-16	do	184	1.68	5.00	309
9-25	do	146	1.66	4.85	242

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT BRIDGEPORT BROWNS CREEK CHANNEL					
10- 5	F. F. LeFever	22	1.47	0.73	33
10-12	A. E. Johnston	15	1.06	0.46	16
11- 2	F. F. LeFever	18	1.86	1.57	89
11-24	do	52	1.71	1.59	91
12-18	A. E. Johnston	56	2.19	2.50	123
12-29	F. F. LeFever	55	2.07	1.53	115
1-24	do	51	1.93	1.35	99
2- 7	do	44	2.07	1.20	91
2-22	do	39	1.96	1.07	70
3- 9	do	41	2.05	1.08	85
3-21	do	36	1.76	0.88	64
4- 4	do	31	1.63	0.72	52
4-19	do	26	1.37	0.48	35
4-27	do	51	2.00	1.52	106
5- 4	do	35	1.75	0.75	61
5-20	do	56	2.01	1.56	112
6- 2	do	114	2.76		315
6-13	do	21	1.48	0.28	32
6-28	do	25	1.56	0.49	39
7-11	A. W. Hall	43	1.36	1.18	58
7-25	F. F. LeFever	32	1.69	0.94	53
8- 6	A. W. Hall	61	2.12	1.97	130
8-15	F. F. LeFever	41	2.02	1.36	83
8-26	do	51	1.81	1.48	92
9- 4	do	43	1.84	1.37	79
9-16	do	46	1.95	1.46	90
9-25	do	42	1.65	1.30	70
NORTH PLATTE RIVER AT LISCO					
10- 1	F. F. LeFever	265	1.38	1.20	306
11- 3	do	471	1.08	1.26	500
11-23	do	304	1.47	1.26	446
12-29	do	706	1.19	2.38	837
1-25	do	606	1.48	2.35	1042
2- 9	A. E. Johnston	502	2.22	1.66	1114
2-22	LeFever-Ball	516	1.81	1.58	934
3-11	F. F. LeFever	541	1.81	1.60	983
3-21	do	394	2.02	1.42	796
4- 2	A. E. Johnston	420	2.03	1.48	854
4-23	F. F. LeFever	331	1.61	1.21	549
5- 4	do	421	1.88	1.32	791
5-22	do	1070	2.33	2.16	2490
6- 3	do	2750	4.02	3.64	11050
6-13	do	973	2.21	1.75	2150
6-22	A. E. Johnston	718	1.95	1.32	1400
7- 3	do	353	1.79	0.93	630
7-10	A. W. Hall	246	1.60	0.85	394
7-22	A. E. Johnston	490	1.47	1.15	720

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT LISCO—Concluded					
7-25	A. W. Hall	208	1.39	0.71	290
8- 5	do	257	1.13	0.92	368
8-16	F. F. LeFever	186	1.56	0.81	291
8-26	do	211	1.25	0.81	263
9- 4	do	197	1.36	0.80	267
9-17	do	193	1.55	0.92	299
9-24	A. E. Johnston	196	1.46	0.92	287
NORTH PLATTE RIVER AT OSHKOSH					
10- 9	A. E. Johnston	313	1.11	1.16	450
11- 3	F. F. LeFever	339	1.36	1.17	459
11-17	A. E. Johnston	299	1.67	1.44	500
12- 7	do	776	1.29	2.50	1003
1-12	do	833	2.17	2.26	1807
2- 6	do	730	1.88	1.95	1372
2- 9	do	586	1.98	1.82	1161
2-28	do	870	1.72	2.04	1496
1- 2	do	411	1.72	1.66	707
1-23	A. W. Hall	329	1.48	1.39	188
5- 9	A. E. Johnston	162	1.71	1.61	789
5-18	A. W. Hall	683	1.88	1.79	1290
6- 3	F. F. LeFever	2550	1.26	3.99	10860
6-11	A. W. Hall	1086	1.99	1.89	2150
6-15	do	1020	2.52	2.09	2570
6-22	A. E. Johnston	863	2.09	1.52	1680
7- 3	do	481	1.96	1.31	917
7- 9	A. W. Hall	250	1.36	0.93	310
7-22	A. E. Johnston	632	1.85	1.63	1168
7-24	A. W. Hall	250	1.30	1.01	321
8- 3	do	159	1.29	0.81	203
8-17	F. F. LeFever	174	1.41	0.98	259
9- 5	A. W. Hall	131	1.31	0.95	175
9-21	A. E. Johnston	192	1.38	0.95	265
NORTH PLATTE RIVER AT OSHKOSH MIDLAND CHANNEL					
10- 9	A. E. Johnston	15.6	2.76	2.10	27.5
11- 3	F. F. LeFever	13.6	1.57		20.6
11-17	A. E. Johnston	6.8	1.59	1.60	10.8
12- 7	do	0.5	1.22	0.85	0.6
1-12	do	6.8	1.46	1.85	9.9
2- 6	do	2.2	1.90	1.40	1.3
2- 9	do	1.6	1.37	1.32	2.2
2-28	do	0.4	0.90	0.85	0.1
1- 1	do	1.4	1.61	1.22	2.3
1-23	A. W. Hall	17.5	1.97	1.25	31.3
5- 9	A. E. Johnston	11.7	1.85	0.80	21.7
6- 3	F. F. LeFever				40.9

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT OSHKOSH—Concluded					
6-22	A. E. Johnston	11.7	1.06	0.82	12.1
7- 3	do	19.1	0.83	1.22	15.9
7-10	A. W. Hall	15.6	1.14	1.30	17.8
7-22	A. E. Johnston	20.6	1.49	1.41	30.8
7-24	A. W. Hall	17.8	1.62	1.52	28.8
8- 3	do	11.3	1.75	1.22	19.8
8-17	F. F. LeFever	15.2	1.22	1.22	18.6
9- 5	do	15.3	1.59	1.33	24.4
9-24	A. E. Johnston	20.0	2.04	1.48	40.9
NORTH PLATTE RIVER AT MARTIN BRIDGE NORTH OF OGALLALA					
10- 9	A. E. Johnston	353	1.53	0.96	540
11- 3	F. F. LeFever	365	1.45	1.02	530
11-16	A. E. Johnston	414	1.60	1.10	763
12- 8	do	475	2.35	1.78	1118
1-11	do	734	2.35	2.08	1727
2- 5	do	919	2.38	1.82	2186
3- 1	do	716	2.03	1.80	1451
3-30	do	371	1.92	1.00	713
5- 8	do	620	1.75	1.25	1088
6- 4	Hall-LeFever	2440	4.53	3.25	11059
6-11	A. W. Hall	999	2.37	1.46	2370
6-14	do	1170	2.36	1.69	2770
6-25	A. E. Johnston	697	2.21	1.01	1540
7- 2	do	367	1.94	0.55	712
7- 9	A. W. Hall	321	1.60	0.69	511
7-23	A. W. Hall	596	1.92	1.12	1140
8- 3	do	176	1.33	0.48	234
8-17	F. F. LeFever	196	1.38	0.58	271
9- 6	A. W. Hall	136	1.37	0.52	186
9-26	A. E. Johnston	191	1.43	0.69	273
NORTH PLATTE RIVER AT SUTHERLAND					
10- 6	A. E. Johnston	141	1.52	1.95	211
5- 6	do	580	1.91	1.22	1110
7- 1	do	397	1.80	0.70	717
7- 8	A. W. Hall	124	1.56	1.30	194
7-22	do	66	1.25	1.12	83
9- 7	do	21	1.00	1.10	24
9-27	A. E. Johnston	29	1.27	1.29	37
NORTH PLATTE RIVER AT NORTH PLATTE					
10- 6	A. E. Johnston	287	1.62	2.90	465
11- 5	do	456	1.94	3.06	883
11-20	A. W. Hall	482	1.71	3.15	826
12- 9	A. E. Johnston	712	1.89	3.56	1342
1-10	do	938	2.47	3.76	2316

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT NORTH PLATTE—Concluded					
2- 4	A. E. Johnston	1311	2.62	4.01	3511
3- 4	do	1250	2.59	3.72	3210
3-28	do	450	2.01	2.82	903
4-13	A. W. Hall	702	1.82	3.23	1240
4-26	do	1190	2.51	3.71	2980
5- 4	A. E. Johnston	798	2.22	3.25	1770
5- 6	do	714	2.09	3.09	1190
5-16	A. W. Hall	780	2.10	3.34	1610
5-29	F. F. LeFever	1710	2.89	4.22	4950
6- 5	LeFever-Hall	2680	4.05	5.20	10860
6-11	A. W. Hall	1430	2.37	3.60	3390
6-14	do	1610	2.56	3.85	4130
6-27	A. E. Johnston	692	2.30	2.95	1586
7- 1	do	515	2.06	2.74	1060
7- 7	A. W. Hall	339	1.82	2.61	618
7-21	A. W. Hall	92	1.29	2.13	119
8-17	F. F. LeFever	41	1.26	1.99	52
9- 8	A. W. Hall	225	1.73	2.55	388
9-28	A. E. Johnston	172	1.29	2.18	223
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
Channel No. 1					
10-25	A. E. Johnston				0
11-19	do			0.30	0
11-26	do				0
1- 8	A. W. Hall	8	0.70	1.22	5
1-15	do			0.79	0
2-25	A. E. Johnston			0.60	0
3-20	do			0.61	0
4-23	do			0.27	0
5- 8	A. W. Hall			0.50	0
6- 3	A. E. Johnston	3150	3.52	6.55	11180
6-17	A. W. Hall	360	1.56	3.61	562
6-29	do	25	1.87	1.60	47
7-15	do				0
7-25	A. E. Johnston			0.71	0
8-24	do			0.50	0
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
Channel No. 2					
10-25	A. E. Johnston	25	1.87	1.21	48
11-19	do	25	1.95	1.22	48
1- 8	A. W. Hall	73	2.45	1.93	179
1-15	do	55	1.98	1.56	109
2-25	A. E. Johnston	62	0.88	2.01	51
3-20	do	24	2.00	1.05	48
4-23	do	20	1.63	0.85	33

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
SOUTH PLATTE RIVER AT JULESBURG—Concluded					
5- 8	A. W. Hall	35	2.03	1.27	71
6-17	do	354	2.36		834
6-29	do	91	2.32	1.73	211
7-15	do	34	1.66	1.11	57
7-25	A. E. Johnston	25	1.25	0.98	31
8-24	do	19	2.76	0.94	52
9-15	do	33	1.93	1.04	65

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
Channel No. 3

10-25	A. E. Johnston				0
11-19	do				0
11-26	do				0
2-25	do				0
3-20	do				0
4-23	do				0
6- 3	do	975	2.46		2400
7-25	do				0
8-24	do				0

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
Channel No. 4

10-25	A. E. Johnston	3.6	1.21	1.06	4.4
11-19	do	3.6	1.20	0.96	4.3
1- 8	A. W. Hall	23.0	2.10	1.93	48.4
1-15	do	13.0	1.84	1.43	24.6
2-25	A. E. Johnston	5.1	1.82	0.74	9.3
3-20	do	6.8	1.53	0.73	10.4
4-23	do	5.1	1.40	0.60	7.1
5- 8	A. W. Hall	7.9	1.71	1.03	13.5
6- 3	A. E. Johnston	823.0	3.05	5.60	2510.0
6-17	A. W. Hall	67.0	2.51	3.21	169.0
6-29	do	5.0	1.49	0.97	7.1
7-15	do	0.7	0.85	0.65	0.6
7-25	A. E. Johnston	0.4	0.45	0.65	0.2
8-24	do	7.9	2.01	1.03	16.0
9-15	do	13.2	2.09	1.24	27.7

SOUTH PLATTE RIVER AT OGALLALA

11-16	A. E. Johnston	18	1.79	0.70	35
12-17	do	91	2.10	1.42	191
1-11	do	118	2.41	1.82	284
2- 6	do	93	2.15	1.45	200
3- 2	do	103	2.17	1.78	224
3-29	do	13	1.14	0.59	11
5- 8	do	36	1.70	1.08	60
6-11	A. W. Hall	591	2.79	2.15	1400

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
SOUTH PLATTE RIVER AT OGALLALA—Concluded					
6-26	A. E. Johnston	424	2.71	2.02	1149
7- 2	do	112	2.24	0.70	316
7-23	A. W. Hall	15	2.05	0.95	30
9- 7	do	17	1.26	0.73	21
9-27	A. E. Johnston	12	1.21	0.76	15
SOUTH PLATTE RIVER AT NORTH PLATTE					
12-13	A. E. Johnston			0.40	0
12-15	do			0.40	0
12-22	do	92	1.92	1.80	177
1-10	do	203	1.76	2.25	357
2- 2	do	122	1.66	1.94	202
3- 4	do	155	1.61	1.98	253
3-28	do	2	0.88	1.52	1
5- 4	do	62	1.45	1.81	90
5-29	F. F. LeFever	1520	3.26	3.86	4950
6- 3	A. W. Hall	3680	9.21	6.10	33900
6- 5	LeFever-Hall	2230	4.17	3.59	9300
6-12	A. W. Hall	630	2.48	1.81	1565
6-27	A. E. Johnston	487	2.44	1.98	1190
7- 1	do	340	1.85	1.50	636
7- 8	A. W. Hall	96	1.66	1.20	159
7-21	do	5	0.96	0.60	5
9- 8	do				1
PLATTE RIVER AT BRADY ISLAND					
Channel No. 1					
7- 7	A. W. Hall	44	1.68	0.95	73
7-21	do	69	1.66	0.88	114
9- 9	do	209	1.35	1.25	282
PLATTE RIVER AT BRADY ISLAND					
Channel No. 2					
7- 7	A. W. Hall	66	1.36	1.30	90
PLATTE RIVER AT GOTHENBURG					
North Channel					
10- 7	A. E. Johnston	158	2.08	1.55	320
3-28	do	151	2.08	1.53	320
5-16	A. W. Hall	302	2.67		808
7-21	do			0.60	103
9- 9	do	158	1.90	1.50	300
PLATTE RIVER AT GOTHENBURG					
South Channel					
10- 7	A. E. Johnston	50	1.34	1.58	66
3-28	do	103	1.85	1.75	191

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
PLATTE RIVER AT COZAD					
North Channel					
10-16	A. E. Johnston	89	1.82	1.30	162
11-13	do	4	1.15	0.52	5
5-15	A. W. Hall	208	1.96	1.70	408
6-13	do	460	2.59	1.85	1190
7- 6	do	127	1.81	1.00	231
7-21	do	4	0.81	0.10	3
9-10	do	90	2.00	1.16	180
PLATTE RIVER AT COZAD					
South Channel					
10-16	A. E. Johnston			1.38	4
11-13	do	11	1.30	1.50	14
6-13	A. W. Hall	1230	3.13	2.49	3850
7-21	do			0.55	3
9-10	do	6	1.05	0.75	7
PLATTE RIVER AT OVERTON					
11-13	A. E. Johnston			1.00	0
12-14	do	611	1.93	3.90	1173
2- 1	do	1155	2.14	3.65	2471
2-19	do	813	2.38	3.04	1930
3- 6	do	945	2.37	3.25	2210
3-27	do	265	1.92	2.80	508
4-11	A. W. Hall	260	1.71	2.59	445
4-25	do	89	1.51	2.17	134
5- 2	A. E. Johnston	1056	2.27	3.39	2400
5-15	A. W. Hall	778	1.82	3.04	1120
5-29	LeFever-Follansbee	2040	2.60	3.93	5220
6- 5	Hall-LeFever	6370	5.48	6.07	30890
6- 7	A. W. Hall	4660	3.88	4.90	18100
6-12	do	2110	2.82	3.35	5940
6-28	A. E. Johnston	1097	2.67	3.25	2931
7- 6	A. W. Hall	309	2.21	2.77	681
9-10	do	120	2.03	1.85	243
9-30	A. E. Johnston	4	0.93	1.10	3
PLATTE RIVER SOUTH OF ELM CREEK					
5-14	A. W. Hall	585	1.96	3.31	1149
PLATTE RIVER AT KEARNEY					
10-18	A. E. Johnson			10.70	6
11-13	do			9.95	6
12-14	do			9.85	6
3-26	do	131	1.41	12.32	193

MEASUREMENTS OF PLATTE RIVERS—Concluded
Year Ending September 30, 1935

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
PLATTE RIVER AT GRAND ISLAND					
10-25	H. P. Eisenhuth				0
11-23	M. C. Boyer				0
1- 9	Dickey-LeFever	696	1.51	3.66	1050
2-18	K. W. Dickey	1090	1.94	3.41	2110
3-15	do	736	2.08	2.96	1530
4-28	M. C. Boyer			2.22	30
4-29	do	1120	2.40	3.56	2790
5-14	K. W. Dickey	1090	2.06	3.32	2240
6-17	H. P. Eisenhuth	1800	3.01	3.42	5420
6-29	do	1580	2.73	3.27	4320
8-29	do				0
9-27	H. H. Odell				0
9-30	A. E. Johnston				0
PLATTE RIVER AT DUNCAN					
11- 6	H. P. Eisenhuth	0.8	0.36	0.66	0.3
12- 1	M. C. Boyer	2.5	1.18	0.80	2.4
1- 3	F. F. LeFever	83.2	0.52	1.60	43.0
2-20	K. W. Dickey	1140.0	1.74	2.62	1990.0
3-14	do	873.0	2.13	2.42	1860.0
4-27	M. C. Boyer	191.0	1.46	1.70	270.0
5-11	K. W. Dickey	651.0	1.93	2.28	1260.0
6-15	H. P. Eisenhuth	1680.0	3.07	2.57	5160.0
6-26	do	1704.0	2.96	2.57	5040.0
7-26	M. C. Boyer			-0.30	3.0
8-23	H. P. Eisenhuth	1.0	0.50	-0.39	0.5
9-23	H. H. Odell	7.6	0.80	-0.17	6.0
PLATTE RIVER AT ASHLAND					
10-29	H. P. Eisenhuth	1330	1.67	2.36	2220
11- 7	do	1350	1.74	2.58	2350
12- 4	M. C. Boyer	664	1.94	2.00	1290
1-12	Dickey-LeFever	1880	2.11	3.84	4020
2-27	K. W. Dickey	706	1.43	2.66	1010
3-12	do	2770	2.40	3.60	6610
3-23	do	2030	2.02	3.04	4110
4-10	M. C. Boyer	1600	2.28	3.05	3610
4-26	do	6590	4.54	5.91	29900
5-10	K. W. Dickey	2270	2.16	3.12	4900
6- 6	V. R. Bennion	6840	3.36	5.52	23000
6-13	H. P. Eisenhuth	4760	2.60	4.29	12400
6-24	do	4740	2.62	4.59	12400
7-19	M. C. Boyer	970	2.05	1.48	2010
7-26	do	829	2.14	1.18	1770
8-21	H. P. Eisenhuth	660	2.12	0.78	1400
8-30	do	1880	2.04	1.96	3840
9-20	H. H. Odell	1010	1.75	1.28	1770
9-28	do	895	1.92	1.12	1720

**ACTUAL DISCHARGE MEASUREMENTS ON THE NORTH PLATTE,
SOUTH PLATTE, AND PLATTE RIVERS
Season Ending September 30, 1936**

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT TORRINGTON, WYOMING					
10- 2	F. F. LeFever	241	2.32	0.47	566
10-12	M. E. Ball	195	2.39	0.32	466
10-28	F. F. LeFever	175	2.44	0.36	427
11-12	do	189	2.25	0.71	425
12- 2	do	178	2.43	0.74	433
12-21	M. C. Boyer	149	2.43	0.60	363
1-13	do	134	2.56	0.50	343
2-12	do	200	1.43	0.62	286
3- 9	do	162	2.47	0.13	400
3-21	do	149	2.07	0.19	309
4- 8	do	155	2.21	0.28	343
4-16	do	240	2.28	0.43	546
4-22	Ball-Boyer	164	2.16	0.25	355
4-27	M. E. Ball	152	1.98	0.22	302
5- 8	M. C. Boyer	300	2.59	0.57	778
5-11	M. E. Ball	439	2.69	0.85	1180
5-23	do	829	2.59	1.22	1965
5-27	Ball-Boyer	786	2.28	1.25	1790
6- 5	M. C. Boyer	704	2.80	1.13	1970
6-10	do	406	2.36	0.69	959
6-17	do	554	2.35	0.90	1300
6-23	M. E. Ball	711	2.52	1.11	1800
7- 1	Boyer-Strawn	700	2.67	1.17	1871
7-15	M. C. Boyer	701	2.29	1.02	1600
7-23	do	605	2.36	0.89	1430
8- 1	do	470	2.13	0.78	1690
8-11	M. E. Ball	459	2.40	0.66	1100
8-17	M. C. Boyer	395	2.41	0.59	952
8-26	do	351	2.18	0.53	766
9- 2	do	372	2.31	0.68	860
9-16	M. E. Ball	216	2.59	0.43	560
9-23	M. C. Boyer	228	2.21	0.38	510
9-30	do	217	2.33	0.42	505
NORTH PLATTE RIVER AT NEBRASKA-WYOMING LINE AT HENRY, NEBRASKA					
10- 1	Ball-Meeker	249	2.03	1.06	505
10- 2	F. F. LeFever	316	1.96	1.22	619
10-11	M. E. Ball	251	2.18	1.17	548
10-28	F. F. LeFever	136	2.08	0.74	283
11-12	do	139	2.16	0.85	300
12- 3	do	176	1.78	0.92	313
12-21	M. C. Boyer	194	1.91	1.10	376
1-13	do	175	2.00	1.09	349
2-24	do	240	1.97	2.08	473
3- 9	do	202	1.95	1.08	394
3-21	do	201	2.00	1.06	402
4- 8	do	180	1.98	1.01	356

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT HENRY—Continued					
1-15	M. E. Ball	152	2.01	1.58	912
1-22	Boyer-Ball	183	1.80	1.02	330
1-27	M. E. Ball	176	1.97	1.01	317
1-30	Gatchell-Lloyd-Boyer	111	1.77	0.81	250
5- 4	M. C. Boyer	124	1.61	0.73	199
5- 7	do	117	1.06	0.80	194
5-15	do	630	1.86	1.77	1170
5-18	M. E. Ball	566	2.00	1.83	1139
5-21	M. C. Boyer	661	2.03	2.07	1350
5-26	A. E. Johnston	710	2.12	2.13	1507
5-26	M. C. Boyer	721	2.08	2.13	1500
5-26	F. M. Roush*			2.16	1610
5-31	M. E. Ball	807	2.21	2.25	1789
6- 2	F. M. Roush			2.26	1710
6- 4	M. C. Boyer	810	2.11	2.22	1770
6- 7	Meeker-Ball	805	2.72	2.38	2190
6-10	M. C. Boyer	511	2.16	1.70	1110
6-11	Boyer-Roush			1.33	850
6-13	F. M. Roush			1.16	669
6-17	M. E. Ball	656	1.98	1.99	1390
6-20	M. C. Boyer	717	2.08	2.11	1490
6-22	do	600	2.20	1.96	1320
6-25	F. M. Roush			2.28	1770
6-28	Ball-Boyer	915	1.90	2.26	1790
6-30	F. M. Roush			2.41	1590
7- 2	M. C. Boyer	771	2.27	2.21	1750
7- 6	F. M. Roush			1.87	1275
7- 9	M. C. Boyer	639	2.14	1.89	1370
7-13	do	830	1.94	2.13	1610
7-16	do	777	1.97	2.04	1530
7-20	F. M. Roush	575	2.38	1.92	1370
7-23	do			2.03	1572
7-27	M. C. Boyer	680	1.88	1.79	1280
7-30	F. M. Roush			1.59	1115
8- 4	M. C. Boyer	581	1.96	1.70	1138
8- 6	M. E. Ball	387	2.27	1.44	878
8- 8	F. M. Roush			1.90	1230
8-10	do			1.74	1115
8-13	M. C. Boyer			1.65	1039
8-14	F. M. Roush			1.68	1040
8-17	M. C. Boyer	174	2.04	1.62	966
8-21	M. E. Ball	184	2.01	1.65	974
8-24	F. M. Roush			1.46	850
8-27	M. C. Boyer	413	2.01	1.42	929
8-31	F. M. Roush			1.37	765
9- 3	M. C. Boyer	387	2.15	1.44	835
9- 7	F. M. Roush			1.36	760
9-11	M. C. Boyer	311	2.06	1.37	705

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft
NORTH PLATTE RIVER AT HENRY—Concluded					
9-14	F. M. Roush			1.11	735
9-17	Ball-Boyer	358	1.76	1.28	629
9-21	F. M. Roush			1.20	559
9-21	M. C. Boyer	237	2.21	1.17	527
9-28	F. M. Roush			1.22	519
NORTH PLATTE RIVER BELOW TRI-STATE DAM Sec. 10-23-58 W.					
4-30	M. C. Boyer				10
5-18	A. W. Hall	19	1.36		26
8-1	J. A. Whiting, Jr.				8
NORTH PLATTE RIVER AT MITCHELL					
10-2	F. F. LeFever	77	1.80		138
10-16	do	224	2.14	0.61	479
10-28	do	180	1.81	0.38	331
11-13	do	215	2.01	0.53	433
12-4	do	275	2.06	0.71	568
12-23	M. C. Boyer	293	2.06	0.76	604
1-14	do	236	2.18	0.74	514
2-20	do	277	1.65	1.52	456
3-11	do	265	2.13	0.75	573
3-25	do	227	1.67	0.43	380
4-9	do	267	1.88	0.59	503
4-24	do	189	1.69	0.28	319
5-1	do	112	1.71	0.10	192
5-8	do	73	1.58	0.92	116
5-15	do	77	1.36	0.95	104
5-20	do	58	1.30	0.81	75
5-27	do	136	1.52	1.16	207
6-5	do	424	2.03	2.05	860
6-11	do	344	1.91	1.78	667
6-17	do	136	1.66	1.21	226
6-28	do	295	2.01	1.65	593
7-3	do	292	1.99	1.68	582
7-6	do	131	1.60	1.12	209
7-14	do	278	1.93	1.57	536
7-22	do	169	1.66	1.23	289
7-27	do	116	1.75	1.18	256
8-5	do	129	4.82	1.04	202
8-13	do	122	1.61	1.10	197
8-19	do	86	1.55	0.88	133
8-27	do	81	1.61	0.81	138
9-4	do	88	1.70	0.95	149
9-17	do	77	1.58	0.89	122
9-23	do	68	1.64	0.83	112
9-30	do	71	1.54	0.82	110

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MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT MINATARE					
10- 3	F. F. LeFever	113	1.78	0.47	201
10-17	do	310	1.92	0.91	596
10-31	do	289	1.90	0.80	511
11-14	do	314	1.83	1.10	576
12- 5	do	336	2.02	1.20	677
12-23	M. C. Boyer	361	1.89	1.18	703
1-14	do	299	2.02	1.15	605
2-19	do	187	1.56	2.25	291
3- 7	do	347	1.89	1.22	657
3-25	do	296	1.70	0.92	502
4- 9	do	426	1.80	1.05	768
4-24	do	278	1.56	0.77	432
5- 1	do	212	1.16	0.65	310
5-11	do	215	1.78	0.77	437
5-20	do	22	0.67	0.13	15
5-28	do	63	1.25	0.35	78
6- 8	do	455	1.92	1.22	374
6-17	do	210	1.62	0.61	341
6-24	do	98	1.54	0.34	150
7- 6	do	72	1.26	0.26	90
7-21	do	153	1.48	0.43	227
7-28	do	128	1.45	0.60	186
8- 6	do	128	0.87	0.56	200
8-15	do	145	0.99	0.43	143
8-21	Boyer-Hervert	69	1.43	0.29	98
8-29	M. C. Boyer	81	1.63	0.37	132
9- 5	do	137	1.63	0.59	223
9-18	do	88	1.64	0.39	144
9-24	do	80	1.65	0.38	131
NORTH PLATTE RIVER AT MINATARE NINE MILE CHANNEL					
10- 3	F. F. LeFever	70	1.71	1.70	119
10-17	do	86	2.03	2.20	175
10-31	do	64	1.94	1.74	125
11-14	do	71	1.81	1.85	128
12- 5	do	68	1.96	1.82	133
12-23	M. C. Boyer	70	2.00	1.80	140
1-14	do	52	1.87	1.52	98
2-19	do	51	2.63		134
3- 7	do	74	1.81	1.59	133
3-25	do	54	1.67	1.45	91
4- 9	do	76	1.90	1.78	147
4-24	do	50	1.78	1.20	88
5-11	do	52	1.77	1.16	93
5-20	do	13	1.48	0.30	19
5-28	do	29	1.76	0.78	50
6- 8	do	92	2.21	2.13	204

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft
NORTH PLATTE RIVER AT MINATARE—Concluded					
Nine Mile Channel					
6-17	M. C. Boyer	41	1.61	0.92	72
6-24	do	34	1.58	0.66	51
7- 6	do	35	1.59	0.67	55
7-21	do	48	1.99	1.08	96
7-28	do	14	1.81	0.96	80
8- 6	do	45	1.91	1.10	88
8-14	do	41	1.64	0.88	67
8-21	Boyer-Hervert	26	1.50	0.48	39
8-29	M. C. Boyer	33	1.47	0.62	43
9- 5	do	56	1.54	1.04	86
9-18	do	34	1.65	0.74	55
9-24	do	33	1.62	0.69	54
NORTH PLATTE RIVER AT BRIDGEPORT					
10- 8	F. F. LeFever	286	1.86	5.16	533
10-18	do	496	1.84	5.46	856
11- 1	do	429	1.85	5.32	794
11-15	do	516	1.85	5.32	955
11-15	do	528	1.90	5.58	1000
12- 6	do	467	2.27	5.65	1060
12-24	M. C. Boyer	481	2.09	5.53	1005
1-16	do	459	1.85	5.83	948
2-10	do	312	1.62	6.14	505
3- 3	do	591	2.28	6.11	1350
3-14	do	534	1.82	5.58	975
3-27	do	471	3.13	5.41	894
4- 4	do	530	2.00	5.50	1066
4-10	Boyer-Ball	610	1.85	5.54	1130
4-17	M. C. Boyer	590	1.78	5.58	1050
4-21	do	432	1.64	5.42	797
4-25	do	421	1.55	5.30	654
4-29	do	356	1.60	5.17	571
5- 2	do	330	1.43	5.18	473
5- 7	do	226	1.47	4.98	331
5-11	do	378	1.69	5.28	640
5-15	do	156	1.39	4.91	217
5-19	A. W. Hall	69	1.33	4.72	92
5-25	M. C. Boyer	30	1.20	4.54	36
6- 2	do	247	1.53	5.13	378
6- 8	do	590	1.90	5.55	1120
6-19	do	196	1.29	4.91	253
6-27	do	63	1.31	4.29	82
6-29	do	175	1.50	4.81	263
7- 7	do	73	1.22	4.63	88
7-13	do	256	1.55	5.02	396
7-22	do	180	1.34	4.88	242
7-29	do	222	1.56	4.92	345

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT BRIDGEPORT—Concluded					
8- 4	M. C. Boyer	261	1.66	5.06	432
8-11	do	68	1.35	4.72	92
8-21	do	170	1.21	1.86	231
8-28	do	108	1.45	1.68	157
9- 8	do	118	1.45	4.78	172
9-15	do	161	1.57	4.86	253
9-23	do	122	0.90	4.80	200
NORTH PLATTE RIVER AT BRIDGEPORT BROWNS CREEK CHANNEL					
10- 8	F. F. LeFever	31	1.71	0.89	59
10-18	do	41	2.01	1.30	88
11- 1	do	45	2.03	1.27	91
11-15	do	48	2.12	1.31	102
12- 5	do	52	2.06	1.32	107
12-21	M. C. Boyer	48	2.26	1.20	109
1-16	do	49	2.28	1.30	112
2-10	do	26	2.08	1.66	55
3- 3	do	48	2.16	1.16	105
3-11	do	34	1.81	0.68	62
3-27	do				0
4-25	do	28	1.90	2.10	54
1-29	do	21	2.01	1.88	44
5- 2	do	20	1.72	1.80	35
5- 7	do	28	2.16	2.10	61
5-11	do	36	2.34	2.52	81
5-15	do	32	1.68	2.05	54
5-19	A. W. Hall	24	1.43	2.10	31
5-25	M. C. Boyer	19	1.37	1.78	26
5-28	do			2.45	57
6- 2	do	61	1.87	3.18	120
6- 8	do	62	1.85	3.04	111
6-19	do	27	1.49	2.10	40
6-27	do			3.40	107
7- 7	do	41	1.61	2.90	66
7-13	do	68	2.46	3.51	168
7-22	do	44	2.02	2.78	89
7-29	do	51	1.98	3.10	100
8- 1	do	55	2.02	3.20	111
8-10	do			3.06	76
8-12	do	39	1.76	2.63	60
8-20	do	55	1.56	3.19	85
8-28	do	38	1.70	2.70	66
9- 2	do			3.06	77
9- 8	do	59	1.64	3.06	97
9-15	do			2.86	68
9-23	do	52	1.48	1.70	77
9-29	A. E. Johnston	39	1.55	1.52	61

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT LISCO					
10- 7	A. E. Johnston	329	1.02	1.15	518
10-16	do	513	1.69	1.43	866
11- 2	F. F. LeFever	174	2.03	1.42	964
11-16	do	612	1.91	1.78	1190
12- 7	do	600	2.13	1.79	1280
1- 2	M. C. Boyer	695	1.86	2.62	1296
1-21	do	398	2.05		817
2- 5	do	327	1.92		629
3- 3	do	655	2.40	2.06	1570
3-28	do	586	1.66	1.37	973
4-10	Boyer-Ball	718	1.85	1.59	1328
4-16	A. W. Hall	566	1.72	1.38	987
5- 1	do	199	1.76	1.33	878
5- 5	M. C. Boyer	398	1.45	1.20	579
5-15	A. W. Hall	308	1.43	1.00	440
5-20	do	137	0.90	0.63	124
5-25	do	80	1.23	0.56	98
6- 5	do	449	1.68	1.35	756
6-15	do	566	1.73	1.38	980
7- 3	do	291	1.41	1.01	424
7-13	do	261	1.55	1.04	410
7-20	A. E. Johnston	203	1.36	0.91	277
8- 4	do	333	1.61	1.20	536
8-21	do	254	1.39	1.05	355
9- 9	A. W. Hall	176	1.36	0.95	238
9-19	M. C. Boyer	205	1.40	1.00	286
9-29	A. E. Johnston	357	1.10	1.20	471
NORTH PLATTE RIVER AT OSHKOSH					
10- 5	A. E. Johnston	312	1.61	1.27	502
10-16	do	535	1.66	1.54	887
10-31	A. W. Hall	199	1.83	1.50	912
11-20	A. E. Johnston	676	2.04	1.80	1380
12-16	A. W. Hall	533	2.14	1.61	1300
1- 9	A. E. Johnston	581	1.24	2.35	722
1-20	A. W. Hall	195	1.14	2.12	592
2-11	do	521	1.41	2.48	735
3- 1	do	1040	2.54	2.44	2648
3-12	do	551	2.17	2.56	1200
3-17	do	621	1.84	1.62	1147
3-25	do	503	2.27	1.64	1141
4- 7	do	640	2.01	1.61	1285
4-16	do	593	1.91	1.46	961
5- 1	do	507	1.89	1.56	856
5-12	do	398	1.83	1.12	727
5-20	do	112	1.13	0.75	126
5-25	do	67	1.36	0.67	91
6- 3	do	213	1.40	0.99	298
6-10	do	907	1.91	2.02	1740

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT OSHKOSH—Concluded					
6-18	M. E. Ball	315	1.61	1.18	509
6-26	A. W. Hall	70	1.14	0.75	80
7- 3	do	191	1.47	0.99	281
7-13	do	155	1.40	1.02	211
7-20	A. E. Johnston	220	1.31	1.11	289
8- 4	do	425	1.69	1.51	720
8-21	do	335	1.02	1.20	314
9- 9	A. W. Hall	117	1.30	1.02	191
9-21	M. C. Boyer	155	1.36	1.05	211
9-30	A. E. Johnston	274	1.20	1.32	430
NORTH PLATTE RIVER AT OSHKOSH MIDLAND CHANNEL					
10- 5	A. E. Johnston	24.1	2.03	1.62	48.9
10-16	do	25.1	1.98	1.68	49.7
10-31	A. W. Hall	24.8	1.29	1.80	31.9
12-16	do				0.0
3- 4	do	12.9	1.23	1.70	15.9
3-12	do	36.5	1.27	2.00	46.1
3-17	do	5.0	0.99	0.62	4.5
3-25	do	2.3	0.62	0.40	1.1
4- 7	do	5.2	1.23	0.60	6.4
5- 1	do	1.4	0.86	0.24	1.2
5-15	do	13.2	1.72	0.92	22.7
5-20	do	14.1	1.59	1.05	22.1
5-25	do	9.5	1.54	0.79	14.7
6- 3	do	19.2	1.82	1.30	35.1
6-10	do	20.0	1.97	1.40	39.1
6-26	do	15.9	1.48	1.15	23.6
7- 3	do	14.0	1.50	1.05	21.5
7-13	do	16.6	1.71	1.11	28.4
7-20	A. E. Johnston	10.1	1.09	0.68	11.0
8- 4	do	14.4	1.70	1.00	24.6
8-21	do	18.6	1.75	1.20	32.5
9-21	M. C. Boyer	18.2	1.51	1.06	27.4
9-30	A. E. Johnston	12.2	1.80	0.91	22.0
NORTH PLATTE RIVER AT MARTIN BRIDGE NORTH OF OGALLALA					
10- 4	A. E. Johnston	277	1.55	0.83	430
10-15	do	529	1.81	1.16	960
11- 1	A. W. Hall	615	2.05	1.25	1260
11-19	A. E. Johnston	726	2.08	1.44	1509
1-10	do	661	1.64	2.08	1090
1-21	A. W. Hall	732	1.27	2.40	930
2-12	do	603	1.13	2.48	680
3-12	do	633	2.37	1.12	1500
3-18	do	592	2.15	1.31	1270

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT MARTIN BRIDGE—Concluded					
North of Ogallala					
3-25	A. W. Hall	639	2.08	1.25	1340
4- 8	do	763	2.00	1.33	1524
4-15	do	603	1.84	1.17	1110
4-22	do	591	1.98	1.15	1170
4-28	do	618	1.81	1.28	1140
5- 5	do	441	1.70	0.98	748
5-12	do	439	1.84	1.06	809
5-26	do	92	1.07	0.38	99
6- 3	do	107	1.25	0.47	134
6-17	do	534	1.78	1.08	951
6-25	M. C. Boyer	84	1.35	0.39	114
7- 3	A. W. Hall	108	1.57	0.48	170
7-13	do	101	1.33	0.49	134
7-20	A. E. Johnston	231	1.56	0.72	368
8- 5	do	372	1.76	0.97	657
8-16	A. W. Hall	115	1.26	0.51	145
8-22	A. E. Johnston	290	1.51	0.85	457
9-12	do	181	1.31	0.71	247
9-22	M. C. Boyer	182	1.36	0.73	248
NORTH PLATTE RIVER AT KEYSTONE					
3-18	A. W. Hall	5	0.96		5
3-18	do	33	1.32		41
5-12	do	180	1.72		310
6-26	do	51	1.70		92
8- 5	A. E. Johnston	335	1.38	1.30	464
8-16	A. W. Hall	68	1.93		133
NORTH PLATTE RIVER AT SUTHERLAND					
3-19	A. W. Hall	87	1.61	1.40	143
3-24	do	46	2.51	1.41	116
4- 9	do	230	1.84	1.90	424
4-13	do	58	1.42	1.38	82
4-28	do	127	1.81	3.61	773
5- 5	do	21	1.92	2.63	40
5-11	do	277	1.76	3.42	483
5-27	do	19	0.62	2.73	12
6- 3	do	17	1.09	2.74	18
6-18	do	103	1.58	3.08	163
7- 3	do	7	0.92	2.50	7
8- 6	Hall-Follansbee	18	0.97	2.67	17
9-11	A. E. Johnston	2	0.94	2.50	2
NORTH PLATTE RIVER AT NORTH PLATTE					
10- 2	A. E. Johnston	274	1.51	2.59	412
10-12	do	408	1.79	2.83	730
11- 1	A. W. Hall	636	1.93	3.18	1230

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
NORTH PLATTE RIVER AT NORTH PLATTE—Concluded					
11-18	A. E. Johnston	790	2.00	3.58	181
12-18	A. W. Hall	334	1.57	2.85	524
1- 6	A. E. Johnston	320	2.00	3.39	641
1-22	A. W. Hall	679	1.80	2.73	1230
3- 7	do	1326	2.42	1.10	3219
3-11	do	423	1.74	2.75	727
3-18	do	244	1.73	2.51	422
3-21	do	135	1.62	2.31	219
4-10	do	437	1.72	2.81	732
4-15	do	190	1.63	2.47	369
4-22	do	603	1.92	3.06	1160
4-27	do	674	1.90	3.13	1260
5- 6	do	188	1.27	2.43	239
5-11	do	594	1.82	3.06	1080
5-27	do	135	1.39	2.45	187
6- 2	do	243	1.39	2.66	338
6-18	do	220	1.32	2.64	291
6-27	do	65	1.43	2.27	92
7- 1	do	104	1.34	2.40	135
7-14	do	37	1.28	2.25	47
7-31	do	82	1.24	2.38	102
8- 5	do	81	1.41	2.42	118
8-15	do	43	1.20	2.29	52
9-10	A. E. Johnston	81	1.58	2.38	127

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
 Channel No. 1

10-22	A. E. Johnston			0.30	0
11-26	do			0.48	0
1-24	do	39	1.93	2.05	76
2-27	do	41	1.62	2.84	76
3- 5	do	23	1.78	1.70	41
4- 1	do	9	1.60	1.38	15
4-29	do			0.60	0
5- 6	do			0.49	0
6- 2	do			0.32	0
6- 9	do			0.42	0
7- 2	do			0.18	0
7-31	do			0.14	0
9-10	do				0

SOUTH PLATTE RIVER AT JULESBURG, COLORADO
 Channel No. 2

10-22	A. E. Johnston	37	2.09	1.05	77
11-26	do	37	2.36	1.15	88
1-24	do	114	2.29	1.90	261
2-27	do	120	2.27	1.95	272
3- 5	do	80	2.46	1.70	198

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
SOUTH PLATTE RIVER AT JULESBURG—Concluded					
Channel No. 2					
1-4	A. E. Johnston	76	2.38	1.48	181
4-29	do	21	1.76	0.65	36
5-6	do	20	1.85	0.68	38
6-2	do	24	1.94	0.78	46
6-9	do	38	2.63	1.10	100
6-22	A. W. Hall	18	1.73	0.62	31
7-2	A. E. Johnston	14	1.57	0.52	22
7-31	do	12	1.57	0.46	19
9-19	do	15	1.53	0.52	21
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
Channel No. 3					
10-22	A. E. Johnston				0
11-26	do				0
1-24	do				0
2-27	do				0
3-5	do				0
4-4	do				0
4-29	do				0
5-6	do				0
6-2	do				0
6-9	do				0
7-2	do				0
7-31	do				0
9-19	do				0
SOUTH PLATTE RIVER AT JULESBURG, COLORADO					
Channel No. 4					
10-22	A. E. Johnston	12.0	2.28	1.08	26.5
11-26	do	13.0	2.07	1.10	26.3
1-24	do	10.6	2.44	2.20	98.9
2-27	do	12.1	2.22	2.11	94.0
3-5	do	27.5	2.31	1.44	63.5
4-4	do	18.0	2.05	1.10	36.9
4-29	do	4.1	1.39	0.33	5.7
5-6	do	2.8	1.29	0.34	3.7
6-2	do	1.0	1.07	0.50	4.2
6-9	do	8.7	2.16	0.92	18.8
6-22	A. W. Hall	2.1	0.72	0.16	1.5
7-2	A. E. Johnston	0.3	0.68	0.16	0.2
7-31	do	5.0	1.26	0.54	6.2
9-19	do	2.8	1.38	0.27	3.9
SOUTH PLATTE RIVER AT OGALLALA					
10-3	A. E. Johnston	16	2.02	0.96	32
10-14	do	18	1.80	0.98	32
11-10	do	76	2.00	1.44	152
1-7	do	57	2.17	2.00	125

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
SOUTH PLATTE RIVER AT OGALLALA—Concluded					
3- 6	A. W. Hall	165	2.16	2.43	356
4- 8	do	90	2.03	1.09	182
5- 5	do			1.46	52
5-27	do	20	1.64	1.20	33
6-17	do	41	1.74	1.51	71
9-12	A. E. Johnston	2	1.12	0.76	2
SOUTH PLATTE RIVER SOUTH OF PAXTON					
10-14	A. E. Johnston	26	1.96		39
SOUTH PLATTE RIVER AT NORTH PLATTE					
10- 2	A. E. Johnston	3	1.10	0.40	3
10-12	do	2	0.87	0.60	1
11- 2	A. W. Hall			0.30	0
11-18	A. E. Johnston	76	1.31	0.90	99
12-19	A. W. Hall	48	1.00	1.20	48
1- 6	A. E. Johnston	121	1.37	1.80	166
1-22	A. W. Hall	175	1.17	1.75	205
3- 7	do	282	1.79	1.55	506
3-19	do	59	1.39	1.25	82
3-24	do	26	1.34	1.32	34
4-10	do	150	1.55	1.49	233
4-15	do	70	1.22	1.35	86
4-28	do	46	1.43	1.25	65
5- 6	do	46	1.41	1.30	64
5-11	do	130	1.45	1.59	189
5-28	do	34	1.18	1.25	40
6- 2	do	33	1.40	1.25	46
6-18	do	24	1.47	1.18	35
9-10	A. E. Johnston				0
PLATTE RIVER AT MAXWELL					
South Channel					
6-27	A. W. Hall	27	1.24	1.01	34
6-28	do	44	1.52	1.15	66
6-29	do	75	1.38	1.33	101
7- 2	do	30	1.18	1.00	36
PLATTE RIVER AT BRADY ISLAND					
Channel No. 1					
3-19	A. W. Hall	229	1.63	1.53	374
5- 8	do	308	1.86	2.10	572
5-29	do	170	1.53	1.30	260
6-28	do	39	1.17	1.30	46
7- 2	do	58	1.20	1.40	70
9-10	A. E. Johnston	20	1.01	1.30	20

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
PLATTE RIVER AT BRADY ISLAND					
Channel No. 2					
5- 8	A. W. Hall	15	1.57	1.32	24
6-28	do	4	0.78	0.92	3
6-30	do	7	1.41	1.05	10
7- 2	do	4	0.76	0.95	3
9-10	A. E. Johnston				0
PLATTE RIVER AT BRADY ISLAND					
Channel No. 3					
5- 8	A. W. Hall	39.8	1.70	1.65	67.5
6-28	do			0.90	1.5
6-30	do	10.7	1.45	2.21	15.5
7- 2	do	3.2	0.66	0.92	2.1
9-10	A. E. Johnston	0.8	0.40	0.80	0.3
PLATTE RIVER AT BRADY ISLAND					
Channel No. 4					
3-19	A. W. Hall	96	1.68	1.45	162
5- 8	do	121	1.94	1.75	235
6-27	do	9	1.07	0.70	10
6-28	do	26	1.40	1.01	36
6-30	do	47	1.67	1.26	78
7- 2	do	24	1.58	0.95	38
9-10	A. E. Johnston	15	1.20	0.82	18
PLATTE RIVER AT GOTHENBURG					
North Channel					
7-23	A. W. Hall	151	1.66	1.45	250
9- 9	A. E. Johnston	25	1.12	0.48	29
PLATTE RIVER AT GOTHENBURG					
South Channel					
9- 9	A. E. Johnston				0
PLATTE RIVER AT COZAD					
North Channel					
4-24	A. W. Hall	92	1.63	1.31	150
5- 9	do	264	1.76	1.71	466
5-29	do	143	1.67	1.23	239
6-19	do	21	0.75	0.48	16
6-30	do	7	1.11	0.55	8
9- 9	A. E. Johnston				0
PLATTE RIVER AT COZAD					
South Channel					
4-24	A. W. Hall	296	1.63	1.91	483
5- 9	do	280	1.74	1.91	488
5-29	do	186	1.46	1.60	272
6-19	do	22	1.12	1.30	25
9- 9	A. E. Johnston				0

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft
PLATTE RIVER AT OVERTON					
10-10	A. E. Johnston	39	1.66	1.05	65
11- 2	A. W. Hall	453	1.71	1.94	789
11-15	do	524	1.95	2.44	1020
12-20	do	479	2.06	2.63	987
1- 3	A. E. Johnston	671	1.24	2.88	829
1-23	A. W. Hall	1040	1.46	3.97	1520
3- 9	do	1630	2.80	3.23	4600
3-20	do	368	1.68	2.17	626
4-11	do	622	1.90	2.63	1182
4-23	H. P. Eisenhuth	179	1.62	1.94	296
4-25	A. W. Hall	329	1.67	2.27	551
4-27	do	461	1.67	2.50	773
5- 7	do	61	1.02	1.94	62
5-10	do	955	2.14	3.12	2039
5-30	do	393	1.67	2.36	655
6-19	do	7	0.52	1.46	1
9- 9	A. E. Johnston			0.20	0
PLATTE RIVER PASSING KEARNEY HEADGATE					
North Channel					
Sec. 4-8-18 W.					
1-26	A. W. Hall	82	0.87		76
1-26	do	213	1.68		358
PLATTE RIVER PASSING KEARNEY HEADGATE					
South Channel					
Sec. 4-8-18 W.					
1-26	A. W. Hall	87	1.39		121
5- 7	do	10	0.73		7
PLATTE RIVER AT SHELTON					
3-21	A. W. Hall	251	1.88		473
PLATTE RIVER AT GRAND ISLAND					
10-24	H. H. Odell				0
11-14	A. E. Johnston	652	2.00	2.65	1300
11-28	L. F. Hanks	983	2.26	3.02	2218
12-20	A. W. Hall			2.61	1600
1-13	H. P. Eisenhuth	609	1.10	3.20	670
1-28	do	594	1.27	3.96	755
2-11	do	299	0.90	3.81	268
3-10	L. R. Sawyer	1680	3.50	3.52	4360
3-21	A. W. Hall	358	1.65	2.32	592
4-14	H. P. Eisenhuth	489	1.65	2.46	807
1-23	do	44	0.80	1.99	35
5-18	H. H. Odell	412	1.31	2.28	541
5-31	A. W. Hall	106	1.27	2.02	155

MEASUREMENTS OF PLATTE RIVERS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
PLATTE RIVER AT GRAND ISLAND—Concluded					
6- 9	H. H. Odell	501	1.66	2.56	834
6-17	do	84	0.81	2.12	68
7-16	C. B. Ham			0.70	0
8- 6	do			0.35	0
8-20	do			0.64	0
9- 8	A. E. Johnston				0
PLATTE RIVER AT DUNCAN					
10-21	H. H. Odell	2	0.61	-0.23	2
11-19	L. F. Hanks	512	2.19	1.57	1120
1-13	H. P. Eisenhuth	221	1.24	2.11	275
1-27	do	437	1.56	2.94	681
2-10	do	292	1.52	2.77	444
3- 8	L. R. Sawyer	2590	3.10	3.82	8040
4-14	H. P. Eisenhuth	454	1.88	1.78	852
5-13	H. H. Odell	1190	2.03	2.65	2420
6-12	do	295	1.67	1.65	492
7-14	Odell-Ham			0.35	0
8- 8	C. B. Ham			0.30	0
9-17	do			0.24	0
PLATTE RIVER AT ASHLAND					
10-14	F. N. Hansen	1190	1.01	1.09	2200
10-19	H. H. Odell	1250	1.89	1.13	2360
10-28	do	1430	1.89	1.34	2710
11-10	C. H. Jennings	1390	2.31	1.41	3210
11-18	L. F. Hanks	1650	2.27	1.71	3760
11-28	do	2040	2.52	2.20	5110
12- 8	C. H. Jennings	1750	2.53	2.04	1440
12-31	do	1590	0.78	2.00	1250
1-11	H. P. Eisenhuth	1270	1.54	2.44	1960
1-26	do	1160	1.48	2.72	1720
1-30	F. N. Hansen	1800	1.31	3.01	2350
2- 5	H. P. Eisenhuth	1310	1.55	3.24	2080
2-20	Hansen-Jennings	1420	1.22	2.92	1740
3- 9	L. R. Sawyer	8400	3.69	6.35	31000
3-20	do	2360	2.59	3.29	6110
4- 4	V. R. Bennion	1730	2.12	2.60	3660
4-10	H. P. Eisenhuth	1940	2.13	2.84	4130
4-20	do	1760	1.97	2.72	3170
5- 2	V. R. Bennion	1780	2.30	3.12	4090
5-11	H. H. Odell	2730	2.66	3.94	7260
5-20	do	1660	2.28	2.76	3790
6- 1	C. H. Jennings	1700	2.14	2.40	3610
6-16	H. H. Odell	1740	2.25	3.05	3920
6-15	University Students	1344	1.94	2.27	2603
6-18	H. H. Odell	973	1.93	1.80	1870
6-20	University Students	977	1.85	1.72	1808

MEASUREMENTS OF PLATTE RIVERS—Concluded
Year Ending September 30, 1936

Date	Hydrographer	Area	Velocity	Gage	Sec.-ft.
PLATTE RIVER AT ASHLAND—Concluded					
7- 1	V. R. Bennion	796	1.81	1.48	1440
7-13	Ham-Odell	500	1.42	0.88	711
7-13	University Students	648	1.19	0.90	772
7-16	do	535	1.31	0.86	702
7-21	C. B. Ham	516	1.50	0.92	773
7-31	H. C. Bolan	311	1.89	0.80	589
8-10	C. B. Ham	753	1.70	1.68	1250
8-19	do	508	1.55	1.12	789
9- 2	Hansen-Masnier	749	1.53	1.55	1150
9-11	C. B. Ham	1050	2.00	2.01	2100
9-22	do	908	2.07	1.99	1880

DISCHARGE MEASUREMENTS OF STREAMS
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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ALLIANCE CANAL WASTE
Into Red Willow Creek—Sec. 6-20-51 W.

9- 9	F. F. LeFever	7.9	9-24	F. F. LeFever	7.4
9-13	do	7.9			

ANTELOPE CREEK
Main Street of Gordon—Sec. 30-33-41 W.

11- 1	A. E. Johnston	0.0	6-11	A. E. Johnston	1.0
12- 3	do	0.0	7-11	do	0.4
1-17	do	0.0	9-10	do	0.0
5-20	do	2.4			

ARIKAREE RIVER
Halgler—Sec. 28-1-41 W.

10-23	A. E. Johnston	5.7	5-27	A. E. Johnson	38.4
11-24	do	27.4	6-28	Odell-Bailey	127.0
1-14	A. W. Hall	17.8	7-13	Boyer-Bailey	4.6
2-22	A. E. Johnston	17.4	7-17	A. W. Hall	3.3
3-22	do	12.3	8-22	A. E. Johnston	6.5
4-26	do	59.9	9-13	A. W. Hall	6.1
5-11	A. W. Hall	19.4			

ASH CREEK
Whitney—Sec. 7-32-50 W.

10-31	A. E. Johnston	2.6	5-14	A. E. Johnston	2.3
12- 1	do	1.9	6-14	do	14.2
1-15	do	2.4	7- 9	do	0.7
2-12	do	2.1	8- 2	do	0.0
3-15	do	4.5	9- 7	do	0.5

ASH CREEK

Sec. 27-16-42 W.

9-13	A. W. Hall	1.4			
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BALD DRAIN
Sec. 32-23-56 W.

11-21	F. F. LeFever	2.8	6-12	F. F. LeFever	3.5
12-27	do	1.7	7-10	do	1.9
2- 5	do	1.6	8- 5	do	5.1
3- 6	LeFever-Ball	1.2	8-22	do	3.7
4-17	F. F. LeFever	0.3	9-11	do	4.7
5-15	do	1.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BAYARD SUGAR FACTORY DRAIN					
West Line of Sec. 4-20-52 W.					
10- 4	F. F. LeFever	21.1	5-17	F. F. LeFever	24.9
11-22	do	21.9	6-14	do	26.6
12-28	do	26.9	6-28	do	0.0
1-24	do	28.8	7-12	do	12.4
2- 8	do	25.0	7-21	do	10.0
3- 8	do	26.8	8- 7	do	26.1
4- 4	do	24.6	9- 3	do	29.6
5- 3	do	26.4	9-13	do	35.6
BAZILLE CREEK					
Bazille Mills—Sec. 4-29-5 W.					
11- 8	A. E. Johnston	17.5			
BAZILLE CREEK					
Niobrara—Sec. 21-32-5 W.					
11- 4	H. P. Eisenhuth	27.3	5-15	K. W. Dickey	51.9
12- 1	M. C. Boyer	37.3	6-19	H. P. Eisenhuth	45.0
1- 6	LeFever-Dickey	21.0	7-22	M. C. Boyer	11.6
2-15	K. W. Dickey	37.1	8-21	H. P. Eisenhuth	24.4
3-18	do	57.2	9-24	H. H. Odell	9.8
4-22	M. C. Boyer	45.7			
BEAR CREEK					
Eli—Sec. 25-34-36 W.					
11- 1	A. E. Johnston	12.4	5-20	A. E. Johnston	93.3
12- 3	do	17.0	6-11	do	23.9
1-17	do	13.2	7-11	do	8.8
2-14	do	14.6	7-31	do	4.1
3-13	do	18.9	9-10	do	7.5
4- 9	do	26.6			
BEAUTY CREEK					
Franklin—Sec. 31-2-14 W.					
10-19	A. E. Johnston	0.4	1-30	A. E. Johnston	0.7
1-30	do	0.8	8-16	do	0.0
BEAVER CREEK					
Sec. 33-2-8 W.					
10-19	A. E. Johnston	0.4			
BEAVER CREEK					
Albion—Sec. 15-20-6 W.					
11- 5	H. P. Eisenhuth	41.4	5-14	K. W. Dickey	72.7
11-21	M. C. Boyer	50.7	6-19	H. P. Eisenhuth	84.8
1- 5	F. F. LeFever	41.8	7-25	M. C. Boyer	36.9
2-16	K. W. Dickey	70.9	8-23	H. P. Eisenhuth	36.1
3-17	do	60.4	9-23	H. H. Odell	31.0
4-21	M. C. Boyer	358.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BEAVER CREEK					
Woodville—Sec. 18-18-4 W.					
11- 7	A. E. Johnston	73.8			
BEAVER CREEK					
Genoa—Sec. 14-17-4 W.					
11- 2	Wayne Cantral	57.5	4-24	Wayne Cantral	482.0
1- 7	A. E. Johnston	74.1	4-25	do	1810.0
4- 3	Wayne Cantral	106.0			
BELMONT CANAL WASTE					
Into Pumpkinseed Creek—Sec. 23-19-50 W.					
10- 1	F. F. LeFever	18.2	4- 5	F. F. LeFever	10.1
BELMONT CANAL WASTE					
Into Cedar Creek—Sec. 23-18-48 W.					
8-26	F. F. LeFever	1.7	9-17	F. F. LeFever	3.1
BELMONT CANAL WASTE					
Sand Draw—Sec. 26-18-47 W.					
10- 1	F. F. LeFever	4.0			
BERRY CREEK					
Sec. 22-34-26 W.					
9-12	A. E. Johnston	4.5			
BIRDWOOD CREEK					
Hershey—Sec. 2-14-33 W.					
10- 8	A. E. Johnston	183.5	5- 6	A. E. Johnston	176.0
11-15	do	217.0	5-17	A. W. Hall	192.0
12-11	F. F. LeFever	174.0	6- 8	do	162.0
12-15	A. E. Johnston	186.7	6-26	A. E. Johnston	168.1
1- 2	F. F. LeFever	172.0	7- 8	A. W. Hall	149.0
1-11	A. E. Johnston	178.7	7-22	do	151.0
2- 5	do	190.0	8-17	F. F. LeFever	113.7
3- 2	do	212.0	9- 7	A. W. Hall	148.0
3-29	do	182.0	9-27	A. E. Johnston	110.2
BLACKWOOD CREEK					
East of Culbertson—Sec. 15-3-31 W.					
1-13	A. W. Hall	2.1	7-17	A. W. Hall	7.8
7- 2	do	4.8	9-12	do	7.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BLUE CREEK					
Lewellen—Sec. 30-16-42 W.					
10- 9	A. E. Johnston	58.2	6- 8	A. W. Hall	102.3
11-16	do	40.7	6-15	do	94.7
12- 8	do	107.0	6-24	A. E. Johnston	114.0
1-12	do	121.9	7- 2	do	80.9
2- 6	do	131.0	7- 9	A. W. Hall	17.5
3- 1	do	104.0	7-23	do	30.6
3-30	do	43.2	8-17	F. F. LeFever	79.9
4-23	A. W. Hall	1.0	9- 6	A. W. Hall	2.7
5- 9	A. E. Johnston	67.7	9-25	A. E. Johnston	31.9
5-18	A. W. Hall	123.2			
BLUE HOLE CREEK					
Near Head of Kearney Canal—Sec. 4-8-18 W.					
10- 1	A. E. Johnston	2.0	10- 7	A. E. Johnston	2.0
10- 3	do	2.0	10-17	do	3.0
BLUE RIVER, BIG					
Northwest of Ulysses—Sec. 24-13-1 E.					
1-26	A. E. Johnston	4.3			
BLUE RIVER, BIG					
Seward—Sec. 28-11-3 E.					
11-12	A. E. Johnston	68.9	1-26	A. E. Johnston	6.8
BLUE RIVER, BIG					
Barnston—Sec. 13-1-7 E.					
10-30	H. P. Eisenhuth	79.1	5- 9	K. W. Dickey	275.0
12- 5	M. C. Boyer	40.4	6-14	Bailey-Odell	302.0
1-15	K. W. Dickey	262.0	7-18	M. C. Boyer	334.0
2-28	do	312.0	8-20	H. P. Eisenhuth	21.3
3-22	do	247.0	9-19	H. H. Odell	137.0
4-12	M. C. Boyer	311.0			
BLUE RIVER, LITTLE					
Deshler—Sec. 20-3-4 W.					
10-31	H. P. Eisenhuth	17.0	5- 8	K. W. Dickey	100.0
12- 6	M. C. Boyer	27.9	6-13	Bailey-Odell	153.0
1-16	K. W. Dickey	24.7	7-17	M. C. Boyer	53.2
3- 1	do	133.0	8-19	H. P. Eisenhuth	30.1
3-21	do	84.1	9-18	H. H. Odell	72.7
4-12	M. C. Boyer	111.0			
BLUE RIVER, LITTLE					
Hebron—Sec. 6-2-2 W.					
1-29	A. E. Johnston	161.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BLUE RIVER, LITTLE					
Endicott—Sec. 5-1-3 E.					
10-31	H. P. Eisenhuth	73.8	4-12	M. C. Boyer	122.0
12- 6	M. C. Boyer	98.0	5- 9	K. W. Dickey	166.0
1-15	K. W. Dickey	125.0	6-13	Bailey-Odell	434.0
1-28	A. E. Johnston	66.1	6-18	M. C. Boyer	151.0
3- 1	K. W. Dickey	87.9	8-20	H. P. Eisenhuth	49.1
3-22	do	105.0	9-19	H. H. Odell	142.0
BOARDMAN CREEK					
Boardman Canal—Sec. 33-30-32 W.					
4- 5	A. E. Johnston	13.7			
BOARDMAN CREEK					
Bachelor Ranch—Sec. 32-30-31 W.					
4- 5	A. E. Johnston	13.1			
BOGGY CREEK					
Below Wickersham Diversion Dam—Sec. 31-33-54 W.					
7- 6	A. E. Johnston	0.0	8- 3	Johnston-Rasmussen	0.1
BOGUS CREEK					
St. Edward—Sec. 12-18-5 W.					
11- 7	A. E. Johnston	4.4			
BOONE CREEK					
Ainsworth—Sec. 24-31-22 W.					
11- 3	A. E. Johnston	3.8	2-18	A. E. Johnston	4.4
1-21	do	4.1	9-14	do	2.1
BORDEAUX CREEK, LITTLE					
Below Hartzil Canal—Sec. 13-33-48 W.					
10-31	A. E. Johnston	4.5	5-24	A. E. Johnston	5.4
12- 1	do	1.4	6-14	do	3.4
1-16	do	2.9	7-10	do	4.0
2-13	do	2.3	7-19	do	3.5
3-14	do	4.6	8- 2	do	2.7
4-12	do	3.1	9- 9	do	2.1
BORDEAUX CREEK, BIG					
Chadron—Sec. 14-33-48 W.					
10-31	A. E. Johnston	3.9	5-24	A. E. Johnston	3.8
12- 1	do	4.2	6-14	do	5.8
1-16	do	6.3	7-10	do	3.2
2-13	do	3.2	7-19	do	3.2
3-14	do	2.6	8- 2	do	3.8
4-12	do	5.8	9- 9	do	2.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BORDEAUX CREEK, BIG					
Chris Gochnauer's Ranch—Sec. 10-33-48 W.					
7-10	A. E. Johnston	1.6	9-9	A. E. Johnston	2.1
8-2	do	3.4			
BORDEAUX CREEK, BIG					
Below Thomas Canal—Sec. 34-34-48 W.					
3-11	A. E. Johnston	7.9	7-10	A. E. Johnston	4.3
5-24	do	6.4	8-2	do	9.5
6-14	do	10.1	9-9	do	3.4
BUFFALO CREEK					
Jenkins' Ranch—Sec. 20-1-40 W.					
10-23	A. E. Johnston	10.2	5-11	A. W. Hall	4.7
11-21	do	10.5	5-27	A. E. Johnston	7.7
1-14	A. W. Hall	11.4	7-2	A. W. Hall	18.1
2-22	A. E. Johnston	10.1	7-17	do	5.8
3-22	do	12.2	8-22	A. E. Johnston	4.3
4-26	do	7.3			
BUFFALO CREEK					
Elm Creek—Sec. 33-9-18 W.					
10-1	A. E. Johnston	4.6	4-12	A. W. Hall	9.7
10-3	do	0.2	4-25	do	12.0
10-7	do	16.1	5-2	A. E. Johnston	27.1
10-17	do	11.0	5-14	A. W. Hall	38.0
11-12	do	19.2	6-12	do	9.2
12-14	do	3.9	6-28	A. E. Johnston	62.9
1-9	do	2.0	7-6	A. W. Hall	17.2
2-1	do	3.7	7-20	do	11.1
2-19	do	4.3	9-10	do	5.5
3-6	do	3.1	9-13	do	6.9
3-27	do	32.8	9-30	A. E. Johnston	3.6
BULL DRAIN					
Maxwell—Sec. 19-13-28 W.					
10-16	A. E. Johnston	2.2	5-3	A. E. Johnston	2.7
3-5	do	6.6	6-29	do	3.2
3-28	do	3.0	9-9	A. W. Hall	1.0
BUSHY CREEK					
Above Junction with Medicine Creek—Sec. 36-8-29 W.					
2-4	A. E. Johnston	2.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BURTON CREEK					
Burton—Sec. 19-34-19 W.					
3-11	A. E. Johnston	1.9	9-12	A. E. Johnston	0.2
7-17	do	0.2			
BURTON CREEK					
Below Otto Mutz Canal—Sec. 20-34-19 W.					
9-12	A. E. Johnston	0.6			
CAIN CREEK					
Republican City—Sec. 7-1-17 W.					
10-20	A. E. Johnston	0.1			
CALAMUS RIVER					
Harrop—Sec. 24-23-18 W.					
11- 2	H. P. Eisenhuth	198.0	5-17	K. W. Dickey	233.0
11-22	M. C. Boyer	235.0	6-21	H. P. Eisenhuth	219.0
1- 7	LeFever-Dickey	223.0	7-21	M. C. Boyer	202.0
2-14	K. W. Dickey	221.0	8-26	H. P. Eisenhuth	186.0
3-19	do	187.0	9-25	H. H. Odell	177.0
4-16	M. C. Boyer	228.0			
CALAMUS RIVER					
Taylor—Sec. 22-23-18 W.					
1-21	A. E. Johnston	280.0			
CAMP CREEK					
West of Stratton—Sec. 14-2-35 W.					
5-28	A. E. Johnston	12.4			
CAMP CLARK SEEP					
Sec. 9-20-51 W.					
11-22	F. F. LeFever	2.1	7-27	A. E. Johnston	2.6
2- 8	do	1.4	8- 7	F. F. LeFever	2.8
7-12	do	2.6	9-13	do	4.3
CASTLE ROCK WASTE					
West of McGrew—Sec. 34-21-53 W.					
9-24	F. F. LeFever	6.8			
CEDAR BRANCH CREEK					
Nevins—Sec. 17-14-35 W.					
10- 8	A. E. Johnston	2.7	3- 2	A. E. Johnston	1.8
11-15	do	2.5	3-29	do	1.3
12-17	do	1.7	5- 7	do	2.1
1-11	do	1.5	6-26	do	2.2
2- 5	do	1.7	9-25	do	1.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CEDAR CREEK					
Sec. 11-18-48 W.					
10- 1	F. F. LeFever	3.2	5-22	F. F. LeFever	16.0
10-11	A. E. Johnston	13.8	6-13	do	16.6
11-17	do	7.6	7-10	do	15.2
12-17	do	13.3	7-25	A. W. Hall	12.6
2- 7	do	13.6	8- 5	do	14.0
2-22	do	11.9	8-26	F. F. LeFever	3.2
4- 5	F. F. LeFever	3.4	9- 4	do	3.1
5- 4	do	12.1	9-17	do	5.4
5-10	A. E. Johnston	4.1	9-21	A. E. Johnston	4.2
CEDAR CREEK					
Spaulding—Sec. 34-20-9 W.					
11- 6	A. E. Johnston	157.0			
CEDAR CREEK					
Fullerton—Sec. 11-16-6 W.					
11- 5	H. P. Eisenhuth	174.0	5-14	K. W. Dickey	253.0
11-24	M. C. Boyer	241.0	6-18	H. P. Eisenhuth	339.0
1- 5	F. F. LeFever	170.0	7-25	M. C. Boyer	217.0
2-16	K. W. Dickey	233.0	8-23	H. P. Eisenhuth	153.0
3-17	do	200.0	9-23	H. H. Odell	142.0
4-24	M. C. Boyer	2000.0			
CENTER CREEK					
Franklin—Sec. 1-1-15 W.					
10-20	A. E. Johnston	3.2	1-30	A. E. Johnston	3.2
1-31	do	8.0	8-17	do	0.6
3-26	do	2.8			
CHADRON CREEK					
One-half Mile above City Reservoir—Sec. 19-32-48 W.					
10-31	A. E. Johnston	2.7	5-24	A. E. Johnston	3.1
12- 6	do	3.4	6-14	do	3.4
1-15	do	1.6	7-10	do	2.7
2-13	do	2.4	7-19	do	1.3
3-14	do	3.1	8- 4	do	1.4
4-17	do	2.6	9- 9	do	1.8
CHADRON CREEK					
100 Feet below City Reservoir—Sec. 18-32-48 W.					
10-31	A. E. Johnston	0.7	5-21	A. E. Johnston	1.8
12- 6	do	2.3	6-14	do	1.2
1-15	do	0.6	7-10	do	0.8
2-13	do	1.5	7-19	do	1.2
3-14	do	1.0	8- 4	do	1.2
4-17	do	1.3	9- 9	do	0.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CHADRON CREEK					
Station 36 of Pipe Line—Sec. 12-32-49 W.					
10-31	A. E. Johnston	0.1	5-24	A. E. Johnston	1.0
12- 6	do	1.2	6-14	do	1.5
1-15	do	0.3	7-10	do	0.1
2-13	do	1.1	7-19	do	0.1
3-14	do	0.7	8- 4	do	0.0
4-17	do	1.0	9- 9	do	0.1
CHADRON CREEK					
Chadron-Crawford Highway—Sec. 2-32-49 W.					
10-31	A. E. Johnston	0.0	6-14	A. E. Johnston	2.5
1-15	do	0.5	7- 9	do	0.1
2-12	do	1.4	7-19	do	0.3
3-15	do	1.4	8- 2	do	0.8
4-17	do	1.4	9- 9	do	0.1
5-11	do	3.9			
CHIMNEY CREEK					
Sec. 24-33-23 W.					
11- 3	A. E. Johnston	0.7	9-12	A. E. Johnston	0.0
7-17	do	0.0			
CHIMNEY ROCK CANAL WASTE NO. 1					
Sec. 14-20-52 W.					
4-19	F. F. LeFever	8.0			
CLEAR CREEK					
Sec. 32-16-41 W.					
10- 9	A. E. Johnston	6.1	5-17	A. W. Hall	11.4
11-16	do	3.0	6- 8	do	7.5
12- 8	do	6.9	6-25	A. E. Johnston	13.7
1-12	do	10.2	7- 2	do	0.1
2- 6	do	12.3	7- 9	A. W. Hall	0.0
3- 1	do	10.5	7-23	do	0.3
3-30	do	0.1	9- 6	do	1.9
5- 4	do	3.4	9-25	A. E. Johnston	4.2
5- 8	do	6.6			
CLEAR CREEK, UPPER					
Ashland—Sec. 35-13-9 E.					
10-29	H. P. Eisenhuth	3.3	5-10	K. W. Dickey	4.8
12- 4	M. C. Boyer	2.1	6-13	H. P. Eisenhuth	9.6
1-13	K. W. Dickey	6.8	7-19	M. C. Boyer	5.9
2-27	do	2.6	8-21	H. P. Eisenhuth	2.0
3-12	do	14.4	9-20	H. H. Odell	2.0
4-26	M. C. Boyer	3.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CLEVELAND DRAIN Sec. 6-20-52 W.					
11-22	F. F. LeFever	1.0	7-12	F. F. LeFever	11.0
2- 8	do	0.6	8- 5	do	3.5
5- 3	do	2.7	8-24	do	6.1
5-17	do	2.5	9-13	do	8.0
6-14	do	3.7			
COLD WATER CREEK Sec. 34-18-46-W.					
12-18	A. E. Johnston	1.3	5-10	A. E. Johnston	0.2
1-12	do	3.5	6-24	do	4.1
2- 7	do	2.7	9-21	do	0.1
2-28	do	0.2			
COTTONWOOD CREEK, BIG Below Bloomington Power House—Sec. 36-2-16 W.					
10-20	A. E. Johnston	3.2	1-30	A. E. Johnston	3.8
3-25	do	4.2	8-17	do	1.6
COTTONWOOD CREEK, LITTLE West of Bloomington—Sec. 6-1-15 W.					
10-20	A. E. Johnston	1.5	8-17	A. E. Johnston	0.2
1- 31	do	2.0			
COTTONWOOD CREEK, BIG Sec. 22-33-50 W.					
10-31	A. E. Johnston	0.3	4-17	A. E. Johnston	10.1
12- 1	do	0.0	5-14	do	1.1
1-15	do	0.0	7- 9	do	2.3
2-12	do	0.6	8- 2	do	6.9
3-15	do	0.6	9- 7	do	0.4
4-12	do	13.7			
COTTONWOOD CREEK Dunlap—Sec. 27-29-48 W.					
12- 6	A. E. Johnston	0.4	6-19	A. E. Johnston	3.2
1-15	do	1.4	6-26	A. W. Hall	2.4
2-11	do	0.9	7- 5	A. E. Johnston	0.2
3-16	do	2.2	7-29	do	0.0
4-17	do	0.7	8- 5	Johnston-Rasmussen	0.0
5-13	do	2.6	9- 5	A. E. Johnston	0.0
5-24	do	1.8	9-17	do	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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COTTONWOOD CREEK, LITTLE
 Sec. 8-32-52 W.

3-15	A. E. Johnston	0.2	6-15	A. E. Johnston	2.3
4-30	do	1.5	7- 9	do	0.8
5-16	do	0.1			

COTTONWOOD CREEK, LITTLE
 South of Whitney Pipe Line Outlet—Sec. 8-32-51 W.

10-31	A. E. Johnston	0.0	5-14	A. E. Johnston	1.2
12- 1	do	0.0	6-14	do	3.1
1-15	do	0.0	7- 9	do	0.2
2-12	do	0.1	8- 2	do	0.1
3-15	do	0.7	9- 7	do	0.0
4-17	do	5.9			

COZAD CANAL TAIL WASTE
 Into Dawson County Canal—Sec. 6-10-22 W.

5- 3	A. E. Johnston	0.0	6-29	A. E. Johnston	0.0
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CROOKED CREEK
 Otto Mutz Dam—Sec. 19-34-19 W.

3-11	A. E. Johnston	1.4			
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CROOKED CREEK
 Red Cloud—Sec. 1-1-11 W.

10-10	A. E. Johnston	0.5			
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CUB CREEK
 At the Mouth—Sec. 33-33-22 W.

11- 3	A. E. Johnston	1.2	9-12	A. E. Johnston	0.6
7-17	do	0.6			

DAWSON COUNTY DRAIN
 Darr—Sec. 25-10-23 W.

12-13	A. E. Johnston	2.6	6-29	A. E. Johnston	9.3
3- 5	do	1.4	7- 6	A. W. Hall	5.6
5-15	A. W. Hall	6.8	7-20	do	3.0
6- 6	do	10.3	9-10	do	3.6

DAWSON COUNTY WASTE
 Into Buffalo Creek—Sec. 1-10-22 W.

10- 1	A. E. Johnston	9.4	5- 3	A. E. Johnston	0.0
10- 7	do	34.3	6-29	do	0.0
11-14	do	20.6	9-10	A. W. Hall	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DAWSON COUNTY WASTE					
Into French Creek—Sec. 1-10-22 W.					
10- 1	A. E. Johnston	7.4	11-14	A. E. Johnston	4.8
10- 7	do	14.9	5-15	A. W. Hall	0.0
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
10-31	A. E. Johnston	1.2	6-14	A. E. Johnston	4.7
1-15	do	0.7	7- 9	do	0.8
2-12	do	3.0	8- 2	do	0.6
3-15	do	3.8	9- 7	do	1.2
5-14	do	5.5			
DEEP CREEK					
Sec. 15-3-20 W.					
10-20	A. E. Johnston	0.4	3-25	A. E. Johnston	0.2
DEEP CREEK					
West of Orleans—Sec. 22-3-20 W.					
4-29	A. E. Johnston	0.4			
DEER CREEK					
Holbrook—Sec. 21-4-24 W.					
10-20	A. E. Johnston	3.4	4-29	A. E. Johnston	6.6
DeGRAW DRAIN					
Sec. 24-20-51 W.					
10- 4	F. F. LeFever	2.1	5-17	F. F. LeFever	3.8
11-24	do	3.0	7-12	do	1.3
2- 8	do	3.7	7-27	A. E. Johnston	1.2
3- 8	do	3.9	8- 7	F. F. LeFever	1.1
4-18	do	2.0	9-13	do	1.6
DISMAL RIVER					
Dunning—Sec. 4-21-24 W.					
11- 1	H. P. Eisenhuth	317.0	4-15	M. C. Boyer	369.0
11-21	M. C. Boyer	384.0	5-18	K. W. Dickey	387.0
1- 8	LeFever-Dickey	347.0	6-21	H. P. Eisenhuth	341.0
1-22	A. E. Johnston	279.0	7-24	M. C. Boyer	380.0
2-12	K. W. Dickey	344.0	8-27	H. P. Eisenhuth	325.0
3-20	do	348.0	9-26	H. H. Odell	340.0
DRIFTWOOD CREEK					
McCook—Sec. 1-2-30 W.					
1-13	A. W. Hall	0.0	7- 3	A. W. Hall	0.0
4-27	A. E. Johnston	4.4	9-12	do	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DRY CREEK					
Merriman—Sec. 20-35-37 W.					
11- 1	A. E. Johnston	0.0	6-11	A. E. Johnston	10.2
12- 3	do	0.0	7-11	do	0.0
2-14	do	5.0	7-30	do	0.0
3-13	do	4.0	8- 1	do	0.0
4- 9	do	12.2	9-10	do	0.0
5-20	do	32.2			
DRY CREEK					
Sec. 32-2-10 W.					
10-19	A. E. Johnston	0.0			
DRY DRAW					
East of Inavale—Sec. 31-2-11 W.					
10-19	A. E. Johnston	0.0			
DUGOUT CREEK, UPPER					
Sec. 20-20-50 W.					
10- 5	F. F. LeFever	0.3	6-28	F. F. LeFever	0.3
11-24	do	0.6	7-12	do	1.0
2- 8	do	0.3	7-27	A. E. Johnston	1.8
5- 3	do	0.3	8- 7	F. F. LeFever	3.5
5-17	do	0.3	9-13	do	3.7
DUGOUT CREEK, LOWER					
Sec. 4-19-48 W.					
5-22	F. F. LeFever	1.5			
EAGLE CREEK					
Sec. 20-32-11 W.					
7-16	A. E. Johnston	17.8			
ELK CREEK					
Arapahoe—Sec. 24-4-23 W.					
10-20	A. E. Johnston	44.9			
ELKHORN RIVER					
O'Neill—Sec. 31-29-11 W.					
11- 2	H. P. Eisenhuth	19.5	5-16	K. W. Dickey	75.5
11-28	M. C. Boyer	25.9	6-19	H. P. Eisenhuth	67.2
1- 7	Dickey-LeFever	16.4	7-23	M. C. Boyer	39.7
2-14	K. W. Dickey	47.9	8-26	H. P. Eisenhuth	18.0
3-18	do	44.0	9-21	H. H. Odell	12.5
4-17	M. C. Boyer	83.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ELKHORN RIVER					
Neligh—Sec. 20-25-6 W.					
11- 5	H. P. Eisenhuth	104.0	5-15	K. W. Dickey	310.0
11-25	M. C. Boyer	138.0	6-19	H. P. Eisenhuth	347.0
1- 6	Dickey-LeFever	98.0	6-26	do	277.0
2-15	K. W. Dickey	196.0	7-23	M. C. Boyer	260.0
3-17	do	167.0	8-23	H. P. Eisenhuth	57.3
4-24	M. C. Boyer	229.0	9-24	H. H. Odell	57.0
ELKHORN RIVER					
Pierce—Sec. 26-26-2 W.					
11- 7	A. E. Johnston	21.6	1- 7	A. E. Johnston	37.8
ELKHORN RIVER					
Norfolk—Sec. 22-24-1 W.					
11- 7	A. E. Johnston	50.6	3- 8	A. E. Johnston	112.3
1- 7	do	90.4			
ELKHORN RIVER					
Waterloo—Sec. 10-15-10 E.					
10-27	H. P. Eisenhuth	338.0	5-11	K. W. Dickey	657.0
12- 3	M. C. Boyer	229.0	6-14	H. P. Eisenhuth	1090.0
1-14	K. W. Dickey	368.0	6-25	do	1030.0
2-26	do	177.0	7-26	M. C. Boyer	345.0
3-13	do	778.0	8-22	H. P. Eisenhuth	778.0
4-27	M. C. Boyer	2830.0	9-21	H. H. Odell	208.0
ELM CREEK					
Elm Creek—Sec. 33-9-18 W.					
11-13	A. E. Johnston	0.0	5- 2	A. E. Johnston	10.3
12-14	do	12.9	5-14	A. W. Hall	20.3
1- 9	do	0.0	6-12	do	1.0
2-19	do	0.0	6-28	A. E. Johnston	394.6
3- 6	do	11.9	7- 6	A. W. Hall	7.1
3-27	do	12.2	9-10	do	12.1
4-12	A. W. Hall	0.5	9-30	A. E. Johnston	4.6
4-25	do	1.0			
ELM CREEK					
Lester—Sec. 34-2-10 W.					
10-19	A. E. Johnston	13.9	1-30	A. E. Johnston	14.9
1-30	do	14.0	8-16	do	8.3
ENTERPRISE CANAL WASTE					
Into Winters Creek—Sec. 17-22-54 W.					
8- 6	F. F. LeFever	9.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
EUREKA CREEK					
Sec. 1-1-17 W.					
10-20	A. E. Johnston	0.0	4-29	A. E. Johnston	0.0
3-25	do	0.0	9-11	A. W. Hall	1.4
FAIRFIELD SEEP					
Sec. 18-21-53 W.					
10- 4	F. F. LeFever	0.5	6-17	F. F. LeFever	2.2
2- 6	do	0.2	8- 6	do	2.0
5- 3	do	3.1	8-24	do	2.2
5-16	do	1.8	9-13	do	1.5
FANNING SEEP					
One-half Mile North Mitchell Bridge—Sec. 28-23-56 W.					
11-21	F. F. LeFever	2.7	7-10	F. F. LeFever	1.4
12-27	do	2.1	8- 5	do	1.9
4-17	do	2.0	8-22	do	2.8
5-15	do	3.8	9-11	do	3.8
6-12	do	9.6			
FANNING SEEP					
Dry Spotted Tail Siphon—West Line of Sec. 28-23-56 W.					
2- 5	F. F. LeFever	2.0			
FARMERS CREEK					
Riverton—Sec. 5-1-12 W.					
1-30	A. E. Johnston	2.7	8-16	A. E. Johnston	0.0
4-30	do	1.0			
FAWCUS SPRINGS					
Sec. 24-20-52 W.					
10- 1	A. W. Hall	0.8			
FLAG CREEK					
Orleans—Sec. 16-2-19 W.					
10-20	A. E. Johnston	0.2	9-11	A. W. Hall	2.2
4-29	do	0.3			
FOSTER CREEK					
Sec. 26-3-20 W.					
10-20	A. E. Johnston	0.1	9-11	A. W. Hall	0.5
4-29	do	0.2			
FREMONT SLOUGH					
North Platte—Sec. 16-13-30 W.					
5- 4	A. E. Johnston	7.2	9- 9	A. W. Hall	0.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCH CREEK					
Sec. 1-10-22 W.					
5- 3	A. E. Johnston	34.1	6-29	A. E. Johnston	4.4
5-15	A. W. Hall	18.9			
FRENCHMAN RIVER					
Above Maranville Reservoir—Sec. 10-6-41 W.					
10-24	A. E. Johnston	5.0	4-24	A. E. Johnston	4.4
11-20	do	4.0	5- 8	A. W. Hall	4.9
1- 9	A. W. Hall	4.6	6-30	do	7.7
2-23	A. E. Johnston	3.8	7-15	do	5.4
3-21	do	3.9	8-23	A. E. Johnston	3.0
FRENCHMAN RIVER					
Below Maranville Reservoir—Sec. 11-6-41 W.					
10-24	A. E. Johnston	4.6	4-24	A. E. Johnston	3.0
11-20	do	5.1	5- 8	A. W. Hall	3.7
1- 9	A. W. Hall	3.6	6-30	do	7.0
2-23	A. E. Johnston	2.0	7-15	do	6.8
3-21	do	5.4	8-23	A. E. Johnston	4.9
FRENCHMAN RIVER					
Below Inman Canal—Sec. 17-6-40 W.					
10-24	A. E. Johnston	19.2	3-21	A. E. Johnston	22.5
11-20	do	25.0	4-24	do	6.8
2-23	do	20.8	8-23	do	19.7
FRENCHMAN RIVER					
Above Champion Lake—Sec. 22-6-40 W.					
1- 9	A. W. Hall	23.8	5- 9	A. W. Hall	24.1
FRENCHMAN RIVER					
Below Champion Canal Diversion Dam—West Line of Sec. 23-6-40 W.					
10-24	A. E. Johnston	28.7	3-21	A. E. Johnston	6.4
11-20	do	20.7	4-24	do	0.9
2-23	do	1.1	8-23	do	24.7
FRENCHMAN RIVER					
Above Champion—Sec. 19-6-39 W.					
10-18	L. F. Hanks	34.3	5- 8	A. W. Hall	17.7
10-24	A. E. Johnston	36.2	5-29	A. E. Johnston	98.8
11-20	do	31.3	6-15	Odell-Baily	30.6
11-21	do	30.7	6-30	A. W. Hall	31.2
1- 9	A. W. Hall	26.7	7-15	do	31.2
2-23	A. E. Johnston	10.6	8-15	H. P. Eisenhuth	28.3
3- 2	F. F. LeFever	40.3	8-23	A. E. Johnston	31.8
3-21	A. E. Johnston	15.8	9-14	A. W. Hall	35.6
4-24	do	10.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCHMAN RIVER					
Below Champion—SW $\frac{1}{4}$ Sec. 22-6-39 W.					
1-10	A. W. Hall	45.4	5-29	A. E. Johnston	130.0
3- 2	F. F. LeFever	46.5	6-15	Odell-Baily	70.6
3-21	A. E. Johnston	31.5	6-30	A. W. Hall	38.4
4-24	do	26.3	7-16	do	17.3
4-27	A. W. Hall	42.7	8-23	A. E. Johnston	74.1
5- 8	do	24.4	9-14	A. W. Hall	51.3
FRENCHMAN RIVER					
South of Imperial—Sec. 30-6-38 W.					
7-16	A. W. Hall	10.5			
FRENCHMAN RIVER					
Hardy Dam Site—Sec. 3-5-38 W.					
7-16	A. W. Hall	67.4			
FRENCHMAN RIVER					
Enders—Sec. 2-5-37 W.					
4-24	A. E. Johnston	76.6			
FRENCHMAN RIVER					
Hamlet—Sec. 19-5-34 W.					
10-17	L. F. Hanks	94.2	5- 9	A. W. Hall	92.4
10-24	A. E. Johnston	118.1	5-28	A. E. Johnston	915.0
11-22	do	125.0	6-15	Odell-Baily	124.0
1-10	A. W. Hall	103.6	7- 1	A. W. Hall	108.0
2-23	A. E. Johnston	95.2	7-16	do	71.5
3- 4	F. F. LeFever	116.0	8-16	H. P. Eisenhuth	69.5
3-21	A. E. Johnston	99.8	8-23	A. E. Johnston	74.9
4-24	do	100.3	9-14	A. W. Hall	82.4
FRENCHMAN RIVER					
Tail-Waste Hoke Plant—Sec. 21-6-39 W.					
4-27	A. W. Hall	14.8			
FRENCHMAN RIVER					
Culbertson—Sec. 17-3-31 W.					
10-22	A. E. Johnston	53.6	5-28	A. E. Johnston	6720.0
11-22	do	93.4	6- 9	Baily-Odell	293.0
1-10	A. W. Hall	177.0	7- 1	A. W. Hall	215.0
2-21	A. E. Johnston	161.0	7-17	do	91.4
3-23	do	160.0	8-17	H. P. Eisenhuth	9.5
4-25	do	162.3	8-21	A. E. Johnston	13.1
5-10	A. W. Hall	46.8	9-13	A. W. Hall	100.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
GEBAUER DRAIN Sec. 28-20-50 W.					
6-21	A. E. Johnston	0.0			
GERING DRAIN Sec. 6-21-54 W.					
10- 3	F. F. LeFever	14.1	5- 2	F. F. LeFever	27.6
11- 1	do	17.1	5-16	do	26.0
11-22	do	19.7	6-17	do	32.8
12- 5	do	24.0	6-26	do	77.5
12-28	do	18.7	7-11	do	36.0
1-23	do	16.9	7-21	do	36.3
2- 6	do	17.3	8- 6	do	33.2
2-20	do	17.0	8-14	do	32.1
3- 8	do	18.6	8-24	do	35.9
3-20	do	15.0	9-12	do	35.0
4- 3	LeFever-Ball	21.7	9-21	do	28.7
4-18	F. F. LeFever	21.0			
GERING WASTE Henry—Sec. 3-23-58 W.					
4- 3	LeFever-Ball	7.0	8- 1	LeFever-Boyer	319.6
4-16	F. F. LeFever	11.9	8-13	F. F. LeFever	112.8
5-14	do	14.3	8-20	A. W. Hall	166.0
6-11	do	128.8	8-28	F. F. LeFever	110.9
6-25	do	15.9	9-10	do	16.4
7- 8	M. E. Ball	17.9			
GERING WASTE Lower Bad Lands—Sec. 29-22-55 W.					
11-22	F. F. LeFever	0.5	8- 5	M. E. Ball	88.7
4- 3	do	1.0			
GORDON CREEK Valentine—Sec. 30-33-28 W.					
11- 2	A. E. Johnston	7.1	5-21	A. E. Johnston	37.0
12- 4	do	11.1	6-12	do	13.7
1-18	do	7.7	7-12	do	10.4
2-15	do	10.8	7-31	do	6.0
3-12	do	5.0	9-11	do	6.8
4- 8	do	12.0			
GORDON CREEK Sec. 6-29-33 W.					
4- 5	A. E. Johnston	36.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
GOTHENBURG POWER WASTE					
Gothenburg—Sec. 9-11-25 W.					
11-20	A. W. Hall	163.0	5-16	A. W. Hall	137.4
12-13	A. E. Johnston	213.0	6- 7	do	185.5
1- 9	do	131.0	6-13	do	126.0
2- 2	do	177.8	6-29	A. E. Johnston	97.4
3- 5	do	113.5	7- 7	A. W. Hall	105.0
3-28	do	168.4	7-21	do	104.6
5- 3	do	272.0	9- 9	do	167.1
GOTHENBURG TAIL-WASTE					
Into Buffalo Creek—Sec. 8-11-22 W.					
5- 3	A. E. Johnston	0.5	6-29	A. E. Johnston	0.0
5-15	A. W. Hall	7.4			
GOVERNMENT SPRING					
Below Ft. Robinson Pumping Plant—4 Foot Weir					
10-30	A. E. Johnston	0.4	5-16	A. E. Johnston	0.4
12- 1	do	0.8	6-18	do	1.2
1-16	do	0.8	7- 8	do	0.8
2-12	do	0.4	8- 5	do	0.4
3-15	do	0.8	9- 7	do	0.8
4-13	do	0.8			
GRAVEL CREEK					
Sec. 9-14-36 W.					
12-17	A. E. Johnston	2.0	5- 7	A. E. Johnston	1.8
1-11	do	2.6	6-25	do	2.2
2- 5	do	2.6	9- 7	A. W. Hall	6.1
3- 2	do	3.0	9-26	A. E. Johnston	3.1
GREENWOOD CREEK					
Below Meglemre Canal—Sec. 3-18-50 W.					
3-18	A. E. Johnston	9.4	7-20	A. E. Johnston	0.0
4-19	do	3.8	8- 6	do	0.0
6- 7	do	16.1	9-18	do	0.0
6-21	do	13.2			
GROSBACH-WILLIAMS POWER WASTE					
Sec. 5-5-37 W.					
7-16	A. W. Hall	36.0			
HAT CREEK					
Above Coffee Canal—Sec. 35-33-55 W.					
4-15	A. E. Johnston	4.2	7- 6	A. E. Johnston	2.3
5-16	do	4.0	8- 3	Johnston-Rasmussen	1.2
6-17	Johnston-Rasmussen	6.2	9- 6	A. E. Johnston	1.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
HAT CREEK					
Montrose—Sec. 18-34-54 W.					
7-6	A. E. Johnston	0.7			
HAY SPRINGS CREEK					
Sec. 8-31-46 W.					
6-10	A. E. Johnston	0.9			
HAY SPRINGS CREEK					
Into Alkali Lake—Sec. 29-31-45 W.					
6-16	A. E. Johnston	0.7			
HORSE CREEK					
Lyman—Sec. 25-23-58 W.					
10-3	F. F. LeFever	17.5	4-16	F. F. LeFever	8.3
11-21	do	11.5	5-1	do	20.1
12-27	do	7.1	5-11	do	18.8
1-22	do	5.0	6-1	do	314.3
2-5	do	11.3	6-11	do	117.8
2-20	do	10.0	6-25	do	54.0
3-5	LeFever-Ball	9.5	7-22	do	30.1
3-19	F. F. LeFever	6.5	8-3	LeFever-Boyer	30.9
4-2	LeFever-Ball	5.6	8-28	F. F. LeFever	34.9
HORSE CREEK					
Pringle's Ranch—Sec. 23-1-39 W.					
10-23	A. E. Johnston	1.3	5-11	A. W. Hall	0.0
11-24	do	3.0	5-27	A. E. Johnston	3.0
2-22	do	3.0	7-17	A. W. Hall	1.8
3-22	do	3.6	8-22	A. E. Johnston	2.8
4-26	do	2.1			
INAVALE CREEK					
One-half Mile East of Inavale—Sec. 35-2-12 W.					
10-19	A. E. Johnston	0.0			
INDIAN CREEK					
Northport Wye—Sec. 19-20-50 W.					
10-5	F. F. LeFever	3.7	5-17	F. F. LeFever	2.2
11-24	do	2.7	5-28	A. W. Hall	5.3
1-24	do	2.1	6-28	F. F. LeFever	1.6
2-8	do	2.5	7-12	do	1.7
3-8	do	2.3	7-27	A. E. Johnston	4.4
4-18	do	2.1	8-7	F. F. LeFever	7.2
5-3	do	2.3	9-13	do	5.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
INDIAN CREEK					
Max—Sec. 23-2-36 W.					
5-28	A. E. Johnston	61.7			
INDIAN CREEK					
Above Ramey Dam—Sec. 20-2-11 W.					
8-16	A. E. Johnston	0.1	8-17	A. E. Johnston	0.2
INDIAN CREEK					
Below Ramey Dam—Sec. 20-2-11 W.					
8-16	A. E. Johnston	0.1	8-17	A. E. Johnston	0.2
JIM CREEK					
Sec. 13-33-57 W.					
4-16	A. E. Johnston	0.6	8-3	A. E. Johnston	0.2
5-15	Johnston-Rasmussen	0.2	9-6	do	0.3
7-6	A. E. Johnston	0.4			
JIM CREEK					
Sec. 7-33-56 W.					
1-16	A. E. Johnston	0.1	7-6	A. E. Johnston	0.1
5-15	do	0.2	9-6	do	0.0
KEITH-LINCOLN COUNTY DRAIN					
Sarben—Sec. 23-14-35 W.					
1-11	A. E. Johnston	6.1	3-29	A. E. Johnston	1.5
2-5	do	0.5	6-26	do	1.4
3-2	do	2.6			
KEYA PAHA RIVER					
Brocksburg—Sec. 9-34-17 W.					
3-11	A. E. Johnston	102.7	9-12	A. E. Johnston	8.1
7-17	do	76.5			
LAKE CREEK					
St. Paul—Sec. 25-15-10 W.					
1-24	A. E. Johnston	1.0			
LANE DRAIN					
Sec. 30-23-57 W.					
11-21	F. F. LeFever	1.0			
LARABEE CREEK					
Sec. 6-34-44 W.					
11-1	A. E. Johnston	2.9	6-10	A. E. Johnston	4.7
12-6	do	1.4	7-10	do	1.7
2-13	do	2.9	8-1	do	4.6
3-14	do	3.2	9-9	do	2.0
5-23	do	4.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LAWRENCE FORK Sec. 36-19-52 W.					
4-15	A. W. Hall	2.6	5- 2	A. W. Hall	4.9
4-15	do	4.4	9-18	A. E. Johnston	2.7
LEANDER CREEK Meriman—Sec. 33-34-37 W.					
11- 1	A. E. Johnston	0.0	5-20	A. E. Johnston	22.3
12- 3	do	0.0	6-11	do	0.5
1-17	do	0.0	7-11	do	0.0
2-11	do	1.5	7-30	do	0.0
3-13	do	0.0	9-10	do	0.0
4- 9	do	6.4			
LEWELLEN DRAIN Lewellen—Sec. 23-16-42 W.					
5- 8	A. E. Johnston	1.5	9-25	A. E. Johnston	0.3
6-25	do	1.3			
LINCOLN CREEK North of Seward—Sec. 33-12-2 E.					
1-25	A. E. Johnston	12.5			
LINCOLN COUNTY DRAIN NO. 1 North Platte—Sec. 30-14-30 W.					
10- 8	A. E. Johnston	62.7	5- 6	A. E. Johnston	70.3
11-15	do	73.3	5-17	A. W. Hall	58.9
12-15	do	47.6	6- 7	do	91.9
1-11	do	44.7	6-14	do	70.7
2- 5	do	48.3	6-26	A. E. Johnston	55.6
3- 1	do	46.2	7- 8	A. W. Hall	61.2
3-29	do	48.7	7-22	do	61.4
4-13	A. W. Hall	35.9	9- 8	do	88.8
5- 4	A. E. Johnston	65.6			
LINCOLN COUNTY DRAIN NO. 2 Sec. 12-14-33 W.					
10- 6	A. E. Johnston	3.7	7- 8	A. W. Hall	4.7
12-15	do	4.8	7-22	do	6.3
5- 6	do	5.6	9- 7	do	3.2
6-14	A. W. Hall	9.0	9-27	A. E. Johnston	3.3
6-26	A. E. Johnston	8.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

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

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

10-26	A. E. Johnston	3.5	5-5	A. W. Hall	4.0
11-27	do	4.3	6-5	A. E. Johnston	8.6
12-19	do	5.2	6-18	A. W. Hall	17.8
1-7	A. W. Hall	4.1	7-13	Hall-Hanna	6.0
2-26	A. E. Johnston	6.8	7-24	Johnston-Hanna	2.4
3-19	do	8.0	8-28	A. E. Johnston	1.5
4-20	do	5.0	9-20	do	3.5

LOGEPOLE CREEK

Above Oliver Reservoir—Bushnell—Sec. 33-15-57 W.

10-26	A. E. Johnston	12.6	5-7	A. W. Hall	17.8
11-27	do	12.9	6-5	A. E. Johnston	28.1
12-19	do	15.3	6-18	A. W. Hall	41.0
1-7	A. W. Hall	14.3	7-12	Hall-Hanna	10.8
1-30	M. C. Boyer	15.5	7-13	do	11.8
2-26	A. E. Johnston	13.1	7-24	Johnston-Hanna	11.2
3-19	do	13.6	8-28	A. E. Johnston	11.2
4-20	do	18.5	9-20	do	12.8

LOGEPOLE CREEK

Below Oliver Reservoir—Sec. 31-15-56 W.

10-26	A. E. Johnston	1.2	6-5	A. E. Johnston	6.1
11-27	do	0.6	6-18	A. W. Hall	31.9
12-19	do	1.8	7-12	Hall-Hanna	6.9
1-7	A. W. Hall	3.6	7-13	do	9.2
2-26	A. E. Johnston	2.5	7-21	A. E. Johnston	6.5
3-19	do	1.0	8-28	Johnston-Hanna	2.3
4-20	do	2.8	9-20	A. E. Johnston	1.6
5-7	A. W. Hall	4.5			

LOGEPOLE CREEK

Kimball—Sec. 29-15-55 W.

10-26	A. E. Johnston	2.3	4-20	A. E. Johnston	11.7
11-27	do	9.7	5-7	A. W. Hall	13.7
12-19	do	16.0	6-6	A. E. Johnston	19.2
1-7	A. W. Hall	9.9	6-18	A. W. Hall	51.8
2-27	A. E. Johnston	12.7	7-23	A. E. Johnston	10.6
3-19	do	9.9	8-28	do	8.0
3-20		2.6	9-20	do	9.4

LOGEPOLE CREEK

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

1-7	A. W. Hall	1.7	6-7	A. W. Hall	0.4
6-7	do	0.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below Bennet Reservoir—Sec. 22-15-55 W.					
6-18	A. W. Hall	34.3			
LODGEPOLE CREEK					
Dix—Sec. 26-15-54 W.					
10-26	A. E. Johnston	0.0	5-7	A. W. Hall	2.9
11-27	do	0.0	6-5	A. E. Johnston	30.0
12-19	do	0.0	6-18	A. W. Hall	50.2
1-7	A. W. Hall	0.0	7-24	do	0.0
2-26	A. E. Johnston	0.0	8-27	A. E. Johnston	0.0
3-19	do	0.0	9-20	do	0.0
1-20	do	0.0			
LODGEPOLE CREEK					
Potter—Sec. 6-14-52 W.					
6-18	A. W. Hall	10.6			
LODGEPOLE CREEK					
Sidney—Sec. 31-14-49 W.					
10-26	A. E. Johnston	0.8	5-3	A. W. Hall	1.1
11-27	do	0.8	6-5	A. E. Johnston	7.8
12-19	do	0.4	6-17	A. W. Hall	39.2
1-8	A. W. Hall	1.1	7-25	A. E. Johnston	3.1
2-26	A. E. Johnston	0.4	8-27	do	2.2
3-20	do	0.2	9-21	do	1.6
4-22	do	0.4			
LODGEPOLE CREEK					
Above Kreuger Canal—Sec. 31-14-48 W.					
1-8	A. W. Hall	4.6	5-3	A. W. Hall	4.2
LODGEPOLE CREEK					
Below Kreuger's Lake—Sec 29-14-48 W.					
10-25	A. E. Johnston	3.3	4-22	A. E. Johnston	0.1
11-26	do	0.8	5-3	A. W. Hall	3.6
1-8	A. W. Hall	2.0	6-4	A. E. Johnston	16.6
1-15	do	1.4	7-26	do	0.2
2-25	A. E. Johnston	0.5	8-27	do	0.1
3-20	do	0.1	9-21	do	4.0
LODGEPOLE CREEK					
Rock Pile—NE Corner of Sec. 33-14-48 W.					
10-25	A. E. Johnston	4.5	6-4	A. E. Johnston	18.2
11-26	do	2.6	7-26	do	1.0
2-25	do	3.7	8-27	do	0.4
3-20	do	2.2	9-21	do	4.2
4-22	do	1.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Above LaGrange Dam—Sec. 27-14-48 W.					
10-25	A. E. Johnston	4.8	6-4	A. E. Johnston	19.8
11-26	do	2.4	7-26	do	1.5
2-25	do	0.0	8-27	do	0.2
3-20	do	1.2	9-21	do	3.5
4-22	do	1.4			
LODGEPOLE CREEK					
Below LaGrange Dam—Sec. 27-14-48 W.					
10-25	A. E. Johnston	3.7	5-3	A. W. Hall	4.7
11-26	do	1.8	6-4	A. E. Johnston	18.7
1-8	A. W. Hall	1.7	7-26	do	0.4
2-25	A. E. Johnston	0.0	8-27	do	0.2
3-20	do	0.4	9-21	do	3.3
4-22	do	0.9			
LODGEPOLE CREEK					
South of Sunol—Sec. 36-14-48 W.					
5-3	A. W. Hall	2.5			
LODGEPOLE CREEK					
Below Bluhm Dam—Sec. 25-14-48 W.					
10-25	A. E. Johnston	0.4	6-4	A. E. Johnston	17.7
1-8	A. W. Hall	1.0	9-21	do	2.2
5-3	do	4.4			
LODGEPOLE CREEK					
Below McLaughlin Dam—Sec. 25-14-48 W.					
1-8	A. W. Hall	0.4	6-4	A. E. Johnston	2.8
2-25	A. E. Johnston	0.0			
LODGEPOLE CREEK					
Over Howard Dam—Sec. 29-14-47 W.					
5-3	A. W. Hall	6.2	8-27	A. E. Johnston	3.4
LODGEPOLE CREEK					
Passing Booth Dam—Sec. 29-14-47 W.					
5-3	A. W. Hall	4.6	9-21	A. E. Johnston	4.1
8-27	A. E. Johnston	3.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
At Tobin Dam—Sec. 28-14-47 W.					
5-3	A. W. Hall	5.7			
LODGEPOLE CREEK					
East line of Sec. 35-14-47 W.					
5-3	A. W. Hall	6.1			
LODGEPOLE CREEK					
At Libby Dam—Sec. 36-14-47 W.					
7-25	A. E. Johnston	4.8			
LODGEPOLE CREEK					
Lodgepole—Sec. 30-14-46 W.					
10-25	A. E. Johnston	3.6	5-3	A. W. Hall	4.8
11-26	do	5.4	6-1	A. E. Johnston	15.8
1-8	A. W. Hall	4.5	6-17	A. W. Hall	94.3
1-15	do	2.3	7-26	A. E. Johnston	1.2
2-25	A. E. Johnston	4.6	8-21	do	0.1
3-20	do	0.1	9-21	do	4.0
4-22	do	1.1			
LODGEPOLE CREEK					
Below Barrett Dam—Sec. 32-14-46 W.					
1-22	A. E. Johnston	1.7			
LODGEPOLE CREEK					
Chappel—Sec. 21-13-45 W.					
10-25	A. E. Johnston	0.1	6-4	A. E. Johnston	31.5
11-26	do	0.9	6-17	A. W. Hall	10.4
1-8	A. W. Hall	5.8	7-25	A. E. Johnston	1.0
1-15	do	4.0	8-21	do	0.2
2-25	A. E. Johnston	0.1	9-21	do	0.1
4-23	do	0.6			
LODGEPOLE CREEK					
Interstate Station at Ralton—Sec. 12-12-45 W.					
10-25	A. E. Johnston	0.3	4-23	A. E. Johnston	0.2
11-26	do	0.4	6-1	do	32.6
1-8	A. W. Hall	3.6	6-17	A. W. Hall	114.3
1-15	A. E. Johnston	6.0	7-25	A. E. Johnston	0.2
2-25	do	0.5	8-21	do	0.6
3-20	do	2.2	9-21	do	0.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

LONERGAN CREEK

Lemoynes—Sec. 19-15-39 W.

10- 9	A. E. Johnston	5.7	5- 8	A. E. Johnston	7.9
11-16	do	0.0	5-17	A. W. Hall	8.3
12- 8	do	0.3	6- 8	do	7.6
12-17	do	5.6	6-25	A. E. Johnston	7.4
1-12	do	6.6	7- 2	do	8.0
2- 6	do	8.8	7- 9	A. W. Hall	2.8
3- 1	do	7.4	7-23	do	6.4
3-30	do	0.2	9- 6	do	5.6
5- 4'	A. W. Hall	6.6	9-26	A. E. Johnston	1.9

LOOKING GLASS CREEK

East of Genoa—Sec. 9-17-3 W.

11- 7	A. E. Johnston	5.1	1- 7	A. E. Johnston	7.8
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LONG PINE CREEK

Long Pine—Secs. 30 and 31-30-20 W.

2-18	A. E. Johnston	36.5	7-23	M. C. Boyer	41.1
6-20	H. P. Eisenhuth	43.2	9-14	A. E. Johnston	49.0

LOST CREEK

Sec. 1-16-44 W.

11-17	A. E. Johnston	1.4	6- 8	A. W. Hall	5.2
4-23	A. W. Hall	0.5	6-24	A. E. Johnston	5.5
5- 4	do	2.1	7- 9	A. W. Hall	1.5
5- 9	A. E. Johnston	4.0	9-25	A. E. Johnston	0.1

LOST CREEK

Dworak Pump—Sec. 28-17-3 E.

3- 7	A. E. Johnston	4.4
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LOST CREEK

Below Ballon Reservoir—Sec. 29-17-3 E.

3- 7	A. E. Johnston	2.3
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LOST CREEK

Above Ballon Dam—Sec. 31-17-3 E.

3- 7	A. E. Johnston	3.4
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LOST CREEK, SOUTH BRANCH

Sec. 31-17-3 E.

3- 7	A. E. Johnston	0.7
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LOST CREEK, NORTH BRANCH

Sec. 31-17-3 E.

3- 7	A. E. Johnston	0.7
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER					
Columbus—Sec. 29-17-1 E.					
10- 2	J. V. Ruzicka	1710.0	4-18	Cantral-DeLay	2260.0
10- 9	do	1920.0	4-23	do	2110.0
10-17	do	1860.0	4-25	Cantral-Boyer-DeLay	27100.0
10-21	do	7990.0	5- 1	Cantral-Delay	3370.0
10-30	Wayne Cantral	2370.0	5- 9	do	2770.0
11- 6	Cantral-Eisenhuth	2310.0	5-17	do	2640.0
11-13	Wayne Cantral	2150.0	5-21	Basta-Delay	12600.0
11-30	do	2500.0	5-29	Cantral-Delay	3190.0
12- 7	do	480.0	6- 1	do	31800.0
12-13	do	2040.0	6- 7	do	4800.0
12-29	do	2500.0	6-11	Wayne Cantral	2660.0
1- 4	LeFever-Cantral-Dickey	1280.0	6-21	Cantral-Delay	16100.0
1-11	Cantral-DeLay	2670.0	6-29	do	9170.0
1-18	do	1240.0	7- 5	do	2730.0
1-25	do	651.0	7-13	do	2290.0
1-31	do	1270.0	7-19	do	1800.0
2- 7	do	2320.0	7-26	do	2030.0
2-15	do	4690.0	8- 3	do	1660.0
2-21	Dickey-Cantral	4250.0	8- 8	do	1230.0
2-28	Cantral-DeLay	311.0	8-19	do	1250.0
3- 4	do	4710.0	8-26	do	7940.0
3-11	do	2630.0	9- 5	do	3770.0
3-20	do	2250.0	9-13	Wayne Cantral	2100.0
3-25	do	2070.0	9-20	Cantral-Delay	1500.0
4- 3	do	2290.0	9-27	do	1590.0
4-12	do	4040.0			
LOUP RIVER, SOUTH					
Pressey State Park—Sec. 10-14-21 W.					
11-14	A. E. Johnston	124.0			
LOUP RIVER, MIDDLE					
Dunning—Sec. 33-22-24 W.					
1-22	A. E. Johnston	315.0			
LOUP RIVER, MIDDLE					
Sargent—Sec. 1-19-20 W.					
11- 1	H. P. Eisenhuth	804.0	5-17	K. W. Dickey	974.0
11-22	M. C. Boyer	997.0	6-21	H. P. Eisenhuth	1169.0
1- 8	Dickey-LeFever	1020.0	7-21	M. C. Boyer	963.0
2-13	K. W. Dickey	957.0	8-27	H. P. Eisenhuth	788.0
3-19	do	825.0	9-26	H. H. Odell	827.0
4-16	M. C. Boyer	840.0			
LOUP RIVER, MIDDLE					
Boelus—Sec. 29-13-12 W.					
9-28	A. E. Johnston	409.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, MIDDLE					
St. Paul—Sec. 10-14-10 W.					
10-25	H. P. Eisenhuth	1200.0	5-13	K. W. Dickey	1610.0
10-26	do	1040.0	6-18	H. P. Eisenhuth	2630.0
11-23	M. C. Boyer	1180.0	6-28	do	5910.0
1-11	LeFever-Dickey	1370.0	7-25	M. C. Boyer	1510.0
2-19	K. W. Dickey	2050.0	8-28	H. P. Eisenhuth	1475.0
3-15	do	1160.0	9-27	Odell-Follansbee	1062.0
4-29	M. C. Boyer	1660.0			
LOUP RIVER, NORTH					
At Coble Dam—Sec. 20-28-34 W.					
10-29	A. E. Johnston	1.0			
LOUP RIVER, NORTH					
West of Taylor—Sec. 24-22-20 W.					
1-21	A. E. Johnston	168.0			
LOUP RIVER, NORTH					
Taylor—Sec. 22-21-18 W.					
11- 2	H. P. Eisenhuth	445.0	4-16	M. C. Boyer	483.0
11- 5	A. E. Johnston	458.0	5-17	K. W. Dickey	565.0
11-21	M. C. Boyer	530.0	6-21	H. P. Eisenhuth	1300.0
1- 7	Dickey-LeFever	588.0	7-24	M. C. Boyer	399.0
2-13	K. W. Dickey	482.0	8-26	H. P. Eisenhuth	449.0
3-19	do	476.0	9-25	H. H. Odell	398.0
LOUP RIVER, NORTH					
St. Paul—Sec. 22-15-10 W.					
10-26	H. P. Eisenhuth	755.0	6-18	H. P. Eisenhuth	911.0
11-23	M. C. Boyer	964.0	6-28	do	4320.0
1-11	LeFever-Dickey	1120.0	6-28	do	2060.0
2-19	K. W. Dickey	1270.0	7-25	M. C. Boyer	692.0
3-14	do	896.0	8-28	H. P. Eisenhuth	771.0
4-29	M. C. Boyer	1450.0	9-27	Odell-Follansbee	661.0
5-13	K. W. Dickey	990.0			
LOUSE CREEK					
Near Red Bird—Sec. 12-32-10 W.					
3- 9	A. E. Johnston	7.9	9-13	A. E. Johnston	9.5
7-16	do	5.8			
LOVELY CREEK					
East of Franklin—Sec. 35-2-14 W.					
10-19	A. E. Johnston	1.5	4-30	A. E. Johnston	1.0
1-30	do	2.2	8-16	do	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
McGUIRES SLOUGH					
Sec. 21-6-40 W.					
10-24	A. E. Johnston	3.4	3-21	A. E. Johnston	2.4
11-20	do	3.2	4-24	do	2.8
2-23	do	2.5	8-23	do	2.0
MAPLE CREEK					
East of Oxford—Sec. 15-3-20 W.					
3-25	A. E. Johnston	0.6			
MAPLE CREEK					
North of Nickerson—Sec. 10-18-8 E.					
1-24	A. E. Johnston	4.7			
MEDICINE CREEK					
Below Maywood—Sec. 25-8-29 W.					
1-11	A. W. Hall	25.3	2-4	A. E. Johnston	20.8
MEDICINE CREEK					
Sec. 20-6-26 W.					
1-11	A. W. Hall	48.4			
MEDICINE CREEK					
Cambridge—Sec. 18-4-25 W.					
10-20	A. E. Johnston	66.6	5-13	A. W. Hall	137.5
1-11	A. W. Hall	58.6	7-4	do	62.3
2-20	A. E. Johnston	65.0	7-19	do	25.2
3-25	do	67.5	8-20	A. E. Johnston	23.5
4-29	do	139.7	9-11	A. W. Hall	72.9
MELBETA DRAIN					
One-half Mile West Melbeta Bridge—Sec. 13-21-54 W.					
4-3	F. F. LeFever	0.0	6-17	F. F. LeFever	3.7
5-3	do	2.4			
MESSENGER CREEK					
East of Ord—Sec. 26-19-13 W.					
11-6	A. E. Johnston	0.7	1-23	A. E. Johnston	0.8
METHODIST CREEK					
Sec. 35-2-18 W.					
3-25	A. E. Johnston	0.3	7-19	A. W. Hall	0.0
4-29	do	0.6	9-11	do	3.7
MILROSE CREEK					
Sec. 8-2-19 W.					
10-20	A. E. Johnston	0.0	3-25	A. E. Johnston	0.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MINNECHUDUZA CREEK					
Valentine—Sec. 23-34-29 W.					
11- 2	A. E. Johnston	17.1	5-22	A. E. Johnston	106.0
12- 5	do	22.7	6-13	do	34.9
1-18	do	16.8	7-12	do	30.5
2-15	do	30.1	8- 1	do	12.6
3-11	do	25.0	9-16	do	10.1
4- 4	do	25.2			
MITCHELL FACTORY WASTE					
Mitchell—Sec. 27-23-56 W.					
11-21	F. F. LeFever	0.0	5- 2	F. F. LeFever	0.3
MITCHELL SPILLWAY					
From Tri-State Canal—Sec. 35-23-56 W.					
12- 4	F. F. LeFever	37.4	3- 6	LeFever-Ball	6.9
12-27	do	0.3	5- 2	F. F. LeFever	0.3
1-22	do	0.5	6-12	do	60.1
2- 5	do	0.1			
MONROE CREEK					
Above Monroe Canal—Sec. 33-33-56 W.					
5-15	Johnston-Rasmussen	2.8	8- 3	Johnston-Rasmussen	1.1
7- 6	A. E. Johnston	2.2	9- 6	A. E. Johnston	1.0
MONROE CREEK					
Below Monroe Canal—Sec. 33-33-56 W.					
4-16	A. E. Johnston	0.0	6-17	A. E. Johnston	2.8
MORRILL DRAIN					
Morrill—Sec. 13-23-57 W.					
2- 5	F. F. LeFever	0.3			
MUDDY CREEK					
Arapahoe—Sec. 16-4-23 W.					
10-20	A. E. Johnston	49.4	7- 4	A. W. Hall	2.4
2-20	do	10.9	7-19	do	2.7
3-25	do	4.0	8-17	A. E. Johnston	0.0
4-29	do	13.3			
MUDDY CREEK					
One-half Mile Above Larsen Pump—Sec. 17-4-23 W.					
8-17	A. E. Johnston	0.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MUDDY CREEK					
Hazard—Sec. 29-13-15 W.					
11- 1	H. P. Eisenhuth	13.9	5-18	K. W. Dickey	30.8
11-21	M. C. Boyer	18.2	6-22	H. P. Eisenhuth	236.0
1- 9	LeFever-Dickey	25.5	7-25	M. C. Boyer	13.5
2-12	K. W. Dickey	20.4	8-27	H. P. Eisenhuth	182.0
3-20	do	21.8	9-26	H. H. Odell	18.4
4-15	M. C. Boyer	29.2			
MUDDY CREEK					
West of Stratton—Sec. 14-2-35 W.					
5-28	A. E. Johnston	390.0	8-21	A. E. Johnston	0.0
NINE MILE DRAIN					
Minatare—Sec. 25-21-53 W.					
10- 4	F. F. LeFever	109.0	5- 3	F. F. LeFever	74.7
11- 2	do	105.8	5-17	do	69.9
12- 5	do	80.5	7- 2	do	84.6
12-28	do	74.8	7-12	do	97.6
1-24	do	71.5	7-24	do	110.6
2- 6	do	73.9	8- 6	do	120.8
2-20	do	71.4	8-24	do	113.0
3- 8	do	72.8	9- 3	do	115.9
3-20	do	65.0	9-12	do	126.4
4- 4	do	65.0	9-24	do	121.8
4-18	do	61.8			
NIOBRARA RIVER					
Wyoming State Line—Sec. 20-31-58 W.					
4-15	A. E. Johnston	13.0	7- 8	A. E. Johnston	9.1
5-16	do	10.8	8- 2	Johnston-Rasmussen	3.6
6-18	do	16.9	9- 6	A. E. Johnston	4.4
NIOBRARA RIVER					
South of Harrison—Sec. 9-29-56 W.					
4-15	A. E. Johnston	19.7	7- 8	A. E. Johnston	7.5
5-16	do	17.7	8- 3	Johnston-Rasmussen	6.0
6-18	do	28.0	9- 6	A. E. Johnston	5.1
NIOBRARA RIVER					
Agate—Sec. 7-28-55 W.					
4-16	A. E. Johnston	37.4	7- 5	A. E. Johnston	12.7
5-17	do	36.7	8- 4	Johnston-Rasmussen	10.5
6-19	do	45.1	9- 5	A. E. Johnston	12.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIOBRARA RIVER					
Below Mouth of Whistle Creek—Sec. 7-28-53 W.					
4-16	A. E. Johnston	43.8	7-5	A. E. Johnston	19.7
5-17	do	26.7	8-4	do	11.2
6-19	do	79.7	9-5	do	11.9
NIOBRARA RIVER					
South of Marsland—Sec. 5-28-51 W.					
7-29	A. E. Johnston	12.5	9-5	A. E. Johnston	20.3
NIOBRARA RIVER					
East of Marsland—Sec. 36-29-51 W.					
10-30	A. E. Johnston	4.9	5-17	A. E. Johnston	38.3
11-30	do	19.9	6-19	do	93.3
2-11	do	42.6	7-5	do	18.8
3-16	do	53.5	8-1	Johnston-Rasmussen	15.9
4-16	do	54.5			
NIOBRARA RIVER					
Dunlap—Sec. 27-29-48 W.					
10-30	A. E. Johnston	17.0	5-21	A. E. Johnston	75.8
11-13	F. F. LeFever	18.8	6-15	do	76.8
12-6	A. E. Johnston	56.1	6-26	A. W. Hall	61.9
1-15	do	59.7	7-5	A. E. Johnston	16.9
2-11	do	59.8	7-19	do	9.2
3-16	do	79.0	7-29	do	12.2
3-26	do	58.5	8-1	Johnston-Rasmussen	10.5
4-17	do	85.8	9-5	A. E. Johnston	31.3
5-13	do	60.5	9-17	do	32.0
5-17	do	53.2			
NIOBRARA RIVER					
South of Gordon—Sec. 15-31-41 W.					
11-1	A. E. Johnston	130.0	5-23	A. E. Johnston	427.2
12-3	do	151.0	6-11	do	232.6
1-17	do	147.0	7-11	do	100.8
2-14	do	245.0	7-30	do	78.0
3-13	do	221.0	9-10	do	121.0
4-9	do	209			
NIOBRARA RIVER					
Valentine—Sec. 30-33-28 W.					
11-2	A. E. Johnston	808.0	5-21	A. E. Johnston	1654.0
12-4	do	880.0	6-12	do	999.3
1-18	do	752.0	7-12	do	813.1
2-15	do	1058.0	7-31	do	624.5
3-12	do	969.4	9-11	do	667.9
4-8	do	1018.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIOBRARA RIVER					
Below Dam at Valentine—Sec. 28-34-27 W.					
11- 2	A. E. Johnston	653.0	5-22	A. E. Johnston	1710.1
12- 5	do	811.0	6-13	do	1133.4
1-19	do	968.0	7-13	do	1062.3
2-16	do	1120.0	8- 1	do	768.1
3-11	do	985.0	9-12	do	762.5
1- 6	do	1117.5			
NIOBRARA RIVER					
Spencer—Sec. 30-33-11 W.					
11- 1	H. P. Eisenhuth	1010.0	6-20	H. P. Eisenhuth	1810.0
11-28	M. C. Boyer	701.0	6-27	do	1850.0
11-28	do	873.0	6-30	do	1410.0
3-29	F. F. LeFever	1200.0	7-23	M. C. Boyer	1310.0
4-17	M. C. Boyer	1960.0	8-21	H. P. Eisenhuth	667.0
5-16	K. W. Dickey	1130.0			
NORTH PLATTE CANAL WASTE					
North Platte—Sec. 29-14-30 W.					
3-29	A. E. Johnston	11.9	6-26	A. E. Johnston	3.5
5- 4	do	2.3	7- 9	A. W. Hall	27.1
5- 6	do	27.6	7-22	do	3.6
6-14	A. W. Hall	65.2	9- 8	do	45.7
OAK CREEK					
Lincoln—Sec. 16-10-6 E.					
10-27	H. P. Eisenhuth	2.2	5- 7	K. W. Dickey	4.4
12- 5	M. C. Boyer	4.6	6-12	H. P. Eisenhuth	7.3
1-13	K. W. Dickey	1.7	7-18	M. C. Boyer	3.2
2-28	do	3.2	8-21	H. P. Eisenhuth	3.7
3-22	do	5.4	9-20	H. H. Odell	2.7
4-25	M. C. Boyer	62.7			
OTTER CREEK					
Lemoyne—Sec. 5-15-40 W.					
10- 9	A. E. Johnston	23.1	5-17	A. W. Hall	25.0
11-16	do	22.4	6- 8	do	23.5
12- 8	do	21.2	6-25	A. E. Johnston	21.5
1-12	do	25.3	7- 2	do	26.5
2- 6	do	21.1	7- 9	A. W. Hall	23.1
3- 1	do	24.2	7-23	do	26.4
3-30	do	15.8	8-17	F. F. LeFever	22.2
1-21	F. F. LeFever	26.9	9- 6	A. W. Hall	21.6
5- 8	A. E. Johnston	23.6	9-26	A. E. Johnston	22.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PAWNEE CREEK					
Sec. 4-12-27 W.					
12-13	A. E. Johnston	7.9	5-16	A. W. Hall	4.3
1-10	do	6.6	6-13	do	11.0
2- 2	do	4.9	6-29	A. E. Johnston	9.2
3- 5	do	14.8	7-21	A. W. Hall	2.7
3-28	do	7.7	9- 9	do	6.4
5- 3	do	8.7			
PAXTON-HERSHEY WASTE					
Sec. 14-14-32 W.					
6-26	A. E. Johnston	16.2			
PEPPER CREEK					
Dunlap-Chadron Highway—Sec. 27-30-48 W.					
1-15	A. E. Johnston	0.4	7-19	A. E. Johnston	0.2
4-17	do	0.7	9-17	do	0.3
5-25	do	1.4			
PINE CREEK					
Colclessor Mill—Sec. 33-30-44 W.					
11- 1	A. E. Johnston	23.6	3-11	A. E. Johnston	31.8
11- 3	do	53.6	5-23	do	81.8
12- 1	do	31.6	6-10	do	33.5
1-16	do	31.1	7-10	do	18.7
1-21	do	39.8	8- 1	do	20.0
2-13	do	36.3	9-16	do	16.1
2-28	do	12.6			
PLUM CREEK					
U. P. R. R. Bridge—Sec. 10-19-49 W.					
10- 1	F. F. LeFever	2.1	5-11	A. E. Johnston	2.0
11-17	A. E. Johnston	2.5	5-22	F. F. LeFever	3.9
12-18	do	2.2	6-21	A. E. Johnston	4.4
1-25	F. F. LeFever	3.9	7-13	F. F. LeFever	1.5
2- 7	A. E. Johnston	2.9	8- 5	A. W. Hall	1.5
3-11	F. F. LeFever	2.5	8-26	F. F. LeFever	1.7
4- 5	do	1.6	9-17	do	1.0
PLUM CREEK					
West of Johnstown—Sec. 11-30-24 W.					
1-21	A. E. Johnston	23.1	2-18	A. E. Johnston	15.3
PLUM CREEK					
South of Meadville—Sec. 14-32-22 W.					
11- 3	A. E. Johnston	92.3	9-12	A. E. Johnston	90.7
7-17	do	89.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PONCA CREEK					
South of Lynch—Sec. 14-33-10 W.					
3-9	A. E. Johnston	12.9	9-13	A. E. Johnston	0.2
7-16	do	3.5			
PRAIRIE DOG CREEK					
Sec. 17-33-55 W.					
7-6	A. E. Johnston	0.0	8-3	Johnston-Rasmussen	0.0
PRAIRIE DOG CREEK					
Sec. 19-1-17 W.					
4-29	A. E. Johnston	2.4	9-11	A. W. Hall	102.0
6-17	do	10.6			
PROUTY SPRINGS					
Sec. 5-32-11 W.					
7-16	A. E. Johnston	1.2			
PUMPKINSEED CREEK					
Below Logan Canal—Sec. 7-19-55 W.					
8-12	A. E. Johnston	0.0			
PUMPKINSEED CREEK					
Gering-Kimball Highway—Sec. 4-19-55 W.					
10-27	A. E. Johnston	2.6	6-6	A. E. Johnston	11.0
2-27	do	8.3	7-23	do	1.8
3-18	do	10.7	8-12	do	0.5
3-28	A. W. Hall	3.8	9-19	do	2.0
4-19	A. E. Johnston	1.4			
PUMPKINSEED CREEK					
Sec. 2-19-55 W.					
8-12	A. E. Johnston	0.8			
PUMPKINSEED CREEK					
Sec. 1-19-55 W.					
3-28	A. W. Hall	0.0			
PUMPKINSEED CREEK					
Sec. 14-19-54 W.					
3-28	A. W. Hall	3.5	8-12	A. E. Johnston	0.0
PUMPKINSEED CREEK					
Above Mosier Dam—Sec. 21-19-53 W.					
3-28	A. W. Hall	2.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PUMPKINSEED CREEK					
Below Mosier Dam—Sec. 21-19-53 W.					
3-28	A. W. Hall	1.7	8-12	A. E. Johnston	3.4
PUMPKINSEED CREEK					
Above the Mutual Canal—Sec. 28-19-52 W.					
3-28	A. W. Hall	6.6			
PUMPKINSEED CREEK					
Below Mutual Canal—Sec. 27-19-52 W.					
3-28	A. W. Hall	2.3	8-12	A. E. Johnston	5.6
5- 2	do	28.4	8-30	F. F. LeFever	0.5
PUMPKINSEED CREEK					
Sec. 25-19-52 W.					
8-12	A. E. Johnston	9.6			
PUMPKINSEED CREEK					
Below Round House Rock Canal—Sec. 28-19-51 W.					
3-28	A. W. Hall	14.4	8-12	A. E. Johnston	13.9
PUMPKINSEED CREEK					
Mouth—Sec. 12-19-50 W.					
10- 1	F. F. LeFever	29.2	5-22	F. F. LeFever	91.9
10-11	A. E. Johnston	10.7	5-28	A. W. Hall	102.6
10-27	do	8.2	6- 7	A. E. Johnston	86.3
12-29	F. F. LeFever	26.0	6-21	do	82.2
1-26	do	37.7	7-10	A. W. Hall	64.6
2-22	LeFever-Ball	25.8	7-20	A. E. Johnston	20.1
3-11	F. F. LeFever	34.0	8- 5	A. W. Hall	28.7
3-18	A. E. Johnston	45.5	8- 6	A. E. Johnston	36.0
4- 5	F. F. LeFever	31.6	8-16	F. F. LeFever	7.3
4-19	A. E. Johnston	37.3	8-30	do	16.6
4-27	F. F. LeFever	76.5	9-16	do	16.7
5- 2	A. W. Hall	68.2	9-18	A. E. Johnston	11.2
RED BIRD CREEK					
Sec. 11-32-10 W.					
11- 8	A. E. Johnston	17.4	7-16	A. E. Johnston	11.8
3- 9	do	17.1	9-13	do	6.2
RED WILLOW CREEK					
Above Wild Horse Drain—Sec. 6-20-51 W.					
9-13	F. F. LeFever	10.2	9-24	F. F. LeFever	0.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
RED WILLOW CREEK					
Below Wild Horse Drain—Sec. 7-20-51 W.					
10- 4	F. F. LeFever	40.2	5- 3	F. F. LeFever	49.6
10-31	do	42.2	5-17	do	45.7
11-22	do	43.4	5-27	do	252.0
12- 4	do	61.5	6-14	do	182.0
1-24	do	52.7	6-28	do	25.4
2- 8	do	49.4	7-12	do	38.2
2-22	do	22.7	7-27	A. E. Johnston	40.3
3- 8	do	47.6	8- 7	F. F. LeFever	52.5
3-20	do	42.2	9- 3	do	35.2
4- 4	do	37.7	9-13	do	59.1
4-18	do	41.7	9-24	do	41.1
RED WILLOW CREEK					
Sec. 21-8-32 W.					
7-18	A. W. Hall	1.0			
RED WILLOW CREEK					
Red Willow—Sec. 17-3-28 W.					
10-22	A. E. Johnston	15.3	4-29	A. E. Johnston	24.7
11-24	do	20.3	5-13	A. W. Hall	14.1
1-12	A. W. Hall	13.0	7- 4	do	3.8
2-20	A. E. Johnston	31.1	7-19	do	0.0
3-25	do	20.6	8-20	A. E. Johnston	7.0
REPUBLICAN RIVER					
Colorado-Nebraska Line—Sec. 10-1-42 W.					
10-23	A. E. Johnston	16.0	5-27	A. E. Johnston	55.5
11- 9	H. P. Elsenhuth	18.1	6-28	Odell-Baily	51.9
11-21	A. E. Johnston	46.3	7- 2	A. W. Hall	6.2
1-14	A. W. Hall	71.6	7-13	Boyer-Bailey	5.5
2-22	A. E. Johnston	65.9	7-17	A. W. Hall	2.8
3-22	do	72.8	8-22	A. E. Johnston	9.1
4-26	do	67.1	9-13	A. W. Hall	51.2
5-10	A. W. Hall	13.7	9-16	H. H. Odell	40.6
REPUBLICAN RIVER, NORTH BRANCH					
Benkleman—Sec. 19-1-37 W.					
10-22	A. E. Johnston	52.0	4-25	A. E. Johnston	69.7
11-23	do	83.0	5-11	A. W. Hall	47.5
1-14	A. W. Hall	112.0	5-28	A. E. Johnston	1880.0
2-22	A. E. Johnston	95.3	8-21	do	59.1
3-22	do	109.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
REPUBLICAN RIVER, SOUTH BRANCH Benkleman—Sec. 19-1-37 W.					
10-22	A. E. Johnston	17.7	4-25	A. E. Johnston	58.2
11-23	do	42.1	5-11	A. W. Hall	42.0
1-11	A. W. Hall	52.4	5-28	A. E. Johnston	4690.5
2-22	A. E. Johnston	43.7	8-21	do	30.6
3-22	do	49.9			
REPUBLICAN RIVER Max—Sec. 32-2-36 W.					
10-22	A. E. Johnston	51.6	5-11	A. W. Hall	73.5
11- 9	H. P. Eisenhuth	65.8	5-28	A. E. Johnston	8740.0
11-23	A. E. Johnston	146.0	6-26	Odell-Baily	774.0
1-14	A. W. Hall	165.0	7-17	A. W. Hall	88.6
2-21	A. E. Johnston	185.5	8-21	A. E. Johnston	81.7
3-22	do	169.0	9-13	A. W. Hall	150.0
4-25	do	155.2			
REPUBLICAN RIVER Culbertson—Secs. 17 and 20-3-31 W.					
10-22	A. E. Johnston	35.0	5-10	A. W. Hall	121.0
11- 9	H. P. Eisenhuth	48.7	6-27	Odell-Baily	565.0
11-22	A. E. Johnston	118.0	7- 3	A. W. Hall	489.0
1-15	A. W. Hall	321.0	7-17	do	152.0
2-21	A. E. Johnston	172.0	8-21	A. E. Johnston	111.0
3-23	do	152.0	9-13	A. W. Hall	162.0
4-25	do	146.2	9-17	Bailey-Odell	99.7
REPUBLICAN RIVER McCook—Sec. 32-3-29 W.					
10-22	A. E. Johnston	67.0	3-23	A. E. Johnston	316.0
11-23	do	188.0	4-27	do	281.4
1-13	A. W. Hall	474.0	8-20	do	322.0
2-20	A. E. Johnston	325.0			
REPUBLICAN RIVER Holbrook—Sec. 22-4-24 W.					
5-13	A. W. Hall	218.0			
REPUBLICAN RIVER Oxford—Sec. 7-3-20 W.					
1-31	A. E. Johnston	274.0	3-25	A. E. Johnston	384.0
2-20	do	461.0	4-29	do	458.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
REPUBLICAN RIVER					
Bloomington—Sec. 8-1-15 W.					
10-20	A. E. Johnston	69.6	5-13	A. W. Hall	1350.0
10-31	H. P. Eisenhuth	88.3	6-11	Bally-Odell	1740.0
12- 6	M. C. Boyer	129.0	7- 5	A. W. Hall	1240.0
1-12	A. W. Hall	444.0	7-16	M. C. Boyer	568.0
1-16	K. W. Dickey	480.0	7-19	A. W. Hall	430.0
3- 2	do	329.0	8-19	H. P. Eisenhuth	113.0
3-21	do	380.0	9-11	A. W. Hall	2119.0
4-13	M. C. Boyer	480.0	9-17	Odell-Baily	611.0
5- 8	K. W. Dickey	271.0			
REPUBLICAN RIVER					
Bostwick—Sec. 23-1-8 W.					
5- 1	A. E. Johnston	618.0			
REPUBLICAN RIVER					
Superior—Sec. 36-1-7 W.					
1-30	A. E. Johnston	373.0			
REPUBLICAN RIVER					
Hardy—Sec. 6-1-5 W.					
10-31	H. P. Eisenhuth	128.0	5- 8	K. W. Dickey	383.0
12- 6	M. C. Boyer	155.0	6-12	Bally-Odell	1902.0
1-16	K. W. Dickey	166.0	7- 5	A. W. Hall	1660.0
3- 1	do	515.0	7-16	M. C. Boyer	710.0
3-21	do	479.0	8-19	H. P. Eisenhuth	182.0
4-13	M. C. Boyer	393.0	9-18	Odell-Baily	923.0
ROCK CREEK					
Parks—Sec. 21-1-39 W.					
10-23	A. E. Johnston	12.4	5-11	A. W. Hall	14.0
11-24	do	10.5	5-27	A. E. Johnston	19.2
1-14	A. W. Hall	14.3	7- 2	Hall-Korell	16.6
2-22	A. E. Johnston	15.7	7-17	A. W. Hall	12.7
3-22	do	18.3	8-22	A. E. Johnston	11.6
4-26	do	16.6	9-13	A. W. Hall	13.1
ROCK CREEK					
Meadville—Sec. 12-32-22 W.					
11- 3	A. E. Johnston	2.4	9-12	A. E. Johnston	1.7
7-17	do	1.9			
ROPE CREEK					
Sec. 25-2-19 W.					
10-20	A. E. Johnston	0.7	8-17	A. E. Johnston	0.0
4-29	do	0.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SAND CREEK					
Below Bendix Canal—Sec. 35-33-53 W.					
7- 9	A. E. Johnston	0.0			
SAND CREEK					
Sec. 10-15-40 W.					
10- 9	A. E. Johnston	3.4	5- 8	A. E. Johnston	4.6
11-16	do	1.8	6-25	do	5.0
12- 8	do	3.5	7- 2	do	5.4
1-12	do	2.3	7- 9	do	4.3
2- 6	do	2.0	7-23	A. W. Hall	9.0
3- 1	do	1.1	9- 6	do	3.7
3-30	do	4.6	9-26	A. E. Johnston	3.6
SAND CREEK					
Sec. 6-32-9 W.					
3- 9	A. E. Johnston	1.3	9-13	A. E. Johnston	0.7
SARBEN SLOUGH					
Sec. 20-14-35 W.					
11-15	A. E. Johnston	2.3	6- 8	A. W. Hall	1.8
1-11	do	2.1	6-14	do	1.3
2- 5	do	2.3	6-26	A. E. Johnston	1.8
3- 2	do	1.5	7- 8	A. W. Hall	1.2
3-29	do	2.0	7-23	do	0.7
5- 4	A. W. Hall	2.0	9- 7	do	1.1
5- 7	A. E. Johnston	2.2	9-27	A. E. Johnston	0.8
SCHLAGEL CREEK					
Sec. 24-33-28 W.					
11- 2	A. E. Johnston	18.2	5-21	A. E. Johnston	16.4
12- 4	do	19.0	6-12	do	14.7
1-18	do	18.3	7-12	do	13.3
2-16	do	21.6	7-31	do	5.4
3-12	do	23.2	9-11	do	11.5
4- 8	do	16.2			
SCOTTSBLUFF DRAIN NO. 1					
Sec. 25-22-55 W.					
11-22	F. F. LeFever	19.8	5-16	F. F. LeFever	6.2
12-28	do	8.2	6-17	do	10.0
1-23	do	3.3	7-10	do	3.3
2- 6	do	7.0	8- 6	do	14.7
3- 8	do	6.1	8-24	do	18.1
4- 3	LeFever-Ball	5.0	9-12	do	16.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SCOTTSBLUFF DRAIN NO. 2					
Sec. 34-22-54 W.					
11-22	F. F. LeFever	4.6	5-16	F. F. LeFever	5.2
12-28	do	2.1	7-11	do	5.7
2- 6	do	2.8	8- 5	do	7.7
3- 8	do	3.2	8-22	do	6.8
4- 3	M. E. Ball	2.7	9-12	do	9.8
SCOUT CREEK					
North Platte—Sec. 20-14-30 W.					
10- 8	A. E. Johnston	9.2	5- 6	A. E. Johnston	0.4
11-15	do	25.2	5-17	A. W. Hall	1.9
12-15	do	1.1	6- 7	do	4.0
1-11	do	0.7	6-14	do	17.7
2- 5	do	0.7	6-26	A. E. Johnston	7.6
3- 4	do	0.6	7- 8	A. W. Hall	9.2
3-29	do	0.2	7-22	do	1.1
4-13	A. W. Hall	2.3	9- 8	do	8.5
5- 4	A. E. Johnston	0.6			
SEARS CREEK					
Valentine—Sec. 21-34-26 W.					
9-12	A. E. Johnston	2.1			
SHEEP CREEK					
Sec. 16-23-57 W.					
10- 2	F. F. LeFever	4.6	4- 2	LeFever-Ball	49.1
11-19	do	1.0	5- 1	F. F. LeFever	51.2
12-27	do	52.3	5- 6	do	7.5
1-22	do	49.8	5-11	do	1.3
2- 5	do	2.7	7- 9	do	42.6
2-19	do	53.3	8- 2	LeFever-Boyer	2.4
3- 5	LeFever-Ball	56.5	9-10	F. F. LeFever	2.6
3-19	F. F. LeFever	2.5			
SHORT CREEK					
Sec. 31-2-11 W.					
10-19	A. E. Johnston	0.1			
SILVERNAIL DRAIN					
Sec. 6-19-49 W.					
10- 1	F. F. LeFever	4.8	5-22	F. F. LeFever	4.2
11-17	A. E. Johnston	4.7	6-21	A. E. Johnston	10.3
12-18	do	4.4	7-13	F. F. LeFever	4.3
1-25	F. F. LeFever	4.0	7-25	do	12.6
2- 7	A. E. Johnston	3.7	8- 5	A. W. Hall	14.0
3-11	F. F. LeFever	3.1	8-26	F. F. LeFever	7.3
4- 5	do	3.3	9-17	do	9.9
5-11	A. E. Johnston	4.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
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Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SKUNK CREEK					
Sec. 1-14-37 W.					
12-17	A. E. Johnston	2.3	5- 7	A. E. Johnston	2.3
1-11	do	2.2	6-25	do	2.8
2- 5	do	3.5	9- 7	A. W. Hall	0.9
3- 2	do	2.0	9-26	A. E. Johnston	1.6
SNAKE CREEK					
Bridgeport-Alliance Highway—Sec. 8-24-48 W.					
5-13	A. E. Johnston	0.0	7-29	A. E. Johnston	0.0
5-21	do	9.6	9- 1	do	0.0
6-20	do	4.0	9-17	do	0.0
7- 1	do	0.0			
SNAKE RIVER					
Five Miles Above Falls—Sec. 9-31-30 W.					
11- 2	A. E. Johnston	265.0	5-21	A. E. Johnston	577.7
12- 4	do	269.0	6-12	do	335.5
1-18	do	269.0	7-12	do	272.4
2-15	do	283.0	7-31	do	275.4
3-12	do	290.0	9-11	do	286.7
4- 8	do	330.5			
SOLDIER CREEK					
Below Soldier Creek Canal—Sec. 18-31-52 W.					
10-30	A. E. Johnston	0.0	5-16	A. E. Johnston	2.8
12- 1	do	2.6	6-18	do	0.0
1-16	do	3.4	7- 8	do	0.0
2-12	do	2.2	8- 5	do	0.0
3-15	do	3.8	9- 7	Johnston-Rasmussen	0.0
4-13	do	2.8			
SOLDIER CREEK					
Above Soldier Creek Canal—Fort Robinson Military Reservation					
9- 7	A. E. Johnston	0.6			
SOW BELLY CREEK					
Sec. 33-33-55 W.					
4-15	A. E. Johnston	3.7	7- 6	A. E. Johnston	1.3
5-16	do	2.4	8- 3	Johnston-Rasmussen	0.7
6-17	Johnston-Rasmussen	4.6	9- 6	A. E. Johnston	1.5
SOW BELLY CREEK					
Sec. 16-33-55 W.					
6-17	A. E. Johnston	1.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SOW BELLY CREEK					
Sec. 21-33-55 W.					
7- 6	A. E. Johnston	0.0	9- 6	A. E. Johnston	0.0
8- 3	Johnston-Rasmussen	0.0			
SPINAR SPRINGS					
Sec. 1-32-11 W.					
7-16	A. E. Johnston	0.4			
SPOTTED TAIL, DRY					
Sec. 28-23-56 W.					
10- 3	F. F. LeFever	1.9	4- 2	LeFever-Ball	18.7
11-21	do	2.7	4-17	F. F. LeFever	96.2
12- 5	do	26.2	5-15	do	22.9
12-27	do	27.7	6-12	do	21.0
1-22	do	19.8	7- 9	do	19.2
2- 5	do	18.6	8- 5	do	27.0
2-20	do	19.0	8-22	do	17.4
3- 6	LeFever-Ball	19.3	9-11	do	24.8
3-19	F. F. LeFever	13.6			
SPOTTED TAIL, WET					
Sec. 6-22-55 W.					
11-21	F. F. LeFever	11.5	4-17	F. F. LeFever	9.9
12- 5	do	12.8	4-30	do	13.7
12-27	do	12.1	5-15	do	13.8
1-23	do	13.6	6-12	do	15.1
2- 5	do	10.8	7-10	do	13.4
2-20	do	12.4	8- 5	do	10.1
3- 6	LeFever-Ball	12.3	8-22	do	13.3
3-19	F. F. LeFever	10.8	9-11	do	14.7
4- 2	LeFever-Ball	10.7			
SPRING CREEK					
Wyoming-Nebraska Line—Sec. 4-23-58 W.					
11-21	F. F. LeFever	9.2	4- 1	LeFever-Ball	9.2
12-27	do	8.4	5-14	F. F. LeFever	9.8
1-21	do	9.1	6-11	do	11.9
2- 5	do	9.9	8-23	do	10.2
3- 6	LeFever-Ball	9.6			
SPRING CREEK					
Tributary to Sow Belly Creek—Sec. 6-32-55 W.					
5-14	A. E. Johnston	0.0			
SPRING CREEK					
Tributary to Little Cottonwood Creek—Sec. 13-32-52 W.					
10-31	A. E. Johnston	1.0	6-15	A. E. Johnston	2.1
2-12	do	0.7	7- 9	do	1.4
5-14	do	1.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SPRING CREEK					
Tributary to Turkey Creek—Sec. 23-33-23 W.					
7-17	A. E. Johnston	0.1			
SPRING CREEK					
Sec. 15-3-20 W.					
10-20	A. E. Johnston	0.0			
SPRING CREEK					
At Mills—Sec. 9-34-18 W.					
3-11	A. E. Johnston	7.4	9-12	A. E. Johnston	5.4
7-17	do	4.6			
SPRING CREEK					
Sec. 33-2-15 W.					
10-20	A. E. Johnston	0.1			
SPRING CREEK					
Sec. 1-32-11 W.					
7-16	A. E. Johnston	0.1			
SPRING CREEK					
Tributary to Bazille Creek—Sec. 21-29-5 W.					
9-13	A. E. Johnston	0.1			
SPRING CREEK					
Fairbury—Sec. 25-2-2 E.					
1-29	A. E. Johnston	0.8			
SQUAW CREEK					
Above Shepherd Canal—Sec. 36-34-57 W.					
1-16	A. E. Johnston	0.8	7-6	A. E. Johnston	0.2
5-15	Johnston-Rasmussen	0.6	9-6	do	0.1
SQUAW CREEK					
Above McDowell's Reservoir—Sec. 12-31-52 W.					
10-31	A. E. Johnston	0.0	3-15	A. E. Johnston	0.3
11-30	do	0.1	6-15	do	0.9
1-15	do	0.0	7-9	do	0.5
2-12	do	0.2	9-7	do	0.0
SQUAW CREEK					
Below McDowell's Reservoir—Sec. 1-31-52 W.					
10-31	A. E. Johnston	0.1	3-15	A. E. Johnston	0.1
11-30	do	0.4	6-15	do	1.2
1-15	do	0.2	7-9	do	0.3
2-12	do	0.2	9-6	do	0.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
STEWARTS DRAIN					
Sec. 13-23-57 W.					
2-5	F. F. LeFever	0.2			
STINKING WATER CREEK					
Palisade—Sec. 25-5-34 W.					
10-24	A. E. Johnston	28.0	5-9	A. W. Hall	30.8
11-22	do	40.5	7-1	do	34.6
1-10	A. W. Hall	40.2	7-16	do	20.4
2-23	A. E. Johnston	33.9	8-23	A. E. Johnston	14.6
3-21	do	35.5	9-14	A. W. Hall	26.0
4-25	do	33.7			
STREVER CREEK					
South of Overton—Sec. 1-8-20 W.					
11-13	A. E. Johnston	4.4	5-14	A. W. Hall	48.0
1-9	do	3.3	6-12	do	50.3
2-1	do	4.2	6-28	A. E. Johnston	65.4
2-19	do	4.0	7-6	A. W. Hall	32.2
3-6	do	6.4	7-20	do	3.9
3-27	do	26.4	9-10	do	30.3
5-2	do	46.3	9-30	A. E. Johnston	15.2
SUBURBAN WASTE					
Into South Platte River—Sec. 11-13-30 W.					
7-22	A. W. Hall	2.5			
SWAN CREEK					
DeWitt—Sec. 13-5-3 E.					
1-28	A. E. Johnston	4.4			
THIRTY MILE WASTE NO. 1					
Sec. 8-10-24 W.					
3-27	A. E. Johnston	0.2	6-27	A. E. Johnston	0.0
5-3	do	18.3			
THIRTY MILE WASTE NO. 2					
Sec. 8-10-24 W.					
3-27	A. E. Johnston	0.3	6-27	A. E. Johnston	0.0
5-3	do	17.5			
THIRTY MILE WASTE NO. 3					
Sec. 35-11-25 W.					
3-27	A. E. Johnston	2.5	5-3	A. E. Johnston	15.8
THOMPSON CREEK, BIG					
Riverton—Sec. 35-2-13 W.					
10-19	A. E. Johnston	16.9	4-30	A. E. Johnston	17.5
1-30	do	13.0	8-16	do	8.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
TIMBER CREEK					
Belgrade—Sec. 25-17-7 W.					
11- 5	H. P. Eisenhuth	1.6	5-14	K. W. Dickey	13.0
11-24	M. C. Boyer	2.8	6-18	H. P. Eisenhuth	30.3
1- 5	F. F. LeFever	2.2	7-25	M. C. Boyer	0.9
2-16	K. W. Dickey	8.8	8-23	H. P. Eisenhuth	3.1
3-17	do	3.2	9-23	H. H. Odell	0.9
4-24	M. C. Boyer	751.0			
TOOHEY DRAIN					
Sec. 20-23-56 W.					
11-21	F. F. LeFever	1.5	12-27	F. F. LeFever	1.1
TOOHEY SPILLWAY					
Sec. 19-23-56 W.					
11-21	F. F. LeFever	1.0	3- 6	LeFever-Ball	12.7
12- 5	do	18.8	3-19	F. F. LeFever	0.8
12-27	do	0.5	4- 2	LeFever-Ball	9.2
1-22	do	14.1	4-16	F. F. LeFever	11.7
2- 5	do	1.5	5- 1	do	0.0
2-20	do	0.3	6-12	do	72.2
TRI-STATE CANAL WASTE					
Into Red Willow Creek—North Line—Sec. 10-21-51 W.					
6-17	F. F. LeFever	107.1	7- 2	F. F. LeFever	0.5
TRI-STATE SLUICeway					
Sec. 13-23-58 W.					
7- 1	F. F. LeFever	76.5	8- 5	F. F. LeFever	10.7
TRUNK BUTTE CREEK					
Sec. 25-33-50 W.					
10-31	A. E. Johnston	0.0	6-14	A. E. Johnston	2.4
1-15	do	0.0	7- 9	do	0.5
2-12	do	0.3	8- 2	Johnston-Itasmussen	0.0
3-15	do	0.6	9- 7	A. E. Johnston	0.0
5-14	do	1.9			
TUB SPRINGS					
Sec. 8-22-55 W.					
10- 3	F. F. LeFever	58.8	4-30	F. F. LeFever	49.1
11-19	do	1.6	5-16	do	53.6
12-27	do	26.3	6-26	do	10.1
1-23	do	22.7	6-26	do	9.9
2- 5	do	26.4	7-10	do	6.9
3- 6	do	24.5	8- 5	do	10.7
3-19	do	22.5	8-14	do	4.0
4- 2	do	25.2	9-11	do	63.7
4-17	do	20.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
TUB SPRINGS					
Above Enterprise Canal—Sec. 33-23-55 W.					
11-19	F. F. LeFever	19.9	8-5	F. F. LeFever	40.7
4-30	do	21.5	8-14	do	23.7
5-16	do	23.0	8-23	do	24.8
7-10	do	25.7	9-11	do	27.3
7-23	do	34.4			
TURKEY CREEK					
Sec. 36-33-23 W.					
11-3	A. E. Johnston	1.6	9-12	A. E. Johnston	1.5
7-17	do	1.0			
TURKEY CREEK					
Oxford—Sec. 31-4-21 W.					
10-20	A. E. Johnston	2.9	7-19	A. W. Hall	0.0
3-25	do	2.0	8-17	A. E. Johnston	0.0
4-29	do	3.0			
TURKEY CREEK					
East of Elm Creek—Sec. 35-9-18 W.					
6-28	A. E. Johnston	178.0			
TURKEY CREEK					
Naponee—Sec. 4-1-16 W.					
10-20	A. E. Johnston	7.3	5-13	A. W. Hall	3.8
1-12	A. W. Hall	11.1	7-4	do	12.4
1-31	A. E. Johnston	14.1	7-19	do	6.7
3-25	do	10.0	8-17	A. E. Johnston	3.8
4-29	do	14.1			
UNION CREEK					
Madison—Sec. 5-21-1 W.					
1-7	A. E. Johnston	22.9	3-8	A. E. Johnston	45.6
VERDIGRE CREEK					
Sec. 8-30-6 W.					
11-8	A. E. Johnston	90.7	9-13	A. E. Johnston	82.4
VICTORIA CREEK					
Sec. 1-19-21 W.					
1-22	A. E. Johnston	9.2			
VINING CREEK					
Sec. 33-2-15 W.					
10-20	A. E. Johnston	0.3	3-25	A. E. Johnston	0.3
10-24	do	0.1	8-17	do	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
VINING CREEK					
Above James and Samuelson Dam—Sec. 28-2-15 W.					
3-25	A. E. Johnston	0.1			
VINING CREEK					
Below James and Samuelson Dam—Sec. 28-2-15 W.					
4-30	A. E. Johnston	0.6			
WAHOO CREEK					
Ashland—Sec. 35-13-9 E.					
10-20	A. E. Johnston	15.8	5-10	K. W. Dickey	19.0
12- 4	M. C. Boyer	14.9	6-13	H. P. Eisenhuth	34.5
1-13	K. W. Dickey	22.7	7-19	M. C. Boyer	19.1
2-27	do	18.5	8-21	H. P. Eisenhuth	13.7
3-12	do	24.4	9-20	H. H. Odell	15.5
4-26	M. C. Boyer	86.0			
WARBONNET CREEK					
Above Warbonnet Canal—Sec. 20-33-56 W.					
4-16	A. E. Johnston	3.8	7- 6	A. E. Johnston	2.0
5-15	do	6.9	8- 3	Johnston-Rasmussen	1.1
6-17	do	5.8	9- 6	A. E. Johnston	1.2
WHISTLE CREEK					
Mouth—Sec. 12-28-54 W.					
5-17	A. E. Johnston	0.2	8- 4	Johnston-Rasmussen	0.0
6-19	do	2.0	9- 5	A. E. Johnston	0.0
7- 5	do	0.1			
WHITE CLAY CREEK					
Crawford—Sec. 2-31-52 W.					
10-31	A. E. Johnston	2.1	3-15	A. E. Johnston	4.4
11-30	do	1.8	6-15	do	4.4
1-15	do	4.7	7- 9	do	3.0
2-12	do	1.8	9- 6	do	1.2
WHITE CLAY CREEK					
Above Junction With Larabee Creek—Sec. 6-34-44 W.					
11- 1	A. E. Johnston	3.3	6-10	A. E. Johnston	5.3
12- 6	do	1.0	7-10	do	1.3
2-13	do	3.4	8- 1	do	5.0
3-14	do	3.8	9- 9	do	2.2
5-23	do	5.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE HORSE CREEK					
Gannett—Sec. 5-13-29 W.					
12-13	A. E. Johnston	10.8	5-16	A. W. Hall	19.1
1-10	do	17.1	6-6	do	20.8
2-2	do	24.9	6-13	do	21.8
3-4	do	37.4	7-7	do	6.4
3-28	do	13.3	7-21	do	2.4
5-4	do	21.6	9-9	do	5.8
WHITE RIVER					
Crawford—Sec. 9-31-52 W.					
10-30	A. E. Johnston	21.5	5-16	A. E. Johnston	30.3
12-1	do	18.5	6-15	do	103.0
1-16	do	31.0	7-8	do	65.1
2-12	do	22.5	7-30	do	14.2
3-15	do	33.7	8-5	do	9.4
4-13	do	37.0	9-7	do	14.7
1-28	F. F. LeFever	35.7			
WHITE RIVER					
Above Whitney Diverson—Sec. 26-32-52 W.					
10-31	A. E. Johnston	4.5	5-14	A. E. Johnston	23.3
12-1	do	26.4	6-15	do	122.8
1-15	do	25.8	7-8	do	80.8
2-12	do	26.7	8-2	do	11.0
3-15	do	26.4	8-5	do	3.2
3-26	A. W. Hall	19.5	9-7	do	11.5
1-13	A. E. Johnston	32.3			
WHITE RIVER					
Below Whitney Diverson—Sec. 26-32-52 W.					
10-31	A. E. Johnston	3.0	2-12	A. E. Johnston	1.1
12-1	do	2.3	6-15	do	157.8
1-15	do	0.8	7-29	do	0.0
WHITE RIVER					
Sec. 19-32-51 W.					
3-15	A. E. Johnston	0.2	7-8	A. E. Johnston	110.2
4-13	do	0.3	8-2	do	1.2
5-14	do	1.5	9-7	do	0.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE RIVER					
Six Miles West of Chadron—Sec. 18-33-49 W.					
10-31	A. E. Johnston	3.9	4-28	F. F. LeFever	94.6
11-13	F. F. LeFever	3.3	5-11	A. E. Johnston	17.0
12- 1	A. E. Johnston	5.6	5-21	F. F. LeFever	239.0
12- 8	K. W. Dickey	6.7	6-11	A. E. Johnston	49.5
1-15	A. E. Johnston	6.8	7- 9	do	77.7
2-12	do	9.6	7-19	do	14.1
3-15	do	15.1	7-30	do	3.9
3-26	A. W. Hall	4.0	8- 2	do	3.0
4-12	A. E. Johnston	20.7	8-21	F. F. LeFever	3.6
4-20	F. F. LeFever	7.9	9- 7	A. E. Johnston	3.8
WHITE RIVER					
Sec. 17-34-48 W.					
8- 2	Johnston-Rasmussen	17.7			
WHITE TAIL CREEK					
Sec. 36-15-38 W.					
10- 8	A. E. Johnston	27.6	6-14	A. W. Hall	27.0
11-16	do	25.9	6-25	A. E. Johnston	30.9
12-17	do	30.1	7- 7	A. W. Hall	6.4
1-11	do	29.3	7- 9	do	11.1
2- 5	do	34.1	7-23	do	13.1
3- 2	do	23.4	9- 7	do	12.2
3-29	do	32.9	9-26	A. E. Johnston	25.6
5- 7	do	31.6			
WHITMANS FORK					
Champion—Sec. 22-6-39 W.					
10-24	A. E. Johnston	0.2	5-29	A. E. Johnston	5.5
4-24	do	0.8	6-30	A. W. Hall	1.8
WILLOW CREEK					
Sarben—Sec. 15-14-35 W.					
10- 8	A. E. Johnston	1.6	3-29	A. E. Johnston	1.0
11-15	do	1.5	4- 1	do	1.2
12-17	do	1.5	5- 7	do	1.3
1-11	do	1.6	6-26	do	1.5
2- 5	do	1.6	9-27	do	1.4
3- 2	do	2.6			
WILLOW CREEK					
Sec. 1-1-10 W.					
10-19	A. E. Johnston	0.8			

DISCHARGE MEASUREMENTS OF STREAMS—Concluded
Year Ending September 30, 1935

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WINTERS CREEK					
Scottsbluff—Sec. 19-22-54 W.					
10- 2	F. F. LeFever	65.3	4- 3	M. E. Ball	42.4
11-22	do	9.6	4-17	F. F. LeFever	36.8
12- 5	do	51.2	5-16	do	100.0
12-28	do	44.1	6-17	do	32.2
1-23	do	44.1	6-26	do	11.2
2- 6	do	44.8	7-10	do	6.0
2-20	do	43.4	8- 6	do	4.6
3- 8	do	44.4	8-23	do	59.3
3-20	do	39.2	9-12	do	33.5
WREDE SPRING					
Sec. 8-32-10 W.					
11- 8	A. E. Johnston	0.1			

SAND HILL LAKES
RECORDS SHOWING RISE AND FALL OF
WATER SURFACE
Year Ending September 30, 1935

Date	Hydrographer	Sea Level Elevations	Date	Hydrographer	Elevations Sea Level
BEAN LAKE					
Sec. 27-21-45 W.					
4-26	A. W. Hall	3837.1	8- 2	Earl Ladd	3830.8
5- 8	Earl Ladd	3830.2	8- 9	do	3830.6
5-23	do	3830.7	8-19	do	3830.3
6- 6	do	3831.1	8-26	do	3830.2
6-20	do	3831.3	9- 1	do	3830.1
7- 3	do	3831.1	9-11	do	3830.0
7-16	do	3831.0	9-18	do	3829.9
7-24	do	3831.0	9-25	do	3829.8
BLUE LAKE					
Sec. 18-20-44 W.					
4-26	A. W. Hall	3781.2	8- 9	Earl Ladd	3783.0
5-23	Earl Ladd	3783.6	8-19	do	3782.9
6- 6	do	3783.7	8-26	do	3782.9
6-20	do	3783.7	9- 4	do	3782.8
7- 3	do	3783.1	9-11	do	3782.8
7-16	do	3783.1	9-18	do	3782.8
7-24	do	3783.3	9-25	do	3782.8
8- 2	do	3783.1			
CRANE LAKE					
Sec. 10-20-44 W.					
4-26	A. W. Hall	3791.1	8- 2	Earl Ladd	3787.7
5- 6	Earl Ladd	3788.0	8- 9	do	3787.5
5-23	do	3788.2	8-19	do	3787.3
6- 6	do	3788.4	8-26	do	3787.2
6-20	do	3788.1	9- 4	do	3787.2
7- 3	do	3788.1	9-11	do	3787.2
7-16	do	3788.1	9-18	do	3787.1
7-24	do	3787.9	9-25	do	3787.0
CRESCENT LAKE					
Sec. 21-20-44 W.					
10- 7	Earl Ladd	3778.8	7-24	Earl Ladd	3780.2
10-14	do	3778.8	7-25	A. W. Hall	3780.1
10-21	do	3778.9	8- 2	Earl Ladd	3779.9
4-26	A. W. Hall	3778.6	8- 9	do	3779.7
5- 9	Earl Ladd	3779.8	8-19	do	3779.5
5-23	do	3780.0	8-26	do	3779.3
6- 6	do	3780.3	9- 4	do	3779.2
6-20	do	3780.6	9-11	do	3779.2
7- 3	do	3780.4	9-18	do	3779.1
7-16	do	3780.4	9-25	do	3779.0

REPORT OF THE STATE ENGINEER

SAND HILL LAKES—Continued
Year Ending September 30, 1935

Date	Hydrographer	Sea Level Elevations	Date	Hydrographer	Elevations Sea Level
DEER LAKE					
1-26	A. W. Hall	3807.2	8- 2	Earl Ladd	3801.2
5- 7	Earl Ladd	3801.5	8- 9	do	3801.1
5-23	do	3801.7	8-19	do	3800.9
6- 6	do	3801.9	8-26	do	3800.8
6-20	do	3801.9	9- 4	do	3800.8
7- 3	do	3801.7	9-11	do	3800.7
7-16	do	3801.6	9-18	do	3800.6
7-21	do	3801.5	9-25	do	3800.5
ELI LAKE Sec. 12-34-36 W.					
4- 9	A. E. Johnston	9.85	7-11	A. E. Johnston	9.90
5-20	do	9.55	7-31	do	9.20
6-11	do	9.30	9-10	do	9.20
GIMLET LAKE Sec. 32-21-44 W.					
4-26	A. W. Hall	3810.2	8- 2	Earl Ladd	3807.5
5- 7	Earl Ladd	3807.7	8- 9	do	3807.4
5-23	do	3807.8	8-19	do	3807.2
6- 6	do	3808.2	8-26	do	3807.0
6-20	do	3808.3	9- 4	do	3807.0
7- 3	do	3808.0	9-11	do	3807.0
7-16	do	3807.8	9-18	do	3806.9
7-24	do	3807.7	9-25	do	3806.8
GOOSE LAKE Sec. 19-21-44 W.					
4-26	A. W. Hall	3829.6	8- 2	Earl Ladd	3824.2
5- 8	Earl Ladd	3824.4	8- 9	do	3824.0
5-23	do	3824.7	8-19	do	3823.8
6- 6	do	3824.9	8-26	do	3823.7
6-20	do	3824.9	9- 4	do	3823.6
7- 3	do	3824.7	9-11	do	3823.6
7-16	do	3824.5	9-18	do	3823.5
7-24	do	3824.5	9-25	do	3823.1
HACKBERRY LAKE Sec. 1-20-45 W.					
4-26	A. W. Hall	3799.1	8- 2	Earl Ladd	3792.1
5- 7	Earl Ladd	3792.2	8- 9	do	3791.9
5-23	do	3792.5	8-19	do	3791.8
6- 6	do	3792.6	8-26	do	3791.6
6-20	do	3792.7	9- 4	do	3791.6
7- 3	do	3792.5	9-11	do	3791.6
7-16	do	3792.4	9-18	do	3791.5
7-21	do	3792.3	9-25	do	3791.4

SAND HILL LAKES—Continued
Year Ending September 30, 1935

Date	Hydrographer	Sea Level Elevations	Date	Hydrographer	Elevations Sea Level
HARRISON LAKE					
4-26	A. W. Hall	3823.5	8- 2	Earl Ladd	3814.5
5- 8	Earl Ladd	3814.7	8- 9	do	3814.2
5-23	do	3815.4	8-19	do	3814.0
6- 6	do	3815.3	8-26	do	3813.8
6-20	do	3815.4	9- 1	do	3813.7
7- 3	do	3815.9	9-11	do	3813.6
7-16	do	3814.8	9-18	do	3813.5
7-24	do	3811.7	9-25	do	3813.4
ISLAND LAKE Sec. 4-20-44 W.					
4-26	A. W. Hall	3796.9	8- 2	Earl Ladd	3892.0
5- 9	Earl Ladd	3892.2	8- 9	do	3891.8
5-23	do	3892.5	8-19	do	3891.6
6- 6	do	3892.7	8-26	do	3891.5
6-20	do	3892.6	9- 4	do	3891.5
7- 3	do	3892.3	9-11	do	3891.4
7-16	do	3892.3	9-18	do	3891.3
7-24	do	3892.2	9-25	do	3891.2
JONES LAKE Sec. 10-20-45 W.					
4-26	A. W. Hall	3803.4	8- 2	Earl Ladd	3799.5
5- 7	Earl Ladd	3799.7	8- 9	do	3799.3
5-23	do	3800.3	8-19	do	3799.9
6- 6	do	3800.6	8-26	do	3798.6
6-20	do	3800.7	9- 1	do	3798.6
7- 3	do	3800.5	9-11	do	3798.4
7-16	do	3800.2	9-18	do	3798.2
7-24	do	3799.9	9-25	do	3798.0
MARTIN LAKE Sec. 24-21-45 W.					
4-26	A. W. Hall	3848.4	8- 2	Earl Ladd	3843.4
5- 8	Earl Ladd	3843.0	8- 9	do	3843.1
5-23	do	3843.4	8-19	do	3842.8
6- 6	do	3843.6	8-26	do	3842.6
6-20	do	3843.6	9- 1	do	3842.5
7- 3	do	3843.4	9-11	do	3842.1
7-16	do	3843.2	9-18	do	3842.3
7-24	do	3843.5	9-25	do	3842.1

REPORT OF THE STATE ENGINEER

SAND HILL LAKES—Concluded
Year Ending September 30, 1935

Date	Hydrographer	Sea Level Elevations	Date	Hydrographer	Sea Level Elevations
ROUNDUP LAKE					
Sec. 33-21-44 W.					
4-26	A. W. Hall	3808.3	8- 2	Earl Ladd	3802.0
5- 7	Earl Ladd	3802.2	8- 9	do	3801.9
5-23	do	3802.5	8-19	do	3801.7
6- 6	do	3802.6	8-26	do	3801.5
6-20	do	3802.7	9- 4	do	3801.5
7- 3	do	3802.5	9-11	do	3801.5
7-16	do	3802.3	9-18	do	3801.4
7-24	do	3802.2	9-25	do	3801.3
RUSH LAKE					
Sec. 24-21-45 W.					
4-26	A. W. Hall	3843.6	8- 2	Earl Ladd	3833.5
5- 8	Earl Ladd	3833.9	8- 9	do	3833.3
5-23	do	3834.2	8-19	do	3833.1
6- 6	do	3834.3	8-26	do	3833.0
6-20	do	3834.3	9- 4	do	3833.0
7- 3	do	3834.1	9-11	do	3832.9
7-16	do	3833.9	9-18	do	3832.8
7-24	do	3833.7	9-25	do	3832.8
SMITH LAKE					
4-26	A. W. Hall	3843.5	8- 2	Earl Ladd	3836.5
5- 8	Earl Ladd	3836.2	8- 9	do	3836.2
5-23	do	3836.7	8-19	do	3836.0
6- 6	do	3837.0	8-26	do	3835.8
6-20	do	3837.1	9- 4	do	3835.7
7- 3	do	3836.9	9-11	do	3835.6
7-16	do	3836.6	9-18	do	3835.5
7-24	do	3836.7	9-25	do	3835.3
SWAN LAKE					
Secs. 9 and 10-20-45 W.					
4-26	A. W. Hall	3804.7	8- 2	Earl Ladd	3802.0
5- 8	Earl Ladd	3802.2	8- 9	do	3801.9
5-23	do	3802.6	8-19	do	3801.8
6- 6	do	3802.8	8-26	do	3801.6
6-20	do	3802.9	9- 4	do	3801.6
7- 3	do	3802.5	9-11	do	3801.5
7-16	do	3802.3	9-18	do	3801.5
7-24	do	3802.2	9-25	do	3801.4

DISCHARGE MEASUREMENTS OF STREAMS
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
AKERS DRAW					
Above Tri-State Canal—Sec. 12-23-57 W.					
6-11	M. C. Boyer	8.9			
ANTELOPE CREEK					
Main Street of Gordon—Sec. 30-33-41 W.					
11- 5	A. E. Johnston	0.0	6-23	A. E. Johnston	0.0
3-17	do	1.2	7-10	do	0.0
4- 9	do	2.1	9- 3	do	0.0
ARIKAREE RIVER					
Haigler—Sec. 28-1-41 W.					
10-26	A. E. Johnston	10.4	6- 8	A. E. Johnston	37.4
11-29	do	11.8	7- 1	do	1.2
1- 3	H. P. Eisenhuth	15.9	7-30	do	6.0
1-29	A. E. Johnston	13.8	8-12	L. R. Sawyer	2.2
3- 2	do	19.3	9- 8	C. E. Ham	8.2
4- 2	do	34.4	9-25	A. E. Johnston	13.7
5- 5	do	17.2			
ASH CREEK					
Whitney—Sec. 7-32-50 W.					
11- 1	A. E. Johnston	2.1	5-16	A. E. Johnston	1.1
12- 4	do	2.1	6-15	do	0.1
1-14	do	1.4	7-13	do	0.1
3-13	do	3.5	9- 1	do	0.0
4-16	do	4.1			
ASH CREEK					
Sec. 27-16-42 W.					
4- 7	A. W. Hall	1.1			
ASH CREEK (WEST)					
Sec. 24-32-51 W.					
4-16	A. E. Johnston	2.6			
ASH CREEK (EAST)					
Below Sheldon Canal—Sec. 30-32-50 W.					
12- 4	A. E. Johnston	0.4			
ASH CREEK (EAST)					
Below Stumph Canal—Sec. 30-32-50 W.					
12- 4	A. E. Johnston	0.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ASH CREEK (EAST)					
Below Barron Canal—Sec. 32-32-50 W.					
12- 4	A. E. Johnston	0.1			
BALD DRAIN					
Sec. 32-23-56 W.					
10- 2	F. F. LeFever	0.6	5-22	M. C. Boyer	1.0
10-16	do	0.6	6-11	do	2.0
10-30	do	0.9	7- 3	do	1.0
11-13	do	33.1	7-11	do	2.0
11-23	do	3.7	8- 5	do	1.3
12- 4	do	42.8	8-19	do	1.5
12-22	M. C. Boyer	2.2	9- 1	do	0.5
2-20	do	1.5	9-17	do	1.0
3-24	do	0.8	9-30	do	0.2
4-23	do	3.0			
BAYARD SUGAR FACTORY DRAIN					
West Line of Sec. 4-20-52 W.					
10- 4	F. F. LeFever	33.6	6-17	M. C. Boyer	32.9
12- 5	do	32.5	7- 8	do	30.2
1-15	M. C. Boyer	30.1	7- 8	A. W. Hall	26.2
2-19	do	25.1	7-27	M. C. Boyer	30.6
3- 7	do	27.6	8- 7	do	22.0
3-27	do	25.7	8-21	do	37.8
4-28	do	21.2	9-10	do	31.3
5-28	do	3.8	9-21	do	39.4
BAZILLE CREEK					
Niobrara—Sec. 21-32-5 W.					
10-23	H. H. Odell	25.1	5-14	H. H. Odell	37.9
11-24	L. F. Hanks	35.7	6-13	do	31.8
1-20	H. P. Eisenhuth	22.8	7-20	C. B. Ham	6.7
3-17	L. R. Sawyer	77.7	8-14	do	4.6
4-16	H. P. Eisenhuth	45.1	9-18	do	30.6
BAZILLE CREEK					
Below Country Club—Sec. 26-28-5 W.					
9- 7	Johnston-Nye	0.4			
BEAR CREEK					
Eli—Sec. 25-34-36 W.					
11- 5	A. E. Johnston	10.7	5-22	A. E. Johnston	7.5
12- 6	do	4.9	6-23	do	5.8
1-16	do	13.2	7-10	do	2.0
3-17	do	18.8	9- 3	do	1.8
4- 9	do	70.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BEAUTY CREEK					
Franklin—Sec. 31-2-14 W.					
10-25	A. E. Johnston	0.0			
BEAVER CREEK					
Albion—Sec. 15-20-6 W.					
10-22	H. H. Odell	52.4	5-14	H. H. Odell	92.4
11-23	L. F. Hanks	50.5	6-13	do	39.5
1-18	H. P. Eisenhuth	45.6	7-20	C. B. Ham	18.9
3-16	L. R. Sawyer	88.1	8-11	do	24.9
1-15	H. P. Eisenhuth	61.0	9-17	do	44.3
BEER SLOUGH					
SW $\frac{1}{4}$ Sec. 1-13-31 W.					
2-26	A. W. Hall	0.0	3-19	A. W. Hall	0.0
BELMONT CANAL WASTE					
Into Pumpkinseed Creek—Sec. 23-19-50 W.					
5-7	A. E. Johnston	0.0			
BERRY CREEK					
Sec. 22-34-26 W.					
11-7	A. E. Johnston	4.0	5-22	A. E. Johnston	4.8
12-5	do	4.1	6-25	do	3.9
1-18	do	4.6	7-8	do	4.5
3-19	do	4.0	9-5	do	5.2
1-11	do	3.9			
BIRDWOOD CREEK					
Hershey—Sec. 2-14-33 W.					
10-3	A. E. Johnston	163.0	3-19	A. W. Hall	154.0
10-11	do	163.6	4-9	do	200.8
11-18	do	215.2	5-6	do	149.9
12-18	A. W. Hall	162.9	5-27	do	135.3
1-7	A. E. Johnston	144.1	6-18	do	141.8
1-22	A. W. Hall	215.0	7-3	do	116.1
3-6	do	181.7	9-11	A. E. Johnston	132.5
BLUE CREEK					
West Line of Sec. 24-19-44 W.					
7-7	A. W. Hall	22.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BLUE CREEK					
Lewellen—Sec. 30-16-42 W.					
10- 5	A. E. Johnston	14.5	3-25	A. W. Hall	103.8
10-15	do	23.6	4- 7	do	124.2
10-31	A. W. Hall	42.7	5- 4	do	70.9
11-19	A. E. Johnston	89.9	5-26	do	2.0
12-16	A. W. Hall	107.8	6-16	do	0.5
1- 9	A. E. Johnston	139.8	7- 9	do	71.4
1-20	A. W. Hall	125.4	8-22	A. E. Johnston	3.7
3- 4	do	97.3	9-12	do	76.6
3-17	do	101.7	9-22	M. C. Boyer	0.5
			9-30	A. E. Johnston	13.1
BLUE HOLE CREEK					
Near Head of Kearney Canal—Sec. 4-8-18 W.					
9- 9	A. E. Johnston	0.6			
BLUE RIVER, BIG					
Stromsburg—Sec. 15-15-3 W.					
9-16	C. B. Ham	0.3			
BLUE RIVER, BIG					
Barnston—Sec. 13-1-7 E.					
10-18	H. H. Odell	562.0	4- 9	Eisenhuth-Crawford	295.0
11-16	L. F. Hanks	238.0	5-11	H. H. Odell	582.0
1-10	H. P. Eisenhuth	256.0	6-19	do	43.7
2- 3	do	445.0	7-11	Ham-Odell	27.5
3-13	L. R. Sawyer	311.0	8-11	C. B. Ham	31.7
3-14	L. C. Crawford	412.0	9-15	do	176.0
BLUE RIVER, LITTLE					
Deahler—Sec. 20-3-4 W.					
10-17	H. H. Odell	111.0	5- 9	H. H. Odell	247.0
11-16	L. F. Hanks	63.4	6-20	do	20.9
1- 8	H. P. Eisenhuth	25.8	7-11	do	16.9
1-30	do	59.9	8-12	do	16.0
3-14	L. R. Sawyer	78.2	9-28	C. B. Ham	143.0
4- 8	Eisenhuth-Crawford	38.2			
BLUE RIVER, LITTLE					
Endicott—Sec. 5-1-3 E.					
10-18	H. H. Odell	123.0	4- 8	Eisenhuth-Crawford	145.0
11-16	L. F. Hanks	131.0	5-10	H. H. Odell	378.0
1- 9	H. P. Eisenhuth	140.0	6-19	do	90.0
1-31	do	105.0	7-11	Ham-Odell	80.0
2-19	L. C. Crawford	96.0	9-15	do	85.0
3-13	L. R. Sawyer	159.0	8-11	C. B. Ham	32.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BOARDMAN CREEK					
Boardman Canal—Sec. 33-30-32 W.					
7-7	A. E. Johnston	0.8			
BOARDMAN CREEK					
Sec. 35-30-32 W.					
7-7	A. E. Johnston	1.3			
BOARDMAN CREEK					
One Mile Above Bachelor Dam—Sec. 32-30-32 W.					
7-7	A. E. Johnston	3.2			
BOARDMAN CREEK					
One Mile Below Stettlers Ranch—Sec. 20-30-31 W.					
7-7	A. E. Johnston	0.4			
BOARDMAN CREEK					
Highway Bridge—Sec. 33-30-31 W.					
7-7	A.E. Johnston	1.4			
BOGGY CREEK					
Below Wickersham Diverson Dam—Sec. 31-33-54 W.					
4-17	A. E. Johnston	0.0	7-15	A. E. Johnston	0.1
5-11	do	0.0	8-29	do	0.1
6-18	do	0.7			
BORDEAUX CREEK, LITTLE					
Below Hartzil Canal—Sec. 13-33-48 W.					
11-4	A. E. Johnston	2.4	4-15	A. E. Johnston	3.7
12-4	do	5.4	5-18	do	3.0
1-15	do	2.8	6-22	do	2.7
2-12	do	2.7	7-11	do	0.6
3-14	do	2.8	9-1	do	0.8
BORDEAUX CREEK, BIG					
Chadron—Sec. 14-33-48 W.					
11-4	A. E. Johnston	1.8	4-15	A. E. Johnston	4.5
12-4	do	2.4	5-18	do	4.1
1-15	do	4.1	6-22	do	2.6
2-12	do	4.2	7-11	do	1.7
3-14	do	3.9	9-1	do	1.2
BORDEAUX CREEK, BIG					
Chris Gohnauer's Ranch—Sec. 10-33-48 W.					
4-15	A. E. Johnston	3.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BORDEAUX CREEK, BIG					
Below Thomas Canal—Sec. 34-34-48 W.					
11-4	A. E. Johnston	2.6	6-20	A. E. Johnston	3.8
3-11	do	8.7	7-13	do	1.5
4-15	do	10.7	9-1	do	0.9
5-18	do	5.0			
BROWN'S CREEK WASTEWAY					
To River—Sec. 28-20-50 W.					
6-27	M. C. Boyer	21.3			
BUFFALO CREEK					
Jenkins' Ranch—Sec. 20-1-40 W.					
10-26	A. E. Johnston	11.6	5-5	A. E. Johnston	11.3
11-29	do	10.8	6-8	do	11.8
1-29	do	7.3	7-1	do	7.1
3-2	do	12.5	7-30	do	6.6
4-2	do	15.4	9-25	do	9.3
BUFFALO CREEK					
Elm Creek—Sec. 33-9-18 W.					
10-10	A. E. Johnston	17.9	4-25	A. W. Hall	5.6
11-15	do	10.2	5-7	do	20.4
1-3	do	4.3	5-10	do	65.8
2-25	A. W. Hall	4.1	5-30	do	25.1
3-10	do	5.0	6-20	do	27.8
3-20	do	1.2	6-30	do	7.2
4-11	do	4.3	9-9	A. E. Johnston	0.0
BUFFALO CREEK					
Elm Creek Canal Siphon—Sec. 34-9-19 W.					
8-5	Hall-Nosky	25.1	8-7	Hall-Nosky	31.3
BULL DRAIN					
Maxwell—Sec. 19-13-28 W.					
10-1	A. E. Johnston	0.4	3-9	A. W. Hall	2.9
10-11	do	0.9	9-10	A. E. Johnston	0.5
1-4	do	0.9			
CALAMUS RIVER					
Harrop—Sec. 24-23-18 W.					
10-23	A. E. Johnston	193.0	5-16	H. H. Odell	189.0
11-25	L. F. Hanks	215.0	6-15	do	175.0
1-21	H. P. Eisenhuth	191.0	7-18	C. B. Ham	159.0
3-18	L. R. Sawyer	213.0	8-15	do	168.0
4-16	H. P. Eisenhuth	194.0	9-25	do	166.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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CAMP CREEK
 West of Stratton—Sec. 14-2-35 W.

10-26	A. E. Johnston	0.0			
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CAMP CLARK SEEP
 Sec. 9-20-51 W.

10- 4	F. F. LeFever	5.6	2-19	A. E. Johnston	2.5
10-17	do	6.3	6- 8	M. C. Boyer	2.6
10-31	do	4.8	7-13	do	1.5
12- 5	do	3.5	7-25	do	6.9
2- 1	A. E. Johnston	1.9	8- 7	do	4.3

CASTLE ROCK WASTE
 West of McGrew—Sec. 34-21-53 W.

10-22	F. F. LeFever	8.0			
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CASTLE ROCK DRAIN
 Melbeta—Sec. 20-21-53 W.

10-22	F. F. LeFever	0.5			
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CEDAR BRANCH CREEK
 Nevins—Sec. 17-14-35 W.

11-18	A. E. Johnston	2.1	3- 6	A. W. Hall	4.6
12-18	A. W. Hall	1.2	5- 5	do	1.1
1- 7	A. E. Johnston	2.9	9-11	A. E. Johnston	1.3
2-26	A. W. Hall	2.9			

CEDAR CREEK
 Sec. 11-18-48 W.

10-18	F. F. LeFever	4.5	3- 7	A. E. Johnston	13.6
11-16	do	13.3	3-28	M. C. Boyer	13.2
11-21	A. E. Johnston	17.6	5- 4	A. W. Hall	3.5
12- 7	F. F. LeFever	13.2	5-26	do	2.9
1-11	A. E. Johnston	16.3	6-15	do	11.2
1-21	do	17.5	7-18	A. E. Johnston	1.9
2-10	M. C. Boyer	22.0	9- 9	A. W. Hall	2.1
2-20	A. E. Johnston	15.1	9-19	M. C. Boyer	1.9

CEDAR CREEK
 Fullerton—Sec. 11-16-6 W.

10-22	H. H. Odell	188.0	5-11	H. H. Odell	201.0
11-23	L. F. Hanks	192.0	6-12	do	177.0
1-17	H. P. Eisenhuth	103.0	7-21	C. B. Ham	110.0
3-16	L. R. Sawyer	245.0	8-14	do	95.0
4-15	H. P. Eisenhuth	233.9	9-17	do	152.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CENTER CREEK					
Franklin—Sec. 1-1-15 W.					
10-25	A. E. Johnston	5.2	9-23	A. E. Johnston	0.5
7-28	do	0.2			
CENTRAL CANAL WASTE					
Sec. 4-21-54 W.					
10-22	F. F. LeFever	11.8	5-28	M. C. Boyer	2.8
CHADRON CREEK					
One-half Mile Above City Reservoir—Sec. 19-32-48 W.					
11- 2	A. E. Johnston	2.1	4- 7	A. E. Johnston	3.2
12- 4	do	2.8	5-18	do	2.2
1-14	do	2.5	6-13	do	1.4
2-12	do	2.1	7-13	do	1.7
3-14	do	3.0	9- 1	do	1.3
CHADRON CREEK					
500 Feet Below City Reservoir—Sec. 18-32-48 W.					
11- 2	A. E. Johnston	0.1	4- 7	A. E. Johnston	1.4
12- 4	do	0.1	5-18	do	1.6
1-14	do	2.5	6-13	do	1.1
2-12	do	0.1	7-13	do	1.5
3-14	do	2.9	9- 1	do	1.0
CHADRON CREEK					
Station 36 of Pipe Line—Sec. 12-32-49 W.					
11- 2	A. E. Johnston	0.3	4- 7	A. E. Johnston	1.3
12- 4	do	3.5	5-18	do	0.1
1-14	do	2.2	6-13	do	0.1
2-12	do	0.0	7-13	do	0.0
3-14	do	2.6	9- 1	do	0.0
CHADRON CREEK					
Chadron-Crawford Highway—Sec. 2-32-49					
11- 2	A. E. Johnston	1.7	4-15	A. E. Johnston	1.2
12- 4	do	2.1	5-18	do	0.5
1-14	do	2.1	6-15	do	0.4
2-11	do	0.6	7-13	do	0.0
3-13	do	3.4	9- 1	do	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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CLEAR CREEK
 Sec. 32-16-41 W.

10- 4	A. E. Johnston	10.0	3-17	A. W. Hall	9.1
10-15	do	2.7	3-25	do	6.6
10-31	A. W. Hall	7.5	4- 8	do	8.9
11-19	A. E. Johnston	8.2	5- 4	do	9.2
12-17	A. W. Hall	6.0	5-26	do	6.1
1- 8	A. E. Johnston	10.8	6-16	do	0.0
1-20	A. W. Hall	11.4	7- 9	do	3.6
2-11	do	23.8	8-22	A. E. Johnston	0.0
3- 5	do	10.9	9-12	do	0.3

CLEAR CREEK, UPPER
 Ashland—Sec. 35-13-9 E.

10-19	H. H. Odell	6.1	5-12	H. H. Odell	6.8
11-13	L. F. Hanks	6.3	6-10	do	56.2
1-11	H. P. Eisenhuth	4.6	7-13	Odell-Ham	2.1
2- 4	do	2.1	8-10	C. B. Ham	1.6
3-12	L. R. Sawyer	28.2	9-12	do	2.2
4-11	H. P. Eisenhuth	7.0			

CLEVELAND DRAIN
 Sec. 6-20-52 W.

10- 4	F. F. LeFever	8.6	5-25	Johnston-Boyer	2.5
10-17	do	1.2	6-12	M. C. Boyer	1.6
10-31	do	1.4	6-30	do	2.2
11-14	do	0.8	7-23	do	0.7
12- 5	do	0.7	8- 7	do	1.5
1-15	M. C. Boyer	0.5	8-21	Boyer-Hervert	2.8
2-19	do	0.2	9- 5	M. C. Boyer	4.2
3-25	do	0.5	9-16	do	10.0
4-28	do	0.5	9-29	do	5.5

COLD WATER CREEK
 Sec. 34-18-46 W.

10-16	A. E. Johnston	0.1	4- 7	A. W. Hall	0.0
11-20	do	0.1	5- 1	do	0.2
12-16	A. W. Hall	4.1	5-25	do	0.1
2-11	do	5.8	7- 7	do	2.0
3- 4	do	1.7	9-20	A. E. Johnston	0.6

COTTONWOOD CREEK, BIG

Below Bloomington Power House—Sec. 36-2-16 W.

10-21	A. E. Johnston	3.7	9-23	A. E. Johnston	3.4
7-27	do	1.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
COTTONWOOD CREEK, LITTLE					
West of Bloomington—Sec. 6-1-15 W.					
10-24	A. E. Johnston	1.0	9-23	A. E. Johnston	0.2
7-27	do	0.1			
COTTONWOOD CREEK, BIG					
Sec. 22-33-50 W.					
11- 2	A. E. Johnston	0.0	4-16	A. E. Johnston	0.2
12- 4	do	0.1	5-16	do	0.1
1-14	do	0.0	6-15	do	0.1
2-11	do	0.0	7-13	do	0.1
3-13	do	2.1	9- 1	do	0.0
COTTONWOOD CREEK					
Dunlap—Sec. 27-29-48 W.					
10-29	A. E. Johnston	0.1	5-12	A. E. Johnston	0.6
11- 8	do	0.4	5-23	do	0.1
12- 3	do	0.6	6-12	do	0.1
3-20	do	0.6	6-26	do	0.0
4- 7	do	4.2	7-17	do	0.0
4-21	do	0.2	8-27	do	0.0
COTTONWOOD CREEK, LITTLE					
Sec. 8-32-52 W.					
3-12	A. E. Johnston	1.0	6-16	A. E. Johnston	0.02
4-16	do	0.1	7-14	do	0.00
5-16	do	0.1	8-31	do	0.00
COTTONWOOD CREEK, LITTLE					
South of Whitney Pipe Line Outlet—Sec. 8-32-51 W.					
11- 1	A. E. Johnston	0.2	5-16	A. E. Johnston	0.1
12- 4	do	0.5	6-15	do	0.0
1-14	do	1.4	7-13	do	0.0
3-13	do	3.9	9- 1	do	0.01
4-16	do	0.3			
COZAD CANAL TAIL WASTE					
Into Dawson County Canal—Sec. 6-10-22 W.					
10- 1	A. E. Johnston	38.8	5- 9	A. W. Hall	11.9
10-10	do	2.7	9- 9	A. E. Johnston	0.0
COZAD DRAIN					
Sec. 12-10-24 W.					
3- 9	A. W. Hall	1.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DAWSON COUNTY DRAIN NO. 1					
Into Strever Creek—Sec. 14-9-21 W.					
8- 1	R. F. Nosky	17.5	8-31	R. F. Nosky	12.3
DAWSON COUNTY DRAIN					
Darr—Sec. 25-10-23 W.					
10- 1	A. E. Johnston	2.5	3- 9	A. W. Hall	1.6
10-10	do	3.0	4-10	do	0.8
11-15	do	4.7	4-23	do	1.1
12-21	A. W. Hall	1.1	5-29	do	6.8
1- 4	A. E. Johnston	3.2	6-20	do	6.0
2-26	A. W. Hall	1.0	9- 9	A. E. Johnston	0.0
DAWSON COUNTY WASTE					
Into Buffalo Creek—Sec. 1-10-22 W.					
10-1	A. E. Johnston	1.5	5- 9	A. W. Hall	0.5
10-10	do	3.0			
DAWSON COUNTY WASTE					
Into Elm Creek—Sec. 13-9-19 W.					
5-30	A. W. Hall	7.0	6-20	A. W. Hall	2.0
DAWSON COUNTY WASTE					
Into French Creek—Sec. 1-10-22 W.					
10- 1	A. E. Johnston	3.2	5-30	A. W. Hall	21.2
10-10	do	45.2	6-20	do	0.5
4-23	A. W. Hall	0.5	9- 9	A. E. Johnston	0.1
5- 9	do	6.0			
DAWSON COUNTY WASTE					
Into Strever Creek—Sec. 5-10-22 W.					
7-17	Hall-Neff	20.0	7-26	Hall-Nosky	53.7
7-18	A. W. Hall	13.4	7-26	do	65.0
7-18	Hall-Nosky	30.9	7-27	A. W. Hall	71.2
7-19	R. F. Nosky	39.7	7-29	do	79.8
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
11- 2	A. E. Johnston	2.2	5-18	A. E. Johnston	0.7
12- 4	do	1.4	6-15	do	1.9
1-11	do	0.6	7-13	do	0.4
3-13	do	2.5	9- 1	do	0.0
4-15	do	8.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DEEP CREEK					
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-30-53 W.					
3-12	A. E. Johnston	1.6	6-16	A. E. Johnston	0.7
4-18	do	1.3			
DeGRAW DRAIN					
Sec. 24-20-51 W.					
10- 8	F. F. LeFever	4.8	5-20	M. C. Boyer	1.8
10-17	do	5.1	6-27	do	2.0
12- 7	do	4.8	7-25	do	1.1
1-21	A. E. Johnston	2.9	8- 7	do	1.5
2-19	do	2.4	8-24	do	2.0
3-27	M. C. Boyer	4.6	9- 2	do	1.5
4-21	do	1.0			
DISMAL RIVER					
Dunning—Sec. 4-21-24 W.					
10-24	H. H. Odell	319.0	5-16	H. H. Odell	331.0
11-25	L. F. Hanks	327.0	6-16	do	319.0
1-23	H. P. Eisenhuth	334.0	7-17	C. B. Ham	325.0
3-19	L. R. Sawyer	333.0	8-17	do	297.0
4-17	H. P. Eisenhuth	336.0	9-26	do	378.0
DRY CREEK					
Merriman—Sec. 20-34-37 W.					
11- 5	A. E. Johnston	0.0	5-22	A. E. Johnston	1.8
12- 6	do	0.5	6-23	do	0.0
1-16	do	0.0	7-10	do	0.0
3-17	do	7.9	9- 3	do	0.0
4- 9	do	39.1			
DUGOUT CREEK, UPPER					
Sec. 20-20-50 W.					
10- 8	F. F. LeFever	4.3	4-21	M. C. Boyer	1.0
10-17	do	3.9	5-20	do	1.0
11- 1	do	3.9	6- 8	do	1.5
12- 7	do	3.2	7- 7	do	1.0
1-11	A. E. Johnston	2.1	7-25	do	1.4
2-19	do	1.6	8- 7	do	4.8
3- 7	M. C. Boyer	0.2	8-24	do	4.5
3-27	do	1.8	9- 2	do	6.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ELKHORN RIVER					
O'Neill—Sec. 31-29-11 W.					
10-23	A. E. Johnston	23.3	5-15	H. H. Odell	127.0
11-24	L. F. Hanks	27.5	6-15	do	60.6
1-20	H. P. Eisenhuth	16.8	7-20	C. B. Ham	11.7
3-17	L. R. Sawyer	68.7	8-15	do	10.0
4-16	H. P. Eisenhuth	68.1	9-21	do	12.5
ELKHORN RIVER					
Neligh—Sec. 20-25-6 W.					
10-22	H. H. Odell	112.0	5-14	H. H. Odell	527.0
11-23	L. F. Hanks	135.0	6-13	do	197.0
1-18	H. P. Eisenhuth	113.0	7-20	C. B. Ham	34.8
3-17	L. R. Sawyer	313.0	8-14	do	28.0
4-16	H. P. Eisenhuth	260.9	9-18	do	71.3
ELKHORN RIVER					
Hooper—Sec. 4-19-7 E.					
8-23	C. B. Ham	120.0			
ELKHORN RIVER					
Waterloo—Sec. 10-15-10 E.					
10-21	H. H. Odell	309.0	5-13	H. H. Odell	935.0
11-19	L. F. Hanks	373.0	6-11	do	776.0
1-12	H. P. Eisenhuth	288.0	7-14	Ham-Odell	167.0
2- 7	do	234.0	7-11	University Students	184.0
3-11	L. R. Sawyer	5050.0	8- 8	C. B. Ham	100.0
4-13	H. P. Eisenhuth	848.0	9-21	do	594.0
ELKHORN RIVER					
Westpoint—Sec. 27-22-6 E.					
9-21	C. B. Ham	297.0			
ELM CREEK					
Elm Creek—Sec. 33-9-18 W.					
10-10	A. E. Johnston	7.4	5- 7	A. W. Hall	0.0
11-15	do	1.2	5-10	do	51.1
1- 3	do	0.0	5-30	do	7.4
2-25	A. W. Hall	0.0	6-20	do	7.2
3-10	do	0.0	6-30	do	0.0
3-20	do	0.0	9- 9	A. E. Johnston	0.0
4-11	do	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ENTERPRISE CANAL WASTE					
Into Winters Creek—Sec. 17-22-54 W.					
10-30	F. F. LeFever	8.6	6-30	M. C. Boyer	0.0
4-21	M. C. Boyer	8.5	7-22	do	11.9
5- 1	do	5.5	8- 6	do	28.9
5-23	do	11.8	9-18	do	24.4
6- 8	do	12.6			
FAIRFIELD SEEP					
Sec. 18-21-53 W.					
10-17	F. F. LeFever	0.3	5-20	M. C. Boyer	0.5
10-31	do	0.2	6-17	do	1.0
12- 5	do	0.0	7- 6	do	1.0
1-14	M. C. Boyer	0.0	8- 6	do	1.5
2-19	do	0.2	8-22	do	1.2
3-25	do	0.5	9- 5	do	1.5
5-11	do	0.3			
FANNING SEEP					
One-half Mile North Mitchell Bridge—Sec. 28-23-56 W.					
10- 3	F. F. LeFever	3.2	5- 8	M. C. Boyer	1.0
10-16	do	3.9	6-12	do	2.0
10-30	do	3.7	7- 3	do	1.0
12- 4	do	3.2	7-14	do	1.5
1-14	M. C. Boyer	2.2	8- 5	do	3.9
2-20	do	0.5	8-19	do	2.0
3-25	do	1.5	9-17	do	2.0
4-23	do	2.0	9-30	do	1.5
FREMONT SLOUGH					
North Platte—Sec. 16-13-30 W.					
10- 2	A. E. Johnston	0.6	3- 7	A. W. Hall	3.9
10-12	do	0.7	3-19	do	4.0
11-18	do	1.3	5- 6	do	2.3
1- 4	do	0.6	9-10	A. E. Johnston	0.0
2-26	A. W. Hall	0.5			
FRENCHMAN RIVER					
Above Maranville Reservoir—Sec. 10-6-41 W.					
10-22	A. E. Johnston	3.4	4-30	A. E. Johnston	4.9
11-27	do	4.0	6- 3	do	4.6
1-25	do	3.8	6-28	do	2.4
2-28	do	4.8	7-25	do	2.5
3-30	do	4.3	9-21	do	2.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCHMAN RIVER					
Below Maranville Reservoir—Sec. 11-6-41 W.					
10-22	A. E. Johnston	5.6	6- 3	A. E. Johnston	0.1
11-27	do	8.8	6-22	A. W. Hall	0.5
1-25	do	5.8	6-28	A. E. Johnston	0.1
2-28	do	7.6	7-25	do	1.2
3-30	do	5.4	9-21	do	0.3
4-30	do	7.6			
FRENCHMAN RIVER					
Below Inman Canal—Sec. 17-6-40 W.					
10-22	A. E. Johnston	26.7	4-30	A. E. Johnston	28.3
11-27	do	25.2	6- 3	do	13.6
1-25	do	25.3	6-28	do	11.7
2-28	do	22.9	7-25	do	11.8
3-30	do	25.1	9-21	do	14.4
FRENCHMAN RIVER					
Below Champion Canal Diversion Dam—West Line of Sec. 23-6-40 W.					
10-22	A. E. Johnston	13.3	4-30	A. E. Johnston	11.2
11-27	do	15.3	6- 3	do	8.5
1-25	do	28.6	6-28	do	16.5
2-28	do	11.5	7-25	do	9.4
3-30	do	9.2	9-21	do	13.8
FRENCHMAN RIVER					
Above Champion—Sec. 19-6-39 W.					
10-22	A. E. Johnston	21.6	4- 3	A. E. Johnston	38.9
11-27	do	25.3	1-30	do	18.8
11-30	do	22.3	6- 3	do	17.2
1- 1	H. P. Eisenhuth	33.7	6-22	do	15.5
1-25	A. E. Johnston	39.7	6-28	do	22.6
2-28	do	23.1	7-25	do	18.8
3- 4	do	20.3	8-14	L. R. Sawyer	10.8
3-30	do	16.0	9-21	A. E. Johnston	30.8
FRENCHMAN RIVER					
Below Champion—SW $\frac{1}{4}$ Sec. 22-6-39 W.					
10-22	A. E. Johnston	59.1	6- 3	A. E. Johnston	29.1
11-27	do	59.2	6-28	Johnston-Gerlach	33.6
1- 4	H. P. Eisenhuth	39.7	7-25	A. E. Johnston	29.5
1-25	A. E. Johnston	93.9	8-14	L. R. Sawyer	4.7
2-28	do	71.6	9-21	A. E. Johnston	57.8
3-30	do	46.8	9-30	C. B. Ham	20.8
4-30	do	34.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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FRENCHMAN RIVER
Hamlet—Sec. 19-5-34 W.

10-23	A. E. Johnston	93.8	6-4	A. E. Johnston	99.2
11-27	do	112.6	6-22	A. W. Hall	79.2
11-30	do	108.6	6-29	A. E. Johnston	73.3
1-5	H. P. Eisenhuth	105.0	7-21	do	56.6
1-25	A. E. Johnston	129.0	7-25	do	55.8
3-4	do	108.3	8-13	L. R. Sawyer	69.3
4-3	do	128.8	9-22	A. E. Johnston	92.5
5-1	do	98.2	9-30	C. B. Ham	72.0

FRENCHMAN RIVER
Culbertson—Sec. 17-3-31 W.

10-23	A. E. Johnston	64.0	5-2	A. E. Johnston	59.8
11-29	do	162.4	6-5	do	197.5
1-6	H. P. Eisenhuth	154.0	6-22	A. W. Hall	29.8
1-27	A. E. Johnston	200.1	6-29	A. E. Johnston	19.5
2-29	do	231.2	7-29	do	23.1
3-3	do	239.0	8-13	L. R. Sawyer	8.7
3-31	do	192.3	9-9	C. B. Ham	22.4
4-7	H. P. Eisenhuth	183.0	9-22	A. E. Johnston	28.6

GERING DRAIN
Sec. 6-21-54 W.

10-3	F. F. LeFever	26.1	4-24	M. C. Boyer	50.5
10-17	do	22.7	5-28	do	31.4
10-30	do	29.1	6-12	do	27.0
11-23	do	33.7	6-30	do	31.7
12-23	M. C. Boyer	21.3	7-17	do	25.2
1-11	do	23.2	8-6	do	25.8
2-20	do	17.9	8-22	do	16.3
3-11	do	21.0	9-5	do	15.9
3-25	do	22.0	9-16	do	17.3

GERING WASTE
Henry—Sec. 3-23-58 W.

5-18	A. W. Hall	20.3	7-13	J. A. Whiting, Jr.	36.1
5-21	M. C. Boyer	16.9	7-30	do	73.5
7-1	do	131.0	8-4	do	25.6

GERING WASTE
Lower Bad Lands—Sec. 29-22-55 W.

10-22	F. F. LeFever	29.7	11-6	F. F. LeFever	40.0
10-30	do	1.0	11-13	do	1.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
GERING WASTE					
Upper Bad Lands—Sec. 29-22-55 W.					
10-30	F. F. LeFever	0.0	11-13	F. F. LeFever	5.0
11- 6	do	46.5			
GERING WASTE					
Melbeta—Sec. 14-21-54 W.					
10-22	F. F. LeFever	25.5	11- 6	F. F. LeFever	0.0
10-23	do	0.0	11-13	do	0.0
GORDON CREEK					
Valentine—Sec. 30-33-28 W.					
11- 4	A. E. Johnston	6.5	5-20	A. E. Johnston	10.7
12- 5	do	6.5	6-24	do	3.7
1-17	do	6.7	7- 9	do	5.0
3-18	do	7.6	9- 4	do	2.8
4-10	do	14.1			
GORDON CREEK					
Sec. 6-29-33 W.					
4-13	A. E. Johnston	20.5	5-21	A. E. Johnston	7.6
4-13	do	55.3	7- 7	do	0.5
GOTHENBURG POWER WASTE					
Gothenburg—Sec. 9-11-25 W.					
10- 1	A. E. Johnston	162.0	3- 9	A. W. Hall	89.2
10-11	do	207.9	3-20	do	25.0
11-16	do	10.9	6-19	do	118.0
12-21	A. W. Hall	5.1	6-28	do	2.1
1- 4	A. E. Johnston	47.0	7-14	do	151.0
1-23	A. W. Hall	155.0	7-23	do	175.2
2-25	do	15.6	9- 9	A. E. Johnston	36.1
GOTHENBURG TAIL-WASTE					
Into Buffalo Creek—Sec. 8-11-22 W.					
10- 1	A. E. Johnston	0.0	5-30	A. W. Hall	0.0
10-10	do	0.0	6-20	do	5.4
4-23	A. W. Hall	1.4	9- 9	A. E. Johnston	0.0
5- 9	do	16.4			
GOTHENBURG LATERAL WASTE					
Into Buffalo Creek—Sec. 20-11-22 W.					
10- 1	A. E. Johnston	8.2	10-10	A. E. Johnston	1.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
GOVERNMENT SPRING					
Below Ft. Robinson Pumping Plant—4 Foot Weir					
11- 1	A. E. Johnston	0.6	1-18	A. E. Johnston	0.6
12- 3	do	0.4	5-16	do	0.6
1-13	do	0.6	6-16	do	0.9
2-11	do	0.4	7-14	do	0.9
3-12	do	0.8	8-31	do	0.1
GRAVEL CREEK					
Sec. 9-14-36 W.					
11-19	A. E. Johnston	3.1	5- 5	A. W. Hall	2.1
1- 7	do	4.3	5-27	do	3.0
2-26	A. W. Hall	9.4	6-17	do	2.4
3- 6	do	3.2	9-11	A. E. Johnston	0.6
GREENWOOD CREEK					
Mouth—Sec. 26-19-50 W.					
3-21	A. E. Johnston	0.5	5-27	A. E. Johnston	0.0
4-22	do	0.0	6-10	do	1.2
5- 7	do	3.0	8-26	do	0.0
HAT CREEK					
Above Coffee Canal—Sec. 35-33-55 W.					
10-31	A. E. Johnston	4.5	6-18	A. E. Johnston	1.9
3-10	do	3.1	7-15	do	0.8
4-17	Johnston-Rasmussen	3.6	8-29	do	0.1
5-14	A. E. Johnston	2.2			
HORSE CREEK					
Lyman—Sec. 25-23-58 W.					
10- 1	F. F. LeFever	38.0	5-21	M. C. Boyer	10.7
10-30	do	25.1	6- 1	do	148.7
11-12	do	26.0	6-11	do	102.9
12- 3	do	21.2	7- 1	do	23.5
12-22	M. C. Boyer	11.8	7-15	do	47.7
1-13	do	12.7	8- 1	do	18.5
2-22	do	11.6	8-18	do	30.6
3-10	do	12.6	9- 3	do	37.8
3-24	do	12.1	9-16	do	35.2
4-23	do	10.7	9-30	do	22.0
5- 7	do	7.8			
HORSE CREEK					
Pringle's Ranch—Sec. 23-1-39 W.					
10-26	A. E. Johnston	3.0	5- 5	A. E. Johnston	2.0
11-20	do	3.0	6- 8	do	2.1
1-20	do	3.8	7- 1	do	1.2
3- 2	do	1.8	7-30	do	1.5
4- 2	do	4.1	9-25	do	1.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

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

Northport Wye—Sec. 19-20-50 W.

10- 8	F. F. LeFever	4.6	4-21	M. C. Boyer	2.0
10-17	do	3.9	5-20	do	1.3
11- 1	do	4.5	6- 8	do	1.4
12- 7	do	4.1	7- 7	do	2.1
1-11	A. E. Johnston	4.1	7-25	do	5.0
1-21	do	3.4	8- 7	do	5.6
2-19	do	3.6	8-24	do	4.8
3- 7	M. C. Boyer	2.9	9- 2	do	8.6
3-27	do	2.4			

INDIAN CREEK

Max—Sec. 23-2-36 W.

10-26	A. E. Johnston	1.6	6- 6	A. E. Johnston	35.5
11-29	do	3.3	6-30	do	1.5
1-28	do	8.4	7-29	do	1.2
3- 3	do	6.2	9-21	do	2.4
5- 4	do	3.7			

JIM CREEK

Sec. 13-33-57 W.

10-31	A. E. Johnston	1.2	6-18	A. E. Johnston	0.7
3-10	do	0.3	7-15	do	0.3
1-17	Johnston-Rasmussen	0.1	8-29	do	0.1
5-11	A. E. Johnston	0.6			

JIM CREEK

Sec. 7-33-56 W.

10-31	A. E. Johnston	0.8	6-18	A. E. Johnston	0.0
3-10	do	0.2	7-15	do	0.0
4-17	Johnston-Rasmussen	0.1	8-29	do	0.02
5-11	A. E. Johnston	0.0			

KEITH-LINCOLN COUNTY DRAIN

Sarben—Sec. 23-14-35 W.

11-18	A. E. Johnston	2.9	1-21	A. W. Hall	1.6
12-18	A. W. Hall	2.1	3- 6	do	0.4
1- 7	A. E. Johnston	0.7	4-15	do	1.0

KEITH-LINCOLN COUNTY WASTE

Sec. 25-14-34 W.

5-27	A. W. Hall	2.3			
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LANE DRAIN Sec. 30-23-57 W.					
10- 2	F. F. LeFever	2.4	6-11	M. C. Boyer	2.0
12- 3	do	1.2	7- 2	do	2.0
1-13	M. C. Boyer	0.0	7-15	do	1.5
5- 7	do	0.0	8- 1	do	1.5
5-21	do	0.1	9- 3	do	0.8
LARABEE CREEK Sec. 6-34-44 W.					
11- 4	A. E. Johnston	3.2	4- 8	A. E. Johnston	4.0
12- 7	do	3.6	5-19	do	3.4
1-15	do	3.5	6-22	do	3.0
2-13	do	3.2	7-11	do	1.2
3-16	do	3.6	9- 2	do	0.9
LAWRENCE FORK Sec. 36-19-52 W.					
1-22	A. E. Johnston	6.1	5-27	A. E. Johnston	1.1
2-24	do	8.5	6-11	do	1.9
3-21	do	7.4	8- 6	do	0.5
4-23	do	1.7			
LAWRENCE FORK South of Redington—Sec. 1-18-52 W.					
10-17	A. E. Johnston	0.0	5- 7	A. E. Johnston	3.6
11-22	do	8.9	9-28	do	1.0
1-22	do	8.0			
LEANDER CREEK Merriman—Sec. 33-34-37 W.					
11- 5	A. E. Johnston	0.0	5-22	A. E. Johnston	0.1
12- 6	do	0.0	6-23	do	0.0
1-16	do	0.0	7-10	do	0.0
3-17	do	0.8	9- 3	do	0.0
4- 9	do	9.6			
LINCOLN COUNTY DRAIN NO. 1 North Platte—Sec. 30-14-30 W.					
10- 2	A. E. Johnston	71.0	3- 7	A. W. Hall	41.1
10-12	do	66.8	3-19	do	35.2
11-18	do	50.6	4- 9	do	32.6
12-18	A. W. Hall	42.7	5- 6	do	31.0
1- 6	A. E. Johnston	43.4	5-28	do	51.3
1-22	A. W. Hall	43.4	6-18	do	52.1
2-12	do	37.1	7- 3	do	39.1
2-26	do	41.1	9-11	A. E. Johnston	56.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LINCOLN COUNTY DRAIN NO. 2					
Sec. 12-14-33 W.					
10-14	A. E. Johnston	4.8	3- 7	A. W. Hall	3.6
11-18	do	4.0	3-19	do	2.3
12-18	A. W. Hall	3.0	4- 9	do	3.2
1- 7	A. E. Johnston	5.4	5- 6	do	2.2
1-22	A. W. Hall	4.5	5-28	do	3.6
2-12	do	3.8	6-18	do	3.2
2-26	do	4.1	9-11	A. E. Johnston	4.2
LODGEPOLE CREEK					
Wyoming-Nebraska Line—Sec. 11-14-59 W.					
10-19	A. E. Johnston	2.2	3-26	A. E. Johnston	10.5
11-23	do	3.4	4-25	do	5.7
12-11	do	3.2	5-29	do	3.7
1-23	do	6.4	7-23	do	2.2
2- 6	do	5.0	9-16	Johnston-Hanna	4.2
2-26	do	13.1			
LODGEPOLE CREEK					
Above Oliver Reservoir—Bushnell—Sec. 33-15-57 W.					
10-19	A. E. Johnston	13.9	4-25	A. E. Johnston	18.3
11-23	do	19.8	5-29	do	11.0
12-11	do	12.3	6-25	A. W. Hall	7.9
1-23	do	17.5	7- 5	do	5.4
2- 6	do	13.0	7-23	Johnston-Forsling	4.1
2-26	do	21.5	9-16	Johnston-Hanna	8.4
3-26	do	17.8			
LODGEPOLE CREEK					
Below Oliver Reservoir—Sec. 31-15-56 W.					
10-19	A. E. Johnston	1.0	4-25	A. E. Johnston	5.2
11-23	do	3.1	5-29	do	2.5
12-11	do	3.5	6-25	A. W. Hall	1.2
1-23	do	3.6	7- 5	do	4.8
2- 6	do	1.2	7-23	Johnston-Forsling	2.9
3-26	do	0.8	9-16	Johnston-Hanna	1.5
LODGEPOLE CREEK					
Kimball—Sec. 29-15-55 W.					
10-18	A. E. Johnston	5.1	3-25	A. E. Johnston	13.6
11-22	do	17.0	4-24	do	11.3
1-23	do	11.9	5-29	do	4.0
2- 6	do	18.0	7-22	do	5.3
2-25	do	14.7	9-15	do	5.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below Bennett Reservoir—Sec. 22-15-55 W.					
1-23	A. E. Johnston	1.4	3-27	A. E. Johnston	6.7
2-25	do	4.1	4-27	do	0.1
LODGEPOLE CREEK					
Dix—Sec. 26-15-54 W.					
10-19	A. E. Johnston	0.0	3-27	A. E. Johnston	14.2
11-23	do	0.0	4-27	do	1.0
1-23	do	0.0	5-30	do	0.0
2-26	do	0.0	9-17	do	0.0
LODGEPOLE CREEK					
Below Christensen Canals—Sec. 7-14-51 W.					
3-27	A. E. Johnston	5.1			
LODGEPOLE CREEK					
Sidney—Sec. 31-14-49 W.					
10-21	A. E. Johnston	1.7	4-27	A. E. Johnston	4.0
12- 2	do	2.0	6- 9	do	31.0
1-24	do	0.8	8- 1	do	0.5
2-27	do	0.8	9-17	do	0.7
3-28	do	0.0			
LODGEPOLE CREEK					
Below Kreuger's Lake—Sec. 29-14-48 W.					
10-21	A. E. Johnston	3.4	4-28	A. E. Johnston	0.4
12- 2	do	7.6	6- 1	do	0.2
1-24	do	6.8	7- 3	do	0.1
2-27	do	7.1	8- 1	do	0.1
3-28	do	0.2	9-18	do	0.1
LODGEPOLE CREEK					
Rock Pile—NE Corner of Sec. 33-14-48 W.					
10-21	A. E. Johnston	4.7	6- 1	A. E. Johnston	2.7
12- 2	do	8.7	7- 3	do	0.4
1-21	do	9.2	8- 1	do	0.3
3-28	do	1.0	9-18	do	1.0
1-28	do	2.9			
LODGEPOLE CREEK					
Above LaGrange Dam—Sec. 27-14-48 W.					
10-21	A. E. Johnston	5.0	4-28	A. E. Johnston	3.8
3-28	do	2.2	6- 1	do	3.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Below LaGrange Dam—Sec. 27-14-48 W.					
10-21	A. E. Johnston	4.0	5-11	A. E. Johnston	1.9
12- 2	do	3.9	6- 1	do	2.6
1-24	do	4.7	7- 3	do	0.2
2-27	do	0.4	8- 1	do	0.2
3-28	do	2.6	9-18	do	0.5
4-28	do	3.1			
LODGEPOLE CREEK					
Above Bluhm Dam—Sec. 36-14-48 W.					
10-21	A. E. Johnston	2.8	3-28	A. E. Johnston	0.6
12- 2	do	4.0	8- 1	do	0.01
1-24	do	4.0			
LODGEPOLE CREEK					
Below Bluhm Dam—Sec. 25-14-48 W.					
2-27	A. E. Johnston	1.7	9-18	A. E. Johnston	0.2
6- 1	do	0.7			
LODGEPOLE CREEK					
Below McLaughlin Dam—Sec. 25-14-48 W.					
12- 2	A. E. Johnston	0.3	2-27	A. E. Johnston	1.2
1-24	do	4.0	3-28	do	0.0
LODGEPOLE CREEK					
Lodgepole—Sec. 30-14-46 W.					
10-21	A. E. Johnston	1.3	6- 1	A. E. Johnston	1.7
12- 2	do	6.2	7- 3	do	2.1
1-24	do	8.9	8- 1	do	0.04
3-28	do	7.2	9-18	do	1.0
4-28	do	6.2			
LODGEPOLE CREEK					
Chappell—Sec. 21-13-45 W.					
10-21	A. E. Johnston	0.4	6- 2	A. E. Johnston	1.9
11-26	do	6.8	6- 9	do	21.9
1-24	do	10.6	7- 2	do	0.2
2-27	do	11.7	7-31	do	0.1
4- 4	do	6.3	9-18	do	0.1
4-28	do	1.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOGDEPOLE CREEK					
Interstate Station at Ralton—Sec. 12-12-45 W.					
10-22	A. E. Johnston	0.1	6- 2	A. E. Johnston	2.7
11-26	do	7.9	6- 9	do	11.0
1-21	do	10.7	7- 2	do	0.1
2-27	do	7.1	7-31	do	0.02
4- 4	do	9.8	9-19	do	3.9
4-29	do	3.4			
LOGAN DRAIN					
Oakland—Sec. 3-20-8 E.					
9-21	C. B. Ham	40.9			
LONERGAN CREEK					
Lemoyne—Sec. 19-15-39 W.					
10- 4	A. E. Johnston	3.2	3-17	A. W. Hall	6.2
10-15	do	2.9	4- 8	do	7.8
11-19	do	6.2	5- 4	do	3.3
12-17	A. W. Hall	5.0	5-26	do	1.7
1- 8	A. E. Johnston	8.2	6-16	do	0.5
1-21	A. W. Hall	3.9	8-22	A. E. Johnston	2.7
2-11	do	8.5	9-12	do	0.1
3- 5	do	7.3			
LOST CREEK					
Sec. 1-16-44 W.					
10- 1	A. E. Johnston	0.2	3- 4	A. W. Hall	1.1
10-16	do	0.2	3-17	do	0.0
11-20	do	0.5	4- 7	do	1.3
2-11	A. W. Hall	0.0			
LOUP RIVER, NORTH					
Taylor—Sec. 22-21-18 W.					
10-23	A. E. Johnston	396.0	5-15	H. H. Odell	462.0
11- 5	do	458.0	6-15	do	364.0
11-25	L. F. Hanks	517.0	7-18	C. B. Ham	316.0
1-21	H. P. Elsenhuth	448.0	8-15	do	290.0
3-18	L. R. Sawyer	536.0	9-25	do	338.0
4-17	H. P. Elsenhuth	534.0			
LOUP RIVER, NORTH					
St. Paul—Sec. 22-15-10 W.					
10-25	H. H. Odell	853.0	5-19	H. H. Odell	767.0
11-27	L. F. Hanks	1210.0	6-17	do	572.0
1-16	H. P. Elsenhuth	868.0	7-15	C. B. Ham	469.0
2-13	do	520.0	8- 7	do	835.0
3-10	L. R. Sawyer	1290.0	8-20	do	506.0
4-15	H. P. Elsenhuth	976.0	9- 9	do	636.0
4-22	do	760.0	9-24	do	618.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, MIDDLE					
Sargent—Sec. 1-19-20 W.					
10-24	H. H. Odell	871.0	5-16	H. H. Odell	850.0
11-25	L. F. Hanks	868.0	6-15	do	665.0
1-22	H. P. Eisenhuth	780.0	7-17	C. B. Ham	603.0
3-18	L. R. Sawyer	1030.0	8-17	do	735.0
4-17	H. P. Eisenhuth	902.0	9-26	do	736.0
LOUP RIVER, MIDDLE					
Boelus—Sec. 29-13-12 W.					
10- 9	A. E. Johnston	281.0	1- 3	A. E. Johnston	1070.0
11-13	do	418.0			
LOUP RIVER, MIDDLE					
St. Paul—Sec. 10-14-10 W.					
10-25	H. H. Odell	1140.0	5-19	H. H. Odell	957.0
11-27	L. F. Hanks	1510.0	6-17	do	685.0
1-14	H. P. Eisenhuth	1340.0	7-15	Odell-Ham	542.0
2-12	do	421.0	8- 7	C. B. Ham	1340.0
3- 7	L. R. Sawyer	2920.0	8-20	do	567.0
4-15	H. P. Eisenhuth	1060.0	9-10	do	851.0
4-22	do	1190.0	9-23	do	734.0
LOUP RIVER, SOUTH					
Calloway—Sec. 1-15-23 W.					
10- 8	A. E. Johnston	64.9	11-12	A. E. Johnston	77.8
LOUP RIVER					
Columbus—Sec. 29-17-1 E.					
10- 1	Wayne Cantral	1820.0	2-28	Cantral-DeLay	1900.0
10-14	Cantral-DeLay	1890.0	3- 4	do	19030.0
10-19	Wayne Cantral	1930.0	3-11	do	5770.0
10-28	do	2210.0	3-17	Wayne Cantral	3500.0
11- 5	do	1960.0	3-21	do	3150.0
11-13	Cantral-Delay	2750.0	4- 3	do	2000.0
11-21	Cantral-Kellog	2620.0	4-10	do	2550.0
11-29	do	3220.0	4-18	do	2300.0
12- 6	do	2360.0	4-30	do	2660.0
12-12	do	2540.0	5- 9	do	3720.0
12-19	do	2170.0	5-15	do	3130.0
1- 2	DeLay-Cantral	821.0	5-22	do	2100.0
1- 9	Cantral-Delay	1300.0	5-29	do	2190.0
1-21	Cantral-Kellog	1120.0	6- 5	do	3100.0
1-30	do	1660.0	6-12	do	1810.0
2- 7	Cantral-DeLay	1270.0	6-19	do	1580.0
2-14	do	1440.0	6-26	do	1400.0
2-20	do	1580.0	7-13	University Students	843.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOVELY CREEK					
East of Franklin—Sec. 35-2-14 W.					
10-21	A. E. Johnston	0.6			
McGUIRES SLOUGH					
Sec. 21-6-40 W.					
10-22	A. E. Johnston	2.4	4-30	A. E. Johnston	2.7
11-27	do	4.3	6-3	do	1.9
1-25	do	1.9	6-28	do	1.6
2-28	do	2.4	7-25	do	1.3
3-30	do	1.9	9-21	do	1.7
MEDICINE CREEK					
Maywood—Sec. 16-8-29 W.					
6-27	A. E. Johnston	9.2			
MEDICINE CREEK					
Cambridge—Sec. 18-4-25 W.					
10-24	A. E. Johnston	37.4	7-28	A. E. Johnston	16.6
4-1	do	34.0	9-23	do	23.0
4-11	do	41.8			
MELBETA DRAIN					
One-half Mile West Melbeta Bridge—Sec. 13-21-54 W.					
10-17	F. F. LeFever	0.1	5-25	Johnston-Boyer	0.2
10-22	do	1.0	6-12	M. C. Boyer	9.6
10-31	do	2.7	6-30	do	0.0
12-5	do	2.7	8-6	do	0.0
1-14	M. C. Boyer	0.2	8-22	do	0.1
3-25	do	1.0	9-5	do	0.0
5-1	do	4.2			
METHODIST CREEK					
Sec. 35-2-18 W.					
10-20	A. E. Johnston	0.4	10-21	A. E. Johnston	0.3
MINNECHUDUZA CREEK					
Valentine—Sec. 23-34-29 W.					
11-7	A. E. Johnston	22.2	5-22	A. E. Johnston	18.0
12-6	do	25.2	6-25	do	9.3
1-18	do	17.9	7-6	do	3.4
3-19	do	28.4	9-5	do	8.5
4-14	do	40.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MITCHELL SPILLWAY					
From Tri-State Canal—Sec. 35-23-56 W.					
10-15	F. F. LeFever	23.9	3-25	M. C. Boyer	5.1
11-13	do	0.2	4-24	do	1.5
11-23	do	0.0	5- 8	do	0.0
12- 4	do	0.2	5-22	do	1.0
12-22	M. C. Boyer	20.0	6-12	do	38.9
1-14	do	16.3	7- 3	do	0.0
2-20	do	2.0			
MONROE CREEK					
Above Monore Canal—Sec. 33-33-56 W.					
3-10	A. E. Johnston	1.4			
MONROE CREEK					
Below Monroe Canal—Sec. 33-33-56 W.					
10-31	A. E. Johnston	3.2	6-18	A. E. Johnston	0.02
4-17	Johnston-Rasmussen	0.1	7-15	do	0.1
5-14	A. E. Johnston	0.01	8-29	do	0.1
MUDDY CREEK					
Arapahoe—Sec. 16-4-23 W.					
10-24	A. E. Johnston	6.3	9-23	A. E. Johnston	0.0
MUDDY CREEK					
Hazard—Sec. 29-13-15 W.					
10-24	H. H. Odell	26.1	5-16	H. H. Odell	26.2
11-26	L. F. Hanks	19.9	6-16	do	21.7
1-23	H. P. Eisenhuth	23.2	7-16	C. B. Ham	9.4
3-19	L. R. Sawyer	31.6	8-18	do	9.1
4-17	H. P. Eisenhuth	27.0	9-27	do	10.9
MUDDY CREEK					
Sec. 3-5-24 W.					
7-25	Johnston-Larson	0.4	7-27	Johnston-Larson	0.2
MUDDY CREEK					
Sec. 24-5-24 W.					
7-27	A. E. Johnston	0.5			
MUDDY CREEK					
Secs. 8 and 17-6-24 W.					
7-27	A. E. Johnston	0.01			
NEMAHA RIVER					
Near Falls City Sec. 16-1- 17 E.					
9-14	C. B. Ham	65.2			
NEMAHA RIVER, LITTLE					
Near Auburn—Sec. 10-5-14 E.					
9-14	C. B. Ham	42.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NINE MILE DRAIN					
Minatare—Sec. 25-21-53 W.					
10- 1	F. F. LeFever	121.1	4- 9	M. C. Boyer	72.1
10-17	do	109.7	4-28	do	63.9
10-31	do	94.0	5-14	do	55.2
12- 5	do	86.3	5-28	do	84.2
12-21	M. C. Boyer	81.7	7- 8	do	114.1
1-15	do	74.6	7-23	do	100.0
2-19	do	71.2	8- 7	do	123.8
3- 7	do	69.0	8-24	do	138.4
3-27	do	67.8	9-18	do	138.6
NIOBRARA RIVER					
Wyoming State Line—Sec. 20-31-58 W.					
10-31	A. E. Johnston	6.3	6-17	A. E. Johnston	4.2
3-11	do	7.8	7-15	do	2.1
4-20	do	8.3	8-29	do	3.4
5-15	do	6.4			
NIOBRARA RIVER					
South of Harrison—Sec. 9-29-56 W.					
10-31	A. E. Johnston	9.2	6-17	A. E. Johnston	7.1
3-11	do	21.8	7-16	do	5.9
4-20	do	15.1	8-29	do	6.2
5-13	do	9.4			
NIOBRARA RIVER					
Agate—Sec. 7-28-55 W.					
10-30	A. E. Johnston	11.8	6-19	A. E. Johnston	11.9
3-11	do	27.9	7-16	do	7.1
4-21	do	28.5	8-28	do	4.3
5-15	do	4.9			
NIOBRARA RIVER					
Below Mouth of Whistle Creek—Sec. 7-28-53 W.					
10-30	A. E. Johnston	10.8	6-19	A. E. Johnston	5.7
3-11	do	50.0	7-16	do	3.1
4-21	do	31.2	8-28	do	3.6
5-15	do	7.3			
NIOBRARA RIVER					
East of Marsland—Sec. 36-29-51 W.					
10-29	A. E. Johnston	15.2	1-21	A. E. Johnston	47.6
12- 3	do	26.4	5-12	do	17.5
1-13	do	38.6	6-12	do	13.1
2-10	do	27.6	7-17	do	4.7
3- 9	do	75.6	8-27	do	6.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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NIOBRARA RIVER
Dunlap—Sec. 27-29-48 W.

10-29	A. E. Johnston	17.8	4-21	A. E. Johnston	62.6
11- 8	do	39.0	5-12	do	18.0
12- 3	do	50.8	5-23	do	4.4
12- 7	do	55.1	6-12	do	16.8
1-20	do	44.1	6-26	do	8.0
2-11	do	52.0	7-17	do	3.6
3-20	do	83.1	8-27	do	4.3
4- 7	do	75.7			

NIOBRARA RIVER
South of Gordon—Sec. 15-31-41 W.

11- 5	A. E. Johnston	128.3	5-19	A. E. Johnston	96.5
12- 6	do	167.3	6-23	do	80.0
1-16	do	210.0	7-10	do	63.0
3-17	do	212.0	9- 3	do	63.7
4- 9	do	331.5			

NIOBRARA RIVER
Valentine—Sec. 30-33-28 W.

11- 6	A. E. Johnston	947.0	5-20	A. E. Johnston	760.0
12- 5	do	806.0	6-21	do	613.3
1-17	do	763.1	7- 9	do	568.1
3-18	do	932.0	9- 1	do	658.2
4-10	do	1360.7			

NIOBRARA RIVER
Below Dam at Valentine—Sec. 28-34-27 W.

11- 7	A. E. Johnston	908.0	5-22	A. E. Johnston	946.0
12- 5	do	950.0	6-25	do	606.0
1-18	do	706.0	7- 8	do	597.0
3-19	do	1051.0	9- 5	do	621.1
4-11	do	1179.0			

NORTH PLATTE CANAL WASTE
North Platte—Sec. 29-14-30 W.

10- 2	A. E. Johnston	34.0	5-28	A. W. Hall	0.5
10-12	do	39.0	6-19	do	19.6
5- 6	do	0.8	7- 3	do	0.5
5-11	A. W. Hall	42.7	9-11	A. E. Johnston	10.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NORTH PLATTE POWER WASTE					
Sec. 9-13-30 W.					
6-28	A. W. Hall	65.0	6-29	A. W. Hall	210.0
OAK CREEK					
Lincoln—Sec. 16-10-6 E.					
10-18	H. H. Odell	3.2	5-11	H. H. Odell	20.4
11-17	L. F. Hanks	4.3	6-19	do	3.8
1-10	H. P. Eisenhuth	3.2	7-13	Odell-Ham	2.3
2- 4	do	2.6	8-11	C. B. Ham	1.4
3-12	L. R. Sawyer	19.1	9-11	do	1.4
4-10	H. P. Eisenhuth	7.2			
OAK CREEK					
Near Lincoln—Sec. 29-11-6 E.					
9-22	C. B. Ham	1.1			
OTTER CREEK					
Lemoyne—Sec. 5-15-40 W.					
10- 4	A. E. Johnston	23.2	3-17	A. W. Hall	24.2
10-15	do	24.4	3-25	do	20.4
10-31	A. W. Hall	23.1	4- 8	do	18.5
11-19	A. E. Johnston	24.2	5- 4	do	20.0
12-17	A. W. Hall	27.0	5-26	do	15.5
1- 8	A. E. Johnston	25.5	6-16	do	15.8
1-21	A. W. Hall	27.2	8-22	A. E. Johnston	14.3
2-11	do	25.4	9-12	do	19.8
3- 5	do	27.8	9-22	M. C. Boyer	22.5
PAPILLION CREEK, LITTLE, (COLE)					
Omaha—Sec. 25-15-12 E.					
10-19	H. H. Odell	2.1	5-12	H. H. Odell	3.7
11-18	L. F. Hanks	2.0	6-11	do	17.8
1-12	H. P. Eisenhuth	2.4	7-14	Odell-Ham	1.9
2- 6	do	2.4	8- 8	C. B. Ham	1.5
3-12	L. R. Sawyer	5.7	9-21	do	1.2
4-11	H. P. Eisenhuth	3.6			
PAWNEE CREEK					
Sec. 4-12-27 W.					
10- 1	A. E. Johnston	5.0	3- 9	A. W. Hall	11.0
10-11	do	6.4	4-10	do	18.0
11-16	do	3.3	5-10	do	28.1
12-21	A. W. Hall	3.4	5-29	do	14.2
1- 4	A. E. Johnston	7.4	6-19	do	2.0
1-23	A. W. Hall	3.1	7- 2	do	1.7
2-25	do	5.5	9-10	A. E. Johnston	0.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PAWNEE CREEK					
Sec. 12-13-28 W.					
7-20	A. W. Hall	5.6			
PAXTON-HERSHEY WASTE					
Sec. 14-14-32 W.					
10-3	A. E. Johnston	15.5	10-11	A. E. Johnston	22.9
PEBBLE CREEK					
Near Hooper—Sec. 5-19-7 E.					
8-23	C. B. Ham	33.4			
PENDER DRAIN					
Near Pender—Sec. 36-25-6 E.					
9-19	C. B. Ham	35.3			
PEPPER CREEK					
Dunlap-Chadron Highway—Sec. 27-30-48 W.					
11-8	A. E. Johnston	0.1	6-12	A. E. Johnston	0.1
5-23	do	0.1	6-26	do	0.0
PINE CREEK					
Colclessor Mill—Sec. 33-40-44 W.					
11-1	A. E. Johnston	41.3	5-19	A. E. Johnston	20.5
12-6	do	20.6	6-22	do	13.7
1-15	do	23.3	7-11	do	9.9
3-16	do	30.6	9-2	do	14.7
1-8	do	23.4			
PLUM CREEK					
U. P. R. R. Bridge—Sec. 10-19-49 W.					
10-18	F. E. LeFever	2.7	2-20	A. E. Johnston	2.3
11-2	do	2.2	3-7	do	2.1
11-16	do	2.1	3-27	M. C. Boyer	2.1
11-21	A. E. Johnston	2.0	5-25	A. W. Hall	0.3
12-7	F. E. LeFever	1.8	6-15	do	1.4
1-11	A. E. Johnston	2.7	7-9	do	0.4
1-21	do	2.6	9-19	M. C. Boyer	1.0
2-10	M. C. Boyer	2.0			
PLUM CREEK					
Near Lewellen—Sec. 14-16-42 W.					
4-7	A. W. Hall	0.3			
PLUM CREEK					
Sec. 11-8-21 W.					
3-10	A. W. Hall	1.2	4-11	A. W. Hall	0.0
3-20	do	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PRAIRIE DOG CREEK Sec. 17-33-55 W.					
3-10	A. E. Johnston	0.2	6-18	A. E. Johnston	0.0
4-17	do	0.0	8-29	do	0.0
5-11	do	0.0			
PUMPKINSEED CREEK Below Logan Canal—Sec. 7-19-55 W.					
2-21	A. E. Johnston	5.2	3-25	A. E. Johnston	6.8
PUMPKINSEED CREEK Gering-Kimball Highway—Sec. 4-19-55 W.					
10-18	A. E. Johnston	3.4	4-24	A. E. Johnston	3.5
11-22	do	7.2	5-28	do	1.2
1-22	do	7.0	7-22	do	0.2
2-21	do	8.2	9-15	do	0.2
3-25	do	7.9			
PUMPKINSEED CREEK Below Mutual Canal—Sec. 27-19-52 W.					
10- 2	A. W. Hall	7.5			
PUMPKINSEED CREEK Mouth—Sec. 12-19-50 W.					
10- 2	A. W. Hall	43.7	3-28	M. C. Boyer	46.6
10-17	A. E. Johnston	45.0	4-22	A. E. Johnston	35.4
11- 1	F. F. LeFever	38.2	5- 2	M. C. Boyer	17.7
11-16	do	25.2	5- 7	A. E. Johnston	11.0
11-21	A. E. Johnston	35.7	5-19	M. C. Boyer	7.2
12- 7	F. F. LeFever	34.8	5-25	do	7.0
12-26	M. C. Boyer	21.8	6-10	A. E. Johnston	47.0
1-11	A. E. Johnston	49.3	8- 4	do	8.4
1-21	do	51.3	8- 7	do	0.3
2- 4	do	46.8	8-26	do	1.1
2-19	do	37.1	9-14	do	19.5
3- 7	do	56.0	9-19	M. C. Boyer	14.8
3-21	do	44.6			
PUMPKINSEED CREEK Below Last Chance Canal—Sec. 23-19-50 W.					
10- 2	A. W. Hall	3.3			
RED WILLOW CREEK Above Alliance Diversion—Sec. 6-20-51 W.					
7- 8	A. W. Hall	28.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

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

Above Wild Horse Drain—Sec. 6-20-51 W.

12-24 M. C. Boyer

34.1

RED WILLOW CREEK

Below Wild Horse Drain—Sec. 7-20-51 W.

10- 4	F. F. LeFever	73.2	5-14	M. C. Boyer	23.0
10-17	do	95.3	5-28	do	31.7
10-31	do	68.6	6- 8	do	73.7
12- 5	do	66.1	7- 8	do	68.4
12-21	M. C. Boyer	67.4	7-25	do	59.7
2- 1	A. E. Johnston	50.6	8- 7	do	42.7
2-19	do	55.4	8-24	do	75.5
3- 7	M. C. Boyer	49.0	9-10	do	49.9
3-27	do	44.8	9-24	do	43.0
4-28	do	38.9			

RED WILLOW CREEK

Red Willow—Sec. 17-3-28 W.

10-24	A. E. Johnston	13.0	5- 2	A. E. Johnston	32.5
11-29	do	26.3	6- 5	do	43.2
1-27	do	9.4	6-30	do	10.7
2-29	do	15.9	7-28	do	3.4
4- 1	do	23.9	9-23	do	5.6

REPUBLICAN RIVER

Colorado-Nebraska Line—Sec. 10-1-42 W.

10-26	A. E. Johnston	31.5	5- 5	A. E. Johnston	26.6
11-29	do	74.6	6- 8	do	38.0
1- 3	H. P. Eisenhuth	38.8	7- 1	do	5.1
1-29	A. E. Johnston	63.3	7-30	do	24.0
3- 2	do	74.0	9-25	do	21.0
4- 2	do	62.1			

REPUBLICAN RIVER, NORTH BRANCH

Benkleman—Sec. 19-1-37 W.

10-26	A. E. Johnston	73.1	5- 4	A. E. Johnston	88.1
11-30	do	76.7	6- 8	do	297.4
1-28	do	103.3	6-30	do	24.9
3- 3	do	195.1	7-29	do	14.5
4- 3	do	124.0	9-25	do	22.6

REPUBLICAN RIVER, SOUTH BRANCH

Benkleman—Sec. 31-1-37 W.

10-26	A. E. Johnston	26.7	5- 4	A. E. Johnston	11.1
11-30	do	57.5	6- 8	do	38.4
1-28	do	52.4	6-30	do	5.1
3- 3	do	91.1	7-29	do	0.9
4- 3	do	15.0	9-25	do	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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REPUBLICAN RIVER

Max—Sec. 32-2-36 W.

10-26	A. E. Johnston	103.9	5- 4	A. E. Johnston	107.6
11-30	do	168.2	5- 7	H. H. Odell	99.5
11-30	L. F. Hanks	143.0	6- 6	A. E. Johnston	624.0
1- 4	H. P. Eisenhuth	138.0	6-30	do	33.4
1-28	A. E. Johnston	124.8	7-29	do	1.0
3- 3	A. E. Johnston	272.3	8-11	L. R. Sawyer	11.7
3- 4	L. R. Sawyer	215.0	9- 8	C. B. Ham	5.9
4- 3	A. E. Johnston	150.0	9-21	A. E. Johnston	16.9
4- 6	H. P. Eisenhuth	155.0			

REPUBLICAN RIVER

Culbertson—Secs. 17 and 20-3-31 W.

10-23	A. E. Johnston	105.0	6- 5	A. E. Johnston	506.0
11-29	do	246.0	6-22	A. W. Hall	86.0
11-29	L. F. Hanks	200.0	6-29	A. E. Johnston	33.7
1- 6	H. P. Eisenhuth	96.0	7- 9	Odell-Ham	2.0
1-27	A. E. Johnston	81.0	7- 9	do	0.0
3- 3	do	417.0	7-29	A. E. Johnston	0.0
3-31	do	191.0	9- 9	C. B. Ham	0.0
4- 6	H. P. Eisenhuth	279.0	9-22	A. E. Johnston	0.0
5- 2	A. E. Johnston	137.0			

REPUBLICAN RIVER

McCook—Sec. 32-3-29 W.

10-25	A. E. Johnston	173.3	6- 5	A. E. Johnston	814.0
11-29	do	409.5	6- 6	do	2543.0
1-27	do	310.0	6-29	do	32.9
3- 3	do	772.9	7-28	do	0.0
4- 1	do	373.0	9-22	do	0.0
5- 2	do	201.5			

REPUBLICAN RIVER

Bloomington—Sec. 8-1-15 W.

10-17	H. H. Odell	278.0	5- 8	H. H. Odell	11048.0
10-25	A. E. Johnston	321.4	6-22	do	341.0
11-29	L. F. Hanks	494.0	7-10	Ham-Odell	76.0
1- 7	H. P. Eisenhuth	280.0	7-27	A. E. Johnston	17.6
1-29	do	333.0	8-21	C. B. Ham	23.6
2-20	L. C. Crawford	137.0	9-23	A. E. Johnston	37.2
3- 3	L. R. Sawyer	1110.0	9-29	C. B. Ham	29.3
4- 7	H. P. Eisenhuth	632.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
REPUBLICAN RIVER					
Hardy—Sec. 6-1-5 W.					
10-17	H. H. Odell	422.0	5- 9	H. H. Odell	9610.0
11- 9	L. C. Crawford	397.0	5-26	L. C. Crawford	2030.0
11-29	J. F. Hanks	538.0	6- 2	do	2990.0
12- 7	L. C. Crawford	545.0	6-20	H. H. Odell	537.0
1- 8	Eisenhuth-Crawford	267.0	6-23	L. C. Crawford	424.0
1-20	L. C. Crawford	217.0	7- 3	do	288.0
1-30	H. P. Eisenhuth	340.0	7-10	Ham-Odell	143.0
2-18	L. C. Crawford	158.0	7-22	L. C. Crawford	21.4
3- 7	do	1190.0	8-19	do	24.3
3-14	L. R. Sawyer	606.0	8-24	C. B. Ham	17.9
4- 8	Eisenhuth-Crawford	665.0	9-18	L. C. Crawford	106.0
4-22	L. C. Crawford	455.0	9-28	C. B. Ham	188.0
REPUBLICAN RIVER					
Below Meeker Canal—Sec. 15-3-31 W.					
6-29	Johnston-Gerlach	18.3			
ROCK CREEK					
Parks—Sec. 21-1-39 W.					
10-26	A. E. Johnston	13.9	5- 5	A. E. Johnston	20.4
11-29	do	17.3	6- 8	do	20.3
1-20	do	19.6	7- 1	do	13.8
3- 2	do	18.2	7-30	do	14.9
4- 2	do	16.2	9-25	do	14.7
ROPE CREEK					
Sec. 25-2-19 W.					
10-24	A. E. Johnston	0.3			
SAND CREEK					
East of Franklin—Sec. 33-2-14 W.					
10-21	A. E. Johnston	0.3			
SAND CREEK					
Below Bendix Canal—Sec. 35-33-53 W.					
3-12	A. E. Johnston	1.9	5-16	A. E. Johnston	0.0
4-16	do	0.0	6-16	do	0.0
SAND CREEK					
Sec. 10-15-40 W.					
10- 4	A. E. Johnston	4.2	3-17	A. W. Hall	3.1
10-15	do	5.1	4- 8	do	3.3
11-19	do	4.9	5- 4	do	3.4
12-17	A. W. Hall	4.5	5-26	do	2.4
1- 8	A. E. Johnston	4.8	6-16	do	1.8
1-21	A. W. Hall	3.2	8-22	A. E. Johnston	3.3
3- 5	do	6.2	9-12	do	3.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SARBEN SLOUGH					
Sec. 20-14-35 W.					
11- 1	A. E. Johnston	0.5	3- 6	A. W. Hall	3.4
11-18	do	2.8	4-15	do	1.9
12-18	A. W. Hall	1.1	5- 5	do	0.9
1- 7	A. E. Johnston	1.7	6-17	do	0.8
1-21	A. W. Hall	1.6	8- 8	do	0.5
2-12	do	0.9	9-11	A. E. Johnston	1.2
2-26	do	1.2			
SCHLAGEL CREEK					
Sec. 24-33-28 W.					
11- 6	A. E. Johnston	16.6	5-20	A. E. Johnston	18.1
12- 5	do	19.1	6-21	do	8.7
1-17	do	15.1	7- 8	do	8.8
3-18	do	14.8	9- 4	do	9.0
4-10	do	22.2			
SCOTTSBLUFF DRAIN NO. 1					
Sec. 25-22-55 W.					
10- 3	F. F. LeFever	11.7	5-11	M. C. Boyer	11.5
10-16	do	11.9	5-28	do	11.6
10-30	do	10.5	6-12	do	5.7
11-13	do	12.4	7- 3	M. C. Boyer	8.4
12- 4	do	8.6	7-11	do	13.8
12-23	M. C. Boyer	7.3	8- 6	do	3.7
2-20	do	4.6	8-20	do	21.6
3-25	do	3.0	9- 4	do	21.8
5- 1	do	26.6	9-18	do	22.7
5- 4	do	14.4			
SCOTTSBLUFF DRAIN NO. 2					
Sec. 34-22-54 W.					
10- 1	F. F. LeFever	8.0	5- 1	M. C. Boyer	2.6
10-16	do	5.8	5-28	do	6.7
10-30	do	3.8	6-12	do	7.4
11-13	do	3.3	7- 6	do	3.0
12- 4	do	2.8	8- 6	do	8.5
1-14	M. C. Boyer	3.0	8-20	do	7.7
2-20	do	2.0	9- 5	do	5.4
3-25	do	2.0	9-18	do	9.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SCOUT CREEK					
North Platte—Sec. 20-14-30 W.					
10- 2	A. E. Johnston	8.2	3- 7	A. W. Hall	0.4
10-12	do	0.4	3-19	do	0.1
11-18	do	0.3	4- 9	do	0.2
12-18	A. W. Hall	0.3	5- 6	do	4.0
1- 6	A. E. Johnston	0.2	5-28	do	0.6
1-22	A. W. Hall	1.9	6-18	do	3.8
2-12	do	1.5	7- 3	do	0.2
2-26	do	0.3	9-11	A. E. Johnston	0.7
SEARS CREEK					
Valentine—Sec. 21-34-26 W.					
11- 7	A. E. Johnston	3.0	5-22	A. E. Johnston	1.5
12- 5	do	2.0	6-25	do	2.4
1-18	do	1.9	7- 8	do	1.5
3-19	do	2.2	9- 5	do	1.9
4-11	do	1.8			
SHEEP CREEK					
Sec. 16-23-57 W.					
10- 2	F. F. LeFever	2.5	5- 8	M. C. Boyer	4.9
10-15	do	67.8	5-21	do	1.4
11-12	do	61.6	6-11	do	50.5
12- 3	do	57.0	7- 3	do	1.6
1-13	M. C. Boyer	50.6	7-16	do	1.5
2-21	do	50.1	8- 1	do	1.3
3-11	do	52.3	8-18	do	2.1
3-25	do	50.3	9- 3	do	3.4
4- 9	do	65.8	9-17	do	1.9
4-23	do	49.7			
SILVERNAIL DRAIN					
Sec. 6-19-49 W.					
10-18	F. F. LeFever	6.5	2-10	M. C. Boyer	3.1
11- 2	do	5.8	2-20	A. E. Johnston	5.2
11-16	do	5.3	3- 7	do	3.8
11-21	A. E. Johnston	7.2	3-27	M. C. Boyer	4.4
12- 7	F. F. LeFever	5.1	5-25	A. W. Hall	3.5
12-26	M. C. Boyer	5.2	6-15	do	11.1
1-11	A. E. Johnston	6.0	7- 9	do	5.1
1-21	do	4.4	9-19	M. C. Boyer	6.1
SKUNK CREEK					
Sec. 1-14-37 W.					
11-19	A. E. Johnston	1.4	5- 5	A. W. Hall	0.7
1- 7	do	2.6	6-17	do	1.6
2-26	A. W. Hall	6.0	9-11	A. E. Johnston	2.5
3- 6	do	1.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SNAKE CREEK					
Bridgeport-Alliance Highway—Sec. 8-24-48 W.					
12- 3	A. E. Johnston	0.0	4- 7	A. E. Johnston	0.0
1-13	do	0.0	5-12	do	0.0
2-10	do	0.0	8-27	do	0.0
SNAKE RIVER					
Five Miles Above Falls—Sec. 9-31-30 W.					
11- 6	A. E. Johnston	296.0	5-20	A. E. Johnston	278.1
12- 5	do	294.4	6-24	do	266.0
1-17	do	259.0	7- 9	do	219.7
3-18	do	308.0	9- 4	do	245.0
4-10	do	361.4			
SOLDIER CREEK					
Below Soldier Creek Canal—Sec. 18-31-52 W.					
11- 1	A. E. Johnston	3.4	4-18	A. E. Johnston	0.3
12- 3	do	0.0	5-16	do	0.1
1-13	do	0.0	6-16	do	1.1
2-11	do	2.9	7-11	do	0.0
3-12	do	0.9	8- 3	do	0.1
SOW BELLY CREEK					
Sec. 5-32-55 W.					
10-31	A. E. Johnston	3.0	6-18	A. E. Johnston	0.8
3-10	do	2.4	7-15	do	0.4
4-17	Johnston-Rasmussen	3.1	8-29	do	0.3
5-14	A. E. Johnston	0.7			
SOW BELLY CREEK					
Sec. 16-33-55 W.					
3-10	A. E. Johnston	1.1	6-18	A. E. Johnston	0.0
4-17	Johnston-Rasmussen	0.4	7-15	do	0.0
5-14	A. E. Johnston	0.1	8-29	do	0.0
SPOTTED TAIL, DRY					
Sec. 28-23-56 W.					
10- 2	F. F. LeFever	19.8	5- 8	M. C. Boyer	20.3
10-15	do	27.7	5-22	do	16.4
10-30	do	26.7	6-11	do	35.4
11-13	do	29.3	7- 3	do	30.0
12- 4	do	24.1	7-14	do	31.5
12-22	M. C. Boyer	21.1	7-31	do	19.3
1-14	do	19.7	8-19	do	15.8
2-20	do	16.0	9- 4	do	22.8
3-24	do	18.1	9-17	do	24.1
4-23	do	13.2	9-30	do	10.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SPOTTED TAIL, WET Sec. 6-22-55 W.					
10- 3	F. F. LeFever	13.8	5-22	M. C. Boyer	20.2
10-15	do	12.3	6-12	do	15.9
10-30	do	11.5	7- 3	do	10.7
11-13	do	11.9	7-14	do	12.9
12- 4	do	12.7	8- 5	do	12.7
12-22	M. C. Boyer	12.5	8-19	do	10.8
2-20	do	11.4	9- 4	do	13.2
3-25	do	14.0	9-17	do	14.1
1-23	do	11.7	9-30	do	13.9
5- 8	do	15.2			
SPRING CREEK Wyoming-Nebraska Line—Sec. 4-23-58 W.					
10-15	F. F. LeFever	9.7	5-21	M. C. Boyer	6.2
11-12	do	9.6	6-11	do	9.6
12- 3	do	9.6	7- 2	do	3.0
1-13	M. C. Boyer	7.6	7-16	do	4.0
2-22	do	11.5	8- 1	do	3.0
3-24	do	9.1	8-18	do	3.0
4-23	do	8.2	9- 3	do	4.0
5- 7	do	8.3	9-17	do	3.9
SPRING CREEK Tributary to Little Cottonwood Creek—Sec. 13-32-52 W.					
3-12	A. E. Johnston	1.5	6-15	A. E. Johnston	0.9
4-16	do	0.3	7-15	do	0.1
5-16	do	1.9	9- 1	do	0.1
SQUAW CREEK Above Shepherd Canal—Sec. 36-34-57 W.					
10-31	A. E. Johnston	0.4	3-10	A. E. Johnston	0.5
SQUAW CREEK Below Shepherd Canal—Sec. 36-34-57 W.					
4-17	Johnston-Rasmussen	0.0	7-15	A. E. Johnston	0.0
5-14	A. E. Johnston	0.0	8-29	do	0.0
6-18	do	0.0			
SQUAW CREEK Above McDowell's Reservoir—Sec. 12-31-52 W.					
12- 3	A. E. Johnston	0.0	5-15	A. E. Johnston	0.3
1-13	do	0.6	6-16	do	0.1
2-10	do	0.0	7-14	do	0.0
3- 9	do	0.6	8-31	do	0.0
4-16	do	0.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SQUAW CREEK					
Below McDowell's Reservoir—Sec. 1-31-52 W.					
12- 3	A. E. Johnston	0.2	5-15	A. E. Johnston	0.6
1-13	do	0.7	6-16	do	0.1
2-10	do	0.0	7-14	do	0.1
3- 9	do	0.1	8-31	do	0.0
4-16	do	0.1			
STINKING WATER CREEK					
Pallsade—Sec. 25-5-34 W.					
10-23	A. E. Johnston	28.4	5- 1	A. E. Johnston	49.1
11-27	do	37.5	6- 4	do	51.4
1-25	do	27.4	6-29	do	18.5
2-28	do	58.5	7-24	do	11.2
3-31	do	53.6	9-22	do	16.2
STREVER CREEK					
South of Overton—Sec. 1-8-20 W.					
10-10	A. E. Johnston	19.3	5-10	A. W. Hall	72.6
11-15	do	9.6	5-30	do	38.7
1- 3	do	7.6	6-20	do	18.5
2-25	A. W. Hall	9.8	6-30	do	4.5
3- 9	do	12.0	7-28	do	29.4
3-20	do	8.2	7-29	do	39.0
4-11	do	10.4	7-30	R. F. Nosky	37.0
4-23	do	8.9	8- 3	Hall-Nosky	45.8
5- 7	do	9.6	9- 9	A. E. Johnston	0.0
STREVER CREEK					
Below Junction with Dawson County Drain—Sec. 14-9-21 W.					
7-27	A. W. Hall	34.7	8- 5	Hall-Nosky	48.0
7-28	do	40.0			
STREVER CREEK					
West Line of Sec. 18-9-20 W.					
7-17	A. W. Hall	0.8			
TAYLOR CREEK					
Near Madison—Sec. 6-21-1 W.					
9-19	C. B. Ham	11.7			
THIRTY MILE WASTE NO. 1					
Sec. 8-10-24 W.					
10- 1	A. E. Johnston	0.0	5- 9	A. W. Hall	11.5
10-11	do	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
THIRTY MILE WASTE NO. 2					
Sec. 8-10-24 W.					
10-1	A. E. Johnston	0.0	5-9	A. W. Hall	1.8
10-11	do	0.0			
THIRTY MILE WASTE NO. 3					
Sec. 35-11-25 W.					
5-9	A. W. Hall	11.3	7-22	A. W. Hall	23.5
7-22	do	11.3	7-23	do	33.5
THOMPSON CREEK, BIG					
Riverton—Sec. 35-2-13 W.					
10-21	A. E. Johnston	17.1			
TIMBER CREEK					
Belgrade—Sec. 25-17-7 W.					
10-22	H. H. Odell	2.2	5-14	H. H. Odell	3.7
11-23	L. F. Hanks	3.1	6-12	do	1.9
1-17	H. P. Eisenhuth	2.5	7-21	C. B. Ham	0.1
3-16	L. R. Sawyer	7.2	8-11	do	0.3
4-15	H. P. Eisenhuth	3.6	9-17	do	0.6
TOOHEY DRAIN					
Sec. 20-20-56 W.					
5-22	M. C. Boyer	1.4	7-3	M. C. Boyer	1.5
6-11	do	2.4			
TOOHEY SPILLWAY					
Sec. 19-23-56 W.					
10-30	F. F. LeFever	15.4	2-20	M. C. Boyer	0.0
11-6	do	2.0	3-24	do	8.2
11-11	do	2.0	4-23	do	9.4
11-23	do	2.0	4-30	do	0.2
12-3	do	1.8	5-8	do	0.0
12-22	M. C. Boyer	0.0	5-22	do	0.0
12-23	do	1.0	6-11	do	0.0
1-14	do	0.0	7-3	do	0.0
TRUNK BUTTE CREEK					
Sec. 25-33-50 W.					
11-2	A. E. Johnston	0.0	5-18	A. E. Johnston	0.2
12-4	do	0.0	6-15	do	0.1
1-14	do	0.0	7-13	do	0.0
3-13	do	0.7	9-1	do	0.0
4-15	do	0.7			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
TUB SPRINGS					
Sec 8-22-55 W.					
10- 3	F. F. LeFever	69.2	5- 22	M. C. Boyer	5.3
10-16	do	86.1	6-12	do	45.5
11-13	do	39.2	7- 3	do	6.8
12- 4	do	35.6	7-14	do	6.9
12-22	M. C. Boyer	31.6	8- 5	do	5.9
1-14	do	27.2	8-19	do	5.1
2-20	do	23.4	9- 4	do	6.2
3-25	do	24.6	9-17	do	25.2
4-24	do	55.3	9-30	do	55.2
5- 8	do	24.6			
TUCKER CREEK					
Above Tucker Canal—Sec. 34-31-54 W.					
6-16	A. E. Johnston	0.5			
TURKEY CREEK					
Oxford—Sec. 31-4-21 W.					
10-21	A. E. Johnston	2.6	9-23	A. E. Johnston	0.6
TURKEY CREEK					
Naponee—Sec. 4-1-16 W.					
10-21	A. E. Johnston	11.4	9-23	A. E. Johnston	5.5
7-25	do	4.1			
VINING CREEK					
Sec. 33-2-15 W.					
10-24	A. E. Johnston	0.01	9-23	A. E. Johnston	0.03
7-28	do	0.00			
WAHOO CREEK					
Ashland—Sec. 35-13-9 E.					
10-19	H. H. Odell	20.5	5-12	H. H. Odell	29.6
11-18	L. F. Hanks	16.8	6-10	do	659.0
1-11	H. P. Eisenhuth	21.0	7-13	do	11.0
2- 6	do	12.9	8-10	C. B. Ham	10.2
3-12	L. R. Sawyer	52.5	9-12	do	15.4
1-11	H. P. Eisenhuth	21.3			
WALNUT CREEK					
Nebraska City—Sec. 36-9-14 E.					
9-13	C. B. Ham	1.6			
WARBONNET CREEK					
Above Warbonnet Canal—Sec. 20-33-56 W.					
10-31	A. E. Johnston	2.0	3-10	A. E. Johnston	2.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WARBONNET CREEK					
Below Warbonnet Canal—Sec. 20-33-56 W.					
4-17	Johnston-Rasmussen	1.2	7-15	A. E. Johnston	0.7
5-11	A. E. Johnston	0.7	8-29	do	0.6
6-18	do	1.7			
WEEPING WATER CREEK					
Near Union—Sec. 26-10-13 E.					
9-12	C. B. Ham	0.6			
WHISTLE CHEEK					
Mouth—Sec. 12-28-54 W.					
10-30	A. E. Johnston	0.0	6-19	A. E. Johnston	0.0
3-11	do	0.3	7-16	do	0.0
4-21	do	0.2	8-28	do	0.0
5-15	do	0.1			
WHITE CLAY CREEK					
Crawford—Sec. 2-31-52 W.					
11- 1	A. E. Johnston	2.0	4-16	A. E. Johnston	3.0
12- 3	do	2.5	5-15	do	3.1
1-13	do	2.4	6-16	do	1.5
2-10	do	3.4	7-14	do	1.3
3- 9	do	3.4	8-31	do	0.7
WHITE CLAY CREEK					
Above Junction With Larabee Creek—Sec. 6-34-44 W.					
11- 1	A. E. Johnston	2.5	4- 8	A. E. Johnston	4.1
12- 7	do	3.2	5-19	do	4.8
1-15	do	3.6	6-22	do	2.7
2-13	do	2.9	7-11	do	1.7
3-16	do	4.5	9- 2	do	1.0
WHITE HORSE CREEK					
Gannett—Sec. 5-13-29 W.					
10-2	A. E. Johnston	5.3	3- 9	A. W. Hall	27.5
10-12	do	6.7	4-10	do	39.8
11-16	do	5.3	5-11	do	71.4
13-21	A. W. Hall	4.9	5-29	do	10.8
1- 1	A. E. Johnston	14.3	6-19	do	3.6
1-23	A. W. Hall	5.8	7- 2	do	1.3
2-25	do	7.5	9-10	A. E. Johnston	1.4
WHITE RIVER					
Crawford—Sec. 9-31-52 W.					
11- 1	A. E. Johnston	18.8	4-18	A. E. Johnston	23.8
12- 3	do	19.1	5-16	do	24.3
1-13	do	26.0	6-16	do	18.2
2-11	do	25.8	7-14	do	11.6
3-12	do	27.8	8-31	do	9.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE RIVER					
Above Whitney Diversion—Sec. 26-32-52 W.					
11- 1	A. E. Johnston	2.0	4-16	A. E. Johnston	13.5
12- 4	do	16.5	5-16	do	11.1
1-14	do	23.6	6-15	do	17.1
2-11	do	26.1	7-14	do	10.3
3-12	do	19.7	8-31	do	9.1
WHITE RIVER					
Sec. 19-32-51 W.					
11- 1	A. E. Johnston	0.7	1-14	A. E. Johnston	0.4
12- 4	do	16.3			
WHITE RIVER					
Six Miles West of Chadron—Sec. 18-33-49 W.					
11- 2	A. E. Johnston	2.7	4-15	A. E. Johnston	13.8
11- 8	do	8.1	5-16	do	7.1
12- 4	do	3.4	6-15	do	2.5
1-14	do	5.0	7-13	do	0.3
2-11	do	17.5	9- 1	do	2.1
3-13	do	21.9			
WHITE RIVER					
Sec. 17-34-48 W.					
7-13	A. E. Johnston	0.1	9- 1	A. E. Johnston	0.2
WHITE RIVER					
Sec. 24-32-52 W.					
2-11	A. E. Johnston	1.9	6-15	A. E. Johnston	0.9
3-12	do	0.6	7-13	do	3.7
4-16	do	0.6	7-14	do	3.9
5-16	do	0.2	8-31	do	1.4
WHITE TAIL CREEK					
Sec. 36-15-38 W.					
10-11	A. E. Johnston	20.4	3-18	A. W. Hall	27.9
11-19	do	32.3	4- 8	do	30.2
12-17	A. W. Hall	32.3	5- 5	do	21.6
1- 7	A. E. Johnston	33.6	5-27	do	26.8
1-21	A. W. Hall	27.2	6-17	do	21.7
2-26	do	30.7	8- 5	A. E. Johnston	10.2
3- 5	do	36.1	9-11	do	24.1
WHITMANS FORK					
Champion—Sec. 22-6-39 W.					
10-22	A. E. Johnston	0.6	4-30	A. E. Johnston	1.2
11-27	do	2.2	6- 3	do	1.1
1-25	do	1.0	6-28	do	1.3
2-28	do	1.7	7-25	do	0.1
3-30	do	1.8	9-21	do	0.6

DISCHARGE MEASUREMENTS OF STREAMS—Concluded
Year Ending September 30, 1936

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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WILLOW CREEK
 Sarben—Sec. 15-14-35 W.

11-18	A. E. Johnston	1.7	3-6	A. W. Hall	1.8
1-7	do	2.1	9-11	A. E. Johnston	0.8

WINTERS CREEK
 Scottsbluff—Sec. 19-22-54 W.

10-3	F. F. LeFever	33.4	4-21	M. C. Boyer	38.2
10-16	do	59.6	5-23	do	19.5
11-13	do	33.3	5-27	do	5.9
12-4	do	59.2	6-12	do	51.4
12-23	M. C. Boyer	51.6	6-30	do	42.9
1-14	do	47.5	7-25	do	30.4
2-20	do	46.4	8-5	do	65.2
3-7	do	45.3	8-20	do	57.1
3-25	do	43.4	9-4	do	98.2
4-9	do	35.7	9-18	do	64.6

WINTERS CREEK

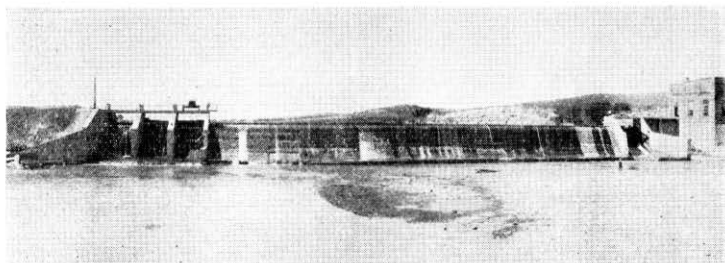
Above Winters Creek Canal—Sec. 18-22-54 W.

5-27	M. C. Boyer	41.4	6-30	M. C. Boyer	62.1
6-8	do	54.2			

WOOD RIVER

Kearney—Sec. 12-9-16 W.

3-10	A. W. Hall	11.4			
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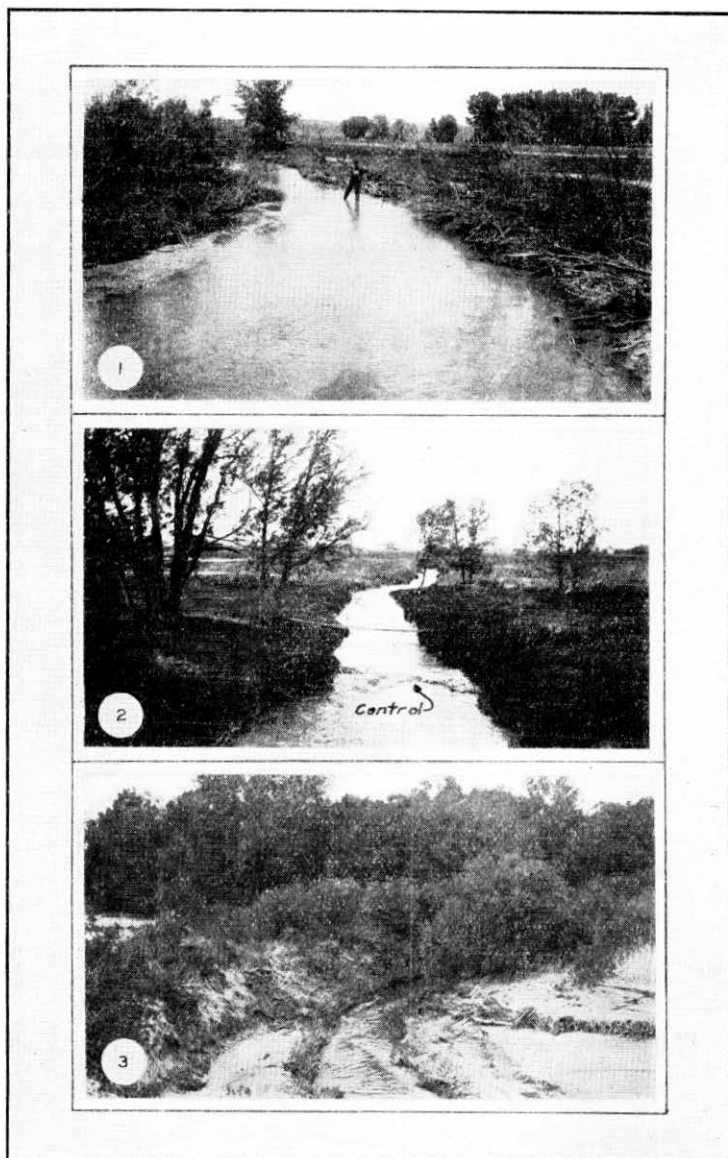
Spencer Dam and Power House on the Niobrara River
 This dam was "washed out" during flood in 1936.

SAND HILL LAKES
RECORDS SHOWING RISE AND FALL OF
WATER SURFACE
Year Ending September 30, 1936

Date	Hydrographer	Sea Level		Date	Hydrographer	Sea Level Elevations
		Elevations				
BEAN LAKE						
Sec. 27-21-45 W.						
10- 4	Earl Ladd	3829.7		10-24	Earl Ladd	3829.5
10-16	do	3829.6		11- 1	do	3829.5
BLUE LAKE						
Sec. 18-20-44 W.						
10- 4	Earl Ladd	3782.8		10-24	Earl Ladd	3782.8
10-16	do	3782.8		11- 1	do	3782.8
CRANE LAKE						
Sec. 10-20-44 W.						
10- 4	Earl Ladd	3787.0		10-24	Earl Ladd	3786.9
10-16	do	3787.0		11- 1	do	3787.0
CRESCENT LAKE						
Sec. 21-20-44 W.						
10- 4	Earl Ladd	3779.0		11- 1	Earl Ladd	3778.8
10-16	do	3778.8		11-25	A. E. Johnston	3779.5
10-24	do	3778.8		6- 5	A. W. Hall	3779.2
DEER LAKE						
10- 4	Earl Ladd	3800.5		10-24	Earl Ladd	3800.4
10-16	do	3800.5		11- 1	do	3800.4
ELI LAKE						
Sec. 12-34-36 W.						
3-17	A. E. Johnston	9.70		6-23	A. E. Johnston	9.40
4- 9	do	8.90		7-10	do	8.80
5-22	do	9.65				
Note: Gage heights are given for Eli Lake.						
GIMLET LAKE						
Sec. 32-21-44 W.						
10- 4	Earl Ladd	3806.8		10-24	Earl Ladd	3806.8
10-16	do	3806.8		11- 1	do	3806.8
GOOSE LAKE						
Sec. 19-21-44 W.						
10- 4	Earl Ladd	3823.3		10-24	Earl Ladd	3823.2
10-16	do	3823.2		11- 1	do	3823.1

SAND HILL LAKES—Concluded
Year Ending September 30, 1936

Date	Hydrographer	Sea Level Elevations	Date	Hydrographer	Sea Level Elevations
HACKBERRY LAKE					
Sec. 1-20-45 W.					
10- 4	Earl Ladd	3791.3	10-24	Earl Ladd	3791.3
10-16	do	3791.3	11- 1	do	3791.3
HARRISON LAKE					
10- 4	Earl Ladd	3813.2	10-24	Earl Ladd	3813.1
10-16	do	3813.1	11- 1	do	3813.1
ISLAND LAKE					
Sec. 4-20-44 W.					
10- 4	Earl Ladd	3891.2	10-24	Earl Ladd	3891.1
10-16	do	3891.1	11- 1	do	3891.1
JONES LAKE					
Sec. 10-20-45 W.					
10- 4	Earl Ladd	3797.8	10-24	Earl Ladd	3797.5
10-16	do	3797.7	11- 1	do	3797.5
MARTIN LAKE					
Sec. 24-21-45 W.					
10- 4	Earl Ladd	3842.0	10-24	Earl Ladd	3841.7
10-16	do	3841.8	11- 1	do	3841.7
ROUNDUP LAKE					
Sec. 33-21-44 W.					
10- 4	Earl Ladd	3801.3	10-24	Earl Ladd	3801.1
10-16	do	3801.2	11- 1	do	3801.1
RUSH LAKE					
Sec. 24-21-45 W.					
10- 4	Earl Ladd	3832.7	10-24	Earl Ladd	3832.6
10-16	do	3832.6	11- 1	do	3832.7
SMITH LAKE					
10- 4	Earl Ladd	3835.2	10-24	Earl Ladd	3835.0
10-16	do	3835.0	11- 1	do	3835.0
SWAN LAKE					
Secs. 9 and 10-20-45 W.					
10- 4	Earl Ladd	3801.3	10-24	Earl Ladd	3801.3
10-16	do	3801.3	11- 1	do	3801.3



Views of Nebraska Streams

1. Blue creek near Lewellen.
2. Gaging station on the Frenchman river west of Champion.
3. White river near Chadron. Looking downstream toward control.

DISCHARGE MEASUREMENTS OF CANALS
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ABERDEEN CANAL—D-50a, D-50b, A-117					
Diverted from Frenchman River—Sec. 3-5-38 W.					
Measurements Made at Headgate					
4-24	A. E. Johnston	4.0	2.05	0.95	8.2
6-30	A. W. Hall				0.0
7-15	do				0.0
9-14	do				0.0
AIREDALE CANAL NO. 1—A-698, A-1380					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made at 5.5 Foot Weir					
3-28	A. W. Hall			0.20	1.6
4-19	A. E. Johnston			0.30	3.0
7-23	do				0.0
8-12	do				0.0
9-19	do				0.0
AIREDALE CANAL NO. 2—A-699, A-1133					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
Measurements Made at Headgate					
3-28	A. W. Hall	4.4	0.97		4.2
4-19	A. E. Johnston	3.7	1.30		4.8
5- 6	do				0.0
7-23	do				0.0
8-12	do				0.0
9-19	do				0.0
AIREDALE CANAL NO. 3—A-1508					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
Measurements Made at Headgate					
3-18	A. E. Johnston				0.0
4-19	do				0.0
6- 6	do				0.0
8-12	do				0.0
9-19	do				0.0
ALFALFA CANAL—D-738					
Diverted from North Platte River—Sec. 1-15-42 W.					
Measurements Made at Rating Flume					
11-16	A. E. Johnston				0.0
3-30	do				0.0
4-23	A. W. Hall				0.0
5- 8	A. E. Johnston				0.0
5- 9	do	3.4	1.09	-0.10	3.6
6-24	do				0.0
7- 2	do				0.0
9- 6	A. W. Hall	27.5	1.14	1.30	31.6
9-25	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ALLEN-LARNED CANAL—D-117					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston	1.3	0.26		0.4
11-24	do	1.6	0.75		1.2
3-22	do				0.0
4-26	do	4.3	1.23		5.3
5-11	A. W. Hall	2.4	1.04		2.5
5-27	A. E. Johnston	3.9	0.87		3.4
8-22	do	2.6	0.96		2.5
ALLIANCE CANAL—D-874 (O. D. A-1776)					
Diverted from Bayard Sugar Factory Drain—Sec. 4-20-52 W.					
Measurements Made at Rating Flume					
10-4	F. F. LeFever	10.0	0.99	1.28	9.9
11-22	do	6.6	0.79	0.90	5.2
4-18	do				0.0
6-28	do	16.1	1.45	2.05	23.4
7-12	do	19.2	1.60	2.45	28.7
7-24	do	17.7	1.44	2.35	25.6
9-3	do	4.5	0.33	0.63	1.5
9-9	do	10.7	1.25	1.43	13.4
9-13	do	6.5	0.63	0.90	4.1
9-24	do	10.5	1.21	1.40	12.6
ALLIANCE CANAL—D-874 (O. D. A-1429)					
Diverted from Red Willow Creek—Sec. 6-20-51 W.					
Measurements Made at Rating Flume					
10-4	F. F. LeFever	18.9	1.04	1.56	19.6
10-31	do	29.7	0.88	2.49	19.7
11-22	do	21.3	1.11	1.82	23.7
2-22	do	15.7	1.06	1.47	16.6
3-8	do				0.0
3-20	do				0.0
4-4	do	12.6	0.59		4.9
4-18	do				0.0
6-28	do	24.6	0.87	1.92	21.3
7-12	do	24.9	0.97	2.05	24.0
7-27	A. E. Johnston	37.3	1.14	2.96	42.6
9-3	F. F. LeFever	28.8	1.39	2.37	40.0
9-9	do	27.7	1.66	2.25	45.9
9-13	do	29.1	1.24	2.37	36.2
9-24	do	30.9	1.71	2.51	52.5
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
Measurements Made at Headgate					
6-5	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ATKINS-POLLY CANAL—D-342, D-344					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10-26	A. E. Johnston	1.2	0.58	0.20	0.7
11-27	do				0.0
3-19	do				0.0
6-6	do				0.0
7-13	Hall-Hanna	2.5	0.74	0.31	1.8
7-23	A. E. Johnston	2.2	0.50	0.40	1.1
8-28	Johnston-Hanna	1.5	0.43	0.30	0.6
9-20	do	3.2	0.47	0.83	1.5
BARBER CANAL—D-754, A-1111					
Diverted from Clear Creek—Sec. 29-16-41 W.					
Measurements Made at Rating Flume					
11-16	A. E. Johnston	5.2	1.54	1.30	8.0
3-30	do	3.6	2.39	0.85	8.6
5-8	do				0.0
6-25	do				0.0
7-2	do	4.0	2.07	0.95	8.3
7-23	A. W. Hall	3.6	1.91	1.00	6.6
9-6	do	4.5	1.31	1.06	5.9
9-25	A. E. Johnston	5.0	1.00	0.60	5.0
BARRETT CANAL—D-334					
Diverted from Lodgepole Creek—Sec. 32-14-46 W.					
Measurements Made at Headgate					
4-22	A. E. Johnston	0.4	0.89		0.3
5-1	do				0.0
7-25	do				0.0
8-24	do				0.0
9-21	do	1.5	0.39		0.6
BARRON CANAL, WEST—D-438-R					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made near Headgate					
10-31	A. E. Johnston				0.0
3-15	do				0.0
5-11	do	2.0	1.58		3.2
6-14	do				0.0
7-9	do				0.0
8-2	Johnston-Rasmussen				0.0
9-7	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BARRON CANAL EXTENSION—A-1953					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Storing in Norman Reservoir					
Measurements Made Near Headgate					
3-15	A. E. Johnston	2.4	1.63		3.9
BARRON CANAL, EAST—A-2024					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made Near Headgate					
10-31	A. E. Johnston				0.0
4-17	do				0.0
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 7	A. E. Johnston	0.5	1.60		0.8
BEERLINE CANAL—D-887					
Diverted from North Platte River—Sec. 24-19-49 W.					
Measurements Made at Rating Flume					
11-17	A. E. Johnston				0.0
5-22	F. F. LeFever	15.5	0.72	1.52	11.0
6-21	A. E. Johnston				0.0
7-13	F. F. LeFever	11.1	0.93	1.30	9.1
9- 5	A. W. Hall	5.1	0.80	1.25	4.1
BEISER CANAL—A-1056					
Diverted from Niobrara River—Sec. 4-29-56 W.					
Measurements Made at Headgate					
7- 8	A. E. Johnston				0.0
BELMONT CANAL—D-828, D-858, A-866					
Diverted from North Platte River—Sec. 18-20-51 W.					
Measurements Made at Rating Flume					
10- 1	A. W. Hall	57.9	1.13	0.46	65.3
2-11	F. F. LeFever	8.8	1.01	0.09	8.9
4- 4	do	21.5	1.25	0.20	26.8
6-14	do	22.2	1.45	0.26	32.2
7-12	do	35.9	3.01	0.62	108.3
7-25	do	27.5	1.42	0.30	39.2
8-22	do	36.0	2.64	0.58	95.3
8-29	do	38.1	2.51	0.65	95.6
9- 3	do	53.2	2.59	0.93	138.0
9-13	do	38.9	2.86	0.65	110.9
9-24	do	35.8	2.99	0.60	103.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BELMONT FEEDER—A-1397					
Diverted from Cedar Creek—Sec. 23-18-48 W.					
Measurements Made About 200 Feet above Junction					
10-11	A. E. Johnston	9.9	1.34	1.75	13.3
4- 5	F. F. LeFever	8.4	1.18		9.9
5-10	A. E. Johnston	8.2	1.56	1.05	12.8
8-26	F. F. LeFever	7.6	1.32		10.1
9- 4	do	11.7	1.01		11.8
9-17	do	8.7	1.22		10.6
9-24	A. E. Johnston	10.0	0.96	1.44	9.6
BENDIX CANAL—A-189, A-1669					
Diverted from Sand Creek—Sec. 35-33-53 W.					
Measurements Made at Headgate					
7- 9	A. E. Johnston				0.0
BENNETT RESERVOIR CANAL—A-691, A-1975					
Diverted from Lodgepole Creek and Bennett Reservoir, A-657 and A-1974,—Sec. 22-15-55 W.					
Measurements Made at Headgate					
10-26	A. E. Johnston				0.0
4-20	do				0.0
5- 7	A. W. Hall				0.0
6- 5	A. E. Johnston				0.0
7-23	do	7.1	0.52		3.7
9-27	do			0.90	0.0
9-20	do				0.0
BENNETT CANAL—A-1249					
Diverted from Niobrara River—Sec. 1-28-54 W.					
Measurements Made at Headgate					
7- 5	A. E. Johnston				0.0
9- 5	do				0.0
BICKEL CANAL—D-347, A-719, A-724					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10-26	A. E. Johnston	2.0	1.34	0.45	1.5
11-27	do				0.0
3-19	do				0.0
4-20	do				0.0
6- 6	do				0.0
7-13	Hall-Hanna	1.5	0.90	0.42	1.4
7-23	A. E. Johnston	1.8	0.83	0.45	1.1
8-28	Johnston-Hanna	1.3	0.99	0.36	1.3
9-20	do	1.3	1.43	0.51	1.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft
BIGELOW-SEYMOUR CANAL—D-510					
Diverted from Niobrara River—Sec. 19-31-57 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-16	do				0.0
6-18	do				0.0
7- 8	do				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0
BIRD CAGE-QUINN CANAL—D-892, A-1561					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
Measurements Made at Headgate					
3-28	A. W. Hall				0.0
7-20	A. E. Johnston				0.0
8- 6	do				0.0
8-12	do	0.2	0.22		0.1
9-19	do				0.0
BIRDWOOD CANAL—D-646					
Diverted from Birdwood Creek—Sec. 35-15-33 W.					
Measurements Made at Rating Flume					
10- 8	A. E. Johnston	11.6	1.20	1.00	13.9
11-15	do				0.0
3-29	do				0.0
5- 6	do	11.1	1.26	1.00	14.0
5-17	A. W. Hall	9.5	1.04	0.74	9.9
6-14	do	6.1	0.85	0.50	5.2
6-26	A. E. Johnston	6.6	0.95	0.58	6.3
7- 8	A. W. Hall			0.10	1.0
7-22	do	11.2	1.49	1.07	21.2
8-17	F. F. LeFever	17.0	1.92	1.22	22.6
9- 7	A. W. Hall	7.5	0.87	0.60	6.5
9-27	A. E. Johnston	13.9	1.29	1.04	17.9
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					
11-16	A. E. Johnston	24.0	1.56		37.6
3-30	do				0.0
4-23	A. W. Hall	22.3	1.62	1.79	36.1
5- 9	A. E. Johnston	14.4	1.61	1.18	23.2
6-24	do				0.0
7- 2	do				0.0
7- 9	A. W. Hall	20.4	1.51	1.65	30.9
7-23	do	8.2	1.25	0.60	10.2
9- 6	do	21.8	1.42	1.80	31.0
9-25	A. E. Johnston	21.8	1.33	1.80	29.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BLUHM CANAL—A-1811					
Diverted from Lodgepole Creek—Sec. 36-14-48 W. Measurements Made at Headgate					
10-25	A. E. Johnston	1.0	0.50		0.5
11-26	do	1.0	0.89		0.9
3-20	do	0.7	0.47		0.3
4-22	do	1.5	1.61		2.4
5- 3	A. W. Hall				0.0
6- 4	A. E. Johnston				0.0
7-26	do	1.2	0.49		0.6
8-27	do				0.0
9-21	do	0.6	1.06		0.6
BOELUS POWER CANAL—A-1373					
Diverted from Middle Loup River—Sec. 30-13-12 W. Measurements Made at U.P.R.R. Bridge at Boelus					
9-28	A. E. Johnston	218.0	1.80	6.10	393.4
BOTH CANAL, NORTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W. Measurements Made at Rating Flume					
11-26	A. E. Johnston				0.0
4-22	do				0.0
5- 4	do				0.0
7-26	do				0.0
8-27	do				0.0
9-21	do				0.0
BOTH CANAL, SOUTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W. Measurements Made at Rating Flume					
10-25	A. E. Johnston				0.0
11-26	do				0.0
4-22	do				0.0
5- 3	A. W. Hall				0.0
6- 4	A. E. Johnston				0.0
7-26	do				0.0
8-27	do				0.0
9-21	do				0.0
BORDWELL CANAL—D-302					
Diverted from Lodgepole Creek—Sec. 35-14-49 W. Measurements Made at Headgate					
4-22	A. E. Johnston				0.0
5- 3	A. W. Hall				0.0
7-26	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BORQUIST CANAL—D-301					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
Measurements Made at Headgate					
4-22	A. E. Johnston				0.0
5- 3	A. W. Hall				0.0
7-26	A. E. Johnston	3.0	0.95	1.15	2.9
8-27	do	3.0	0.64	1.22	1.9
9- 1	do				0.0
J. S. BOURETT CANAL—A-546					
Diverted from Niobrara River—Sec. 19-30-56 W.					
Measurements Made at Headgate					
6-18	A. E. Johnston				0.0
7- 8	do	0.8	0.71		0.6
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				.00
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- 5	F. F. LeFever	27.0	1.20	1.14	32.4
11- 2	do	31.8	1.34	1.53	42.7
5-11	A. E. Johnston	10.6	1.01	0.33	10.6
5-22	F. F. LeFever	20.5	1.49	0.95	30.7
6-21	A. E. Johnston				0.0
6-28	F. F. LeFever	19.3	1.77	1.00	34.2
7-11	A. W. Hall	40.4	1.56	2.10	63.2
7-27	A. E. Johnston	23.4	1.60	1.40	37.4
8-16	F. F. LeFever	33.2	1.58	1.61	52.5
8-26	do	36.0	1.58	1.71	56.9
9- 4	do	34.7	1.51	1.63	52.3
9-20	do	30.0	1.50	1.49	45.0
BULLOCK CANAL—D-296					
Diverted from Lodgepole Creek—Sec. 3-13-46 W.					
Measurements Made at Headgate					
4-22	A. E. Johnston	2.1	0.26		0.5
6- 4	do	5.2	0.92		4.8
7-25	do	1.4	1.00		1.4
9-21	do				0.0
BULLOCK CANAL—A-437					
Diverted from Lodgepole Creek—Sec. 4-13-46 W.					
Measurements Made below Headgate					
4-22	A. E. Johnston				0.0
8-24	do	1.1	0.65		0.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BURTON CANAL—D-608b					
Diverted from Burton Creek—Sec. 19-34-19 W.					
Measurements Made at Headgate					
7-17	A. E. Johnston	0.7	1.00		0.7
9-12	do				0.0
BUSHNELL CANAL—A-504					
Diverted from Lodgepole Creek—Sec. 2-14-58 W.					
Measurements Made at Headgate					
5- 6	A. W. Hall				0.0
7-13	Hall-Hanna	3.9	1.37	1.03	5.3
7-24	Johnston-Hanna	2.2	1.20	0.63	2.7
8-28	A. E. Johnston				0.0
9-20	Johnston-Hanna				0.0
CALADONIA CANAL—A-1681, A-1683					
Diverted from Jim Creek and Caladonia Reservoir—A-1680—					
Sec. 13-33-57 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston	0.5	1.39		0.8
5-15	Johnston-Rasmussen				0.0
7- 6	A. E. Johnston	0.2	0.45		0.1
8- 3	do				0.0
9- 6	do				0.0
CAPRON CANAL—D-890					
Diverted from Greenwood Creek—Sec. 15-18-50 W.					
Measurements Made at Headgate					
4-10	A. E. Johnston				0.0
6- 7	do				0.0
6-21	do				0.0
7-20	do	2.9	0.91		2.6
8- 6	do	2.6	1.06		2.8
8-19	A. W. Hall				0.0
9-18	A. E. Johnston	0.7	0.26		0.2
CASTLE ROCK CANAL—D-921					
Diverted from North Platte River—Sec. 4-21-54 W.					
Measurements Made at Rating Flume					
10- 4	F. F. LeFever	41.3	1.19	2.37	49.2
5-10	do	31.0	1.36	2.01	42.2
5-16	do	37.4	1.36	2.26	50.8
6-17	do	17.7	1.12	1.72	19.8
7-11	do	40.1	2.01	3.00	80.5
7-24	do	51.0	1.54	3.29	78.8

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CASTLE ROCK CANAL—Concluded					
8- 6	do	45.6	1.75	3.17	80.0
8-14	do	45.0	1.71	3.05	76.9
8-24	do	57.9	1.55	3.33	89.8
8-29	do	45.3	1.63	3.14	74.0
9-12	do	37.0	1.53	2.92	56.6
9-21	do	41.0	1.43	2.99	53.7
CENTRAL CANAL—D-926 Diverted from North Platte River and Pathfinder Reservoir—Sec. 36-22-55 W. Measurements Made at Rating Flume					
10- 3	F. F. LeFever				0.0
4- 3	do				0.0
4-18	do	5.7	1.75	0.61	9.9
6-17	do	12.0	0.73	1.22	5.5
6-26	do	9.1	1.32	0.96	12.0
7-11	do	22.7	1.59	2.31	36.1
7-24	do	17.9	1.49	1.84	26.6
8- 6	do	21.8	1.00	2.22	21.9
8-24	do	23.0	1.30	2.35	30.0
9-29	do	18.9	1.22	1.95	23.0
9- 9	do	24.4	1.49	2.50	36.3
9-12	do	24.7	1.42	2.52	35.0
2-21	do	25.4	1.42	2.60	35.9
CHAMPION CANAL—D-47 Diverted from Frenchman River—Sec. 23-6-40 W. Measurements Made at Headgate					
10-24	A. E. Johnston				0.0
11-20	do	5.3	1.20		6.4
11-21	A. E. Johnston	10.6	1.09		11.6
1- 9	A. W. Hall	11.5	1.04		12.0
2-23	A. E. Johnston	7.2	0.76		5.4
3-21	do	9.9	2.48		23.5
4-24	do	10.1	1.56		15.8
5- 8	A. W. Hall	7.3	0.91		6.6
6-30	do	7.4	1.16		8.6
7-15	do	14.5	1.34	1.50	19.4
9-14	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CHAMPION CANAL—A-1108					
Diverted from Frenchman River—Sec. 23-6-40 W. Storing in Kilpatrick Reservoir					
Measurements Made in Sec. 30-6-39 W.					
11-20	A. E. Johnston	5.5	1.04		5.7
11-24	do	6.9	1.22		8.4
1- 9	A. W. Hall	9.3	1.07		10.0
2-23	A. E. Johnston	7.2	0.76		5.4
4-27	A. W. Hall	9.5	1.13		10.8
5- 8	do	4.3	0.88		3.8
5-29	A. E. Johnston				0.0
6-30	A. W. Hall				0.0
8-23	A. E. Johnston				0.0
CHIMNEY ROCK CANAL—D-844, D-1031					
Diverted from North Platte River and Pathfinder Reservoir— Sec. 1-20-53 W.					
Measurements Made at Rating Flume					
10- 4	F. F. LeFever	25.6	1.74	1.54	44.5
11-22	do	26.7	1.75	1.63	46.9
4- 4	do			0.40	5.0
4-19	do	9.6	1.19	0.65	11.5
7-12	do	26.3	1.98	1.54	52.2
7-24	do	28.6	1.84	1.68	52.6
8- 5	do	25.9	1.61	1.52	41.9
8-15	do	25.8	1.64	1.51	42.4
8-24	do	27.0	1.50	1.59	40.4
8-24	do	26.9	1.53	1.58	41.3
8-29	do	25.0	1.22	1.48	30.4
9- 3	do	33.3	1.35	1.97	44.8
9- 9	do	25.6	1.27	1.66	32.3
9-13	do	21.2	1.27	1.74	30.8
9-24	do	28.8	1.07	1.67	30.8
CHRISTENSEN CANAL, SOUTH—D-366					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
7-24	A. E. Johnston				0.0
8-27	do				0.0
9-20	do				0.0
CHRISTENSEN CANAL, NORTH—D-367					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
7-21	A. E. Johnston				0.9
8-27	do				0.0
9-20	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CIRCLE ARROW CANAL—D-346					
Diverted from Lodgepole Creek—Sec. 30-15-54 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston	7.2	0.71	2.20	5.4
7-23	Johnston-Hanna				0.0
8-27	A. E. Johnston				0.0
9-20	do				0.0
CLEAR CREEK CANAL—D-748					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Rating Flume					
11-16	A. E. Johnston				0.0
3-30	do				0.0
5- 8	do				0.0
6-25	do				0.0
7- 2	do	2.2	1.04	0.03	2.3
7- 9	A. W. Hall	2.9	1.00	0.30	3.2
7-23	do	2.2	0.92	0.20	2.0
9- 6	do				0.0
9-25	A. E. Johnston				0.0
COAKLEY PUMP—A-2499					
Diverted from Sand Creek—Sec. 6-32-9 W.					
Measurements Made at Pump					
9-13	A. E. Johnston	0.7	1.00		0.7
CODY-DILLON CANAL—D-649					
Diverted from North Platte River—Sec. 9-14-31 W.					
Measurements Made at Ten Foot Cipolletti Weir After May 6, 1935					
11-15	A. E. Johnston	2.8	0.79	0.65	2.2
3-29	do				0.0
6-26	do				0.0
7- 1	do			0.10	1.1
7- 8	A. W. Hall	16.9	1.62	0.79	27.3
7-22	do			0.89	27.9
COFFEE CANAL, EAST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston	1.8	1.00		1.9
5-16	do	2.7	0.83		2.2
6-16	Johnston-Rasmussen	1.8	0.98		1.8
7- 6	A. E. Johnston	1.8	0.94		1.7
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston	1.0	0.86		0.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COFFEE CANAL, WEST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston	1.6	1.08		1.8
5-16	do	1.9	0.85		1.6
6-17	Johnston-Rasmussen				0.0
7- 6	A. E. Johnston	0.7	0.88		0.6
8- 3	Johnston-Rasmussen	0.1	0.86		0.4
9- 6	A. E. Johnston	0.2	0.30		0.1
COLD WATER CANAL—D-796					
Diverted from Cold Water Creek—Sec. 26-18-46 W.					
Measurements Made into Lisco and North River Canal					
10-11	A. E. Johnston	2.5	1.60	0.78	4.0
11-17	do	2.0	1.55	0.85	3.1
12-18	do	2.3	1.04	0.75	2.4
2- 7	do	1.5	1.53	0.75	2.3
2-28	do	2.8	1.60	0.75	4.5
5- 4	A. W. Hall	3.1	1.39	0.60	4.3
5-10	A. E. Johnston	3.1	1.20	0.78	3.7
6-24	do				0.0
7-10	A. W. Hall	1.8	1.28		2.3
7-25	do	1.8	1.33	0.53	2.4
8-21	do	2.7	1.18	0.60	3.2
9-24	A. E. Johnston	2.4	1.30	0.48	3.1
COOK CANAL NO. 1—D-980					
Diverted from Niobrara River—Sec. 1-28-56 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-17	do				0.0
6-19	do				0.0
7- 5	do	2.6	0.99		2.5
8- 3	do	3.4	0.41	0.54	1.4
9- 5	do	2.7	0.70	0.50	1.9
COOPER CANAL—A-333					
Diverted from Squaw Creek—Sec. 36-32-52 W.					
Measurements Made at Headgate					
5-14	A. E. Johnston				0.0
6-15	do	1.7	0.80		1.5
7- 9	do	1.3	0.25		0.3
7-29	do	5.3	2.52	0.63	13.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COOPER CANAL, EAST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
6-15	do				0.0
7- 9	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 7	A. E. Johnston				0.0
COOPER CANAL, WEST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
6-15	do	2.7	0.76	0.82	2.1
7- 9	do	2.6	0.36	0.80	0.9
8- 2	Johnston-Rasmussen				0.0
9- 7	A. E. Johnston	3.1	0.45	1.00	1.4
COURT HOUSE ROCK CANAL—D-840, D-1028, A-851					
Diverted from Pumpkinseed Creek—Sec. 30-19-50 W.					
Measurements Made at Rating Flume					
10-11	A. E. Johnston	8.5	1.45	0.95	12.3
10-27	do	12.6	1.16	1.35	14.6
3-11	F. F. LeFever				0.0
3-18	A. E. Johnston	7.2	2.29	0.78	16.5
3-28	A. W. Hall	7.0	2.34	0.74	16.4
4- 5	F. F. LeFever	8.0	2.12	0.82	17.1
4-19	A. E. Johnston				0.0
6- 7	do	10.8	2.44	1.20	26.4
6-21	do			0.06	0.0
7-11	A. W. Hall	12.8	1.98	1.42	25.3
7-20	A. E. Johnston	10.8	2.26	1.10	24.5
8-30	F. F. LeFever	7.2	2.39	0.80	77.2
9-16	do	7.2	2.46	0.81	17.7
9-18	A. E. Johnston	7.9	2.54	0.85	20.1
COZAD CANAL—D-626, A-2050, A-2056					
Diverted from Platte River—Sec. 15-11-25 W.					
Measurements Made at Rating Flume—Sec. 13-11-25 W.					
11-14	A. E. Johnston	111.0	1.34	2.95	149.0
11-21	A. W. Hall	145.0	1.40	4.00	203.0
11-23	do	155.0	1.57	4.19	243.0
3-27	A. E. Johnston	114.0	1.24	2.84	142.0
4-13	A. W. Hall	74.0	1.40	1.74	101.0
5- 3	A. E. Johnston				0.0
6-29	do				0.0
7- 7	A. W. Hall	31.9	1.06	0.58	34.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CRESCENT LAKE OUTLET CANAL—A-1575					
Diverted from Crescent Lake—Sec. 21-20-44 W.					
Measurements Made at Headgate					
5- 9	A. E. Johnston			0.85	0.0
7-24	A. W. Hall	10.8	1.42	1.00	15.3
CREWS CANAL, NO. 2—A-1709					
Diverted from Republican River—Sec. 20-1-41 W.					
Measurements Made at Headgate					
8-22	A. E. Johnston	4.8	1.03		4.0
CREWS CANAL, NO. 3—A-1826					
Diverted from Republican River—Sec. 20-1-41 W.					
Measurements Made at Headgate					
8-22	A. E. Johnston	2.2	1.38		3.1
CRIGLER CANAL—D-861, A-486					
Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.					
Measurements Made at Headgate					
4-15	A. W. Hall	1.0	0.76		0.8
7-20	A. E. Johnston	1.3	1.45		1.0
8- 6	do	1.0	1.48		1.6
9-18	do				0.0
CRYSTAL SPRING CANAL—A-1615					
Diverted from Crystal Springs—Sec. 10-2-13 W.					
Measurements Made at Headgate					
8-19	A. E. Johnston	1.1	1.34		1.5
CULBERTSON CANAL—D-24, D-25, D-29, D-30					
Diverted from Frenchman River—Sec. 31-5-33 W.					
Measurements Made at Rating Flume					
10-21	A. E. Johnston	49.6	1.84	3.12	91.4
11-22	do	46.4	1.78	2.88	82.9
3-21	do				0.0
4-24	do	49.6	1.86	3.05	92.2
5- 0	A. W. Hall	51.2	1.98	3.20	101.2
7- 1	do	36.5	1.55	2.59	56.6
7-16	do	51.2	1.78	3.37	91.0
8-23	A. E. Johnston	51.2	1.73	3.24	88.8
9-14	A. W. Hall	44.6	1.48	2.70	65.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
DAWSON COUNTY CANAL—D-621, D-622, D-624, A-2039, A-2093, A-2110, A-2262 Diverted from Platte River—Sec. 18-10-23 W. Measurements Made at Rating Flume—Sec. 7-10-23 W.					
10- 1	A. E. Johnston	106.0	2.12	3.05	224.2
10- 2	do	108.0	2.04	3.08	221.0
10- 6	do	131.5	2.14	3.48	281.5
10- 7	do	139.9	2.22	3.54	310.2
10-16	do	134.0	2.03	3.43	274.8
10-17	do	160.0	2.36	3.90	379.2
11-13	do	207.0	2.10	4.20	436.0
11-21	A. W. Hall	59.0	1.55	2.45	91.7
3- 5	A. E. Johnston	37.7	1.05	1.95	30.4
3-27	do	96.5	2.02	2.78	195.0
4-11	A. W. Hall	102.2	2.22	3.79	358.5
4-25	do	129.4	2.00	3.37	280.0
5- 3	A. E. Johnston	129.0	2.05	3.24	264.9
5-15	A. W. Hall	119.6	1.86	3.14	222.7
6-13	do	57.0	1.58	2.30	90.0
6-29	A. E. Johnston	40.6	1.16	1.98	47.0
7- 6	A. W. Hall	34.8	1.44	1.95	50.2
7-20	do	53.7	1.48	2.20	79.7
9- 9	do	62.3	1.49	2.45	93.0
DELAWARE-HICKMAN CANAL—D-157 Diverted from Republican River—Sec. 17-1-34 W. Measurements Made Near Headgate					
10-22	A. E. Johnston				0.0
11-23	do	2.8	0.82		2.3
3-22	do				0.0
4-25	do	7.7	2.10		16.2
8-22	do				0.0
DICKINSON CANAL—D-967 Diverted from Lodgepole Creek—Sec. 33-14-47 W. Measurements Made at Headgate					
3-20	A. E. Johnston	2.9	1.16		3.4
4-22	do	3.5	0.75		2.6
5- 3	A. W. Hall	1.7	1.06		1.8
6- 4	A. E. Johnston				0.0
7-26	do				0.0
8-24	do				0.0
9-21	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
DICKINSON CANAL—D-969					
Diverted from Lodgepole Creek—Sec. 26-14-47 W. Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
11-26	do				0.0
4-22	do				0.0
5- 3	A. W. Hall				0.0
6- 4	A. E. Johnston				0.0
7-26	do				0.0
8-24	do	2.0	1.94		3.9
9-21	do				0.0
DODD-McDOWELL CANAL—A-1571					
Diverted from Dodd-McDowell Reservoir—A-1276—Sec. 13-32-53 W. Measurements Made at Headgate					
5-16	A. E. Johnston				0.0
6-15	do				0.0
7- 9	do				0.0
DOUT BROTHERS CANAL—D-981					
Diverted from Jim Creek—Sec. 7-33-56 W. Measurements Made Below Headgate					
4-16	A. E. Johnston	0.2	0.40		0.1
5-15	Johnston-Rasmussen	0.2	0.27		0.1
7- 6	A. E. Johnston				0.0
9- 6	do				0.0
DOUT CANAL NO. 1—A-2000					
Diverted from Dout Reservoir No. 1—A-1999—Sec. 7-33-56 W. Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
DUNDY COUNTY CANAL—D-118					
Diverted from Republican River—Sec. 24-1-39 W. Measurements Made at Headgate					
3-22	A. E. Johnston				0.0
4-26	do				0.0
5-27	do				0.0
EARNEST CANAL NO. 1—D-514a					
Diverted from Niobrara River—Sec. 9-29-56 W. Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-16	do				0.0
6-18	do				0.0
7- 8	do	6.3	0.93	1.10	5.9
8- 3	do	6.6	0.72	1.17	4.7
9- 6	do	5.6	0.97	1.35	5.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
EARNEST CANAL NO. 2—D-514b					
Diverted from Niobrara River—Sec. 9-29-56 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-16	do				0.0
6-18	do				0.0
7- 8	do				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0
ELM CREEK CANAL—A-2104					
Diverted from Platte River—Sec. 6-8-19 W.					
Measurements Made at Bridge—Sec. 33-9-19 W.					
11-13	A. E. Johnston	11.6	0.35	1.55	4.1
3- 6	do	20.1	4.04	2.20	81.2
3-27	do	45.0	1.13	2.88	51.0
4-12	A. W. Hall	60.5	1.22	3.30	73.8
4-25	do	53.9	1.02	2.39	55.0
5- 2	A. E. Johnston	30.5	0.96	2.67	29.3
5-14	A. W. Hall	43.2	0.94	2.66	40.5
6-28	A. E. Johnston				0.0
9-10	A. W. Hall	23.4	0.79	1.70	18.5
9-30	A. E. Johnston	11.7	0.87	1.94	10.2
EMPIRE CANAL—D-858, A-866					
Diverted from North Platte River—Sec. 18-20-51 W.					
Measurements Made at Rating Flume—Sec. 20-20-51 W.					
7-12	F. F. LeFever	10.4	1.00	1.02	10.4
7-25	do			-0.12	0.4
8-22	do				0.3
9-13	do	10.4	0.86	1.07	8.9
ENTERPRISE CANAL—D-920					
Diverted from North Platte River—Sec. 27-23-57 W.					
Measurements Made at Rating Flume					
10- 3	F. F. LeFever	24.1	2.56	0.73	64.0
4-16	do	31.0	2.80	0.92	86.7
5- 1	do	18.1	2.49	0.53	45.0
5-14	do	26.4	1.75	0.51	46.1
6-11	do	29.8	2.05	0.52	61.1
6-25	do	30.0	2.43	0.89	72.9
7- 9	do	42.3	2.60	1.30	110.1
7-23	do	35.7	3.20	1.09	114.2
8- 3	LeFever-Boyer	30.2	2.54	0.86	76.6
8- 7	A. W. Hall	44.4	1.72	0.83	76.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ENTERPRISE CANAL—Concluded					
8-14	F. F. LeFever	27.6	3.27	0.79	90.2
8-23	do	29.3	2.88	0.80	84.3
8-23	do	42.9	1.93	0.90	82.7
8-28	do	28.6	2.82	0.77	80.8
9-11	do	26.9	3.18	0.75	85.5
9-20	do	23.9	3.30	0.68	78.8
ENTERPRISE CANAL—D-920					
Diverted from Morrill Drain—Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
5-15	F. F. LeFever				0.5
7- 9	do				0.3
8- 5	do	3.0	0.59		1.7
8-23	do	3.1	0.66		2.0
9-11	do	3.3	0.71		2.3
ENTERPRISE CANAL—D-920					
Diverted from Stewart Drain—Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
5-15	F. F. LeFever				0.0
8- 5	do				0.2
8-23	do				0.1
9-11	do				1.0
ENTERPRISE CANAL—D-920					
Diverted from Dry Spotted Tail Creek—Sec. 21-23-56 W.					
Measurements Made above Intersection with Enterprise Canal					
8- 5	F. F. LeFever	3.0	0.18		0.6
ENTERPRISE CANAL—D-920					
Diverted from Wet Spotted Tail Creek—Sec. 22-23-56 W.					
Measurements Made above Intersection with Enterprise Canal					
11-19	F. F. LeFever	4.1	1.19		4.9
4-17	do	5.1	1.28		6.4
5-15	do	5.1	0.91		5.6
7- 9	do	8.9	0.77		6.9
8- 5	do	5.8	1.48		8.5
8- 7	A. W. Hall	5.8	1.63		9.4
8-23	F. F. LeFever	5.8	1.59		9.2
9-11	do	5.8	1.75		10.3
ENTERPRISE CANAL—D-920 (O. D. A-2409)					
Diverted from Winters Creek—Sec. 8-22-54 W.					
Measurements Made near Headgate					
8- 1	LeFever-Hall	2.6	1.09		2.8
8- 6	F. F. LeFever	1.6	0.77		1.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

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					
4-16	A. E. Johnston				0.0
5-17	do	3.6	1.14		4.1
6-19	do				0.0
7- 5	do	3.2	0.65		2.0
8- 4	Johnston-Rasmussen				0.0
9- 5	A. E. Johnston				0.0
FARMERS CANAL—D-10					
Diverted from Frenchman River—Sec. 11-3-32 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston	6.0	0.79	0.80	4.7
11-22	do				0.0
3-21	do				0.0
4-25	do	11.4	0.89	1.75	10.2
7- 1	A. W. Hali				0.0
7-17	do				0.0
8-23	A. E. Johnston	16.9	0.68		11.4
FENDRICH CANAL, NORTH—A-616					
Diverted from Niobrara River—Sec. 32-29-48 W.					
Measurements Made at Headgate					
7-29	A. E. Johnston				0.0
FENDRICH CANAL, SOUTH—A-617					
Diverted from Niobrara River—Sec. 32-29-48 W.					
Measurements Made at Headgate					
7-29	A. E. Johnston				0.0
FINCH CANAL—D-964					
Diverted from Clear Creek—Sec. 4-15-41 W.					
Measurements Made at Headgate					
11-16	A. E. Johnston				0.0
3-30	do				0.0
5- 8	do				0.0
6-25	do				0.0
7- 2	do				0.0
9-25	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
FOLLETT-KROTTER CANAL—A-705, A-720, A-975, A-2294					
Diverted from Frenchman River—Sec. 35-5-34 W.					
Measurements Made at Rating Flume					
3-21	A. E. Johnston	4.8	3.25	0.72	15.6
4-25	do	4.8	2.82	0.75	13.5
5- 9	A. W. Hall	3.2	1.25	0.80	4.1
7- 1	do				0.0
7-16	do				0.0
8-23	A. E. Johnston				0.0
9-11	A. W. Hall				0.0
FRENCH DITCH—A-1149, A-1433, A-1581					
Diverted from North Platte River—Sec. 9-23-60 W., Wyoming					
Measurements Made Through Submerged Orifice					
3- 2	F. F. LeFever				0.0
4-16	do			2.23-2.07	10.7
4-20	M. E. Ball	25.6	0.64		16.5
5- 7	do			2.20-1.90	16.4
5- 8	do			1.96-1.82	13.9
5-14	do			2.19-1.90	16.1
5-25	Meeker-Ball			0.98-0.97	0.1
5-31	do				0.0
6-12	M. E. Ball				0.0
6-18	Meeker-Ball				0.0
6-24	do				0.0
7- 1	M. E. Ball			2.30-1.99	16.6
7- 8	do			1.90-1.75	11.6
7-22	do			2.95-2.16	26.6
8- 5	do			3.02-2.14	28.0
8-20	Meeker-Ball			2.92-2.10	27.0
9- 3	M. E. Ball			2.44-1.95	21.0
9-16	do			2.82-2.34	20.7
9-25	Meeker-Ball			2.38-1.92	19.7
Note:—Discharge computed from submerged orifice formula, using differences between gage readings.					
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston				0.0
4-16	do				0.0
5-17	do				0.0
6-19	do				0.0
7- 5	do	8.3	1.08		9.0
7-29	do	8.7	0.83	1.80	7.2
9- 4	Johnston-Rasmussen	9.9	1.05	2.00	10.4
9- 8	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston				0.0
4-16	do				0.0
6-17	do				0.0
6-19	do	5.9	0.96		5.6
7- 5	do	3.6	0.89		3.2
7-19	do				0.0
7-29	do	6.0	1.06	1.05	6.3
8- 4	Johnston-Rasmussen	6.7	1.23	1.32	8.2
9- 5	A. E. Johnston				0.0
GALLUP CANAL—D-426					
Diverted from Chadron Creek—Sec. 15-33-49 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
3-15	do				0.0
4-17	do				0.0
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
7-19	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 9	A. E. Johnston				0.0
GARDNER CANAL—A-1647					
Diverted from Little Cottonwood Creek—Sec. 6-1-15 W.					
Measurements Made at Headgate					
4-30	A. E. Johnston				0.0
GERING CANAL—A-365					
Diverted from North Platte River and Pathfinder Reservoir—Sec. 4-23-58 W.					
Measurements Made at Rating Flume					
11- 1	F. F. LeFever	56.8	1.59	1.09	90.4
11-21	do	49.8	2.22	1.54	110.4
4- 2	LeFever-Ball	90.6	2.05	2.13	185.6
4-16	F. F. LeFever	53.6	2.57	1.65	137.9
6-12	M. E. Ball				0.0
7-22	do	44.4	2.02	1.31	90.0
8- 3	LeFever-Boyer	45.7	2.28	1.42	104.4
8- 5	M. E. Ball	55.3	2.24	1.67	124.0
8-13	F. F. LeFever	54.0	2.26	1.67	122.3
8-19	A. W. Hall	51.9	2.70	1.69	140.0
8-20	do	32.7	2.87	1.10	94.0
8-28	F. F. LeFever	35.3	1.96	1.05	69.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft
GERING CANAL—Concluded					
8-30	A. E. Johnston	34.6	2.49	1.01	86.2
8-31	do	31.4	2.76	0.95	86.7
9- 2	A. W. Hall	31.4	3.02	1.06	94.9
9- 3	do	29.6	2.95	0.98	87.4
9-10	F. F. LeFever			0.03	3.0
GERING CANAL—A-365					
Diverted from North Platte River—Sec. 4-23-58 W.					
Measurements Made at Rating Flume—Bad Lands—Upper Station— NW $\frac{1}{4}$, Sec. 29-22-55 W.					
10- 3	F. F. LeFever				0.0
8-19	A. W. Hall	91.9	1.37	2.20	126.0
8-31	A. E. Johnston	49.4	1.10	0.70	54.1
9- 2	A. W. Hall	57.4	1.46	1.30	82.2
9- 3	do	63.4	1.15	1.20	73.1
GIFFORD CANAL—A-711					
Diverted from Pumpkinseed Creek and Reservoirs Nos. 1, 2, 3 (Scott's Reservoir)—A-711—Sec. 7-19-55 W.					
Measurements Made at Headgate					
10-27	A. E. Johnston				0.0
7-23	do				0.0
8-12	do				0.0
9-19	do				0.0
GOCHNAUER CANAL—A-2420					
Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.					
Measurements Made at Headgate					
6-14	A. E. Johnston				0.0
7-10	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 9	A. E. Johnston				0.0
GOTHENBURG DIVERSION CANAL—D-645a, D-645b					
Diverted from Platte River—Sec. 29-12-26 W.					
Measurements Made at Rating Flume—Sec. 28-12-26 W.					
11-14	A. E. Johnston	306.0	1.58	3.61	482.0
11-20	A. W. Hall	125.0	2.82	3.20	353.0
11-23	do	73.0	2.50	1.92	182.0
12-13	A. E. Johnston	96.0	1.82	2.70	175.0
1-10	do	100.0	1.70	2.80	170.0
3- 5	do	68.0	2.34	1.64	159.0
3-28	do	68.0	2.20	1.65	149.8
4-13	A. W. Hall	124.0	2.62	3.15	326.0
5- 3	A. E. Johnston	88.0	2.49	2.15	219.0
5-16	A. W. Hall	87.9	2.28	2.25	201.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
GOTHENBURG DIVERSION CANAL—Concluded					
6-29	A. E. Johnston	68.0	2.34	1.68	159.0
7- 7	A. W. Hall	62.4	2.20	1.60	137.5
7-21	do	50.0	2.06	1.20	103.0
9- 9	do	73.7	2.60	1.85	192.0
<p align="center">•</p> GOTHENBURG IRRIGATION CANAL—D-645b Diverted from Platte River—Sec. 29-12-26 W. Measurements Made at Rating Flume—Sec. 3-11-25 W.					
10-16	A. E. Johnston			1.90	4.3
11-14	do	86.0	2.06	5.40	256.0
11-20	A. W. Hall	141.0	2.04		287.0
3-28	A. E. Johnston				0.0
5- 3	do			1.72	21.6
5-16	A. W. Hall	37.2	1.22	2.05	45.3
6-29	A. E. Johnston			2.68	24.1
7-21	A. W. Hall			1.70	5.6
9- 9	do	2.8	0.79	1.60	2.2
GRAF CANAL—D-763-R, D-781-R, D-788 Diverted from Blue Creek and Crescent Lake—A-1575— Sec. 19-16-42 W. Measurements Made at Rating Flume					
11-16	A. E. Johnston	7.5	1.15	1.10	6.5
3-30	do	18.1	2.18	2.00	39.6
4-23	A. W. Hall	13.6	1.65	1.52	22.5
5- 9	A. E. Johnston	3.7	0.84	0.60	3.1
6-15	A. W. Hall	4.5	1.13	0.65	5.1
6-24	A. E. Johnston				0.0
7- 2	do	13.0	1.51	1.48	19.7
7- 9	A. W. Hall	11.5	1.24	1.40	14.3
7-23	do	15.6	1.60	1.75	25.1
9- 6	do	18.3	1.47	2.01	27.0
9-25	A. E. Johnston			0.51	1.5
HAIGLER CANAL—D-1025 Diverted from Republican River—Sec. 2-1-43 W. Measurements Made at Headgate					
10-23	A. E. Johnston	20.2	1.26	2.12	25.6
11-24	do	16.7	1.25	1.80	20.9
3-22	do				0.0
4-26	do	9.4	1.11	1.00	10.4
5-11	A. W. Hall	10.4	1.09		11.3
5-27	A. E. Johnston	12.4	1.41	1.30	17.5
7-17	A. W. Hall	12.3	1.00		12.3
8-22	A. E. Johnston	11.5	1.24	1.18	14.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

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					
10-31	A. E. Johnston	9.1	1.16	1.70	10.6
12- 1	do				0.0
4-13	do				0.0
4-17	do				0.0
5-16	do	5.3	1.38	1.20	7.3
6-15	do				0.0
7- 9	do	12.0	1.06	2.15	12.8
7-29	dc				0.0
8- 2	do			-0.20	0.4
8- 3	do				0.0
8- 5	do	0.6	0.67	-0.05	0.4
9- 7	do				0.0
HANNAH CANAL—D-886					
Diverted from North Platte River—Sec. 24-18-47 W.					
Measurements Made at Headgate					
9-24	A. E. Johnston				0.0
HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
11-16	A. E. Johnston				0.0
3-30	do	0.7	1.46		1.0
5- 8	do	1.9	1.68	0.52	3.2
6-25	do				0.0
7- 2	do				0.0
9-25	do				0.0
HARRIS-COOPER CANAL—D-464a, D-464b, D-464c					
Diverted from White River—Sec. 26-32-52 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	4.5	0.78		3.5
12- 1	do				0.0
3-26	A. W. Hall	5.0	1.22	0.45	6.1
3-26	do	4.5	1.11	0.37	5.0
4- 3	A. E. Johnston	4.3	1.77	0.32	7.6
4-13	do				0.0
4-17	do				0.0
6-15	do				0.0
7- 9	do				0.0
8- 2	do	4.9	2.75	0.58	13.5
8- 5	do	3.8	2.14	0.42	7.7
9- 7	do	5.2	1.55	0.40	8.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HARRIS-NEECE CANAL—D-517, A-2275					
Diverted from Niobrara River—Sec. 3-28-55 W.					
Measurements Made at Headgate					
4-18	A. E. Johnston				0.0
6-19	do				0.0
7- 5	do	5.0	2.40	1.03	12.0
8- 4	do	6.0	1.35	1.10	8.1
9- 5	do	7.7	1.21	1.45	9.3
HARTZELL CANAL—D-448					
Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
2-13	do	0.5	0.66		0.3
3-11	do				0.0
4-12	do				0.0
5-24	do				0.0
6-11	do				0.0
7-10	do				0.0
7-17	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 9	A. E. Johnston	0.2	0.65		0.1
HEARD CANAL—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
Measurements Made at Headgate					
3-28	A. W. Hall				0.0
8-12	A. E. Johnston				0.0
8-12	do	0.2	0.38		0.1
9-19	do				0.0
9-19	do				0.0
HIGH LINE CANAL—A-1682					
Diverted from Jim Creek—Sec. 13-33-57 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-15	do				0.0
7- 6	do				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HOLLY CANAL—D-956					
Diverted from Boggy Creek—Sec. 30-33-54 W.					
Measurements Made at Headgate					
8- 3	Johnston-Rasmussen				0.0
HOOPER CANAL—D-781, D-788-R					
Diverted from Blue Creek and Crescent Lake—A-1575—					
Sec. 6-16-42 W.					
Measurements Made at Rating Flume					
11-18	A. E. Johnston	10.0	1.95	1.95	19.5
3-30	do	9.0	2.25	1.80	20.3
4-23	A. W. Hall	7.2	1.79	1.42	12.9
5- 9	A. E. Johnston	6.0	1.55	1.15	9.3
6-24	do	2.0	0.50	0.35	1.0
7- 2	do	5.0	1.50	0.95	7.5
7- 9	A. W. Hall	8.5	1.96	1.66	16.7
7-23	do	7.0	1.82	1.42	12.7
9- 6	do	7.5	1.75	1.50	13.1
9-25	A. E. Johnston	8.0	1.79	1.52	14.3
HOOVER CANAL—D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10-26	A. E. Johnston	1.2	0.59	0.15	0.7
11-27	do				0.0
3-19	do				0.0
1-20	do				0.0
5- 6	Hall-Hanna				0.0
6- 5	A. E. Johnston				0.0
7-13	A. W. Hall	5.2	1.01	0.89	5.2
7-21	A. E. Johnston-Hanna	5.1	0.73	0.82	3.7
8-28	do				0.0
9-20	A. E. Johnston	4.7	0.75	0.77	3.5
HOPEFUL CANAL—A-2135					
Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.					
Measurements Made at Headgate					
6- 7	A. E. Johnston				0.0
HORSE CREEK CANAL—D-159, D-173					
Diverted from Horse Creek—Sec. 23-1-39 W.					
Measurements Made at Headgate					
4-26	A. E. Johnston				0.0
5-11	A. W. Hall	0.4	0.96		0.4
5-27	A. E. Johnston	0.6	1.14		0.7
7-17	A. W. Hall				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HOWARD CANAL—D-336, A-1645					
Diverted from Lodgepole Creek—Sec. 31-14-47 W.					
Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
4-22	do				0.0
5- 3	A. W. Hall				0.0
6- 4	A. E. Johnston				0.0
7-26	do				0.0
8-27	do				0.0
9-21	do				0.0
HUGHES CANAL—D-987a, D-987b					
Diverted from Niobrara River—Sec. 1-28-52 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-17	do				0.0
6-19	do				0.0
7- 5	do	3.5	0.51		1.5
8- 4	Johnston-Rasmussen				0.0
HURLEY-LILLY-POLLY CANAL—D-354					
Diverted from Lodgepole Creek—Sec. 26-15-56 W.					
Measurements Made at Rating Flume					
10-26	A. E. Johnston	4.0	1.42	0.85	5.7
11-27	do				0.0
3-19	do				0.0
4-20	do	0.9	2.22	0.20	2.0
6- 6	do				0.1
7-13	Hall-Hanna	2.5	1.67	0.47	4.2
7-24	A. E. Johnston	2.5	0.72	0.48	1.8
8-28	do	2.1	0.83	0.51	2.0
9-20	do				0.0
ICKES CANAL—D-329					
Diverted from Lodgepole Creek—Sec. 28-14-50 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston				0.0
INDEPENDENT CANAL—D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W.					
Measurements Made at Headgate					
10-26	A. E. Johnston	3.3	1.36		4.5
11-27	do				0.0
3-19	do	0.4	0.22		0.1
4-20	do				0.0
5- 6	A. W. Hall				0.0
6- 5	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
INDEPENDENT CANAL—Continued					
7-13	A. W. Hall	3.9	1.30	0.40	5.1
7-24	Johnston-Hanna	1.9	1.08	0.30	1.9
8-28	do	4.8	0.75	0.85	3.6
9-26	A. E. Johnston	1.4	0.65	0.18	0.9
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W. Measurements Made at Rating Flume					
10-24	A. E. Johnston				0.0
11-20	do				0.0
3-21	do				0.0
4-24	do	11.6	0.99	0.20	11.5
5- 8	A. W. Hall	7.2	0.89	1.80	6.4
5-29	A. E. Johnston				0.0
6-30	A. W. Hall				0.0
7-15	do				0.0
8-23	A. E. Johnston				0.0
9-14	A. W. Hall				0.0
JANSSEN CANAL—A-2231					
Diverted from Pawnee Creek—Sec. 20-13-27 W. Measurements Made at Headgate					
5- 3	A. E. Johnston				0.0
6-29	do				0.0
JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W. Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
4-23	do				0.0
5-16	do				0.0
6- 4	do				0.0
6-18	do				0.0
7- 8	do				0.0
7-25	do				0.0
8- 3	do				0.0
9- 6	do				0.0
JOHNSON CANAL—A-612					
Diverted from Lodgepole Creek—Sec. 23-13-45 W. Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
3-20	do	1.9	1.11		2.1
8-24	do				0.0
9-21	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
JORDAN CANAL—A-841					
Diverted from Monroe Creek and Jordan Reservoir— A-841—Sec. 13-33-56 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston	2.4	1.80		4.5
5-15	Johnston-Rasmussen	0.2	0.45		0.9
6-17	do	2.2	1.18		2.6
7- 6	A. E. Johnston	2.9	1.41		4.1
8- 3	Johnston-Rasmussen	0.2	0.71		0.2
9- 6	A. E. Johnston	1.2	0.52		0.6
JORDAN CANAL—A-2032					
Diverted from Monroe Creek—Sec. 22-33-56 W.					
Measurements Made at Headgate					
5-15	A. E. Johnston	0.2	1.00		0.2
6-17	do	2.2	1.45		3.2
7- 6	do	1.0	0.61		0.6
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- 1	A. E. Johnston	7.2	1.01	2.28	7.3
10- 3	do	1.4	0.86	2.00	1.2
10- 7	do	8.1	0.84	2.24	6.8
10-17	do	17.9	0.60	2.45	10.8
11-13	do	20.2	1.12	2.63	22.6
12-14	do			3.15	15.0
1- 8	do	173.0	2.09	6.68	361.0
2- 1	do	145.0	2.34	6.50	340.0
2-19	do	157.0	2.20	5.72	345.2
3- 6	do	122.0	1.53	4.80	187.3
3-27	do	162.0	2.22	5.54	350.0
4-12	A. W. Hall	138.0	1.98	5.24	271.0
4-25	do	59.6	1.45	3.55	86.3
5- 2	A. E. Johnston	172.0	2.08	5.76	357.0
5-14	A. W. Hall	182.0	2.24	6.10	408.0
6-12	do	160.0	1.99	5.65	319.0
6-28	A. E. Johnston	211.0	2.64	6.72	558.0
7- 6	A. W. Hall	135.0	1.79	5.20	242.0
7-20	do	16.7	0.65	2.38	10.8
9-10	do	13.2	1.76	4.85	233.0
9-30	A. E. Johnston	8.1	1.02	2.35	8.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KEITH-LINCOLN COUNTY CANAL—D-722					
Diverted from North Platte River—Sec. 18-14-36 W.					
Measurements Made at Rating Flume					
10- 8	A. E. Johnston	45.0	2.32	1.50	104.9
11-16	do	39.0	2.14		83.4
3-29	do	39.0	2.23	1.23	87.0
6- 8	A. W. Hall	8.6	1.17	0.40	10.0
6-26	A. E. Johnston	11.2	1.45	0.40	16.2
7- 1	do	17.2	1.71	0.56	29.4
7- 8	A. W. Hall	14.8	1.30	0.50	19.2
7-22	do	27.6	1.60	0.95	45.8
9- 7	do	26.9	1.60	0.80	45.5
9-27	A. E. Johnston	47.9	2.61	1.55	125.0
KELSO CANAL—A-2151, A-2279, A-2328, A-2456					
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.					
Measurements Made at Pump					
6-14	A. E. Johnston				0.0
7-10	do	1.0	1.78		1.8
9- 2	Johnston-Hanna				0.0
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W.					
Measurements Made at Rating Flume					
5- 3	A. E. Johnston				0.0
6-29	do				0.0
KEYSTONE CANAL—D-730, A-662b, A-843, A-1003					
Diverted from White Tail Creek—Sec. 26-15-38 W.					
Measurements Made near Headgate					
11-16	A. E. Johnston				0.0
5- 7	do				0.0
5-17	A. W. Hall	6.5	1.45	1.30	9.4
6-25	A. E. Johnston	0.4	0.50	0.50	0.2
7- 9	A. W. Hall	11.1	1.62	1.65	18.0
7-23	do	12.0	1.41	1.75	17.0
9- 7	do	10.3	1.62	1.76	16.7
9-26	A. E. Johnston	1.2	0.18	0.64	0.2
KILPATRICK RESERVOIR CANAL—A-1160					
Diverted from Kilpatrick Reservoir—A-1108—Sec. 30-6-39 W.					
Measurements Made at Headgate					
4-27	A. W. Hall	6.3	0.47		2.9
6-30	do	3.2	0.92		2.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KIMBALL CANAL, NORTH—A-897					
Diverted from Lodgepole Creek and Oliver Reservoir—A-897— Sec. 36-15-57 W.					
Measurements Made Below Headgate					
10-26	A. E. Johnston				0.0
4-20	do				0.0
6- 6	do				0.0
7-13	Hall-Hanna	9.5	1.29	2.09	12.2
7-24	A. E. Johnston	8.6	1.48	2.00	12.7
8-28	do				0.0
9-20	do				0.0
KIMBALL CANAL, SOUTH—A-897					
Diverted from Lodgepole Creek and Oliver Reservoir—A-897— Sec. 36-15-57 W.					
Measurements Made at Headgate					
7-13	Hall-Hanna	16.0	2.77	3.00	44.1
7-24	Johnston-Hanna	13.5	2.80	2.80	37.8
8-28	A. E. Johnston				0.0
9-20	do				0.0
KING CANAL, EAST—A-1440, A-1587					
Diverted from Lawrence Fork Creek—Sec. 15-18-52 W.					
Measurements Made at Headgate					
6- 7	A. E. Johnston	1.9	0.79	1.15	1.5
7-20	do	1.7	1.06	0.40	1.8
8- 6	do	1.5	1.00	1.32	1.4
9-18	do				0.0
KING CANAL, WEST—A-1440					
Diverted from Lawrence Fork Creek—Sec. 15-18-52 W.					
Measurements Made at Headgate					
6- 7	A. E. Johnston	0.8	0.90		0.7
7-20	do				0.0
8- 6	do				0.0
9-18	do	1.4	0.85		1.2
KINNEY CANAL, NORTH—D-348, A-718					
Diverted from Lodgepole Creek—Sec. 31-15-56 W.					
Measurements Made at Headgate					
3-19	A. E. Johnston				0.0
4-20	do				0.0
6- 6	do				0.0
7-13	A. W. Hall				0.0
7-24	A. E. Johnston	3.0	0.47	0.81	1.4
8-28	do	2.2	0.18	0.58	0.4
9-20	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KINNEY CANAL, SOUTH—D-345, A-718					
Diverted from Lodgepole Creek—Sec. 33-15-56 W.					
Measurements Made near Headgate					
3-19	A. E. Johnston				0.0
4-20	do				0.0
6-6	do				0.0
7-13	Hall-Hanna	1.8	2.13	0.50	3.8
7-21	Johnston-Hanna	1.7	2.29	0.43	3.9
8-28	do	2.3	1.04	0.58	2.4
9-20	A. E. Johnston	2.7	0.56	0.68	1.5
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					
5-15	A. E. Johnston	2.2	0.87		1.9
7-6	do	3.5	1.38		4.8
9-6	do				0.0
KREUGER CANAL NO. 1—D-325, D-968					
Diverted from Lodgepole Creek—Sec. 29-14-48 W.					
Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
2-25	do				1.1
4-22	do	4.9	1.04		5.1
5-3	A. W. Hall				0.0
7-26	A. E. Johnston				0.0
8-27	do				0.0
9-21	do				0.0
KREUGER CANAL NO. 2—D-324					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
11-26	A. E. Johnston	4.4	1.23		5.4
3-20	do	5.6	0.98		5.5
5-3	A. W. Hall				0.0
6-4	A. E. Johnston				0.0
7-26	do	3.8	1.13		4.3
8-27	do				0.0
9-21	do				0.0
KREUGER CANAL NO. 3—D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
5-3	A. W. Hall				0.0
8-27	A. E. Johnston	0.4	0.50		0.2
9-21	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LABELLE CANAL—D-518, A-60					
Diverted from Niobrara River—Sec. 6-28-54 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-17	do	5.2	4.25	1.20	22.1
6-19	do	4.0	2.42	1.00	9.7
7- 5	do				0.0
8- 4	Johnston-Rasmussen				0.0
9- 5	A. E. Johnston				0.0
LAING CANAL—D-825					
Diverted from Lawrence Fork Creek—Sec. 28-18-52 W.					
Measurements Made at Headgate					
6- 7	A. E. Johnston				0.0
7-20	do	0.8	1.03		0.9
8- 6	do	1.0	1.10		1.1
9-18	do	0.1	0.30		0.1
LAKOTA CANAL—D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-16	do				0.0
6-18	do				0.0
7- 8	do	5.6	0.89		5.0
8- 3	Johnston-Rasmussen				1.0
9- 6	A. E. Johnston	8.7	0.46		4.0
LARSON PUMP—A-1898					
Diverted from Muddy Creek—Sec. 17-4-23 W.					
Measurements Made at Pump					
8-17	A. E. Johnston	2.2	1.18		2.7
LAST CHANCE CANAL—D-883					
Diverted from Pumpkinseed Creek—Sec. 27-19-50 W.					
Measurements Made at Rating Flume					
10-11	A. E. Johnston	3.4	0.92	0.85	3.1
10-27	do	5.9	1.46	1.35	8.6
3-18	do				0.0
4- 5	F. F. LeFever				0.0
4-19	A. E. Johnston				0.0
6- 7	do				0.0
6-21	do				0.0
7-20	do				0.0
8- 6	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LAST CHANCE CANAL—Concluded					
8-26	A. W. Hall	7.4	0.47		3.5
9-16	F. F. LeFever	5.2	1.15	1.23	5.9
9-18	A. E. Johnston	5.7	1.19	1.25	6.8
LEE CANAL—D-973					
Diverted from Gordon Creek—Sec. 6-29-33 W. Measurements Made at Headgate					
4- 5	A. E. Johnston	12.2	0.76	1.65	9.3
LIBBY CANAL—D-312					
Diverted from Lodgepole Creek—Sec. 36-14-47 W. Measurements Made at Headgate					
4-22	A. E. Johnston	3.7	1.84		6.8
6- 4	do				0.0
7-25	do	0.2	0.65		0.1
8-24	do	2.4	0.53		1.3
9-21	do	0.2	0.41		0.1
LICHTE CANAL—D-479, A-1086, A-1088, A-2523					
Diverted from Niobrara River—Sec. 27-29-48 W. Measurements Made at Headgate					
10-30	A. E. Johnston	3.4	1.12		3.8
5-13	do	10.6	1.50		15.9
5-17	do	9.9	1.29		12.8
6-19	do				0.0
7- 5	do	6.8	1.26		8.6
7-19	do	10.5	1.22		12.8
7-29	do	9.4	1.27	0.95	11.9
8- 4	Johnston-Rasmussen	11.1	1.13	1.88	12.5
9- 5	A. E. Johnston	3.7	0.87		3.2
9-17	do				0.0
LISCO CANAL—D-787, D-856, 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.					
11-17	A. E. Johnston			0.35	27.5
3-11	F. F. LeFever				0.0
3-21	do			0.09	5.0
4- 2	do				0.0
5-10	A. E. Johnston			0.43	38.0
6-24	do				0.0
7-25	A. W. Hall			0.20	12.0
9-24	A. E. Johnston			0.24	15.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LOGAN CANAL—D-902					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W. Measurements Made at Headgate					
10-27	A. E. Johnston				0.0
3-18	do				0.0
4-19	do	2.2	1.61	0.61	3.6
6- 6	do				0.0
7-17	do	0.1	1.05		0.4
7-23	do				0.0
8-12	do	2.0	0.23	0.78	0.5
9-19	do				0.0
LOGAN CANAL—A-2457					
Diverted from Turkey Creek—Sec. 23-33-23 W. Measurements Made at Headgate					
9-12	A. E. Johnston				0.0
LONERGAN CANAL—D-699					
Diverted from Lonergan Creek—Sec. 17-15-39 W. Measurements Made at Headgate					
11-16	A. E. Johnston	2.2	1.09	0.88	2.4
12- 8	do	3.9	1.31	1.20	5.1
3-30	do	1.7	0.53	0.70	1.0
5- 8	do	1.0	0.90	0.60	0.9
6-25	do				0.0
7- 2	do	0.8	0.75	0.05	0.6
7- 9	do	1.1	0.82	0.05	0.9
7-23	A. W. Hall				0.0
9- 6	do	1.6	1.06	0.95	1.7
9-26	A. E. Johnston	2.1	2.00	1.15	4.2
LYNGHOLM CANAL—D-337					
Diverted from Lodgepole Creek—Sec. 14-14-51 W. Measurements Made at Headgate					
6- 5	A. E. Johnston				0.0
7-23	do				0.0
8-27	do				0.0
9-20	do				0.0
LYONS CANAL—D-803					
Diverted from North Platte River—Sec. 30-17-44 W. Measurements Made at Rating Flume					
4- 2	A. E. Johnston				0.0
5-10	do				0.0
6-24	do				0.0
7- 3	do				0.0
9- 5	A. W. Hall	17.3	1.27	1.42	22.1
9-25	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McAULIFFE CANAL—D-814					
Diverted from Lodgepole Creek—Sec. 21-13-45 W. Measurements Made at Headgate					
11-26	A. E. Johnston				0.0
7-25	do				0.0
McAULIFFE CANAL—A-1559					
Diverted from Lodgepole Creek—Sec. 21-13-45 W. Measurements Made at Headgate					
9-21	A. E. Johnston				0.0
McCARTHY CANAL—D-749					
Diverted from White Tail Creek—Sec. 36-15-38 W. Measurements Made at Headgate					
11-16	A. E. Johnston	1.6	1.69		2.7
3-29	do	1.5	1.00		1.5
5-4	A. W. Hall			0.20	0.2
5-7	A. E. Johnston	1.5	0.93	1.00	1.4
6-25	do	0.5	0.92	1.13	0.5
7-9	A. W. Hall	0.8	0.87	1.00	0.7
9-26	A. E. Johnston	0.8	0.66	1.06	0.5
McFADDEN CANAL—A-2142					
Diverted from Willow Creek—Sec. 14-14-35 W. Measurements Made at Headgate					
11-15	A. E. Johnston	0.6	1.00		0.6
3-29	do	0.6	1.33		0.8
5-7	do				0.0
6-26	do				0.0
9-27	do				0.0
McFARLAND CANAL—D-960					
Diverted from White Clay Creek—Sec. 35-32-52 W. Measurements Made at 2 Foot Weir					
5-14	A. E. Johnston			0.50	2.4
6-15	do				0.0
7-9	do			0.45	2.0
8-2	do			0.15	0.4
9-7	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McGINLEY-STOVER CANAL (NORTH)—D-513a					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-17	do				0.0
6-18	do				0.0
7- 8	do	7.7	0.99		7.6
8- 3	do				0.4
9- 6	do				0.0
McGINLEY-STOVER CANAL (SOUTH)—D-513b					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-17	do				0.0
6-18	do				0.0
7- 8	do				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0
McINTOSH CANAL—D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-15-55 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston	0.4	0.80		0.3
7-23	Johnston-Hanna	2.5	1.76		4.4
8-27	A. E. Johnston	2.3	1.30		3.0
9-20	do	2.3	1.44		3.3
McLAUGHLIN CANAL—D-966					
Diverted from Lodgepole Creek—Sec. 25-14-48 W.					
Measurements Made at Headgate					
10-25	A. E. Johnston				0.4
11-26	do				0.0
5- 3	A. W. Hall				0.2
5-17	A. E. Johnston				0.0
6- 4	do	10.0	1.55		15.5
7- 5	do	2.6	0.50		1.3
8-27	do				0.0
9-21	do	1.0	0.82		0.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McLAUGHLIN CANAL—D-566					
Diverted from Niobrara River—Sec. 9-28-52 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
6-19	do				0.0
7-26	do				0.0
8- 4	do	4.3	1.07	1.53	4.6
9- 5	do				0.0
MARANVILLE CANAL—D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
Measurements Made at Headgate					
10-24	A. E. Johnston	5.6	0.20	1.96	1.1
11-20	do	2.7	0.33		0.9
3-21	do				0.0
4-24	do	4.1	1.00	2.00	4.1
5- 8	A. W. Hall	4.5	0.22	1.80	1.0
6-30	do	8.4	0.21	2.12	1.8
7-15	do				0.0
8-23	A. E. Johnston				0.0
9-14	A. W. Hall				0.0
MEEKER CANAL—D-4, D-7, D-8, D-9					
Diverted from Republican River—Sec. 15-3-31 W.					
Measurements Made at Headgate					
10-22	A. E. Johnston	19.8	1.75	2.10	34.8
11-22	do	20.4	1.38	2.12	28.2
2-21	do				0.0
3-23	do				0.0
4-25	do	13.8	1.27	1.40	17.6
5-10	A. W. Hall	24.1	1.74	2.25	41.9
8-21	A. E. Johnston				0.0
MEGLEMRE CANAL—A-294, A-853					
Diverted from Greenwood Creek—Sec. 3-18-50 W.					
Measurements Made at Rating Flume					
3-18	A. E. Johnston				0.0
4-19	do	2.1	2.52	0.52	5.3
6- 7	do				0.0
6-21	do				0.0
7-20	do	3.2	2.15		6.5
8- 6	do	2.9	1.52		4.4
8-19	A. W. Hall	0.6	1.03		0.6
9-18	A. E. Johnston	0.7	0.91		0.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MEREDITH-AMMER CANAL—D-876					
Diverted from Pumpkinseed Creek—Sec. 23-19-50 W.					
Measurements Made at Rating Flume					
10- 1	F. F. LeFever	2.0	1.28	0.40	2.6
10-11	A. E. Johnston	2.4	1.11	0.40	2.7
10-27	do	3.3	1.51	0.55	5.0
3-11	F. F. LeFever				0.0
3-18	A. E. Johnston				0.0
4- 5	F. F. LeFever				0.0
4-19	A. E. Johnston				0.0
6- 7	do			0.10	0.3
6-21	do				0.0
7-11	A. W. Hall	3.3	1.88	0.55	6.2
7-20	A. E. Johnston	3.0	1.81	0.46	5.4
8-30	F. F. LeFever	1.8	1.48	0.33	2.7
9-16	do	3.0	1.57	0.49	4.7
9-18	A. E. Johnston	3.0	1.53	0.50	4.6
MERIDIAN CANAL—D-459					
Diverted from Niobrara River—Sec. 25-29-50 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	4.4	0.43		1.9
5-17	do				0.0
6-19	do	6.1	1.56		9.5
7- 5	do	6.0	1.78		10.7
7-29	do	5.8	0.72	1.80	4.2
8- 4	Johnston-Rasmussen	6.7	1.79	2.01	12.0
9- 5	A. E. Johnston	6.41	1.17	1.95	7.5
METTLEN CANAL—A-292, A-1248, A-2244					
Diverted from Niobrara River—Sec. 4-28-54 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston	4.8	1.58		7.6
5-17	do	3.0	2.53	0.75	7.6
6-19	do	4.0	0.77	1.00	3.1
7- 5	do				0.0
8- 4	Johnston-Rasmussen				0.0
9- 5	A. E. Johnston	1.9	0.95	0.60	1.8
MIDLAND-OVERLAND CANAL—D-789, D-791, D-800-R					
Diverted from North Platte River—Sec. 2-16-44 W.					
Measurements Made at Rating Flume					
10- 9	A. E. Johnston	15.8	0.96	2.00	15.3
11-17	do	9.0	1.04	1.20	9.4
4- 2	do				0.0
4-23	A. W. Hall	13.0	1.83	1.70	23.8
5- 9	A. E. Johnston				0.0
6-24	do			0.16	1.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MIDLAND-OVERLAND CANAL—Concluded					
7- 9	A. W. Hall	10.9	1.30	1.48	15.1
7-24	do	11.3	1.37	1.51	15.5
8-21	do	5.9	0.98	0.80	5.8
9- 5	do	16.0	0.92	2.15	14.7
9-25	A. E. Johnston				0.0
MILLER CANAL—D-740					
Diverted from Skunk Creek—Sec. 1-14-37 W. Measurements Made at Headgate					
11-19	A. E. Johnston				0.0
5- 7	do	0.2	0.04	0.58	0.1
6-25	do	0.4	0.65	0.22	0.3
9-26	do	0.6	1.17	0.65	0.7
MINATARE CANAL—D-919					
Diverted from North Platte River—Sec. 32-22-54 W. Measurements Made at Waste Gate					
10- 2	F. F. LeFever	53.0	1.17	1.52	62.6
4-18	do				0.0
5- 2	do			-0.20	3.0
5-16	do				8.0
6-17	do	11.2	0.68	0.75	7.7
6-26	do	28.1	0.74	1.50	20.9
7-11	do	77.8	0.70	3.15	54.5
7-23	do	57.6	1.03	2.68	59.0
8- 5	do	62.0	1.42	2.52	88.2
8-11	do	50.4	1.55	2.17	78.2
8-22	do	34.0	1.71	1.83	58.0
8-29	do	35.7	1.61	1.77	57.3
9- 9	do	25.3	1.51	1.45	39.1
9-12	do	26.8	1.46	1.43	39.0
9-21	do	32.9	1.60	1.77	52.5
MITCHELL CANAL					
Diverted from North Platte River—Sec. 10-23-60 W., Wyoming Measurements Made at Rating Flume					
11-21	F. F. LeFever	51.1	2.14	1.07	109.4
4-16	do	40.3	1.10	0.84	44.0
4-20	Meeker-Ball	48.8	1.20	1.22	58.6
5- 1	F. F. LeFever	35.8	1.33	0.68	47.5
5- 7	M. E. Ball	48.1	1.46	1.18	70.0
5-25	Meeker-Ball	16.9	1.16	0.53	19.7
7- 1	M. E. Ball	71.9	1.96	1.96	141.0
7- 8	do	94.1	2.09	2.38	196.7
7-22	do	80.2	2.23	2.31	178.9
8- 5	do	84.3	2.11	2.48	180.0
9-17	A. W. Hall	32.2	2.17	0.95	69.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MITCHELL CANAL					
Diverted from North Platte River—Sec. 10-23-60 W., Wyoming Measurements Made below Sack Dam—Sec. 9-23-58 W.					
8-10	A. E. Johnston	38.0	1.42		53.9
8-10	do	21.6	1.12		24.3
8-13	do	21.2	0.85		18.0
8-14	do	1.6	0.75		1.2
8-14	M. E. Ball	4.3	1.19		5.1
8-25	Ball-Meeker	75.8	2.03		153.6
8-27	do	89.9	2.00	2.79	180.0
MONROE CANAL, BIG—D-506, A-2372					
Diverted from Monroe Creek—Sec. 33-33-56 W. Measurements Made at Headgate					
4-16	A. E. Johnston	1.6	1.88		3.0
5-15	Johnston-Rasmussen	1.8	1.55	0.50	2.8
6-17	do				0.0
7- 6	A. E. Johnston				0.0
8- 3	Johnston-Rasmussen	0.8	0.88		0.7
9- 6	A. E. Johnston				0.0
MONTAGUE CANAL—A-575					
Diverted from Niobrara River—Sec. 27-29-48 W. Measurements Made at Headgate					
10-30	A. E. Johnston				0.0
5-13	do	4.3	0.49	1.05	2.1
5-17	do	4.1	0.77		3.2
6-19	do				0.0
7- 5	do	1.6	0.23		0.4
7-19	do	2.4	0.28		0.6
7-29	do	2.9	0.34	0.72	1.0
8- 4	Johnston-Rasmussen	2.7	0.30	0.68	0.8
9- 5	A. E. Johnston	2.9	0.20	0.76	0.6
9-17	do				0.0
MONTGOMERY CANAL—D-559					
Diverted from Sow Belly Creek—Sec. 21-33-55 W. Measurements Made at Headgate					
5-16	A. E. Johnston	0.6	0.22		0.1
6-17	do				0.0
7- 6	do				0.0
8- 3	Johnston-Rasmussen				0.1
9- 6	A. E. Johnston	1.7	0.64		1.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-17	do				0.0
6-19	do				0.0
7- 5	do	4.4	2.11	0.75	9.3
8- 4	Johnston-Rasmussen				0.0
9- 5	A. E. Johnston				0.0
MUTUAL CANAL—D-843					
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.					
Measurements Made at Headgate					
10-27	A. E. Johnston	6.6	0.82	2.30	5.4
3- 1	F. F. LeFever				0.6
3-18	A. E. Johnston	5.8	1.12	1.72	6.5
3-28	A. W. Hall	6.3	0.70	0.40	4.4
4- 5	F. F. LeFever	5.3	1.18	1.68	6.3
4-19	A. E. Johnston	6.2	1.13	1.70	7.0
6- 7	do				0.0
7- 4	A. W. Hall	6.0	0.78	1.84	4.7
7-23	A. E. Johnston	5.2	0.60	1.74	3.1
8- 6	do	10.2	0.79	2.12	8.1
8- 7	do	9.3	0.73	2.18	6.8
8- 8	do	4.8	0.62	1.70	3.0
8-12	do				0.0
8-30	F. F. LeFever	6.8	0.72	2.05	4.9
9-19	A. E. Johnston				0.1
NASLAND CANAL—A-661					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
11-26	do				1.0
3-20	do				0.0
4-23	do	2.1	0.53		1.1
6- 4	do	2.9	0.76		2.2
7-25	do	2.1	0.69		1.4
8-24	do				0.0
9-21	do				0.0
NEIHUS CANAL—A-550					
Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.					
Measurements Made at Headgate					
6- 7	A. E. Johnston				0.0
7-20	do				0.0
8- 6	do				0.0
9-18	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NELSON CANAL—D-845					
Diverted from Greenwood Creek—Sec. 33-18-50 W. Measurements Made at Headgate					
4-19	A. E. Johnston				0.0
6-7	do				0.0
6-21	do				0.0
7-20	do				0.0
8-6	do				0.0
9-18	do				0.0
NEUMAN CANAL NO. 2—A-565					
Diverted from Lodgepole Creek—Sec. 36-13-45 W. Measurements Made at Headgate					
6-4	A. E. Johnston				0.0
7-25	do				0.0
NEUMAN CANAL—A-611, A-1445					
Diverted from Lodgepole Creek—Sec. 26-13-45 W. Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
4-23	do				0.0
6-4	do				0.0
8-24	do				0.0
9-21	do				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.					
10-4	F. F. LeFever	22.0	1.14	1.72	25.3
4-18	do				0.0
6-17	do			0.90	1.0
7-2	do	27.2	1.70	2.08	46.2
7-12	do	39.4	2.17	3.00	85.5
7-24	do	32.7	2.12	2.71	69.4
9-3	do	35.0	1.94	2.61	68.0
9-12	do	36.1	2.00	2.66	72.3
9-21	do	37.0	1.95	2.63	72.1
NINE MILE CANAL—D-925					
Diverted from Nine Mile Drain—Sec. 10-21-53 W. Measurements Made near Headgate					
10-4	F. F. LeFever	13.0	0.68	1.67	8.9
6-17	do				8.0
7-2	do			1.48	5.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NISSEN CANAL—A-606					
Diverted from Sand Creek—Sec. 10-15-40 W.					
Measurements Made at Headgate					
3-30	A. E. Johnston	2.0	1.35		2.7
5-18	do				0.0
6-25	do				0.0
9-26	do				0.0
NORTH PLATTE CANAL—D-635					
Diverted from North Platte River—Sec. 13-14-34 W.					
Measurements Made at Rating Flume					
10- 8	A. E. Johnston	42.0	2.60	1.40	110.2
11-15	do	43.0	2.57	1.38	109.7
3-29	do	76.5	3.10	2.45	237.0
5- 7	do	39.6	2.22	1.26	88.0
6-11	A. W. Hall	50.1	2.18	1.55	109.6
6-26	A. E. Johnston	20.5	1.86	0.58	38.2
7- 1	do	42.8	2.32	1.32	99.5
7- 8	A. W. Hall	63.0	2.56	2.10	161.5
7-22	do	69.0	2.68	2.30	184.5
8-17	F. F. LeFever	71.3	2.65	2.29	189.0
9- 7	A. W. Hall	53.7	2.62	1.75	140.5
9-27	A. E. Johnston	51.1	2.62	1.67	141.9
NORTHPORT CANAL—A-768					
Diverted from North Platte River and Pathfinder Reservoir—					
Sec. 3- 23-58 W.					
Measurements Made at Red Willow Rating Flume—Sec. 14-21-51 W.					
10-13	A. E. Johnston	34.0	6.63	2.40	222.7
7-11	F. F. LeFever	34.9	2.46	2.32	208.7
7-27	A. E. Johnston	33.6	7.29	2.42	244.7
9- 2	do	62.4	2.92	2.01	182.4
9-18	F. B. Shaffer	26.0	6.42	1.92	166.9
9-18	do	71.5	2.25	1.92	160.5
NORTH RIVER CANAL—D-787-R, D-801-R, A-243					
Diverted from North Platte River—Sec. 24-18-47 W.					
Measurements Made at 40 foot Weir					
11-17	A. E. Johnston			0.25	42.1
3-11	F. F. LeFever				0.0
3-21	do				0.0
4- 2	do				0.0
5-10	A. W. Hall			0.15	7.8
6-24	A. E. Johnston				0.0
9-24	do			0.18	10.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NUNN CANAL—D-884 R					
Diverted from Pumpkinseed Creek—Sec. 27-19-51 W.					
Measurements Made at Headgate					
3-28	A. W. Hall				0.0
8-30	F. F. LeFever	0.8	0.40		0.3
9-19	A. E. Johnston				0.0
OBERFELDER CANAL—D-306					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
6-4	A. E. Johnston				0.0
7-25	do				0.0
8-24	do				0.0
9-21	do				0.0
OBERFELDER CANAL—D-333					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
6-4	A. E. Johnston				0.0
7-25	do	0.4	0.25		0.1
8-24	do				0.0
9-21	do	1.8	0.50		0.9
O'DONNELL CANAL—A-432, A-2036					
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.					
Measurements Made at Headgate					
8-2	Johnston-Rasmussen	2.0	0.90		1.8
OLD SOW BELLY CANAL—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
5-16	A. E. Johnston	1.5	1.57		2.4
6-17	Johnston-Rasmussen				0.0
7-6	A. E. Johnston	1.4	1.55		2.2
8-3	Johnston-Rasmussen	1.5	1.37		2.1
9-6	A. E. Johnston	1.1	0.91		1.0
OLIVER CANAL—A-2317					
Diverted from Fawcus Springs—Sec. 24-20-52 W.					
Measurements Made at Headgate					
10-1	A. W. Hall	1.0	0.60		0.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ORCHARD-ALFALFA CANAL—D-627					
Diverted from Platte River—Sec. 9-10-24 W.					
Measurements Made at Rating Flume					
11-13	A. E. Johnston				0.0
11-14	do				0.0
11-21	A. W. Hall	51.0	1.65	3.30	83.8
11-23	do	52.0	1.52	3.50	78.9
3-27	A. E. Johnston	43.3	2.19	3.50	94.8
4-11	A. W. Hall	31.1	1.45	1.85	45.0
4-25	do	27.4	1.39	1.65	38.2
5- 3	A. E. Johnston	21.8	1.27	1.15	27.7
6-27	do				0.0
OSHKOSH CANAL—D-797, A-243					
Diverted from North Platte River—Sec. 33-17-44 W.					
Measurements Made at Rating Flume					
4- 2	A. E. Johnston				0.0
5-10	do			0.30	0.0
6-24	do				0.0
7- 3	do				0.0
9- 5	A. W. Hall	15.0	0.81	1.52	12.1
9-25	A. E. Johnston				0.0
OTTER CREEK CANAL—D-1032, A-1, A-1198, A-1240					
Diverted from Otter Creek—Sec. 5-15-40 W.					
Measurements Made at Headgate					
11-16	A. E. Johnston				0.0
3-30	do	5.4	1.19	0.90	6.2
5- 8	do				0.0
6-25	do				0.0
7- 2	do				0.0
9- 6	A. W. Hall	1.5	0.53	1.66	0.8
9-26	A. E. Johnston				0.0
OTTER CREEK CANAL—D-725, A-1198					
Diverted from Sand Creek—Sec. 10-15-40 W.					
Measurements Made at Headgate					
11-16	A. E. Johnston	2.0	1.50		3.0
5- 8	do				0.0
6-25	do				0.0
7- 2	do				0.0
9-26	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
OWASCO CANAL—D-347, A-725					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements Made at Rating Flume					
16-26	A. E. Johnston				0.0
11-27	do				0.0
3-19	do				0.0
4-20	do				0.0
6-6	do				0.0
7-13	Hall-Hanna	2.6	1.53	0.37	4.0
7-23	A. E. Johnston	6.9	1.25	0.50	8.7
8-28	do	9.4	0.70	0.46	6.6
9-20	do	10.6	0.63	0.46	6.7
OX YOKE CANAL—D-447					
Diverted from Ash Creek—Sec. 31-32-50 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	0.6	1.50		0.9
3-15	do				0.0
5-14	do				0.0
6-14	do				0.0
7-9	do				0.0
8-2	Johnston-Rasmussen	1.4	0.79		1.1
9-7	A. E. Johnston				0.0
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					
10-7	A. E. Johnston	7.2	1.32	0.90	9.5
10-25	do	6.8	1.47	0.85	10.0
11-16	do	5.6	1.53	0.70	8.6
3-30	do				0.0
4-14	A. W. Hall	9.6	1.91	1.15	18.3
4-23	do	8.3	1.68	1.02	13.9
5-9	A. E. Johnston	4.4	1.43	0.55	6.3
8-24	do				0.0
7-2	do				0.0
7-9	A. W. Hall	11.9	1.90	1.45	22.6
7-23	do	12.0	1.93	1.51	23.2
9-6	do	5.2	1.31	0.65	6.8
9-25	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PARKS CANAL—A-1202, A-1444, A-1555					
Diverted from Republican River—Sec. 20-1-39 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston	2.8	1.97		5.5
11-24	do				0.0
3-22	do				0.0
4-26	do				0.0
5-11	A. W. Hall	6.6	1.09		7.2
5-27	A. E. Johnston				0.0
7-17	A. W. Hall				0.0
8-22	A. E. Johnston				0.0
PAXTON-HERSHEY CANAL—D-653					
Diverted from North Platte River—Sec. 18-14-33 W.					
Measurements Made at Rating Flume					
10- 8	A. E. Johnston	22.0	2.82	1.10	62.0
11-15	do				0.0
11-27	do				0.0
3-29	do	28.8	2.60	1.55	75.0
4-13	A. W. Hall	25.3	2.59	1.30	65.5
5- 7	A. E. Johnston	16.2	2.49	0.82	40.4
6-14	A. W. Hall	5.1	1.30	0.30	7.0
6-26	A. E. Johnston	10.8	2.96	0.56	32.0
7- 1	do	16.2	2.94	0.85	47.7
7- 8	A. W. Hall	12.6	2.50	0.70	31.5
7-22	do	30.6	2.93	1.70	89.5
8-17	F. F. LeFever	5.3	1.32	0.28	7.0
9- 7	A. W. Hall	16.2	3.16	0.90	51.1
9-27	A. E. Johnston	19.8	2.50	1.10	49.4
PERSINGER CANAL—D-297					
Diverted from Lodgepole Creek—Sec. 33-14-46 W.					
Measurements Made at Headgate					
4-22	A. E. Johnston	3.5	1.18		4.1
5- 3	A. W. Hall				0.0
6- 4	A. E. Johnston	0.4	0.45		-0.2
7-25	do				0.0
8-24	do				0.0
9-21	do				0.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

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					
10-27	A. E. Johnston				0.0
4-19	do	2.2	1.54		3.4
6-6	do				0.0
7-23	do	1.2	1.58		1.9
8-12	do				0.0
9-19	do				0.0
PHELAN CANAL—D-138, A-1609, A-2246					
Diverted from Rock Creek—Sec. 17-1-39 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston				0.0
4-26	do	0.8	0.97		0.7
5-27	do				0.0
8-22	do	0.3	0.41		0.1
PIONEER CANAL, NORTH—D-442a					
Diverted from Niobrara River—Sec. 36-29-51 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	8.9	1.63		1.5
4-16	do				0.0
5-17	do				0.0
6-19	do				0.0
7-5	do	14.4	0.36		5.2
7-29	do	6.3	0.19	1.70	1.2
8-4	Johnston-Rasmussen			0.83	0.0
9-5	A. E. Johnston			0.90	0.0
PIONEER CANAL, SOUTH—D-442b					
Diverted from Niobrara River—Sec. 31-29-50 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	4.3	0.72		3.1
4-16	do				0.0
5-17	do				0.0
6-19	do	8.4	0.90		5.8
7-5	do	6.0	1.22		7.3
7-29	do	1.7	0.91		1.5
8-4	Johnston-Rasmussen				0.0
9-5	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
POMEROY CANAL—A-723					
Diverted from Lodgepole Creek—Sec. 15-14-51 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston	1.4	1.03		1.5
7-24	do				0.0
8-27	do				0.0
9-20	do				0.0
PORTER CANAL—D-171, A-1298					
Diverted from Buffalo Creek—Sec. 1-1-41 W.					
Measurements Made at Headgate					
5-11	A. W. Hall				0.0
POTMESIL BROTHERS CANAL—A-1152					
Diverted from Niobrara River—Sec. 25-29-48 W.					
Measurements Made at Headgate					
9- 5	A. E. Johnston				0.0
PREMIER CANAL—D-340					
Diverted from Lodgepole Creek—Sec. 3-14-58 W.					
Measurements Made at Headgate					
5- 6	A. W. Hall				0.0
7-13	Hall-Hanna	1.3	0.88	0.30	1.1
7-24	Johnston-Hanna				0.0
8-28	do				0.0
9-20	A. E. Johnston				0.0
PROUTY CANAL—A-2393					
Diverted from Prouty Springs—Sec. 5-32-11 W.					
Measurements Made at Headgate					
7-16	A. E. Johnston				0.0
RALTON CANAL—A-847					
Diverted from Lodgepole Creek—Sec. 12-12-45 W.					
Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
11-26	do				0.0
3-20	do				0.0
4-23	do				0.0
6- 4	A. E. Johnston				0.0
7-25	do				0.0
9-21	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
RAMSHORN CANAL—D-918 R—D-945					
Diverted from North Platte River—Sec. 18-23-57 W.					
Measurements Made at Rating Flume—Sec. 19-23-57 W.					
10-1	F. F. LeFever				0.0
5-6	do	14.1	1.16	0.97	16.4
5-14	do	15.6	1.12	1.06	17.5
6-11	do	9.3	0.73	0.76	6.8
7-1	do	18.7	0.75	1.32	14.0
7-9	do	25.4	0.79	1.77	20.1
7-22	do	15.9	0.42	1.15	6.7
8-2	LeFever-Boyer	18.7	0.11	1.32	2.7
8-13	F. F. LeFever	9.8	0.22	0.96	2.2
8-23	do			0.90	1.5
9-10	do			0.65	1.0
RANDALL CANAL—A-1100					
Diverted from Lawrence Fork Creek—Sec. 21-18-52 W.					
Measurements Made at Headgate					
6-7	A. E. Johnston				0.0
7-20	do	3.6	1.48	0.80	5.3
8-6	do	3.9	1.22	0.75	4.8
9-18	do	3.7	0.91	0.70	3.1
RASHER CANAL—D-467, A-456, A-534					
Diverted from White River—Sec. 19-32-51 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	3.4	1.00	0.70	3.4
4-13	do				0.0
5-14	do				0.0
6-15	do				0.0
7-9	do				0.0
8-2	Johnston-Rasmussen				0.0
9-7	A. E. Johnston				0.0
RIVERSIDE CANAL—D-18, A-1674					
Diverted from Frenchman River—Sec. 33-4-32 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston	10.5	2.02	1.00	21.2
11-22	do	10.1	1.08		10.8
3-21	do				0.0
4-25	do	3.8	0.97		3.7
5-9	A. W. Hall	10.5	2.15	2.00	22.6
7-1	do				0.0
7-17	do				0.0
8-23	A. E. Johnston	13.7	0.88		12.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ROUND HOUSE ROCK CANAL—D-884					
Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.					
Measurements Made at Rating Flume					
3-28	A. W. Hall				0.0
7-20	A. E. Johnston	1.0	0.87		0.9
8- 6	do				0.0
8-12	do				0.0
9-19	do				0.0
RUNGE CANAL NO. 2—D-338					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston				0.0
RUNGE CANAL NO. 1—D-339					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston				0.0
RUSH CREEK CANAL—D-802					
Diverted from North Platte River—Sec. 2-17-46 W.					
Measurements Made at Rating Flume					
5-10	A. E. Johnston				0.0
9- 5	A. W. Hall				0.0
9-21	A. E. Johnston				0.0
RUTTNER CANAL—A-906					
Diverted from Lodgepole Creek—Sec. 30-14-47 W.					
Measurements Made at Headgate					
10-25	A. E. Johnston				0.0
4-22	do	2.0	1.66		3.2
7-26	do				0.0
8-27	do				0.0
9-21	do				0.0
RUTTNER CANAL, NEW—D-350 R, A-727, A-857, A-869					
Diverted from Lodgepole Creek—Sec. 36-15-57 W.					
Measurements Made at Headgate					
10-26	A. E. Johnston	0.6	1.02		0.6
11-27	do	1.6	1.25		2.0
3-19	do	1.5	1.42		2.2
4-20	do				0.0
6- 5	do				0.0
7-24	do				0.0
8-28	do				0.0
9-20	do	1.6	0.53		0.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

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					
5- 7	A. E. Johnston				0.0
9-28	do				0.0
SAND CREEK CANAL, WEST—A-974					
Diverted from Gravel Creek—Sec. 9-14-36 W.					
Measurements Made below Headgate					
5- 7	A. E. Johnston				0.0
9-26	do				0.0
SCHAEFER RESERVOIR SUPPLY CANAL—A-2306					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
8- 3	Johnston-Rasmussen				0.0
SCHAEFER RESERVOIR CANALS NOS. 1 AND 2—A-2484					
Diverted from Schaefer Reservoir—A-2306—Sec. 6-32-55 W.					
Measurements Made at Headgate					
7- 6	A. E. Johnston				0.0
9- 6	do				0.0
SCRIPTER CANAL—A-2288					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
11-16	A. E. Johnston				0.0
3-30	do				0.0
5- 8	do				0.0
6-25	do				0.0
7- 2	do				0.0
9-25	do				0.0
SHELDON CANAL—A-493					
Diverted from East Ash Creek—Sec. 30-32-50 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
3-15	do				0.0
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	do				0.0
9- 7	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SHEPHERD CANAL—A-1965					
Diverted from Squaw Creek—Sec. 36-34-57 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston	0.6	1.35		0.8
5-15	Johnston-Rasmussen	0.8	0.84		0.6
7- 6	A. E. Johnston	0.4	0.41		0.2
9- 6	do	0.2	0.45		0.1
SHERIDAN-WILSON CANAL—D-710					
Diverted from North Platte River—Sec. 20-14-35 W.					
Measurements Made near Headgate					
10- 8	A. E. Johnston	8.8	2.70	1.42	23.7
11-15	do				0.0
3-29	do	8.4	1.74	1.00	14.6
5- 7	do				0.0
6-26	do	4.2	1.24	0.73	5.2
7- 8	A. W. Hall	6.7	1.36	1.00	9.1
7-23	do	13.4	1.72	1.80	23.0
9- 7	do	6.3	1.41	1.10	8.9
9-27	A. E. Johnston	2.6	0.80	0.62	2.1
SHORT LINE CANAL—D-946					
Diverted from North Platte River—Sec. 25-21-53 W.					
Measurements Made at Headgate					
10- 4	F. F. LeFever	11.7	1.03	1.13	12.1
4-18	do				0.0
6-14	do				0.0
7- 2	do	29.6	1.20	1.85	35.5
7-12	do	27.2	0.99	1.64	26.9
7-24	do	27.2	0.67	1.63	18.2
9- 3	do	13.2	0.69	1.22	9.1
9-12	do	12.4	0.82	1.30	10.2
9-24	do	11.5	0.74	1.33	8.5
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 16-16-43 W.					
Measurements Made at Headgate					
4-23	A. W. Hall	6.7	1.19	1.90	8.0
5- 9	A. E. Johnston	3.8	0.87	1.31	3.3
9-25	do				0.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued
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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					
10-31	A. E. Johnston	1.3	0.69		0.9
12- 1	do	1.0	0.75		0.8
1-15	do	1.3	0.36		0.5
3-15	do	1.4	0.92		1.3
4-17	do	1.0	0.92		1.0
5-14	do				0.0
6-14	do				0.0
7- 9	do	1.0	0.78		0.8
8- 2	do	1.4	0.19		0.3
9- 7	do	1.6	0.50		0.8
SIX MILE CANAL—D-680					
Diverted from Platte River—Sec. 11-11-26 W.					
Measurements Made at Rating Flume					
11-11	A. E. Johnston				0.0
3-27	do	18.8	1.57	2.15	29.4
4-13	A. W. Hall	13.3	1.44	1.45	19.1
5- 3	A. E. Johnston	5.1	1.02	0.52	5.5
6-27	do				0.0
SLATTERY CANAL—A-749, A-2021					
Diverted from Dead Horse Creek—Sec. 32-33-49 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	do				0.0
9- 7	do				0.0
SLATTERY CANAL—D-543, A-1683					
Diverted from Jim Creek and Caladonia Reservoir—A-1680					
Sec. 13-33-57 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-15	do				0.0
7- 6	do				0.0
8- 3	do				0.0
9- 6	do				0.0
SMITH-WHEELER CANAL—D-842					
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.					
Measurements Made at Headgate					
3-28	A. W. Hall				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SODERQUIST CANAL—A-1237, A-1420					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
8-24	A. E. Johnston				0.0
SOEHL CANAL (EAST)—D-697a					
Diverted from Lonergan Creek—Sec. 17-15-39 W.					
Measurements Made at Headgate					
3-30	A. E. Johnston	3.6	1.61		5.7
5- 8	do			0.18	0.0
6-25	do				0.0
7- 2	do				0.0
7-23	A. W. Hall				0.0
9-26	A. E. Johnston				0.0
SOEHL CANAL, (WEST)—D-697b					
Diverted from Lonergan Creek—Sec. 17-15-39 W.					
Measurements Made at Headgate					
3-30	A. E. Johnston			0.15	0.9
5- 8	do			0.58	0.0
6-25	do				0.0
7- 2	do				0.0
7-23	A. W. Hall	1.4	0.79	1.05	1.1
9-26	A. E. Johnston				0.0
SOLDIER CREEK CANAL					
Diverted from Soldier Creek near Fort Robinson—Sec. 18-31-52 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	2.7	1.15		3.1
12- 1	do				0.0
4-13	do				0.0
5-16	do				0.0
6-18	do				0.0
7- 8	do	2.1	0.97		2.0
8- 5	do	1.2	2.00		2.4
9- 7	do	0.5	1.52		0.8
SPINAR CANAL—A-2519					
Diverted from Spring Creek—Sec. 1-32-11 W.					
Measurements Made at Headgate					
7-16	A. E. Johnston	0.1	0.50		0.1

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DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SPOHN CANAL—D-801					
Diverted from North Platte River—Sec. 13-17-45 W. Measurements Made at Rating Flume					
4- 2	A. E. Johnston				0.0
5-10	do				0.0
6-24	do				0.0
7- 3	do				0.0
8-21	A. W. Hall	7.2	0.67	1.00	4.8
9- 5	do	11.0	0.98	1.40	9.7
9-25	A. E. Johnston				0.0
SPRING BRANCH CANAL—D-862, D-893, A-669					
Diverted from Lawrence Fork Creek—Sec. 11-18-52 W. Measurements Made at Headgate					
4-15	A. W. Hall	1.2	0.78		1.0
SPRING CREEK CANAL NO. 1—D-473					
Diverted from Spring Creek Tributary to Little Cottonwood Creek—Sec. 7-32-51 W. Measurements Made at Headgate					
5-14	A. E. Johnston				0.0
6-15	do				0.0
7- 9	do				0.0
8- 2	Johnston-Rasmussen				0.0
8- 6	A. E. Johnston	0.4	0.83		0.3
9- 7	do				0.0
SPRING CREEK CANAL—D-532					
Diverted from Sow Belly Creek—Sec. 7-32-55 W. Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
5-16	do	0.2	1.08		0.3
6- 7	do	1.4	1.27		1.8
6-25	do				0.0
7- 6	do				0.0
8- 3	do				0.0
9- 6	do				0.0
STAFFORD CANAL—A-2114					
Diverted from Willow Creek—Sec. 15-14-35 W. Measurements Made at Headgate					
11-15	A. E. Johnston	0.8	1.04		0.8
3-29	do	0.6	0.98		0.6
5- 7	do				0.0
6-26	do				0.0
9-27	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
STUART CANAL, NORTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 19-32-52 W.					
Measurements Made below Headgate					
5-16	A. E. Johnston				0.0
6-15	do				0.0
7- 9	do				0.0
STUART CANAL, SOUTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 17-32-52 W.					
Measurements Made at Headgate					
5-16	A. E. Johnston	2.5	1.79		4.5
6-15	do				0.0
7- 9	do				0.0
STUART CANAL—A-2408					
Diverted from Turkey Creek—Sec. 23-33-23 W.					
Measurements Made at Headgate					
7-17	A. E. Johnston	0.4	0.50		0.2
9-12	do				0.0
STUMPH CANAL—D-447 R, D-1023½					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
3-15	do				0.0
5-11	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	do				0.0
9- 7	do				0.0
SUBURBAN CANAL—D-662					
Diverted from North Platte River—Sec. 12-14-33 W.					
Measurements Made at Rating Flume					
10- 8	A. E. Johnston	16.1	2.72	0.95	43.8
11-15	do				0.0
3-29	do				0.0
5- 6	do	8.6	3.23	0.40	27.8
5-17	A. W. Hall	9.4	3.25	0.55	30.5
6-26	A. E. Johnston			0.15	2.0
7- 1	do			0.12	2.0
7- 8	A. W. Hall	5.8	2.48	0.45	14.3
7-22	do	25.5	0.91	0.60	23.1
8-17	F. F. LeFever	29.2	1.39	0.62	40.5
9- 7	A. W. Hall	3.3	2.00	0.35	6.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SUBURBAN CANAL—D-662					
Diverted from Lincoln County Drain—Sec. 28-14-31 W.					
Measurements Made at Headgate					
7-22	A. W. Hall	11.5	1.70	1.95	19.6
8-17	F. F. LeFever	15.1	1.23	1.17	18.6
SUDMAN CANAL—A-1483					
Diverted from Lodgepole Creek—Sec. 22-13-45 W.					
Measurements Made at Headgate					
19-25	A. E. Johnston				0.0
4-23	do	0.5	0.80		0.4
6- 4	do				0.0
THIRTY-MILE CANAL—A-1853, A-1976, A-2077					
Diverted from Platte River—Sec. 30-12-26 W.					
Measurements Made at Rating Flume					
11-14	A. E. Johnston				0.0
11-20	A. W. Hall	80.0	3.46	4.00	276.0
12-13	A. E. Johnston				0.0
3-28	do	70.0	3.78	3.50	261.7
4-13	A. W. Hall	82.0	3.44	4.10	282.2
5- 3	A. E. Johnston	42.0	3.00	2.04	126.1
5-16	A. W. Hall	42.0	2.90	2.10	125.5
6-27	A. E. Johnston				0.0
THOMAS CANAL—A-2057					
Diverted from East Ash Creek—Sec. 19-32-50 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	0.8	1.75		1.4
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 7	A. E. Johnston				0.0
THOMAS CANAL—A-1748					
Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.					
Measurements Made at Headgate					
3-15	A. E. Johnston				0.0
5-24	do				0.0
6-14	do				0.0
7-10	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 9	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
THOMAS STUART CANAL—D-425					
Diverted from Little Cottonwood Creek—Sec. 8-32-52 W. Measurements Made at Headgate					
5-16	A. E. Johnston				0.0
6-15	do				0.0
7- 9	do				0.0
TOBIN CANAL—D-330					
Diverted from Lodgepole Creek—Sec. 28-14-47 W. Measurements Made at Headgate					
6- 4	A. E. Johnston				0.0
TODD CANAL—A-520					
Diverted from East Ash Creek—Sec. 5-31-50 W. Measurements Made at Headgate					
7- 9	A. E. Johnston	2.3	1.02		2.4
8- 2	do				0.0
9- 7	do				0.0
TRACY CANAL—A-870					
Diverted from Lodgepole Creek—Sec. 12-14-59 W. Measurements Made at Headgate					
10-26	A. E. Johnston	2.5	0.86		2.0
11-27	do	2.5	1.76		4.4
3-19	do	1.9	0.47		0.9
4-20	do	0.6	0.65		0.4
5- 6	Hall-Hanna				0.0
6- 5	A. E. Johnston				0.0
6-18	A. W. Hall	1.1	1.00		1.1
7-13	Hall-Hanna	1.0	0.93	0.38	1.0
7-21	Johnston-Hanna	2.7	1.31	0.88	3.5
8-28	A. E. Johnston	2.4	1.00	0.74	2.3
9-20	do	3.5	0.89	0.93	3.1
TRINNIER CANAL—D-849, A-1551					
Diverted from Greenwood Creek—Sec. 28-18-50 W. Measurements Made at Headgate					
4-19	A. E. Johnston				0.0
6- 7	do				0.0
5-21	do	0.4	0.43		0.2
7-20	do	0.6	0.86		0.6
8- 6	do	3.7	1.40		5.2
3-19	A. W. Hall	4.3	1.51		6.5
3-18	A. E. Johnston	6.3	1.60		10.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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.					
10- 1	F. F. LeFever	142.0	1.30	3.80	185.0
11-19	do	83.0	0.71	2.73	59.0
5- 1	do	7.4	0.81	0.60	6.2
5- 6	do	57.2	1.54	4.01	88.1
5-10	do	47.9	1.38	3.90	66.1
5-14	do	93.8	1.70	4.44	159.7
6-11	do	273.7	2.44	5.92	676.8
6-24	do	168.4	1.89	4.21	317.9
7- 1	do	383.3	2.72	7.61	1028.4
7- 9	do	443.4	2.91	8.48	1289.5
7- 9	do	444.4	2.89	8.48	1286.5
7-22	do	425.4	2.78	8.30	1180.0
8- 2	LeFever-Boyer	416.4	2.63	8.14	1104.8
8-13	F. F. LeFever	248.4	2.19	5.53	543.0
8-20	A. W. Hall	338.8	2.50	6.87	848.6
8-28	F. F. LeFever	173.0	1.73	4.28	302.0
8-30	A. E. Johnston	214.0	1.59	4.90	339.8
9-10	F. F. LeFever	331.0	2.56	6.95	848.5
9-20	do	307.0	2.29	6.45	701.0
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.					
6-25	F. F. LeFever			0.53	0.2
7- 1	do	7.2	0.87	1.96	6.3
7- 9	do	7.6	0.99	2.16	7.5
8- 2	LeFever-Boyer	4.8	0.87	1.67	4.2
8-28	F. F. LeFever	5.0	1.07	1.64	5.3
9-10	do	4.9	0.91	1.61	4.6
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.					
6-25	F. F. LeFever	5.8	1.15	1.08	6.7
6-25	do	5.6	1.24	1.44	7.0
7- 1	do	6.5	1.35	1.65	8.8
7- 9	do	6.6	1.42	1.70	9.4
8- 2	LeFever-Boyer	4.2	1.07	1.15	4.5
8-28	F. F. LeFever	4.8	1.14	1.27	5.6
9-10	do	4.9	1.10	1.29	5.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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. 13-23-58 W.					
7-1	F. F. LeFever	3.1	0.64		2.0
8-2	LeFever-Boyer				0.0
9-10	F. F. LeFever				1.0
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Akers Draw—Sec. 12-23-57 W.					
Measurements Made at Intersection with Tri-State Canal					
11-19	F. F. LeFever	11.0	0.89		9.8
4-30	do	6.8	1.33		9.1
5-15	do	6.3	1.33		8.7
8-14	do	9.3	1.24		11.5
8-23	do	12.6	0.97		12.2
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Sheep Creek—Sec. 8-23-57 W.					
Measurements Made at Headgate of Feeder Canal					
11-21	F. F. LeFever	34.8	1.08	2.21	58.8
2-5	do	31.2	1.74	2.17	54.1
5-14	do	30.8	1.83	2.14	56.4
7-22	do	29.8	1.46	1.79	43.5
8-2	LeFever-Boyer	31.4	1.57	1.96	49.9
9-10	F. F. LeFever	35.9	2.17	2.42	77.8
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Dry Spotted Tail Creek—Sec. 9-23-56 W.					
Measurements Made at Intersection with Tri-State Canal					
11-19	F. F. LeFever	5.9	1.03	1.90	6.1
3-19	do				1.0
4-30	do			1.82	1.0
5-10	do				0.0
8-14	do	16.4	1.13	2.35	18.6
8-23	do	16.6	1.26	2.40	20.9
9-11	do	14.4	1.50	2.20	22.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Wet Spotted Tail Creek—Sec. 10-23-56 W.					
Measurements Made at South Line—Sec. 3-23-56 W.					
11-19	F. F. LeFever	9.4	0.96	0.90	9.0
4-30	do	5.4	1.33	0.44	7.3
5-15	do	4.6	1.54	0.42	7.1
6-25	do	4.7	1.39	0.55	6.6
7- 9	do	2.4	0.95	0.30	2.2
8- 5	do	4.6	1.59	0.64	7.4
8-23	do	8.6	1.48	1.00	12.6
9-11	do	11.2	1.57	1.20	17.6
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Tub Springs—Sec. 27-23-55 W.					
Measurements Made at Intersection with Tri-State Canal					
11-19	F. F. LeFever	6.7	1.50	0.70	10.0
8-12	do	10.0	2.31	0.99	23.1
8-23	do	11.4	2.30	1.13	28.5
9-11	do	12.8	2.57	1.24	32.9
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Alliance Drain—Sec. 18-22-53 W.					
Measurements Made at Intersection with Tri-State Canal					
11-19	F. F. LeFever				3.0
7- 2	do				0.0
7-23	do				0.0
8-12	do	9.1	1.41	1.61	13.3
9-11	do	8.0	1.32	1.49	10.6
TRI-STATE CANAL—D-918, A-660, A-768					
Diverted from Moffat Drain—Sec. 25-22-53 W.					
Measurements Made at Intersection with Tri-State Canal					
7- 2	F. F. LeFever				0.0
9-11	do				0.0
TURKEY CREEK CANAL No. 1, No. 2—A-539, A-754					
Diverted from Turkey Creek—Sec. 35-33-23 W.					
Measurements Made at Headgate					
11- 3	A. E. Johnston				0.0
7-17	do				0.0
9-12	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
UNION CANAL—D-763					
Diverted from Blue Creek and Crescent Lake—A-1575— Sec. 18-16-42 W.					
Measurements Made at Rating Flume					
11-16	A. E. Johnston	5.1	1.05	1.90	5.4
3-30	do	10.0	0.87	1.68	8.7
4-23	A. W. Hall	10.3	0.94	1.85	9.7
5- 4	do			1.00	0.0
5- 9	A. E. Johnston				0.0
6-24	do				0.0
7- 2	do				0.0
7- 9	A. W. Hall	9.4	0.61	1.90	5.7
7-23	do	11.6	1.02	2.20	11.8
9- 6	do	12.9	1.15	2.30	14.9
9-25	A. E. Johnston	12.0	1.07	2.18	12.8
URBACH CANAL—D-308					
Diverted from Lodgepole Creek—Sec. 15-14-51 W.					
Measurements Made at Headgate					
6- 5	A. E. Johnston				0.0
WARBONNET CANAL—D-548					
Diverted from Warbonnet Creek—Sec. 21-33-56 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-15	Johnston-Rasmussen	3.6	1.82		6.6
6-17	do				0.0
7- 6	A. E. Johnston				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0
WARBONNET CANAL NO. 2—A-892					
Diverted from Warbonnet Creek—Sec. 20-33-56 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-15	Johnston-Rasmussen				0.0
6-17	do				0.0
7- 6	A. E. Johnston				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WARNEKE CANAL—D-505					
Diverted from Niobrara River—Sec. 27-31-57 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-16	do				0.0
6-18	do				0.0
7- 8	do				0.0
8- 3	do				0.0
WEARIN CANAL—A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W.					
Measurements Made at Rating Flume					
11-27	A. E. Johnston				0.0
4-20	do				0.0
5- 6	Hall-Hanna				0.0
6- 5	A. E. Johnston				0.0
7-21	Johnston-Hanna				0.0
8-28	A. E. Johnston				0.0
9-20	do				0.0
WESTERN CANAL—A-393, A-1804					
Diverted from South Platte River—Sec. 14-12-43 W.					
Measurements Made at Rating Flume					
10-25	A. E. Johnston	20.9	2.48		51.8
11-19	do	18.4	2.60	0.20	47.8
3-20	do	18.0	3.42		61.6
4-23	do	15.3	3.39		51.9
7-25	do	20.7	2.28	1.20	47.2
8-24	do	15.3	4.27	1.18	65.5
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 35-32-52 W.					
Measurements Made at Rating Flume					
10-31	A. E. Johnston	4.6	0.89		4.1
12- 1	do				0.0
4-13	do				0.0
4-17	do				0.0
5-16	do				0.0
6-15	do				0.0
7- 9	do				0.0
7-20	do				0.0
8- 2	Johnston-Rasmussen	2.6	0.85	0.77	2.2
8- 5	A. E. Johnston	3.6	0.83	0.96	3.0
9- 7	do	2.8	1.14	0.70	3.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WHITNEY PIPE LINE—A-1603, A-1604, A-1625, A-1626, A-1660, A-1787					
Diverted from White River—Sec. 26-32-52 W. Measurements Made at Intake					
10-31	A. E. Johnston				0.0
12- 1	do	13.0	1.54	1.10	20.0
1-15	do	11.0	1.83	1.05	20.1
2-12	do	14.3	2.00	1.05	28.6
3-15	do	16.7	2.10	1.15	35.1
4-17	do	15.2	2.08	1.10	31.7
5-14	do	14.1	2.12	1.08	29.8
6-14	do	9.0	1.19	0.55	10.7
7- 9	do			0.15	1.0
8- 2	Johnston-Rasmussen				0.0
9- 7	A. E. Johnston	3.8	0.61	0.38	2.2

WHITNEY PIPE LINE—A-1626
Diverted from White River—Sec. 26-32-52 W.
Measurements Made at Control Valve—Sec. 5-32-51 W.

10-31	A. E. Johnston				0.0
2-12	do	0.7	1.03		0.7
4-17	do				0.0
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	do				0.0
9- 7	do				0.0

WHITNEY PIPE LINE—A-1604, A-1660
Diverted from White River—Sec. 26-32-52 W.
Measurements Made at Control Valve—Sec. 4-32-51 W.

10-31	A. E. Johnston				0.0
4-17	do				0.0
5-14	do				0.0
6-14	do				0.0
7- 9	do				0.0
8- 2	Johnston-Rasmussen				0.0
9- 7	A. E. Johnston				0.0

WICKERSHAM CANAL, EAST—A-701, A-2204
Diverted from Boggy Creek—Sec. 31-33-54 W.
Measurements Made at Headgate

7- 6	A. E. Johnston				0.0
8- 3	Johnston-Rasmussen				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WICKERSHAM CANAL, WEST—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
7- 6	A. E. Johnston	0.8	1.06		0.8
8- 3	Johnston-Rasmussen				0.0
WILLOW CREEK CANAL—A-2488					
Diverted from Willow Creek—Sec. 15-14-35 W.					
Measurements Made at Headgate					
5- 7	A. E. Johnston	0.5	1.00		0.5
6-25	do	0.9	1.00	0.95	0.9
9-26	do				0.0
9-27	do	1.4	0.66		0.9
WINTERS CREEK CANAL—D-952					
Diverted from North Platte River—Sec. 17-22-55 W.					
Measurements Made at Rating Flume					
10- 3	F. F. LeFever				0.0
11-21	do	11.3	1.88	1.10	27.0
6-12	do	7.8	0.67	0.63	5.2
6-26	do	14.7	1.06	1.14	15.5
7-10	do	25.8	0.50	1.97	12.8
7-23	do	20.4	1.96	1.56	39.9
8- 6	do				1.5
8-22	do	20.9	2.51	1.61	53.0
8-27	do				1.5
WINTERS CREEK CANAL—D-952 (O. D. A-1446)					
Diverted from Winters Creek—Sec. 19-22-54 W.					
Measurements Made at Rating Flume					
11-22	F. F. LeFever	25.0	1.40	2.55	35.1
5-16	do	4.5	0.82	0.48	3.7
6-17	do	11.2	1.51	1.16	17.3
6-26	do	19.3	1.84	1.96	35.5
7-10	do	14.5	1.45	2.64	37.6
7-23	do	15.1	1.51	2.65	39.3
8- 1	LeFever-Hall-Boyer	26.8	2.66	2.64	71.2
8- 1	LeFever-Hall	22.3	2.47	2.24	55.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WINTERS CREEK CANAL—Concluded					
8-6	F. F. LeFever	27.1	1.82	2.75	49.3
8-14	do	20.3	2.48	2.05	50.3
8-23	do	9.3	1.47	0.96	13.6
8-27	do	20.4	2.58	2.06	52.5
8-29	do	25.2	2.23	2.54	56.3
9-9	do	20.5	2.36	2.07	48.5
9-12	do	22.0	2.34	2.21	51.4
9-21	do	26.2	2.86	2.64	75.0

WINTERS CREEK LATERAL—D-952 (O. D. A-1446)
 Diverted from Winters Creek—Sec. 19-22-54 W.
 Measurements Made at Headgate

10-2	F. F. LeFever				0.0
11-22	do	12.6	2.00	1.15	25.2
5-16	do	4.2	1.24	0.52	5.2
6-26	do	4.8	1.88	0.62	9.0
7-23	do	11.6	2.03	1.42	23.6
8-1	LeFever-Hall	4.6	0.73	0.38	3.4
8-6	F. F. LeFever	9.4	2.20	1.22	20.8
8-14	do	8.6	1.34	1.02	11.5
8-23	do	6.6	0.75	0.54	5.0
8-27	do	9.4	1.22	0.98	11.8
8-29	do	8.8	2.27	1.11	19.9
9-9	do	7.3	1.58	0.82	11.5
9-12	do	6.8	2.18	0.78	14.8
9-21	do				0.0

WINTERS CREEK CANAL—D-952
 Diverted from Scottsbluff Drain No. 1—Sec. 14-22-55 W.
 Measurements Made at Intersection with Winters Creek Canal

8-6	F. F. LeFever	3.2	0.76		2.5
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WOLFE CANAL—D-813
 Diverted from Lodgepole Creek—Sec. 18-13-45 W.
 Measurements Made at Headgate

11-16	A. E. Johnston				0.0
6-4	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Concluded
Year Ending September 30, 1935

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WOODRUFF CANAL—D-536					
Diverted from Jim Creek—Sec. 14-33-57 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-15	Johnston-Rasmussen	0.4	1.02		0.5
7- 6	A. E. Johnston				0.0
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0
YOUNG CANAL—D-349					
Diverted from Lodgepole Creek—Sec. 33-15-57 W.					
Measurements Made at Headgate					
5- 7	A. W. Hall				0.0
ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek—Sec. 34-33-55 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-16	do	1.8	1.42		2.6
6-17	do				0.0
7- 6	do	0.6	1.04		0.6
8- 3	Johnston-Rasmussen				0.0
9- 6	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS
Year Ending September 30, 1936

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. 3-5-38 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston				0.0
11-27	do				0.0
3-30	do				0.0
4-30	do				0.0
6- 3	do				0.0
6-28	do	3.5	0.97	1.65	3.4
7-25	do				0.0
9-21	do				0.0
AIREDALE CANAL NO. 1—A-698, A-1380					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made at 5.5 Foot Weir					
10-18	A. E. Johnston				0.0
11-22	do				0.0
3-25	do				0.0
4-24	do				0.0
4-25	do				0.0
5-28	do				0.0
7-22	do				0.0
9-15	do	0.9	1.00		0.9
AIREDALE CANAL NO. 2—A-699, A-1133					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-22	do				0.0
3-25	do				0.0
4-24	do				0.0
5-28	do				0.6
7-22	do				0.0
AIREDALE CANAL NO. 3—A-1508					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-22	do				0.0
3-25	do				0.0
4-24	do				0.0
5-28	do				0.0
7-22	do				0.0
9-15	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft
ALFALFA CANAL—D-738					
Diverted from North Platte River—Sec. 1-15-42 W. Measurements Made at Rating Flume					
16- 1	A. E. Johnston				0.0
11-19	do				0.0
5-15	A. W. Hall	9.2	1.57	0.27	14.4
5-26	do	17.2	1.33	0.75	22.8
6-16	do	8.9	1.68	0.25	14.9
9-30	A. E. Johnston				1.0
ALLEN-LARNED CANAL—D-117					
Diverted from Buffalo Creek—Sec. 18-1-40 W. Measurements Made at Headgate					
10-26	A. E. Johnston				0.0
11-29	do				0.0
4- 2	do				0.0
5- 5	do				0.0
6- 8	do				0.0
7- 1	do				0.0
7-30	do	7.6	0.67		5.1
9-25	do	3.8	0.92		3.5
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- 4	F. F. LeFever	7.8	1.07	1.07	8.3
10-17	do				0.0
5-28	M. C. Boyer	15.9	1.92	2.06	30.5
8- 7	do	15.4	0.95	2.07	11.7
9-10	Hervert-Boyer	15.0	0.57	2.04	8.6
ALLIANCE CANAL—D-874, (O. D. A-1429)					
Diverted from Red Willow Creek—Sec. 6-20-51 W. Measurements Made at Rating Flume					
10- 4	F. F. LeFever	26.8	1.06	2.23	28.6
10-17	do	18.8	0.66	1.54	12.5
10-31	do	19.4	0.59	1.64	11.6
11- 6	do	21.5	0.53	1.70	11.4
11-23	do				0.0
5- 5	M. C. Boyer	20.7	0.87	1.85	17.9
5-28	do	28.5	0.95	2.14	27.1
8- 7	do	28.3	1.29	2.46	36.6
8-28	do	36.9	1.19	2.75	44.2
9-10	Hervert-Boyer	25.3	1.52	2.24	38.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ALLIANCE CANAL—A-418, (O. D. A-2088)					
Diverted from Camp Clark Seep—Sec. 9-20-51 W.					
Measurements Made at Headgate					
5-28	M. C. Boyer	2.8	0.75		2.2
8-24	do	3.0	1.80	0.50	5.4
9-10	Hervert-Boyer	5.8	1.26	2.00	7.3
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
Measurements Made at Headgate					
3-27	A. E. Johnston	3.2	1.87		6.0
4-27	do				0.0
5-30	do	0.4	0.20		0.1
9-17	do	0.6	0.50		0.3
ATKINS-POLLY CANAL—D-342, D-344,					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10-18	A. E. Johnston	2.0	0.95		1.9
11-22	do				0.0
3-26	do				0.0
4-25	do				0.0
5-29	do	1.1	0.90	0.23	1.0
6-24	A. W. Hall				0.0
7-23	Johnston-Forsling	1.6	0.63	0.44	1.0
9-16	A. E. Johnston	2.6	0.42	0.54	1.1
BARBER CANAL—D-754, A-1111					
Diverted from Clear Creek—Sec. 29-16-41 W.					
Measurements Made at Rating Flume					
10- 4	A. E. Johnston				0.0
10-15	do	2.8	0.87	0.90	2.4
10-31	A. W. Hall	5.8	0.95	0.30	5.5
11-19	A. E. Johnston				0.0
6-16	A. W. Hall	2.8	2.14	0.70	6.0
8- 5	A. E. Johnston	2.7	2.38	0.68	6.4
8-22	do	4.0	2.48	1.05	9.9
BARDEN PUMP—A-2086					
Diverted from Spring Creek—Sec. 11-18-52 W.					
Measurements Made Below Open Pipe					
5- 8	A. E. Johnston				0.0
9-28	do	1.8	1.00		1.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BARRETT CANAL—D-334					
Diverted from Lodgepole Creek—Sec. 32-14-46 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do	6.1	1.14		7.0
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
BARRON CANAL, WEST—D-438-R.					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made near Headgate					
11- 1	A. E. Johnston				0.0
12- 4	do				0.0
3-13	do	0.2	1.10		0.2
4-16	do				0.0
5-16	do				0.0
6-15	do				0.0
7-13	do				0.0
9- 1	do				0.0
BARRON CANAL, EAST,—A-2024					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made near Headgate					
11- 1	A. E. Johnston	1.6	0.75		1.2
12- 4	do	1.4	1.00		1.4
1-14	do	1.8	1.50		2.7
3-13	do	2.4	1.61		4.0
4-16	do				0.0
5-16	do				0.0
6-15	do				0.0
7-13	do				0.0
9- 1	do				0.0
BEATTY LATERAL—A-2145					
Diverted from Platte River—Sec. 18-10-23 W.					
Measurements Made at Headgate from Strever Creek—Sec. 4-9-21 W.					
10-10	A. E. Johnston	10.9	0.85		9.3
9- 9	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BEERLINE CANAL—D-887					
Diverted from North Platte River—Sec. 24-19-49 W.					
Measurements Made at Rating Flume					
10-18	F. F. LeFever	4.7	1.13		5.3
11- 2	do				4.0
11-16	do				1.0
11-21	A. E. Johnston	1.8	0.44	0.50	0.8
5-25	A. W. Hall	1.8	0.78	0.43	1.4
6-15	do	10.2	0.97	1.20	9.9
BEERLINE CANAL—D-887					
Diverted from North Platte River—Sec. 24-19-49 W.					
Measurements Made below Wastegate					
7-18	A. E. Johnston	13.5	0.36	1.33	4.9
BELMONT CANAL—D-828, D-858, A-866					
Diverted from North Platte River—Sec. 18-20-51 W.					
Measurements Made at Rating Flume					
10- 4	F. F. LeFever	55.5	1.56	0.52	86.5
10-15	do			0.08	10.0
11-14	do				0.0
11-23	do				0.0
4-28	M. C. Boyer	44.0	1.51	0.46	66.3
5-25	Boyer-Johnston	34.3	1.08	0.30	37.2
6- 8	M. C. Boyer	70.0	1.80	0.78	125.7
6-12	do	68.1	1.62	0.67	110.0
6-30	do	84.3	2.02	0.96	170.3
7- 8	do	68.4	1.47	0.60	100.2
8- 7	do	88.8	2.16	1.06	191.7
8-20	do	74.0	1.68	0.67	124.0
9-15	do	69.8	1.41	0.60	98.2
9-29	do	72.5	1.27	0.64	91.9
BELMONT FEEDER—A-1397					
Diverted from Cedar Creek—Sec. 23-18-48 W.					
Measurements Made About 200 Feet Above Junction					
11-21	A. E. Johnston				0.0
5- 4	A. W. Hall	5.4	1.33	1.02	7.3
5-26	do	5.7	1.12	0.72	6.4
6-15	do	5.5	1.16	0.74	6.4
7-18	A. E. Johnston	6.4	0.86	0.92	5.5
9- 9	A. W. Hall	9.7	0.84	1.25	8.1
9-19	M. C. Boyer	10.3	1.00		10.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BENDIX CANAL—A-189, A-1669					
Diverted from Sand Creek—Sec. 35-33-53 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston	0.5	1.00		0.5
5-16	do	0.1	0.34		0.1
6-16	do				0.0
BENNETT RESERVOIR CANAL—A-691, A-1975					
Diverted from Lodgepole Creek and Bennett Reservoir—A-657, A-1974,—Sec. 22-15-55 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-23	do				0.0
3-27	do				0.0
4-27	do				0.0
5-29	do			12.00	0.0
5-29	do	2.0	0.36	0.87	0.7
9-17	do	2.4	0.42	0.80	1.0
BENNETT CANAL—A-1249					
Diverted from Niobrara River—Sec. 1-28-54 W.					
Measurements Made at Headgate					
5-15	A. E. Johnston				0.0
BICKEL CANAL—D-347, A-719, A-724					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10-18	A. E. Johnston	1.4	0.38	0.40	1.2
11-22	do				0.0
3-26	do				0.0
4-25	do				0.0
5-29	do				0.0
6-24	A. W. Hall				0.0
7-23	Johnston-Forsling	1.0	1.00	0.35	1.0
9-16	Johnston-Hanna	1.7	0.76	0.44	1.3
BIGELOW-SEYMOUR CANAL—D-510					
Diverted from Niobrara River—Sec. 19-31-57 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-20	do				0.0
5-13	do				0.0
6-17	do				0.0
7-15	do				0.0
8-29	do	0.5	0.60		0.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BIRD CAGE-QUINN—D-892, A-1561					
Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston				0.0
11-22	do				0.0
1-23	do				0.0
5- 7	do				0.0
5-27	do				0.0
6-11	do				0.0
8- 7	do	3.2	0.59	1.00	1.9
8-26	do				0.0
9-14	do				0.0
9-28	do				0.0
BIRDWOOD CANAL—D-646					
Diverted from Birdwood Creek—Sec. 35-15-33 W.					
Measurements Made at Rating Flume					
10- 3	A. E. Johnston	7.6	1.10	0.62	8.4
10-14	do	7.2	1.04	0.58	7.5
11-18	do				0.0
5- 6	A. W. Hall	7.6	1.03	0.55	7.8
6-18	do	7.2	1.03	0.50	7.4
7- 3	do	20.8	1.60	1.42	33.3
7-16	do	18.9	1.54	1.30	29.1
9-11	A. E. Johnston	20.5	1.42	1.55	29.2
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- 4	A. E. Johnston	22.7	1.32	1.85	30.0
10-15	do	22.8	1.39	1.83	31.8
10-31	A. W. Hall	21.6	1.27	1.80	27.5
11-19	A. E. Johnston				0.0
5- 4	A. W. Hall	8.2	1.31	0.65	10.7
5-12	do	10.1	1.43	0.87	14.4
5-26	do	25.0	1.57	2.10	39.3
6-16	do	24.7	1.77	1.99	43.7
8-22	A. E. Johnston	20.1	1.72	1.61	34.5
9-12	do			0.20	5.0
9-22	M. C. Boyer	19.2	1.65	1.56	31.6
9-30	A. E. Johnston	24.0	1.70	1.95	40.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BLUHM CANAL—A-1811					
Diverted from Lodgepole Creek—Sec. 36-14-48 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do	1.7	1.00		1.7
4-28	do	3.2	1.47		4.7
5-11	do	1.2	1.89		2.4
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
BOARDMAN CANAL—A-2506					
Diverted from Boardman Creek—Sec. 33-30-32 W.					
Measurements Made Below Headgate					
7- 7	A. E. Johnston	2.6	0.50		1.3
BOELUS POWER CANAL—A-1373					
Diverted from Middle Loup River—Sec. 30-13-12 W.					
Measurements Made at U. P. R. R. Bridge at Boelus					
10- 9	A. E. Johnston	209	1.79	6.00	374.0
10-20	H. H. Odell	225	1.81	6.11	407.1
11-13	A. E. Johnston	229	1.96	6.10	449.0
11-27	L. F. Hanks			3.60	0.0
12-20	A. W. Hall				0.0
1- 3	A. E. Johnston	199	1.45	5.90	289.0
1-24	H. P. Eisenhuth	196	0.99	6.45	195.0
3-19	L. R. Sawyer	156	2.14	5.88	334.0
4-18	H. P. Eisenhuth	179	2.17	5.97	389.0
5-18	H. H. Odell	189	1.95	5.99	368.0
6-16	do	198	1.95	5.94	387.0
7-16	C. B. Ham	206	2.03	5.85	419.2
8-18	do	219	1.92	5.80	422.0
9-27	do				0.0
BOTH CANAL (NORTH)—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements Made at Rating Flume					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do				0.0
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BOOTH CANAL (SOUTH)—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements Made at Rating Flume					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do				0.0
6- 1	do	1.0	0.95	0.95	3.8
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
BORDWELL CANAL—D-302					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
3-28	A. E. Johnston	0.5	1.50		0.9
4-27	do				0.0
6- 1	do				0.0
8- 1	do				0.0
9-18	do				0.0
BORDWELL CANAL—D-303					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
3-28	A. E. Johnston	2.5	1.68		4.2
4-27	do				0.0
6- 1	do				0.0
8- 1	do				0.0
9-18	do				0.4
BORQUIST CANAL—D-301					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-27	do				0.0
6- 1	do				0.0
8- 1	do	2.2	0.27		0.6
9-18	do	0.2	0.20	0.05	0.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
J. S. BOURETT CANAL—A-546					
Diverted from the Niobrara River—Sec. 19-30-56 W. Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-20	do				0.0
5-13	do				0.0
6-17	do				0.0
7-15	do				0.0
8-29	do				0.0
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- 8	F. F. LeFever	21.6	1.63	1.12	35.2
5- 7	M. C. Boyer	18.2	1.57	1.00	28.6
5-25	do			0.81	24.9
5-28	do	35.9	1.48	1.85	53.3
6-27	do	57.5	1.49	2.90	85.6
7- 7	do	44.1	1.45	2.17	63.8
7-13	do				2.0
7-22	do	27.9	1.72	1.31	48.1
7-23	do	27.5	1.66	1.22	45.7
7-29	do	33.0	1.68	1.52	55.3
8-10	Hervert-Boyer-Thatcher	46.6	1.52	2.36	70.8
8-20	M. C. Boyer	49.8	1.59	2.44	79.2
9- 2	do	48.8	1.52	2.36	74.5
9-15	do	43.7	1.51	2.08	66.3
9-23	do			2.51	74.8
BULLOCK CANAL—D-296					
Diverted from Lodgepole Creek—Sec. 3-13-46 W. Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
4- 4	do				0.0
4-28	do	4.2	0.86		3.6
6- 1	do				0.0
7- 3	do	2.9	0.52		1.5
8- 1	do				0.0
9-18	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BULLOCK CANAL—A-437					
Diverted from Lodgepole Creek—Sec. 4-13-46 W. Measurements Made below Headgate					
4-28	A. E. Johnston				0.0
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
BUSHNELL CANAL—A-504					
Diverted from Lodgepole Creek—Sec. 2-14-58 W. Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-26	do				0.0
4-25	do				0.0
5-29	Johnston-Bushnell				0.0
7-23	Johnston-Forsling	3.3	0.85	0.95	2.8
9-16	Johnston-Hanna	3.7	1.68	1.05	6.2
CALADONIA CANAL—A-1681, A-1683					
Diverted from Jim Creek and Caladonia Reservoir, A-1680 Sec. 13-33-57 W. Measurements Made at Headgate					
4-17	Johnston-Rasmussen				0.0
5-14	A. E. Johnston				0.0
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
CAPRON CANAL—D-890					
Diverted from Greenwood Creek—Sec. 15-18-50 W. Measurements Made at Headgate					
10-17	A. E. Johnston	1.6	0.84		1.3
11-21	do				0.0
4-22	do				0.0
5- 8	do				0.0
5-27	do				0.0
6-10	do				0.0
8-26	do				0.0
9-14	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CASTLE ROCK CANAL—D-921					
Diverted from North Platte River—Sec. 4-21-54 W.					
Measurements made at Rating Flume					
10-3	F. F. LeFever	40.1	1.50	3.06	60.5
10-17	do	5.8	0.82	1.88	4.8
10-30	do				0.0
5-5	M. C. Boyer	15.4	0.73	0.83	11.9
5-25	Boyer-Johnston	52.2	2.00	2.82	104.3
6-12	M. C. Boyer	12.8	0.73	0.90	9.5
6-30	do	46.8	1.86	2.56	87.2
7-17	do	31.3	1.54	1.70	48.2
7-21	do	41.3	1.87	2.21	77.1
8-6	do	43.6	1.85	2.37	80.6
8-22	do	45.0	1.90	2.40	85.3
9-5	do	41.8	1.86	2.28	77.8
9-16	do	46.8	1.86	2.50	86.8
9-29	do	30.6	1.51	1.67	46.3
CENTRAL CANAL—D-926					
Diverted from North Platte River and Pathfinder Reservoir—					
Sec. 36-22-55 W.					
Measurements made at Rating Flume					
10-17	F. F. LeFever			1.35	16.0
10-30	do			1.42	17.0
11-6	do			0.32	5.0
11-23	do	17.0	1.31	1.74	22.3
5-8	M. C. Boyer	5.0	0.78	0.50	3.9
5-28	do	17.8	2.38	1.64	42.4
6-12	do				0.0
6-30	do	17.2	2.44	1.52	41.9
7-6	do	16.5	1.36	0.98	22.3
7-14	do	19.0	1.73	1.02	32.8
7-17	do	14.3	1.81	0.92	26.0
8-6	do	20.5	1.09	0.70	22.5
8-29	do	16.8	2.10	1.61	35.4
9-3	do	13.5	2.50	1.28	33.8
9-16	do	11.7	2.60	1.12	30.4
CHAMPION CANAL—D-47					
Diverted from Frenchman River—Sec. 23-6-40 W.					
Measurements Made at Headgate					
10-22	A. E. Johnston	11.6	1.06		10.9
2-28	do	10.8	1.02	1.40	11.0
3-30	do	12.0	1.32	1.50	15.9
6-2	do	11.6	1.06	1.50	12.3
6-22	A. W. Hall				0.0
6-28	A. E. Johnston				0.0
7-25	Johnston-Foster				0.0
9-21	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CHAMPION CANAL—A-1108					
Diverted from Frenchman River—Sec. 23-6-40 W.					
Storing in Kilpatrick Reservoir					
Measurements Made Near Reservoir Inlet—Sec. 30-6-39 W.					
11-27	A. E. Johnston	12.5	1.72	1.65	21.5
1-25	do				0.0
4-30	do	11.7	1.61	1.50	18.9
6-22	A. W. Hall	7.4	0.92		6.8
CHIMNEY ROCK CANAL—D-844, D-1031					
Diverted from North Platte River and Pathfinder Reservoir—					
Sec. 1-20-53 W.					
Measurements made at Rating Flume					
10-4	F. F. LeFever	22.4	1.19	1.61	26.7
10-17	do	13.2	1.00	1.54	14.0
11-6	do			0.87	0.2
11-14	do				0.0
5-25	Johnston-Boyer	30.9	2.00	1.80	62.0
6-12	M. C. Boyer	10.6	1.33	0.72	14.2
6-30	do	31.4	2.10	1.82	66.1
7-28	do	22.0	2.05	1.25	45.2
8-7	do	28.0	1.85	1.59	52.1
9-5	do	31.6	1.87	1.78	59.3
9-16	do	33.5	2.09	1.91	70.0
9-29	do	24.8	1.50	1.43	37.1
CHRISTENSEN CANAL (NORTH)—D-367					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-27	do				0.0
4-27	do	3.5	1.09		3.8
5-30	do				0.0
9-17	do				0.0
CHRISTENSEN CANAL (SOUTH)—D-366					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-27	do				0.0
4-27	do	5.7	0.65		3.7
5-30	do	0.7	0.18		0.1
9-17	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CIRCLE ARROW CANAL—D-346					
Diverted from Lodgepole Creek—Sec. 30-15-54 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-23	do				0.0
3-27	do				0.0
4-27	do				0.0
5-29	do	2.9	1.63		4.9
9-17	do	2.3	1.43		3.3
CLEAR CREEK CANAL—D-748					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Rating Flume					
10- 4	A. E. Johnston				0.0
10-15	do	3.6	1.45	0.42	3.3
10-31	A. W. Hall				0.0
11-19	do				0.0
6-16	do	2.8	1.00	0.60	2.8
7- 9	do	3.2	1.47	0.65	4.7
8- 5	A. E. Johnston	3.2	1.03	0.31	3.3
8-22	do				0.0
CODY-DILLON CANAL—D-649					
Diverted from North Platte River—Sec. 9-14-31 W.					
Measurements Made at 10 foot Cipoletti Weir					
10- 2	A. E. Johnston			0.75	21.9
10-12	do			0.24	3.9
11-18	do			0.60	15.6
9-11	do			0.73	21.0
COFFEE CANAL (EAST)—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmussen	2.0	1.02		2.0
5-14	A. E. Johnston	1.9	1.02		2.0
6-18	do	2.2	1.18		2.6
7-15	do	0.7	0.71		0.5
8-29	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COFFEE CANAL (WEST)—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	2.3	1.48		3.0
4-17	Johnston-Rasmussen	1.7	0.75		1.3
5-14	A. E. Johnston	0.2	0.22		0.4
6-18	do				0.0
7-15	dc				0.0
8-29	dc				0.0
COLD WATER CANAL—D-796					
Diverted from Cold Water Creek—Sec. 26-18-46 W.					
Measurements Made Into Lisco and North River Canal					
10-16	A. E. Johnston	2.8	1.49	0.60	4.2
11-20	do	2.3	1.69	0.85	3.9
3- 4	A. W. Hall	1.6	0.81	0.30	1.3
4- 7	do	2.7	1.41	0.63	3.9
5- 1	do	2.6	1.23	0.58	3.2
5-25	do	2.8	1.25	0.47	3.5
6-15	do	1.9	1.21	0.49	2.3
7- 9	do	2.1	1.23	0.45	2.6
9-22	M. C. Boyer	2.6	1.41	0.31	3.7
9-29	A. E. Johnston	2.2	1.73	0.30	3.8
COOK CANAL NO. 1—D-980					
Diverted from Niobrara River—Sec. 1-28-56 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	1.0	1.00	0.10	1.6
4-20	do	2.7	0.56		1.5
5-15	do	3.9	1.18		4.6
6-17	do	2.5	0.88	0.71	2.2
7-16	do	3.7	0.43	1.05	1.6
8-28	do	2.9	0.59	1.02	1.7
COOPER CANAL—A-333					
Diverted from Squaw Creek—Sec. 36-32-52 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-15	do	1.3	1.00		1.3
6-16	do	1.0	0.25		0.2
7-14	do	0.4	0.47		0.2
8-31	do	0.4	0.13		0.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COOPER CANAL (EAST)—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston	2.8	0.57		1.8
3-12	do				0.0
4-16	do	0.6	1.16		0.7
6-16	do				0.0
7-14	do				0.0
8-31	do				0.0
COOPER CANAL (WEST)—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
3-12	do	4.1	0.30	1.80	1.2
4-16	do	3.8	0.58	1.40	2.2
5-15	do	4.3	0.22	1.45	1.0
6-16	do	4.1	0.22	1.20	0.9
7-14	do				0.0
8-31	do				0.0
COURT HOUSE ROCK CANAL—D-840, D-1028, A-851					
Diverted from Pumpkinseed Creek—Sec. 30-19-50 W.					
Measurements Made at Rating Flume					
10- 2	A. W. Hall	9.1	2.18	1.00	19.8
10-17	A. E. Johnston	8.2	1.89	0.92	15.5
11-22	do	13.5	2.08	1.42	28.1
12- 7	F. F. LeFever	12.6	2.08	1.40	26.2
4-23	A. E. Johnston				0.0
5- 7	do	7.7	3.00	0.82	23.0
5-27	do	5.3	2.44	0.62	12.9
6-11	do	10.0	2.16	1.11	21.7
7-22	do	3.5	2.64	0.40	9.2
8- 7	do	3.6	2.03	0.38	7.2
8-26	do	4.1	2.66	0.43	10.9
9-14	do	3.6	2.60	0.42	9.4
9-28	do	4.1	2.51	0.45	10.3
COZAD CANAL—D-626					
Diverted from Platte River and Sutherland Reservoir—					
Sec. 15-11-25 W.					
Measurements Made at Rating Flume—Sec. 13-11-25 W.					
10- 1	A. E. Johnston	101.4	1.19	2.52	120.6
10-11	do	70.0	1.11	1.60	77.7
11- 2	A. W. Hall	96.2	1.52	3.30	151.4
11-16	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COZAD CANAL—Concluded					
4-22	A. W. Hall	61.0	1.46	1.35	89.4
4-24	do	86.3	1.55	2.10	133.6
4-27	do	110.1	1.62	2.80	178.4
5- 8	do	88.5	1.60	2.18	141.2
6-19	do	22.8	1.27	0.73	29.0
7-23	Hall-Nosky	67.8	1.10	1.97	74.9
7-25	A. W. Hall	71.6	1.67	2.08	119.7
9- 9	A. E. Johnston				0.0
CRESCENT LAKE OUTLET CANAL—A-1575 Diverted from Crescent Lake—Sec. 21-20-44 W. Measurements Made at Headgate					
8-11	M. C. Boyer	17.0	1.43	1.68	24.3
8-11	Boyer-Mallett	20.8	2.02	2.03	42.0
CREWS CANAL NO. 2—A-1709 Diverted from Republican River—Sec. 20-1-41 W. Measurements Made at Headgate					
10-26	A. E. Johnston	0.8	0.50		0.4
11-29	do				0.0
5- 5	do	3.7	1.60		5.9
6- 8	do	5.4	2.19		11.8
7- 1	do	2.4	1.96		4.7
7-30	do	4.6	2.65		12.2
9-25	do	4.0	2.00		8.0
CREWS CANAL NO. 3—A-1826 Diverted from Republican River—Sec. 20-1-41 W. Measurements Made at Headgate					
10-26	A. E. Johnston				0.0
11-29	do				0.0
5- 5	do	4.3	1.74		7.5
6- 8	do	0.8	1.25		1.0
7- 1	do	1.3	1.85		2.4
7-30	do	4.1	1.77		7.3
9-25	do	4.2	2.06		8.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft
CRIGLER CANAL—D-861, A-486					
Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston				0.0
11-22	do				0.0
4-23	do	2.0	1.05		2.1
5- 8	do	0.3	0.33		0.1
5-27	do	1.9	1.08		2.0
6-11	do				0.0
7-21	do	0.4	0.75		0.3
8- 6	do	1.2	1.33		1.6
9-28	do	2.4	1.25		3.0
CULBERTSON CANAL—D-24, D-25, D-29, D-30					
Diverted from Frenchman River—Sec. 31-5-33 W.					
Measurements Made at Rating Flume					
10-23	A. E. Johnston	49.6	1.63	3.04	90.1
11-27	do				0.0
3-31	do				0.0
5- 1	do	51.2	2.06	3.22	106.3
6- 4	do	27.7	1.34	2.00	37.0
6-22	A. W. Hall	51.4	1.82	3.33	93.5
6-28	A. E. Johnston	47.8	2.03	2.96	96.8
7-24	do	48.0	1.66	2.99	79.7
9-22	do	49.6	1.97	3.14	97.5
DAWSON COUNTY CANAL—D-621, D-622, D-624. A-2039,					
A-2093, A-2110, A-2262					
Diverted from Platte River and Sutherland Reservoir—					
Sec. 18-10-23 W.					
Measurements Made at Rating Flume—Sec. 7-10-23 W.					
10- 1	A. E. Johnston	19.3	1.19	1.84	23.0
10-11	do	106.8	1.85	3.01	197.8
11-15	do				0.0
4-24	A. W. Hall	56.4	1.36	1.95	36.0
4-27	do	57.2	1.70	2.46	97.2
5- 8	do	109.2	2.12	3.15	231.3
5-29	do	118.8	1.83	3.25	217.0
6-19	do	52.3	1.44	2.24	75.5
7-15	do	42.0	1.85	2.33	77.5
7-16	Hall-Nosky	90.1	2.24	3.02	180.0
7-22	do	69.2	1.64	2.56	113.2
7-24	do	101.1	1.90	3.12	192.2
7-28	A. W. Hall	153.3	2.26	3.98	347.4
7-30	Hall-Nosky	184.0	2.16	4.12	397.6
8- 1	do	143.9	2.16	3.66	310.6
8- 7	do	52.2	1.54	2.40	80.4
9- 9	A. E. Johnston	1.2	0.43	1.55	0.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
DEEP CREEK CANAL, EAST—D-525, A-2335					
Diverted from Deep Creek—Sec. 9-30-53 W.					
Measurements Made at Headgate					
6-16	A. E. Johnston				0.0
DEEP CREEK CANAL, WEST—D-525, A-2335					
Diverted from Deep Creek—Sec. 9-30-53 W.					
Measurements Made at Headgate					
6-16	A. E. Johnston				0.0
DICKINSON CANAL—D-967					
Diverted from Lodgepole Creek—Sec. 33-14-47 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston	1.2	0.99		1.2
12- 2	do	1.3	1.46		1.9
3-28	do	1.4	1.64		2.3
4-28	do				0.0
6- 1	do	0.3	0.47		0.1
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
DICKINSON CANAL—D-969					
Diverted from Lodgepole Creek—Sec. 26-14-47 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
DODD-McDOWELL CANAL—A-1571					
Diverted from Dodd-McDowell Reservoir—A-1276—Sec. 13-32-53 W.					
Measurements Made at Headgate					
3-12	A. E. Johnston	2.0	0.86		2.5
4-16	do				0.0
5-16	do				0.0
6-16	do				0.0
7-11	do				0.0
8-31	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
DOUT BROTHERS CANAL—D-981					
Diverted from Jim Creek—Sec. 7-33-56 W.					
Measurements Made below Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmussen				0.0
5-14	A. E. Johnston	0.2	0.40		0.1
6-18	do	0.1	0.25		0.1
7-15	do				0.0
8-29	do	0.1	0.12		0.1
DOUT CANAL NO. 1—A-2000					
Diverted from Dout Reservoir No. 1—A-1999—Sec. 7-33-56 W.					
Measurements Made at Headgate					
3-10	A. E. Johnston	1.5	0.52		0.8
EARNEST CANAL NO. 1—D-514a					
Diverted from Niobrara River—Sec. 9-29-56 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	0.7	0.43	0.30	0.3
4-20	do	7.4	0.85	1.30	6.3
5-13	do	8.2	0.77	1.55	6.3
6-17	do	7.2	0.81	1.35	5.8
7-16	do	4.7	0.64	1.15	3.0
8-29	do	4.8	0.94		4.5
EARNEST CANAL NO. 2—D-514b					
Diverted from Niobrara River—Sec. 9-29-56 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	5.3	1.60		8.5
4-20	do	8.7	1.04		9.0
5-13	do	0.2	0.36		0.1
6-17	do				0.0
7-16	do				0.0
8-29	do				0.0
ELM CREEK CANAL—A-2104					
Diverted from Platte River—Sec. 6-8-19 W.					
Measurements Made at Bridge—Sec. 33-9-19 W.					
10-10	A. E. Johnston	14.1	0.99	2.12	14.0
11-15	do			1.00	0.0
7-28	A. W. Hall	25.2	1.13	2.59	27.6
7-29	do	38.4	0.96	2.72	36.9
7-30	Hall-Nosky	32.6	0.87	2.79	28.2
9-9	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ELM CREEK CANAL—A-2104					
Diverted from Platte River—Sec. 6-8-19 W.					
Measurements Made at Highway No. 30—Sec. 26-9-19 W.					
7-28	A. W. Hall	31.4	0.48	1.72	15.2
7-29	do	34.7	0.52	1.95	17.9
7-30	do	36.6	0.55	2.08	20.0
ELM CREEK CANAL—A-2104					
Diverted from Platte River—Sec. 6-8-19 W.					
Measured at Buffalo Creek Siphon—Sec. 34-9-19 W.					
7-30	Hall-Nosky	39.6	0.72		28.7
8- 3	do	45.1	0.80		36.1
ELM CREEK CANAL—A-2104					
Diverted from Platte River—Sec. 6-8-19 W.					
Measured at Elm Creek Siphon—Sec. 20-9-18 W.					
7-28	A. W. Hall	5.1	1.28		6.9
7-29	do	9.3	0.98		9.1
EMPIRE CANAL—D-858, A-866					
Diverted from North Platte River—Sec. 18-20-51 W.					
Measured at Rating Flume—Sec. 20-20-51 W.					
5-25	Boyer-Johnston	5.0	0.78	0.38	3.9
6- 8	M. C. Boyer	14.8	1.23	1.23	10.0
6-30	do	13.4	1.43	1.22	19.2
8- 7	do	13.2	1.50	1.45	19.8
8-28	Hervert-Boyer	6.4	1.05	0.75	6.7
9-15	do	6.8	1.23	0.82	8.4
ENTERPRISE CANAL—D-920					
Diverted from North Platte River—Sec. 27-23-57 W.					
Measurements Made at Rating Flume					
10- 1	F. F. LeFever	21.3	2.90	0.65	70.3
10-30	do	31.6	1.86	0.46	64.2
11-13	do				0.0
4-16	M. C. Boyer	26.8	3.60	0.71	96.2
4-23	do	31.8	1.93	0.41	61.3
5- 8	do	36.3	2.12	0.60	77.1
5-21	do	41.4	2.40	1.05	106.7
6-11	do			-0.02	0.2
6-24	do	28.1	2.91	0.94	81.7
7- 1	do	23.2	3.26	0.79	75.6
7-16	do	18.3	3.17	0.67	68.0
7-23	do	27.4	3.22	0.88	88.0
8- 1	do	35.7	2.02	0.77	72.1
8-18	do	36.6	1.98	0.80	72.3
9- 3	do	36.6	1.90	0.84	69.5
9-16	do	36.4	1.85	0.76	67.2
9-30	do	34.0	1.85	0.74	63.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ENTERPRISE CANAL—D-920					
Diverted from Morrill Drain—Sec. 13-25-57 W.					
Measurements Made above Intersection with Enterprise Canal.					
10- 2	F. F. LeFever	4.1	0.65		2.7
1-23	M. C. Boyer				0.5
5-22	do				0.5
6-11	do				1.0
7- 3	do	5.4	0.32		1.7
7-15	do	5.4	0.51		3.0
8- 1	do	6.0	0.42		2.6
9- 4	do	4.0	1.15		4.6
9-17	do				1.0
ENTERPRISE CANAL—D-920					
Diverted from Stewart Drain—Sec. 13-23-57 W.					
Measurements Made above Intersection with Enterprise Canal					
10- 2	F. F. LeFever				0.8
4-23	M. C. Boyer				0.5
5-22	do				0.0
7- 3	do				0.0
7-15	do				0.0
9- 4	do				0.0
ENTERPRISE CANAL—D-920					
Diverted from Dry Spotted Tail Creek—Sec. 21-23-56 W.					
Measurements Made above Intersection with Enterprise Canal					
7- 3	M. C. Boyer				0.0
ENTERPRISE CANAL—D-920					
Diverted from Wet Spotted Tail Creek—Sec. 22-23-56 W.					
Measurements Made above Intersection with Enterprise Canal					
10- 1	F. F. LeFever	6.6	1.40		9.2
4-23	M. C. Boyer	5.8	0.75		4.4
5- 8	do	5.1	0.83		4.2
5-22	do	6.1	1.16		7.4
6-12	do	4.2	1.35		5.6
6-24	do	5.6	1.11		6.2
7- 3	do	7.2	0.92		6.6
7-14	do	5.6	1.32		7.4
8- 5	do	8.0	1.34		10.8
8-19	do	6.2	1.35		8.4
9- 4	do	7.7	1.17		9.0
9-16	do	7.7	1.08		8.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ENTERPRISE CANAL—D-920					
Diverted from Tub Springs—Sec. 33-23-55 W.					
Measurements Made above Intersection with Enterprise Canal					
10- 1	F. F. LeFever	15.6	1.53		23.9
5-23	M. C. Boyer	36.4	0.72		26.0
6-17	do	22.2	1.16		32.4
6-24	do	29.5	1.20		35.5
7- 3	do	36.2	0.96		29.7
7-14	do	29.8	1.02		40.5
7-23	do	25.5	0.81		20.7
8- 5	do	30.0	0.79		21.0
8-19	do	17.4	1.11		19.3
9- 4	do	18.7	0.99		18.4
9-17	do	18.7	1.18		22.0

EXCELSIOR CANAL—D-568, A-2264
 Diverted from Niobrara River—Sec. 10-28-52 W.
 Measurements Made at Headgate

10-30	A. E. Johnston	3.7	0.46		1.7
4-21	do				0.0
5-15	do	6.4	0.92		5.9
6-19	do	2.0	0.20		0.4
7-16	do	2.4	0.24		0.6
8-28	do	2.6	0.17		0.4

FARMERS CANAL—D-10
 Diverted from Frenchman River—Sec. 11-3-32 W.
 Measurements Made at Headgate

10-23	A. E. Johnston	9.2	0.44	1.70	4.0
11-27	do				0.0
3-31	do				0.0
5- 1	do				0.0
5- 4	do	14.2	0.82	2.00	11.6
6- 4	do				0.0
6-22	A. W. Hall				0.0
6-28	A. E. Johnston	12.9	0.40	2.25	5.2
7-25	do				0.0
9-22	do				0.0

FENDRICH CANAL, NORTH—A-616
 Diverted from Niobrara River—Sec. 32-29-48 W.
 Measurements Made at Headgate

5-12	A. E. Johnston				0.0
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
FINCH CANAL—D-964					
Diverted from Clear Creek—Sec. 4-15-41 W. Measurements Made at Headgate					
10- 4	A. E. Johnston				0.0
10-15	do				0.0
11-12	do				0.0
9-12	do				0.0
FOLLETT-KROTTER CANAL—A-705, A-720, A-975, A-2294					
Diverted from Frenchman River—Sec. 35-5-34 W. Measurements Made at Rating Flume					
10-23	A. E. Johnston				0.0
11-27	do				0.0
3-31	do	5.4	2.97	0.90	16.0
5- 1	do	5.4	3.22	0.90	17.4
6- 4	do				0.0
6-22	A. W. Hall	3.4	2.68	0.60	9.1
6-28	A. E. Johnston				0.0
7-25	do				0.0
9-22	do				0.4
FRENCH DITCH—A-1149, A-1433, A-1581					
Diverted from North Platte River—Sec. 9-23-60 W., Wyoming Measurements Made Through Submerged Orifice					
10-11	M. E. Ball				1.5
10-22	F. F. LeFever				2.0
4-13	M. E. Ball				0.0
4-22	do				0.0
4-27	do				0.0
5-14	do			2.35-1.80	30.6
5-23	do			2.08-1.68	18.9
5-27	do			2.90-2.33	21.1
6-17	do			1.50-1.46	4.2
6-23	do			2.88-2.53	17.7
7- 2	do			2.58-2.18	18.9
7-23	Meeker-Ball			2.70-2.20	21.1
7-27	M. E. Ball			2.75-2.32	19.6
8- 5	do			2.60-2.16	19.8
8-11	do			2.66-2.25	19.1
8-21	do			2.62-2.26	17.7
8-28	do			2.72-2.30	19.3
9-16	do			2.62-2.26	17.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-29	A. E. Johnston				0.0
4-21	do				0.0
5-12	do				0.0
6-12	do				0.0
7-17	do	3.1	0.26		0.9
8-27	do				0.0
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-29	A. E. Johnston				0.0
4-21	do				0.0
5-12	do				0.0
6-12	do				0.0
8-27	do	0.4	0.35		0.1
GALLUP CANAL—D-426					
Diverted from Chadron Creek—Sec. 15-33-49 W.					
Measurements Made at Headgate					
11- 2	A. E. Johnston				0.0
12- 4	do	0.4	0.45		0.2
4-15	do				0.0
5-18	do				0.0
6-15	do				0.0
7-13	do				0.0
9- 1	do				0.0
GERING CANAL—A-365					
Diverted from North Platte River and Pathfinder Reservoir—					
Sec. 4-23-58 W.					
Measurements Made at Rating Flume					
10-16	F. F. LeFever	70.8	2.52	2.19	178.1
10-29	do	54.9	2.26	1.71	124.5
11-12	do	65.6	2.30	2.08	151.5
12- 3	do				0.0
3-21	M. C. Boyer	71.0	2.52	2.25	178.8
4- 8	do	62.2	2.33	2.00	144.9
4-23	do	62.8	2.47	2.09	155.0
4-30	do	49.4	2.20	1.53	108.6
5- 7	do	47.1	2.28	1.44	107.4
5-12	J. A. Keimig			1.39	105.0
5-15	M. C. Boyer	47.1	2.48	1.51	116.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
GERING CANAL—Concluded					
5-18	A. W. Hall	48.2	2.41	1.47	115.9
6- 4	M. C. Boyer	67.8	2.30	2.05	155.7
6-10	do	30.0	2.56	0.95	77.0
7- 2	do			0.40	5.0
7-11	do	57.0	2.50	1.82	142.5
7-13	J. A. Whiting			1.72	137.0
7-15	M. C. Boyer	51.1	2.17	1.72	133.1
7-19	do	41.7	2.44	1.32	101.8
7-27	do	34.6	2.72	1.08	94.1
7-30	J. A. Whiting			0.78	66.0
7-31	M. C. Boyer	47.0	1.62	0.92	76.5
8- 4	J. A. Whiting			0.94	74.3
8-18	M. C. Boyer	49.2	1.59	1.00	78.4
8-27	do	48.0	1.72	1.02	82.8
8-29	do	49.3	1.65	1.03	81.4
GERING CANAL—A-365					
Diverted from North Platte River—Sec. 4-23-58 W.					
Measurements Made at Rating Flume—Bad Lands—Upper Station NW¼, Sec. 29-22-55 W.					
11-23	F. F. LeFever			0.85	73.9
12- 4	do			0.28	12.8
5- 8	M. C. Boyer	73.6	1.81	1.46	135.3
7-15	do	61.6	1.97	1.06	121.4
7-27	do	42.4	1.79	0.36	76.0
GIFFORD CANAL—A-711					
Diverted from Pumpkinseed Creek and Reservoirs Nos. 1, 2, 3 (Scott's Reservoir)—A-711—Sec. 7-19-55 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-22	do				0.0
2-25	do				0.0
3-25	do				0.0
4-24	do				0.0
5-28	do				0.0
7-22	do	0.2	0.23		0.1
9-15	do				0.0
GOCHNAUER CANAL—A-2420					
Diverted from Big Bordeaux Creek—Sec. 10-33-48 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-18	do				0.0
6-22	do				0.0
7-13	do				0.0
9- 1	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
GOTHENBURG DIVERSION CANAL—D-645a, D-645b					
Diverted from Platte River—Sec. 29-12-26 W.					
Measurements Made at Rating Flume—Sec. 28-12-26 W.					
10- 1	A. E. Johnston	84.0	2.87	2.05	241.1
10-11	do	66.3	2.54	1.72	167.7
11-16	do			1.00	0.0
12-21	A. W. Hall			0.00	0.0
1-23	do			2.70	0.0
2-25	do			2.70	0.0
3- 9	do	44.2	1.71	1.14	75.4
3-19	do	21.8	1.36	0.55	29.7
4-10	do	78.0	2.37	2.00	185.0
5-10	do	97.9	2.74	2.46	265.0
5-29	do	71.9	2.31	1.85	165.8
6-19	do	95.7	2.31	2.40	221.0
6-28	do	30.2	1.65	0.71	49.7
7- 2	do	56.1	2.02	1.38	113.3
7-14	do	95.4	2.46	2.39	234.6
9-10	do	27.3	1.25	0.68	34.2
GOTHENBURG IRRIGATION CANAL—D-645b.					
Diverted from Platte River and Sutherland Reservoir—Sec. 29-12-26 W.					
Measurements Made at Rating Flume—Sec. 3-11-25 W.					
10- 1	A. E. Johnston			2.70	27.7
10-11	do			3.12	46.1
11-16	do				0.0
4-22	A. W. Hall	69.0	1.89	3.20	130.5
4-24	do	71.2	1.97	3.61	142.3
5- 8	do	70.2	1.74	3.25	122.5
6-19	do	40.8	0.93	1.78	38.1
9- 9	A. E. Johnston				0.0
6-30	A. W. Hall	114.0	0.58	2.39	66.0
7- 2	do	58.8	1.31	2.62	77.1
7-18	do	44.7	0.97	2.10	43.5
7-20	do	84.4	1.60	3.68	134.5
7-22	do	54.9	1.28	2.45	70.6
GRAF CANAL—D-763R, D-781R, D-788					
Diverted from Blue Creek and Crescent Lake, A-1575					
Sec. 19-16-42 W.					
Measurements Made at Rating Flume					
10- 4	A. E. Johnston	15.8	1.26	1.69	* 20.0
10-15	do	12.9	0.97	1.36	12.5
10-31	A. W. Hall	9.0	0.97	1.10	8.7
11-19	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
GRAF COHENBURG IRRIGATION CANAL—Concluded					
5-26	A. W. Hall	18.0	1.11	1.90	20.0
6-16	do	11.2	1.22	1.28	13.7
7- 9	do	1.7	0.65	0.38	1.1
8-22	A. E. Johnston	31.4	1.51	2.16	32.4
9-12	do				0.0
9-22	M. C. Boyer	20.3	1.53	2.11	31.1
9-30	A. E. Johnston	14.2	1.20	1.56	17.0
HACKBERRY RESERVOIR CANAL—A-2289					
Diverted from Gordon Creek—Sec. 7-30-29 W. Measurement Made below Headgate.					
4-13	A. E. Johnston	4.4	0.45		2.0
5-21	do	5.2	0.21		1.1
HAIGLER CANAL—D-1025					
Diverted from Republican River—Sec. 2-1-43 W. Measurements Made at Headgate					
10-26	A. E. Johnston	26.0	1.00	2.60	26.1
11-20	do				0.0
4- 2	do				0.0
5- 5	do	15.7	1.57	1.60	24.7
6- 8	do				0.0
7- 1	do	8.3	1.21	0.92	10.1
7-30	do	12.9	1.45	1.42	18.7
9-25	do	13.4	1.36	1.40	18.2
HALE CANAL NO. 3—D-320					
Diverted from Lodgepole Creek—Sec. 36-14-49 W. Measurements Made below Headgate					
3-28	A. E. Johnston				0.0
HALE CANAL NO. 4—D-321					
Diverted from Lodgepole Creek—Sec. 36-14-49 W. Measurements Made below Headgate					
3-28	A. E. Johnston				0.0
HALE CANAL NO. 5—D-322					
Diverted from Lodgepole Creek—Sec. 36-14-49 W. Measurements Made below Headgate					
3-28	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

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					
11- 1	A. E. Johnston	9.4	1.23	2.50	11.6
3-12	do	7.1	0.94	1.20	6.7
4-16	do	7.5	1.20	2.35	9.0
5-18	do	5.3	1.57	0.80	8.3
6-16	do				0.0
6-20	do				0.0
8-31	do				0.0
HALLOWAY-PHELPS CANAL—D-717					
Diverted from White Tail Creek—Sec. 36-15-38 W.					
Measurements Made at Headgate					
10-14	A. E. Johnston				0.0
11-9	do				0.0
9-11	do				0.0
HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
10- 4	A. E. Johnston				0.0
10-13	do				0.0
10-31	A. W. Hall				0.0
11-19	A. E. Johnston				0.0
5- 4	A. W. Hall			0.18	0.2
HARRIS-COOPER CANAL—D-464a, D-464b, D-464c.					
Diverted from White River—Sec. 26-32-52 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
12- 4	do				0.0
1-14	do				0.0
4-16	do				0.0
5-16	do				0.0
6-15	do	7.2	1.75	0.90	12.6
6-20	do	7.2	1.61	0.86	11.6
7-13	do	4.6	1.98	0.53	9.1
7-14	do	3.7	1.92	0.45	7.1
8-29	do	3.3	1.88	0.38	6.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HARRIS-NEECE CANAL—D-517, A-2275					
Diverted from Niobrara River—Sec. 3-28-55 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	8.2	1.71	1.45	14.0
1-21	do				0.0
5-15	do	3.2	2.12	0.55	6.8
6-19	do	9.2	2.10		19.3
7-16	do	3.8	2.10	0.70	8.0
8-28	do	5.1	1.59	1.00	8.1
HARTZELL CANAL—D-448					
Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.					
Measurements Made at Headgate					
11- 4	A. E. Johnston				0.0
4-15	do				0.0
5-18	do				0.0
6-22	do				0.0
7-11	do	0.7	0.28		0.2
9- 1	do				0.0
HEARD CANAL—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-22	do				0.0
5-28	do				0.0
7-22	do				0.0
HIGH LINE CANAL—A-1682					
Diverted from Jim Creek—Sec. 13-33-57 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmussen				0.0
5-14	A. E. Johnston				0.0
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
HITSHEW CANAL—A-1260					
Diverted from Niobrara River—Sec. 6-28-52 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	6.6	0.53		3.6
4-21	do				0.0
5-15	do	5.7	1.10	1.95	6.3
6-19	do	4.2	0.50		2.1
7-16	do	2.6	0.92		2.4
8-28	do	1.2	0.11	1.05	1.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

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					
10- 3	A. E. Johnston	11.1	1.36	2.12	15.1
10-11	do	9.1	1.35	2.00	12.7
11-13	do				0.0
5- 5	A. W. Hall	5.2	1.33	1.45	6.9
6-17	do	1.9	1.08	0.25	2.0
9-12	A. E. Johnston	6.1	1.27	1.65	8.1
HOOPER CANAL—D-781, D-788R.					
Diverted from Blue Creek and Crescent Lake—A-1575, Sec. 6-16-42 W.					
Measurements Made at Rating Flume					
10- 4	A. E. Johnston	7.2	1.60	1.42	11.5
10-15	do	8.0	1.65	1.56	13.2
10-31	A. W. Hall	4.0	1.07	0.80	4.3
11-19	A. E. Johnston				0.0
5- 4	A. W. Hall	3.6	0.95	0.71	3.4
5-15	do	7.5	1.63	1.50	12.2
5-26	do	7.0	1.66	1.10	11.6
6-16	do	7.3	1.80	1.45	13.0
8-22	A. E. Johnston	7.8	1.92	1.52	15.0
9-12	do				0.0
9-22	M. C. Boyer	7.2	1.85	1.42	13.1
9-20	A. E. Johnston	7.0	1.86	1.36	13.0
HOOVER CANAL—D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston	1.8	0.88	0.80	4.2
11-23	do	2.7	0.93	1.30	2.5
3-26	do				0.0
4-25	do				0.0
5-29	do				0.0
7-23	Johnston-Forsling	4.8	0.35	1.20	1.7
9-16	Johnston-Hanna				0.0
HOPEFUL CANAL—A-2135					
Diverted from Lawrence Fork Creek—Sec. 1-18-52 W.					
Measurements Made at Headgate					
3-24	A. E. Johnston	3.5	2.08		7.3
4-23	do				0.0
5- 8	do	2.3	1.71		4.0
5-27	do				0.0
6-11	do				0.0
7-21	do				0.0
8- 6	do				0.0
9-28	do				0.0

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HORSE CREEK CANAL—D-159, D-173					
Diverted from Horse Creek—Sec. 23-1-39 W.					
Measurements Made at Headgate					
5- 5	A. E. Johnston				0.0
6- 8	do				0.0
7- 1	do				0.0
7-30	do				0.0
HOWARD CANAL—D-336, A-1645					
Diverted from Lodgepole Creek—Sec. 31-14-47 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do				0.0
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
HUGHES CANAL—D-987a, D-987b,					
Diverted from Niobrara River—Sec. 1-28-52 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	2.4	0.72		1.7
4-21	do				0.0
5-15	do	3.8	1.08		4.1
6-19	do				0.0
7-16	do			0.85	0.5
8-28	do	2.5	0.44	1.05	1.1
HURLEY-LILLY-POLLY CANAL—D-354					
Diverted from Lodgepole Creek—Sec. 26-15-56 W.					
Measurements Made at Rating Flume.					
10-18	A. E. Johnston	3.5	1.33	0.68	4.7
11-23	do				0.0
3-26	do				0.0
4-25	do				0.0
5-29	do	5.1	0.67	0.35	3.4
6- 4	A. W. Hall	2.9	0.82	0.61	1.5
7- 5	do	4.4	1.07	0.94	4.8
7-23	Johnston-Forsling	3.5	0.72	0.76	2.5
9-16	Johnston-Hanna	3.0	0.53	0.99	1.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HUTZEL CANAL—A-704					
Diverted from White Clay Creek—Sec. 13-31-52 W. Measurements Made at Headgate					
5-15	A. E. Johnston				0.0
6-16	do				0.0
INDEPENDENT CANAL—D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W. Measurements Made at Headgate					
10-19	A. E. Johnston	2.1	0.67	0.42	1.4
11-23	do	4.0	0.68	0.91	2.7
3-26	do				0.0
4-25	do				0.0
5-29	do				0.0
7-23	Johnston-Forsling	2.4	0.58	0.02	1.4
9-16	Johnston-Hanna				0.0
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W. Measurements Made at Rating Flume					
10-22	A. E. Johnston	5.6	0.28	0.85	1.6
11-27	do	3.9	0.26	1.45	1.0
3-30	do				0.0
4-30	do				0.0
6- 3	do	5.1	0.31	-0.90	1.6
6-28	do				0.0
7-25	do				0.0
9-21	do				0.0
JANSSEN CANAL—A-2231					
Diverted from Pawnee Creek—Sec. 20-13-27 W. Measurements Made at Headgate					
10- 1	A. E. Johnston				0.0
10-11	do				0.0
9-10	do				0.0
JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W. Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-20	do				0.0
5-13	do				0.0
6-17	do				0.0
7-15	do				0.0
8-29	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
JOHNSON CANAL—A-612					
Diverted from Lodgepole Creek—Sec. 23-13-45 W.					
Measurements Made at Headgate					
10-22	A. E. Johnston				0.0
11-26	do				0.0
4- 4	do	0.8	1.00		0.8
4-20	do				0.0
6- 2	do				0.0
7- 2	do				0.0
7-31	do				0.0
9-19	do				0.0
JORDAN CANAL—A-841					
Diverted from Monroe Creek and Jordan Reservoir, A-841					
Sec. 13-33-56 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston	1.2	0.72		0.9
4-17	do	0.1	0.50		0.1
5-14	do	0.2	0.38		0.1
6-18	do	0.8	0.76		0.6
7-15	do	0.3	0.31		0.1
8-29	do	0.1	0.12		0.1
JORDAN CANAL—A-2032					
Diverted from Monroe Creek—Sec. 22-33-56 W.					
Measurements Made at Headgate					
4-17	Johnston-Rasmussen				0.0
5-14	A. E. Johnston				0.0
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
KARA CANAL—A-2480					
Diverted from Kara Lake, A-2246—Sec. 20-1-39 W.					
Measurements Made at Headgate					
5- 5	A. E. Johnston				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.					
10-10	A. E. Johnston	29.6	0.84	2.72	25.3
11-15	do	45.8	0.97	3.10	44.2
12-20	A. W. Hall			5.50	0.0
1- 3	A. E. Johnston	173.5	1.80	6.34	312.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KEARNEY CANAL—Concluded					
3-10	A. W. Hall	121.5	1.88	4.95	228.0
3-20	do	128.9	1.89	5.05	241.0
1-11	do	174.9	2.08	5.96	361.1
1-21	do	135.9	2.04	5.27	280.0
1-25	do	170.0	2.20	5.90	368.0
4-26	do	195.7	2.32	6.53	455.3
5- 7	do	74.6	1.46	3.76	108.9
6-20	do	33.4	1.22	2.90	40.8
6-30	do	8.8	0.89	2.15	7.8
8- 2	do	15.9	1.08	2.55	17.2
8- 8	Hall-Nosky	19.1	1.00	2.58	19.0
9- 9	A. E. Johnston				0.0
KEITH-LINCOLN COUNTY CANAL—D-722 Diversed from North Platte River—Sec. 18-14-36 Measurements Made at Rating Flume					
10- 3	A. E. Johnston	43.0	2.36	1.38	101.8
10-14	do	34.4	2.18	1.10	75.4
11- 1	A. W. Hall	27.6	1.57	0.95	43.3
11-18	A. E. Johnston				0.0
4-15	A. W. Hall	13.6	3.31	0.70	45.1
5- 5	do	23.1	1.77	0.75	40.8
5-27	do	18.6	1.32	0.60	24.5
6-17	do	38.4	1.98	1.25	76.0
8- 8	do	42.7	1.98	1.39	84.7
9-11	A. E. Johnston				0.0
KELSO CANAL—A-1251, A-2279, A-2328, A-2456 Diversed from Big Bordeaux Creek—Sec. 14-33-48 W. Measurements Made at Pump					
4-15	A. E. Johnston				0.0
5-18	do	0.9	1.67		1.4
6-22	do				0.0
7-13	do				0.0
9- 1	do				0.0
KENT-BURKE CANAL, EAST—D-636 Diversed from Pawnee Creek—Sec. 13-13-28 W. Measurements Made at Rating Flume					
10- 1	A. E. Johnston				0.0
10-11	do				0.0
9-10	do				0.0

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DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W.					
Measurements Made at Rating Flume					
10- 1	A. E. Johnston				0.0
10-11	do				0.0
5- 3	do				0.0
9-10	do				0.0
KEYSTONE CANAL—D-730, A-662b, A-843, A-1003					
Diverted from White Tail Creek—Sec. 26-15-38 W.					
Measurements Made at Headgate					
10-14	A. E. Johnston	6.6	1.08	1.35	7.1
11-19	do				0.0
6-17	A. W. Hall	5.7	1.12	1.45	5.1
9-11	A. E. Johnston	3.3	0.67	1.15	2.2
KIMBALL CANAL, NORTH—A-897					
Diverted from Lodgepole Creek and Oliver Reservoir—A-897					
Sec. 36-15-57 W.					
Measurements Made Below Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
4-25	do				0.0
5-29	do	13.6	1.78	2.90	24.2
7-23	Johnston-Forsling	8.1	1.38	1.70	11.2
9-16	Johnston-Hanna	10.6	2.01	2.16	21.4
KIMBALL CANAL, SOUTH—A-897					
Diverted from Lodgepole Creek and Oliver Reservoir—A-897					
Sec. 36-15-57 W.					
Measurements Made Below Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
4-25	do				0.0
5-29	do	13.0	3.17	2.50	41.2
7-23	Johnston-Forsling	15.4	3.08	2.75	47.4
9-16	Johnston-Hanna	13.1	3.14	2.44	41.1
KING CANAL (EAST)—A-1440, A-1587					
Diverted from Lawrence Fork Creek—Section 15-18-52 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston	2.2	1.27	1.60	2.8
11-22	do				0.0
3-24	do				0.0
4-23	do	2.7	1.78	1.50	4.8
5- 8	do				0.0
6-11	do	2.9	1.31	1.56	3.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KING CANAL (EAST)—Concluded					
7-11	A. W. Hall	1.7	0.82	1.10	1.4
7-21	do	2.5	1.08	1.35	2.7
8- 6	do				0.0
9-28	do	2.8	1.21	1.45	3.4
KING CANAL (WEST)—A-1440					
Diverted from Lawrence Fork Creek—Sec. 15-18-52 W. Measurements Made at Headgate					
10-17	A. E. Johnston	0.6	0.83		0.5
11-22	do				0.0
3-24	do				0.0
4-23	do	1.4	1.29		1.8
5- 8	do				0.0
6-11	do				0.0
7-21	do				0.0
8- 6	do				0.0
9-28	do	1.2	1.50		1.8
KINNEY CANAL, NORTH—D-348, A-718					
Diverted from Lodgepole Creek—Sec. 31-15-56 W. Measurements Made at Headgate					
10-19	A. E. Johnston			0.52	0.0
11-23	do				0.0
3-26	do				0.0
4-25	do				0.0
5-29	do	3.4	0.71	0.83	2.4
6-24	do	1.5	1.13	0.41	1.7
7-23	Johnston-Forsling				0.0
9-16	A. E. Johnston				0.0
KINNEY CANAL, SOUTH—D-345, A-718 R					
Diverted from Lodgepole Creek—Sec. 33-15-56 W. Measurements Made at Headgate					
10-19	A. E. Johnston	1.9	1.00	0.52	1.9
11-23	do				0.0
3-26	do				0.0
4-25	do				0.0
5-29	do	2.6	1.96	0.70	5.1
6-24	A. W. Hall	3.2	0.34	0.45	1.1
7- 5	do	2.2	0.64	0.64	1.4
7-23	Johnston-Forsling	3.1	0.94	0.85	2.9
9-16	A. E. Johnston	3.4	0.62	0.92	2.1

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DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmussen	1.4	3.21		4.5
6-11	A. E. Johnston	0.5	0.40		0.2
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
KREUGER CANAL NO. 1—D-325, D-968					
Diverted from Lodgepole Creek—Sec. 29-14-48 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
1-21	do	3.2	0.17		1.5
3-28	do	3.7	0.92		3.4
4-28	do	4.4	1.11		4.9
6- 1	do	3.3	0.97		3.2
7- 3	do	1.9	0.67		1.3
8- 1	do	0.4	0.23		0.1
9-18	do	3.8	1.05		4.0
KREUGER CANAL NO. 2—D-324					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston	3.2	0.11		1.4
12- 2	do				0.0
3-28	do				0.0
4-28	do	3.8	1.34		5.1
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do	0.4	0.25		0.1
KRUEGER CANAL NO. 3—D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do	2.0	1.60		3.2
6- 1	do	2.5	1.64		4.1
7- 3	do				0.0
8- 1	do	2.8	0.46		1.3
9-18	do				0.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LaBELLE CANAL—D-518, A-60					
Diverted from Niobrara River—Sec. 6-28-54 W.					
Measurements Made at Headgate					
4-21	A. E. Johnston				0.0
5-15	do	2.0	2.25		4.5
6-19	do	5.6	0.75		4.2
7-16	do	1.2	1.58	0.30	1.9
8-28	do	1.6	2.63		4.2
LAING CANAL—D-825					
Diverted from Lawrence Fork Creek—Sec. 28-18-52 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston	0.7	1.11		0.8
11-22	do				0.0
3-24	do				0.0
4-23	do	0.9	1.33		1.2
5- 8	do	1.4	1.21		1.7
5-27	do	1.0	1.20		1.2
6-11	do				0.0
7-21	do	0.7	0.86		0.6
8- 6	do	0.5	1.00		0.5
9-28	do	0.7	1.00		0.7
LAKOTAH CANAL—D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-20	do				0.0
5-13	do	7.2	1.15		8.3
6-17	do	6.7	0.46		3.1
7-15	do	7.2	0.29		2.1
8-29	do	6.3	0.37		2.3
LAST CHANCE CANAL—D-883					
Diverted from Pumpkinseed Creek—Sec. 27-19-50 W.					
Measurements Made at Rating Flume					
10- 2	A. W. Hall	5.1	1.31	1.24	7.1
10-17	A. E. Johnston	6.4	1.22	1.50	7.8
11-21	do	5.0	1.30	0.95	6.5
4-22	do				0.0
5- 7	do	4.2	2.70	0.92	11.3
5-27	do	3.4	2.68	0.72	9.1
6-10	do	4.0	2.20	0.82	8.8
8- 7	do	2.7	2.85	0.60	7.7
8-26	do	3.2	2.78	0.62	8.9
8-26	do	2.9	2.62	0.57	7.6
9-14	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LEE CANAL—D-973					
Diverted from Gordon Creek—Sec. 6-29-33 W.					
Measurements Made at Headgate					
4-13	A. E. Johnston	16.8	2.24	2.70	37.7
4-13	do	12.2	1.67	2.20	20.4
5-21	do	5.5	0.20	0.80	1.1
7- 7	do				0.0
LIBBY CANAL—D-312					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do				0.0
6- 1	do	0.2	0.45		0.1
7- 3	do				0.0
8- 1	do	0.4	0.33		0.1
9-18	do				0.0
LICHTE CANAL—D-479, A-1086, A-1088, A-2523					
Diverted from Niobrara River—Sec. 27-29-48 W.					
Measurements Made at Headgate					
10-20	A. E. Johnston	1.0	0.88		0.9
4- 7	do				0.0
4-21	do				0.0
5-12	do	11.9	1.31	1.90	15.6
6-12	do	10.5	1.11	1.92	11.7
6-26	do	4.0	1.15	1.30	4.6
7-17	do	9.2	0.92	1.70	8.5
8-27	do	10.3	1.14	2.10	11.7
LISCO CANAL—D-787, D-856, 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- 5	A. E. Johnston			0.32	24.4
10-16	do			0.35	27.9
11- 2	F. F. LeFever				0.0
11-20	do				0.0
8- 4	A. E. Johnston			0.28	20.0
9-22	M. C. Boyer			0.28	19.7
9-29	A. E. Johnston			0.27	18.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LOGAN CANAL—D-902					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W. Measurements Made at Headgate					
10-18	A. E. Johnston				0.0
11-22	do				0.0
3-25	do				0.0
4-24	do				0.0
5-28	do				0.0
7-22	do	1.0	0.73	0.45	0.7
9-15	do	1.9	0.43	0.80	0.8
LOGAN CANAL—D-821					
Diverted from North Platte River—Sec. 24-20-51 W. Measurements Made at Rating Flume					
5-25	Johnston-Boyer	1.4	0.50		0.7
8- 8	A. E. Johnston	1.9	1.73		1.1
9-15	M. C. Boyer	2.0	0.37		0.7
LONERGAN CANAL—D-699					
Diverted from Lonergan Creek—Sec. 17-15-39 W. Measurements Made at Headgate					
10- 4	A. E. Johnston	1.6	1.88	1.30	3.0
10-15	do	2.1	1.77	1.40	3.8
11-19	do	1.0	1.01		1.0
12-17	A. W. Hall	2.2	1.27	0.70	2.8
5-26	do	2.5	1.80	0.53	4.5
6-16	do	2.8	1.61	0.71	4.5
7-13	do	2.4	1.88	0.43	4.5
9-12	A. E. Johnston	1.3	1.69	0.12	2.2
LYNGHOLM CANAL—D-337					
Diverted from Lodgepole Creek—Sec. 14-14-51 W. Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-27	do	0.9	0.83		0.8
4-27	do	0.7	0.71		0.5
5-30	do	1.7	0.65		1.1
9-17	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LYONS CANAL—D-803					
Diverted from North Platte River—Sec. 30-17-44 W. Measurements Made at Rating Flume					
10- 5	A. E. Johnston	12.8	1.16	1.00	11.9
10-16	do				0.0
11-20	do				0.0
5-25	A. W. Hall	9.5	0.73	0.80	6.9
6-15	do	20.6	0.44	1.50	9.1
9- 9	do	21.2	1.15	1.43	24.3
9-29	A. E. Johnston	23.8	1.47	1.61	35.0
McAULIFFE CANAL—D-814					
Diverted from Lodgepole Creek—Sec. 21-13-45 W. Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
11-26	do	2.5	1.00		2.5
4- 4	do				0.0
4-28	do	0.9	0.22		0.2
6- 2	do	3.7	1.00		3.7
7- 2	do				0.0
7-31	do				0.0
9-18	do	0.8	0.50		0.4
McAULIFFE CANAL—A-1559					
Diverted from Lodgepole Creek—Sec. 21-13-45 W. Measurements Made at Headgate					
4- 4	A. E. Johnston				0.0
4-28	do	3.4	0.94		3.2
6- 2	do				0.0
7- 2	do				0.0
7-31	do				0.0
9-18	do				0.0
McCARTHY CANAL—D-749					
Diverted from White Tail Creek—Sec. 36-15-38 W. Measurements Made at Headgate					
10- 1	A. E. Johnston	0.4	0.50	1.10	0.2
10-14	do	0.7	0.86	1.00	0.6
11-16	do	1.6	1.69		2.7
11-19	do				0.0
9-11	do	0.5	0.60	1.05	0.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McFADDEN CANAL—A-2142					
Diverted from Willow Creek—Sec. 14-14-35 W.					
Measurements Made at Headgate					
11-18	A. E. Johnston				0.0
9-11	do				0.0
McFARLAND CANAL—D-960					
Diverted from White Clay Creek—Sec. 35-32-52 W.					
Measurements Made at 2 Foot Weir					
11- 1	A. E. Johnston				0.7
4-16	do				0.0
5-15	do	1.5	1.20		1.8
6-16	do				0.0
6-20	do	1.1	1.35		1.5
7-14	do	1.6	1.06		1.7
8-31	do	0.4	1.50	0.18	0.6
McGINLEY-STOVER CANAL, (NORTH)—D-513a					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	5.5	0.78		4.3
4-20	do				0.0
5-13	do	6.7	1.35		9.0
6-17	do				0.0
7-16	do	3.0	0.43		1.3
8-28	do	3.5	1.00		3.5
McGINLEY-STOVER CANAL, (SOUTH)—D-513b					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston				0.0
4-20	do				0.0
5-13	do	3.0	0.47		1.4
6-17	do				0.0
7-16	do	0.6	0.50		0.3
8-28	do	1.0	0.20		0.2
McINTOSH CANAL—D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-15-55 W.					
Measurements Made at Headgate					
10-18	A. E. Johnston	2.8	0.96		2.7
11-23	do				0.0
3-27	do				0.0
4-27	do				0.0
5-29	do	2.3	1.76		4.0
9-17	do	2.0	1.40		2.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McLAUGHLIN CANAL—D-966					
Diverted from Lodgepole Creek—Sec. 25-14-48 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston	9.2	1.44		13.2
10-30	do	6.5	0.66		4.3
12- 2	do	4.7	0.66		3.1
3-28	do				0.0
4-28	do				0.0
6- 1	do	0.2	0.20		0.1
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
McLAUGHLIN CANAL—D-566					
Diverted from Niobrara River—Sec. 9-28-52 W.					
Measurements Made at Headgate					
4-21	A. E. Johnston				0.0
5-15	do				0.0
6-19	do	5.2	0.73		3.8
7-16	do	4.8	0.87		4.2
8-28	do	4.8	0.31		1.5
MARANVILLE CANAL—D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
Measurements Made at Headgate					
10-22	A. E. Johnston				0.0
11-27	do				0.0
3-30	do				0.0
4-30	do				0.0
6- 3	do				0.0
6-28	do	7.5	0.40	2.20	3.0
7-25	do	8.3	0.26	2.38	2.2
9-21	do	10.6	0.26	2.80	2.8
MEEKER CANAL—D-4, D-7, D-8, D-9,					
Diverted from Republican River—Sec. 15-3-31 W.					
Measurements Made at Headgate					
10-23	A. E. Johnston	9.0	0.89	1.07	8.0
11-29	do	5.0	0.70	0.65	3.5
3-31	do				0.0
5- 2	do				0.0
5- 4	do	15.9	0.92	1.40	14.6
6- 6	do				0.0
6-28	do	22.4	1.26	1.84	28.3
7-29	Johnston-Gerlach	18.5	1.38	1.61	25.5
9-22	A. E. Johnston	19.2	1.34	1.78	25.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
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Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MEGLEMRE CANAL—A-294, A-853					
Diverted from Greenwood Creek—Sec. 3-18-50 W.					
Measurements Made at Rating Flume					
10-17	A. E. Johnston	3.6	1.92		6.9
11-21	do	1.0	1.20		1.2
4-22	do				0.0
5- 8	do	0.7	1.14		0.8
5-27	do	1.4	1.43	0.90	2.0
6-10	do	1.1	0.90		1.0
8-26	do	1.0	1.44		1.4
9-14	do	1.4	1.48		2.0
9-28	do	1.6	1.75		2.8
MEREDITH-AMMER CANAL—D-876					
Diverted from Pumpkinseed Creek—Sec. 23-19-50 W.					
Measurements Made at Rating Flume					
10- 2	A. W. Hall	3.6	1.84	0.60	5.9
10-17	A. E. Johnston	3.6	1.22	0.60	4.4
11-21	do			0.12	0.5
4-22	do	2.4	1.21	0.40	2.9
5- 7	do	3.6	1.70	0.60	6.1
5-27	do	5.4	1.81	0.88	9.8
6-10	do	4.1	1.54	0.70	6.3
8- 7	do	5.3	2.17	0.88	11.5
8-26	do	5.9	2.53	0.98	14.9
9-14	do			0.14	0.6
MERIDIAN CANAL—D-459, A-469					
Diverted from Niobrara River—Sec. 25-29-50 W.					
Measurements Made at Headgate					
10-29	A. E. Johnston	6.6	1.33	2.00	8.8
4-21	do				0.0
5-12	do	5.6	1.66	1.82	9.3
6-12	do	3.1	0.32	1.10	1.0
7-17	do	4.5	0.40	1.50	1.8
8-27	do	5.6	0.80	1.68	4.5
METTLEN CANAL—A-292, A-1248, A-2244					
Diverted from Niobrara River—Sec. 4-28-54 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	4.4	2.34	1.10	10.3
4-21	do				0.0
5-15	do	1.6	0.81	0.35	1.3
6-19	do			1.10	1.0
7-16	do	0.2	0.50	0.20	0.1
8-28	do	0.8	1.09	0.40	0.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MIDLAND-OVERLAND CANAL—D-789, D-791, D-800R					
Diverted from North Platte River—Sec. 2-16-44 W.					
Measurements Made at Rating Flume					
10-4	A. E. Johnston	15.1	1.36	2.00	20.6
10-16	do	8.9	0.78	1.12	6.9
11-20	do				0.0
5-15	A. W. Hall	13.4	1.43	1.82	19.2
5-25	do	10.1	1.29	1.30	13.0
6-15	do	11.5	1.18	1.32	17.0
9-30	A. E. Johnston	12.2	1.23	1.61	15.1
MILLER CANAL—D-740					
Diverted from Skunk Creek—Sec. 1-14-37 W.					
Measurements Made at Headgate					
11-10	A. E. Johnston				0.0
9-11	do	0.3	0.66		0.2
MINATARE CANAL—D-919					
Diverted from North Platte River—Sec. 32-22-54 W.					
Measurements Made at Waste Gate					
10-1	F. F. LeFever	18.4	1.34	1.16	24.8
10-16	do				0.0
5-26	Johnston-Boyer	70.6	1.74	2.72	122.7
7-6	M. C. Boyer	52.3	1.58	2.29	82.4
8-6	do	20.8	1.19	1.16	24.8
8-20	do	38.6	1.61	1.85	63.0
9-5	do	28.7	1.79	1.78	51.1
9-18	do	43.6	1.55	2.15	67.0
MITCHELL CANAL					
Diverted from North Platte River—Sec. 10-23-60 W., Wyoming					
Measurements Made at Rating Flume					
10-22	F. F. LeFever	83.8	1.88	2.10	157.4
10-29	do	87.4	1.84	2.28	160.4
11-12	do	85.7	1.88	2.27	160.9
12-3	do	70.0	1.83	2.20	128.0
12-22	M. C. Boyer				0.0
4-13	M. E. Ball				0.0
4-22	do				0.0
4-27	do				0.0
4-30	M. C. Boyer	43.4	1.66	1.39	72.0
5-4	do	65.7	1.80	1.84	118.4
5-15	do	85.8	2.26	2.40	193.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MITCHELL CANAL—Concluded					
5-27	M. E. Ball			2.49	198.3
6- 3	M. C. Boyer	92.1	2.11	2.11	194.3
6-10	do	10.4	1.71	1.18	69.2
6-11	Jerry Lamm			1.22	72.0
6-17	M. E. Ball			1.22	65.0
6-23	do			2.42	198.9
6-29	F. M. Roush			2.36	191.2
7- 2	M. E. Ball			2.34	196.0
7- 7	F. M. Roush			2.38	192.7
7-16	M. C. Boyer	62.9	1.96	1.57	122.9
7-18	Jerry Lamm			2.00	155.2
7-21	F. M. Roush			2.36	199.7
7-23	do			0.36	8.6
7-27	do	5.2	1.17	0.22	6.1
7-30	J. A. Whiting			0.18	3.9
8- 5	M. E. Ball			1.53	122.9
8- 8	F. M. Roush			2.44	211.0
8-11	J. A. Whiting			1.82	145.0
8-14	F. M. Roush			1.18	115.0
8-18	M. C. Boyer			0.20	5.0
8-29	do	77.2	2.02	1.88	156.3
8-31	F. M. Roush			1.86	152.0
MONROE CANAL (BIG)—D-506, A-2372 Diverted from Monroe Creek—Sec. 33-33-56 W. Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
1-17	Johnston-Rasmussen	1.7	1.65	0.45	2.8
5-14	A. E. Johnston	1.3	1.69	0.50	2.2
6-18	do	1.0	1.20	0.35	1.2
7-15	do	0.5	1.20	0.25	0.6
8-29	do				0.0
MONTAGUE CANAL—A-575 Diverted from Niobrara River—Sec. 27-29-48 W. Measurements Made at Headgate					
10-29	A. E. Johnston				0.0
4- 7	do				0.0
4-21	do				0.0
5-12	do	3.9	0.74	1.37	2.9
6-12	do	3.3	0.54	1.00	1.8
6-26	do	4.6	0.76	1.15	3.5
7-17	do	2.6	1.92	0.70	0.5
8-27	do	3.5	0.26	1.00	0.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MONTGOMERY CANAL—D-559					
Diverted from Sow Belly Creek—Sec. 21-33-55 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmussen	0.4	0.50		0.2
5-14	A. E. Johnston	0.2	0.30		0.1
6-18	do				0.0
7-15	do				0.0
8-29	do	0.2	0.20		0.1
MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
Measurements Made at Headgate					
10-30	A. E. Johnston	4.4	1.98	0.70	8.7
4-21	do				0.0
5-15	do				0.0
6-19	do	7.0	0.86	1.20	6.0
7-16	do	4.3	0.30	0.80	1.3
8-28	do	6.5	1.00	1.14	6.5
MUTUAL CANAL—D-843					
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.					
Measurements Made at Headgate					
10- 2	A. W. Hall				0.0
10-18	A. E. Johnston	4.7	0.77	1.84	3.6
11-22	do				0.0
3-25	do	3.8	0.89	1.74	3.4
4-24	do	3.1	1.03	1.80	3.2
5- 7	do	2.2	0.68	1.70	1.5
5-28	do	8.1	0.75	2.26	6.1
6-11	do	1.7	0.18	1.52	0.3
7-22	do	5.8	0.53	2.18	3.1
8- 7	do	7.5	0.48	2.34	3.6
8-26	do				0.0
9-14	do	6.6	0.56	2.26	3.7
9-28	do	7.9	0.49		3.9
NASLAND CANAL—A-661					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
Measurements Made at Headgate					
11-26	A. E. Johnston				0.0
4- 4	do				0.0
4-29	do				0.0
5- 6	do	2.3	2.16		4.9
6- 2	do	3.0	1.60	1.22	4.8
6- 9	do				0.0
7- 2	do				0.0
7-31	do				0.0
9-19	do	0.4	0.50		0.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NEIHUS CANAL—A-550					
Diverted from Lawrence Fork Creek—Sec. 11-19-52 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston				0.0
11-22	do				0.0
4-23	do				0.0
5- 8	do				0.0
5-27	do				0.0
6-11	do				0.0
7-21	do	0.8	1.63		1.3
8- 6	do	0.6	1.50		0.9
NELSON CANAL—D-845					
Diverted from Greenwood Creek—Sec. 33-18-50 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston				0.0
11-21	do				0.0
4-22	do				0.0
5- 8	do				0.0
5-27	do	2.8	1.21		3.4
6-10	do				0.0
8-26	do	2.3	2.22		5.1
9-14	do	3.7	1.27		4.7
9-28	do	4.4	0.95		4.2
NEUMAN CANAL NO. 2—A-565					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
4- 4	A. E. Johnston				0.0
4-29	do				0.0
6- 2	do				0.0
7- 2	do	0.2	0.25		0.1
7-31	do	0.5	0.40		0.2
9-19	do	0.4	0.25		0.1
NEUMAN CANAL—A-611, A-1445					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
Measurements Made at Headgate					
10-22	A. E. Johnston	3.4	0.22		0.7
11-26	do				0.0
4- 4	do				0.0
4-29	do				0.0
6- 2	do				0.0
7- 2	do	1.2	0.17		0.2
7-31	do	3.3	0.27		0.9
9-19	do	1.3	1.54		0.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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- 4	F. F. LeFever	37.6	1.92	2.62	72.2
10-31	do				0.0
5- 4	M. C. Boyer	11.6	0.64	1.28	7.4
5-28	do	27.8	1.90	2.30	52.9
8- 6	do	41.9	2.21	2.84	92.7
9-24	do	29.5	1.58	2.12	46.7
NISSEN CANAL—A-606					
Diverted from Sand Creek—Sec. 10-15-40 W.					
Measurements Made at Headgate					
10-15	A. E. Johnston				9.0
NORTH PLATTE CANAL—D-635					
Diverted from North Platte River—Sec. 13-14-34 W.					
Measurements Made at Rating Flume					
10- 3	A. E. Johnston	53.0	2.78	1.60	147.0
10-14	do	42.8	2.42	1.35	101.2
11- 1	A. W. Hall	18.0	1.41	0.60	25.6
11-18	A. E. Johnston				0.0
5- 5	A. W. Hall	31.1	2.17	1.00	67.6
5-11	do	34.8	2.29	1.15	79.8
5-27	do	49.5	2.57	1.61	127.0
6-18	do	61.6	3.00	2.15	191.8
7- 3	do	26.4	2.40	0.89	63.2
7-16	do	40.0	2.55	1.21	102.4
7-19	Hall-Nosky	66.2	2.93	2.07	191.0
8- 8	A. W. Hall	75.9	3.02	2.39	229.2
9-11	A. E. Johnston	54.7	2.84	1.70	154.3
NORTHPORT CANAL—A-768					
Diverted from North Platte River and Pathfinder Reservoir					
Sec. 3-23-58 W.					
Measurements Made at Red Willow Rating Flume—Sec. 14-21-51 W.					
5-12	M. C. Boyer	62.6	2.62	1.95	164.2
5-21	A. W. Hall	57.8	2.06	1.37	119.1
5-22	do	57.3	2.00	1.37	114.0
5-28	A. E. Johnston	68.9	2.78	2.00	191.6
5-28	do	68.9	2.80	2.00	192.4
5-28	do	75.8	2.42	1.99	183.5
6- 8	A. W. Hall	72.8	2.97	2.29	216.2
6-23	Hervert-Boyer	69.6	2.08	1.68	145.1
7- 8	A. W. Hall	69.5	2.91	2.21	201.9
7-17	M. C. Boyer	68.6	3.02	2.17	207.7
7-29	do	69.8	3.02	2.18	210.6
8-28	Hervert-Boyer	67.9	2.45	1.90	168.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NORTH RIVER CANAL—D-787R, D-801R, A-243					
Diverted from North Platte River—Sec. 24-18-47 W.					
Measurements Made at 40 Foot Weir					
10- 5	A. E. Johnston			0.49	46.2
10-16	do			0.40	31.1
11- 2	F. F. LeFever				1.0
11-20	A. E. Johnston				0.0
8- 4	do				0.0
9-29	do				0.0
NUNN CANAL—D-884 R.					
Diverted from Pumpkinseed Creek—Sec. 27-19-51 W.					
Measurements Made at Headgate					
10- 2	A. W. Hall				0.0
10-18	A. E. Johnston				0.0
11-22	do	1.8	0.50		0.9
4-23	do				0.0
5- 7	do				0.0
5-27	do				0.0
6-11	do				0.0
8- 7	do				0.0
8-26	do				0.0
9-14	do				0.0
9-28	do				0.0
OBERFELDER CANAL—D-306					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do	1.2	0.83		1.0
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
OBERFELDER CANAL—D-333					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do	1.2	2.00		2.4
4-28	do	1.1	0.55		0.6
6- 1	do				0.0
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
O'DONNELL CANAL—A-432, A-2036					
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-18	do				0.0
6-20	do	2.3	0.91		2.1
7-13	do	1.6	0.31		0.5
9- 1	do	0.2	0.50		0.1
OLD SOW BELLY CANAL—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	do				0.0
5-14	do				0.0
6-18	do	1.0	1.20		1.2
7-15	do	1.0	1.50		1.5
8-29	do	0.8	0.87		0.7
ORCHARD-ALFALFA CANAL—D-627					
Diverted from Platte River and Sutherland Reservoir—Sec. 9-10-24 W.					
Measurements Made at Rating Flume					
10- 1	A. E. Johnston				0.0
10-11	do	12.8	0.52	0.60	6.7
11-15	do				0.0
4-14	A. W. Hall	24.3	1.29	1.58	31.5
4-22	do	39.8	1.25	2.60	49.7
4-24	do	43.7	1.43	2.82	62.4
6-28	do				0.0
7- 1	do	27.1	0.71	1.93	19.3
7- 2	do	15.9	0.69	1.55	11.0
7-18	do	23.8	0.55	1.79	13.0
7-20	Hall-Nosky	37.1	0.56	2.45	20.7
7-23	do	30.6	0.66	2.40	20.1
8- 2	A. W. Hall	47.5	0.99	3.21	47.0
9- 9	A. E. Johnston				0.0
OSHKOSH CANAL—D-797, A-243					
Diverted from North Platte River—Sec. 33-17-44 W.					
Measurements Made at Rating Flume					
10- 5	A. E. Johnston	12.6	0.55	1.13	6.9
10-16	do	10.5	2.22	1.15	22.3
11-20	do				0.0
6-15	A. W. Hall	13.4	0.40	1.40	5.4
9- 9	do	15.7	0.89	1.40	13.9
9-29	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
OTTER CREEK CANAL—D-1032, A-1, A-1198, A-1240					
Diverted from Otter Creek—Sec. 5-15-40 W.					
Measurements Made at Headgate					
10- 4	A. E. Johnston				0.0
10-15	do	0.6	0.38	1.50	0.2
11-19	do				0.0
5- 4	A. W. Hall	3.0	0.96	1.48	2.9
5-20	do	3.5	1.20	0.55	4.2
6-16	do	4.9	1.24	0.60	6.0
9-12	A. E. Johnston	1.7	1.41	1.10	2.4
OTTER CREEK CANAL—D-725, A-1198					
Diverted from Sand Creek—Sec. 10-15-40 W.					
Measurements Made at Headgate					
10-15	A. E. Johnston				0.0
9-12	do				0.0
OWASCO CANAL—D-347, A-725					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements Made at Rating Flume					
10-18	A. E. Johnston	6.0	0.65	0.40	3.9
11-22	do				0.0
3-25	do				0.0
4-24	do	8.5	1.16	0.55	12.4
5-20	do	6.5	0.54	0.25	3.5
6-24	A. W. Hall	5.6	1.14	0.68	4.9
7-22	A. E. Johnston	7.3	0.62	0.38	4.5
9-15	do	2.4	1.75	0.30	4.2
9-16	Johnston-Hanna	2.4	2.00	0.30	4.8
OWASCO (BAY STATE LATERAL)—D-347-R					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements Made out of Owasco Canal					
6-24	A. W. Hall				0.0
6-25	do	1.6	1.00	0.50	1.6
7-23	Johnston-Forsling	1.4	0.71	0.30	1.0
9-16	A. E. Johnston	1.7	0.76	0.25	1.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
OX YOKE CANAL—D-447					
Diverted from Ash Creek—Sec. 31-32-50 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
12- 4	do				0.0
4-16	do				0.0
5-16	do				0.0
6-15	do				0.0
7-13	do	0.5	1.20		0.6
9- 1	do	0.2	0.50		0.1
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- 4	A. E. Johnston	8.8	1.72	1.11	15.1
10-15	do	8.8	1.62	1.12	11.3
10-21	A. W. Hall	9.5	1.53	1.15	14.5
11-19	A. E. Johnston				0.0
5- 1	A. W. Hall	8.2	1.51	1.01	12.6
5-15	do	8.0	1.52	1.00	12.2
5-26	do	8.0	1.57	0.98	12.6
6-16	do	9.0	1.79	1.12	16.1
8-22	A. E. Johnston	7.2	1.72	0.88	12.4
9-30	do				0.0
PARKS CANAL—A-1202, A-1444, A-1555					
Diverted from Republican River—Sec. 20-1-39 W.					
Measurements Made at Headgate					
10-26	A. E. Johnston				0.0
11-29	do				0.0
4- 2	do				0.0
5- 5	do				0.0
6- 8	do				0.0
7- 1	do				0.0
7-30	do	3.6	1.22		4.4
9-25	do	5.1	1.16		6.2
PAXTON-HERSHEY CANAL—D-653					
Diverted from North Platte River—Sec. 18-14-33 W.					
Measurements Made at Rating Flume					
10- 3	A. E. Johnston	21.6	2.49	1.12	53.7
10-14	do	18.0	2.09	1.00	48.4
11- 1	A. W. Hall				0.0
11-18	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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PAXTON-HERSHEY CANAL—Concluded

5-5	A. W. Hall				0.0
5-11	do	10.8	2.99	0.60	32.3
5-27	do	17.4	1.01	0.45	17.6
6-18	do	29.6	2.91	1.59	86.1
8-8	do	36.6	2.97	1.95	108.4
9-11	do	4.5	1.69	0.29	7.6

PERSINGER CANAL—D-297

Diverted from Lodgepole Creek—Sec. 33-14-46 W.
 Measurements Made at Headgate

10-21	A. E. Johnston				0.0
12-2	do	1.4	0.48		0.7
4-4	do	2.7	1.07		2.9
4-28	do	2.5	0.81		2.1
6-1	do				0.0
7-8	do				0.0
8-1	do				0.0
9-18	do	0.4	1.00		0.4

PETERS CANAL—D-913

Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.
 Measurements Made at Headgate

10-18	A. E. Johnston				0.0
11-22	do				0.0
2-25	do				0.0
4-24	do				0.0
5-28	do	2.3	1.04		2.4
7-22	do	1.3	0.77		1.0
9-15	do	1.2	0.83		1.0

PHELAN CANAL—D-138, A-1609, A-2246

Diverted from Rock Creek—Sec. 17-1-39 W.
 Measurements Made at Headgate

11-29	A. E. Johnston	0.7	0.91		0.6
5-5	do	1.9	1.58		3.0
6-8	do	0.4	0.50		0.2
7-1	do	0.5	0.80		0.4
7-30	do	0.6	1.00		0.6
9-25	do	0.6	0.78		0.5

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PIONEER CANAL, NORTH,—D-442 a					
Diverted from Niobrara River—Sec. 36-29-51 W.					
Measurements Made at Headgate					
10-20	A. E. Johnston	8.7	0.26	1.05	2.2
4-21	do				0.0
5-12	do	4.8	0.17	0.40	0.8
6-12	do	8.7	0.20		1.7
7-17	do				1.0
8-27	do	8.8	0.27		2.4
PIONEER CANAL, SOUTH—D-442b					
Diverted from Niobrara River—Sec. 31-29-50 W.					
Measurements Made at Headgate					
10-20	A. E. Johnston	3.8	0.65		2.4
4-21	do				0.0
5-12	do	2.0	0.24		0.5
6-12	do	4.0	0.61		2.5
7-17	do	1.6	0.63		1.0
8-27	do	2.4	0.92		2.2
POMEROY CANAL—A-723					
Diverted from Lodgepole Creek—Sec. 15-14-51 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-27	do				0.0
4-27	do				0.0
5-30	do	2.2	0.73		1.6
PREMIER CANAL—D-340					
Diverted from Lodgepole Creek—Sec. 3-14-58 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-26	do				0.0
4-25	do				0.0
5-21	do				0.0
7-23	Johnston-Forsling	0.9	1.11	0.30	1.0
9-16	A. E. Johnson	2.6	1.46	0.80	3.8
RADCLIFFE CANAL NO. 1—D-1034a					
Diverted from Cedar Creek—Sec. 28-18-48 W.					
Measurements Made below Headgate					
7-18	A. E. Johnston	2.7	2.04		5.5
9-19	M. C. Boyer	3.4	1.47		4.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
RADCLIFFE CANAL NO. 3—D-1034b, D-1034c					
Diversed from Cedar Creek—Sec. 27-18-48 W.					
Measurements Made below Headgate					
7-18	A. E. Johnston	2.1	0.81		1.7
9-19	M. C. Boyer				0.0
RALTON IRRIGATION CANAL, A-847					
Diversed from Lodgepole Creek—Sec. 12-12-45 W.					
Measurements Made at Headgate					
10-22	A. E. Johnston				0.0
11-26	do				0.0
4-4	do				0.0
4-29	do				0.0
7-2	do				0.0
7-31	do				0.0
9-19	do				0.0
RAMSHORN CANAL—D-918 R, D-945					
Diversed from North Platte River—Sec. 18-23-57 W.					
Measurements Made at Rating Flume—Sec. 19-23-57 W.					
10-15	F. F. LeFever	9.5	0.43	0.91	4.1
5-18	A. W. Hall	5.8	0.60	0.73	3.5
5-27	M. C. Boyer	23.6	1.05	1.66	24.7
6-11	do			0.41	1.0
7-2	do	6.1	0.60	0.73	3.7
7-16	do	9.4	0.39	0.82	3.6
7-27	do	1.2	1.90	1.93	2.3
8-14	A. E. Johnston	8.6	0.52	1.16	4.5
8-18	M. C. Boyer			0.17	2.8
9-3	do			0.20	3.6
9-17	do			0.22	1.1
RANDALL CANAL—A-1100					
Diversed from Lawrence Fork Creek—Sec. 21-18-52 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston	4.3	0.96	0.75	4.2
11-22	do				0.0
3-24	do				0.0
4-23	do				0.0
5-8	do	3.5	1.77	0.48	6.2
5-27	do	3.4	1.00	0.31	3.4
6-11	do	3.4	0.91	0.33	3.1
7-11	do	3.5	1.26	0.38	4.4
7-21	do	2.8	1.14	0.28	3.2
8-6	do	2.5	1.04	0.20	2.6
9-28	do	2.6	0.81	0.25	2.1

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
RASHER CANAL—D-467, A-456, A-534 Diverted from White River—Sec. 19-32-51 W. Measurements Made at Headgate					
11- 1	A. E. Johnston				0.9
4-16	do				0.0
5-16	do				0.0
6-15	do				0.0
7-13	do				0.9
8-31	do				0.0
RIVERSIDE CANAL—D-18, A-1674 Diverted from Frenchman River—Sec. 33-4-32 W. Measurements Made at Headgate					
10-23	A. E. Johnston	13.5	0.49		6.6
11-27	do				0.9
3-31	do				0.9
5- 1	do				0.0
5- 4	do				0.0
6- 4	do	3.7	2.11		7.8
6-22	A. W. Hall	13.5	0.90		12.2
6-28	A. E. Johnston	13.3	0.97	2.65	12.9
7-25	do				0.0
9-22	do				0.0
ROUND ROUSE ROCK CANAL—D-884 Diverted from Pumpkinseed Creek—Sec. 28-19-51 W. Measurements Made at Rating Flume					
10- 2	A. W. Hall				0.9
10-18	A. E. Johnston				0.9
11-22	do				0.9
4-23	do	4.0	0.58		2.5
5- 7	do				0.0
5-27	do	2.6	2.00	1.05	5.2
6-11	do	0.5	0.60	0.30	0.3
8- 7	do	1.8	1.56	0.69	2.5
8-26	do				0.9
9-14	do				0.0
9-28	do				0.0
RUNGE CANAL NO. 2—D-338 Diverted from Lodgepole Creek—Sec. 20-14-50 W. Measurements Made at Headgate					
3-27	A. E. Johnston				0.0
5-30	do	1.8	1.78		3.2
9-17	do	1.2	1.08		1.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
RUNGE CANAL NO. 1—D-339					
Diverted from Lodgepole Creek—Sec. 20-14-50 W. Measurements Made at Headgate					
3-27	A. E. Johnston				0.0
4-27	do	2.0	2.50		5.0
RUSH CREEK CANAL—D-802					
Diverted from North Platte River—Sec. 2-17-46 W. Measurements Made at Rating Flume					
10-16	A. E. Johnston				0.0
9-29	do				0.0
RUTTNER CANAL—A-906					
Diverted from Lodgepole Creek—Sec. 30-14-47 W. Measurements Made at Headgate					
10-21	A. E. Johnston				0.0
12- 2	do				0.0
3-28	do				0.0
4-28	do				0.0
6- 1	do	0.8	0.75		0.6
7- 3	do				0.0
8- 1	do				0.0
9-18	do				0.0
RUTTNER CANAL, NEW—D-350 R, A-727, A-857, A-869					
Diverted from Lodgepole Creek—Sec. 36-15-57 W. Measurements Made at Headgate					
10-19	A. E. Johnston	1.9	1.00	0.35	1.9
11-23	do				0.0
3-26	do	2.2	1.87	0.55	4.1
4-25	do				0.0
5-29	do	2.1	1.19	0.47	2.5
6-24	A. W. Hall	2.3	1.17	0.54	2.7
7-23	Johnston-Porsling	2.3	0.87	0.54	2.0
9-16	Johnston-Hanna	1.4	1.14	0.34	1.6
SAND CREEK CANAL (EAST)—A-974					
Diverted from Gravel Creek—Sec. 9-14-36 W. Measurements Made below Headgate					
11-19	A. E. Johnston				0.0
9-11	do				0.0
SAND CREEK CANAL (WEST)—A-974					
Diverted from Gravel Creek—Sec. 9-14-36 W. Measurements Made below Headgate					
11-19	A. E. Johnston				0.0
9-11	do	0.8	2.13		1.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SCHAEFER RESERVOIR SUPPLY CANAL—A-2306					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmussen	0.6	1.00		0.6
5-14	A. E. Johnston	2.0	1.21		2.4
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
SCRIPTER CANAL—A-2288					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
10- 4	A. E. Johnston	0.4	0.43		0.2
10-15	do				0.0
11-10	do				0.0
SEVERNS PUMP—A-1856					
Diverted from Frenchman River—Sec. 9-4-33 W.					
Measurements Made at Pumphouse					
6-29	Johnston-Gerlach	2.8	0.83		2.3
SHELDON CANAL—A-493					
Diverted from East Ash Creek—Sec. 30-32-50 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
12- 1	do				0.0
4-16	do				0.0
5-16	do				0.0
6-15	do				0.0
7-13	do				0.0
9- 1	do				0.0
SHEPHERD CANAL—A-1965					
Diverted from Squaw Creek—Sec. 36-34-57 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
3-10	do	0.5	1.00		0.5
4-17	Johnston-Rasmussen	1.2	1.25		1.5
5-14	A. E. Johnston	0.4	0.50		0.2
6-18	do	0.2	0.50		0.1
7-15	do				0.0
8-29	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SHERIDAN-WILSON CANAL—D-710					
Diverted from North Platte River—Sec. 20-14-35 W.					
Measurements Made near Headgate					
10- 3	A. E. Johnston				0.0
10-14	do	8.6	1.36	1.30	11.7
11- 1	A. W. Hall	8.3	1.36	1.30	11.3
11-18	A. E. Johnston				0.0
6-17	A. W. Hall	10.5	1.54	1.50	16.2
8- 8	do	9.4	1.45	1.20	13.6
9-11	A. E. Johnston	11.3	1.87	1.56	21.1
SHORT LINE CANAL—D-946					
Diverted from North Platte River—Sec. 25-21-53 W.					
Measurements Made at Headgate					
5-26	Boyer-Johnston	28.6	1.45	1.68	41.3
8- 6	M. C. Boyer	26.5	1.01	1.66	26.9
9-24	do	19.2	0.92	1.54	17.7
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 16-16-43 W.					
Measurements Made at Headgate					
10- 5	A. E. Johnston	11.7	0.71	2.25	8.3
10-16	do	19.4	0.39	2.10	7.5
11-20	do				0.0
5-25	A. W. Hall	1.9	0.53	1.32	1.0
9-30	A. E. Johnston				0.0
SIMONS CANAL—A-2363					
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston	1.6	0.78		1.2
4-16	do				0.0
5-16	do	2.1	1.19		2.5
6-15	do	1.9	0.74		1.4
7-13	do				0.0
9- 1	do				0.0
SIX MILE CANAL—D-680					
Diverted from Platte River and Sutherland Reservoir					
Sec. 11-11-26 W.					
Measurements Made at Rating Flume					
10- 1	A. E. Johnston				0.0
10-11	do				0.0
11-15	do				0.0
9- 9	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SKUNK CREEK CANAL—A-968					
Diverted from Skunk Creek—Sec. 6-14-36 W.					
Measurements Made Below Headgate					
11-19	A. E. Johnston	1.0	0.70		0.7
9-11	do				0.0
SLATTERY CANAL—A-749, A-2021					
Diverted from Dead Horse Creek—Sec. 32-33-49 W.					
Measurements Made at Headgate					
4-15	A. E. Johnston				0.0
5-18	do	1.7	1.06		1.8
6-15	do				0.0
7-13	do				0.0
9- 1	do				0.0
SLATTERY CANAL—D-543, A-1683					
Diverted from Jim Creek and Caladonia Reservoir—A-1680					
Sec. 13-33-57 W.					
Measurements Made at Headgate					
4-17	Johnston-Rasmussen				0.0
5-11	A. E. Johnston				0.0
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
SMITH-WHEELER CANAL—D-842					
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.					
Measurements Made at Headgate					
10- 2	A. W. Hall				0.0
5- 7	A. E. Johnston	2.3	1.26	1.46	2.9
5-27	do	1.4	0.79	1.20	1.1
6-11	do	2.2	1.09	1.40	2.4
8- 7	do	0.4	0.25	0.80	0.1
8-26	do	0.7	0.57	1.12	0.4
9-14	do	1.7	0.35	1.35	0.6
9-28	do			1.15	0.0
SOEHL CANAL (EAST)—D-697a					
Diverted from Loneragan Creek—Sec. 17-15-39 W.					
Measurements Made at Headgate					
10-15	A. E. Johnston				0.0
11-10	do				0.0
8-16	A. W. Hall	0.9	1.22	1.10	1.1
9-12	A. E. Johnston	1.5	1.53		2.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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SOEHL CANAL (WEST)—D-697b

Diverted from Lonergan Creek—Sec. 17-15-39 W.
 Measurements Made at Headgate

10-15	A. E. Johnston				0.0
11-19	do				0.0
8-16	A. W. Hall	0.6	0.16		0.1
9-12	A. E. Johnston	1.6	1.68		2.7

SOLDIER CREEK CANAL

Diverted from Soldier Creek Near Ft. Robinson—Sec. 18-31-52 W.
 Measurements Made at Headgate

11- 1	A. E. Johnston				0.0
12- 3	do	3.1	1.58		4.9
1-13	do	1.6	0.94		1.5
4-18	do	1.4	0.86		1.2
5-15	do	1.7	0.94		1.8
6-16	do				0.0
7-14	do	0.9	1.67		1.5
3-31	do	0.6	1.16		0.7

SPOHN CANAL—D-801

Diverted from North Platte River—Sec. 13-17-45 W.
 Measurements Made at Rating Flume

10-16	A. E. Johnston	7.4	1.38	1.50	10.2
11-20	do				0.0
9- 9	A. W. Hall	10.0	0.40		4.0
9-29	A. E. Johnston	16.5	0.44		7.3

SPRING BRANCH CANAL—D-862, D-893, A-669

Diverted from Lawrence Fork Creek—Sec. 11-18-52 W.
 Measurements Made at Headgate

10-17	A. E. Johnston	2.5	0.92		2.3
11-22	do	1.0	0.82		0.8
3-24	do	0.6	1.33		0.8
4-23	do	0.7	0.86		0.6
5- 8	do	1.2	0.75		0.9
5-27	do	0.3	0.66		0.2
6-11	do	2.8	1.13		3.2
7-21	do	0.3	0.66		0.2
8- 6	do	0.6	0.83		0.5
8-18	Mallett-Hervert				0.5
9-28	A. E. Johnston				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SPRING CREEK CANAL NO. 1—D-473					
Diverted from Spring Creek Tributary to Little Cottonwood Creek Sec. 7-32-51 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-16	do				0.0
6-15	do				0.0
7-13	do				0.0
SPRING CREEK CANAL—D-532					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
4-17	Johnston-Rasmussen	0.3	1.00		0.3
5-14	A. E. Johnston	0.4	0.90		0.3
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
9- 1	do				0.0
STUART CANAL, NORTH,—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
Measurements Made below Headgate					
4-16	A. E. Johnston	1.9	1.53		2.9
5-16	do				0.0
6-16	do	0.9	1.00		0.9
7-14	do				0.0
8-31	do				0.0
STUART CANAL, SOUTH,—A-8					
Diverted from Little Cottonwood Creek—Sec. 17-32-52 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston				0.0
5-16	do	2.6	1.04		2.7
6-16	do				0.0
7-14	do				0.0
8-31	do				0.0
STUMPH CANAL—D-447 R, D-1023½					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
12- 4	do				0.0
4-16	do				0.0
5-16	do				0.0
6-15	do				0.0
9- 1	do				0.0
7-13	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SUBURBAN CANAL—D-662					
Diverted from North Platte River—Sec. 12-14-33 W.					
Measurements Made at Rating Flume					
10- 3	A. E. Johnston	10.6	3.10	0.65	32.8
10-14	do	15.0	2.92	0.82	43.9
11-18	do				0.0
5- 6	do	16.2	1.51	0.36	21.5
5-11	do	25.2	1.55	0.60	39.0
5-27	A. W. Hall	24.0	1.21	0.45	29.9
6-18	do	19.8	2.48	1.00	49.3
7-16	do	27.2	1.47	0.85	40.0
8-15	do	44.5	1.32	1.10	58.7
9-11	A. E. Johnston	21.0	2.61	1.02	54.7
STAFFORD CANAL—A-2114					
Diverted from Willow Creek—Sec. 15-14-35 W.					
Measurements Made at Headgate					
11-18	A. E. Johnston				0.0
9-11	do	0.8	1.00	0.30	0.8
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					
12-17	A. W. Hall	324.1	2.10	7.30	679.4
12-21	do	359.8	2.36	7.82	849.8
1- 7	A. E. Johnston				0.0
2-26	A. W. Hall	97.6	2.14	3.10	208.4
3- 5	do	531.7	2.45	10.62	1306.8
3-11	do	552.3	2.32	10.70	1282.4
3-18	do	520.0	2.31	10.43	1200.0
4- 8	do	617.2	2.49	11.66	1536.0
4-15	do	438.2	2.08	9.12	910.0
4-28	do	268.9	1.78	6.11	511.8
5- 5	do	261.0	1.70	5.98	443.0
5-12	do	272.7	1.71	6.15	466.5
6-17	do	224.6	1.54	5.19	345.6
SUTHERLAND RESERVOIR SUPPLY CANAL					
Sec. 23-13-34 W.					
Measurements Made Two Miles from Reservoir Inlet					
12-21	A. W. Hall	406.5	1.78	13.36	723.0
3- 6	do	542.0	2.16	11.09	1169.0
3-11	do	532.6	2.20		117.0
3-24	do	454.0	1.83	12.14	832.0
4- 9	do	489.7	2.73		1338.0
4-15	do	458.7	2.40		1010.0
5- 6	do	219.0	0.76	5.05	166.0
6-18	do	275.0	0.74	6.49	203.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
THIRTY MILE CANAL—A-1853, A-1976, A-2077					
Diverted from Platte River and Sutherland Reservoir Sec. 30-12-26 W.					
Measurements Made at Rating Flume					
10- 1	A. E. Johnson				0.0
10-11	do				0.0
11-16	do				0.0
4-10	A. W. Hall	62.8	2.48	3.10	155.6
4-22	do	87.0	2.92	4.35	251.2
5- 8	do	68.0	2.80	3.41	190.5
6-28	do			0.10	0.5
6-29	do	13.0	2.32	0.65	30.2
6-29	do	18.0	2.34	0.87	42.2
6-30	do	34.0	2.50	1.71	85.1
7-23	do	68.0	2.65	3.42	180.3
7-25	do	75.0	2.87	3.75	215.3
9-10	A. E. Johnston				0.0
THOMAS CANAL—A-2057					
Diverted from East Ash Creek—Sec. 19-32-50 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
12- 4	do	0.4	0.97		0.4
4-16	do				0.0
5-16	do	0.2	0.50		0.1
6-15	do	1.2	1.50		1.8
7-13	do				0.0
9- 1	do				0.0
THOMAS CANAL—A-1748					
Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.					
Measurements Made at Headgate					
11- 4	A. E. Johnston				0.0
4-15	do				0.0
5-18	do				0.0
6-20	do				0.0
7-13	do				0.0
9- 1	do				0.0
THOMAS STUART CANAL—D-425					
Diverted from Little Cottonwood Creek—Sec. 8-32-52 W.					
Measurements Made at Headgate					
4-16	A. E. Johnston	0.4	0.50		0.2
5-16	do	0.4	0.25		0.1
6-16	do	0.2	0.50		0.1
7-14	do				0.0
8-31	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
TOBIN CANAL—D-330					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
Measurements Made at Headgate					
3-28	A. E. Johnston	0.8	0.25		0.2
4-28	do	3.4	0.94		3.2
6- 1	do	1.4	0.93		1.3
7- 3	do	0.2	0.25		0.1
8- 1	do				0.0
9-18	do	2.1	0.55		1.6
TODD CANAL—A-520					
Diverted from East Ash Creek—Sec. 5-31-50 W.					
Measurements Made at Headgate					
11- 1	A. E. Johnston				0.0
4-16	do	1.2	1.42		1.7
5-16	do				0.0
6-15	do				0.0
7-13	do				0.0
9- 1	do				0.0
TRACY CANAL—A-870					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston	3.0	1.30	0.95	3.9
11-23	do	2.9	1.86	0.90	5.4
1-23	do	1.3	1.23		1.6
3-26	do				0.0
4-25	do	0.5	0.80	0.50	0.4
5-29	do	2.6	0.81	0.70	2.1
7-23	Johnston-Forsling				0.0
9-16	Johnston-Hanna	0.8	0.62		0.5
TRINNIER CANAL—D-849, A-1551					
Diverted from Greenwood Creek—Sec. 28-18-50 W.					
Measurements Made at Headgate					
10-17	A. E. Johnston	4.3	0.95		4.1
11-21	do				0.0
4-22	do				0.0
5- 8	do	1.9	0.84		1.6
5-27	do	3.2	1.41		4.5
6-10	do	5.0	1.86		9.3
8-26	do	4.3	1.49		6.4
9-14	do	4.2	1.24		5.6
9-28	do	5.6	1.14		6.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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.					
10- 2	F. F. LeFever	262.0	2.13	5.71	559.0
10-16	do				0.0
4-30	M. C. Boyer	57.0	0.74	2.14	42.0
5-12	J. A. Keimig			6.89	844.0
5-18	A. W. Hall	366.0	2.59	7.38	947.7
5-22	M. C. Boyer	402.0	2.77	8.29	1111.0
5-23	J. A. Keimig			8.20	1130.0
6- 5	M. C. Boyer	411.0	2.67	8.02	1099.0
6-11	do	214.0	2.35	5.08	504.4
6-20	do	385.0	2.74	7.83	1053.5
7- 1	do	398.0	2.72	8.09	1082.9
7- 9	do	414.0	2.72	8.18	1123.2
7-15	do	399.0	2.64	1.92	1052.0
7-27	do	398.0	2.65	7.92	1054.9
7-30	J. A. Whiting			7.48	969.0
8- 4	do			7.67	1006.5
8- 7	do			6.54	775.0
8-13	M. C. Boyer	338.0	2.57	7.12	867.5
8-26	do	280.0	2.36	6.14	660.9
8-27	J. A. Whiting			6.30	723.0
9- 2	M. C. Boyer	256.0	2.36	5.84	606.0
9-11	J. A. Whiting			5.93	628.0
9-17	M. C. Boyer	265.0	2.15	5.62	570.0

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.

10- 2	F. F. LeFever	4.6	0.58	1.56	2.6
5-18	A. W. Hall	3.6	1.72	1.37	6.2
5-22	M. C. Boyer	1.6	1.26	1.35	5.6
6- 1	do	4.5	1.40	1.39	6.3
6-11	do	3.2	1.00	0.97	3.2
6-20	do	6.0	1.65	1.75	9.8
7- 1	do	6.5	1.63	1.66	10.6
7-16	do	3.7	1.20	1.16	4.4
8- 1	do	6.0	1.29	1.73	7.7
8-18	do	4.6	1.22	1.35	5.4
9- 2	do	4.7	1.06	1.46	5.0
9-17	do	4.7	1.06	1.42	5.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft
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. 8-23-57 W.					
10- 2	F. F. LeFever	3.6	0.89	1.06	3.2
5-18	A. W. Hall	6.1	0.92	1.92	5.6
5-22	M. C. Boyer	5.3	1.15	1.82	6.1
6- 4	do	5.3	1.00	1.76	5.3
6-11	do				0.0
6-20	do	5.2	1.06	1.75	5.5
7- 1	do	5.0	1.14	1.78	5.7
7-16	do	4.3	0.98	1.72	4.2
8- 1	do	3.9	0.80	1.75	3.2
8-18	do	4.0	1.05	1.76	4.2
9- 2	do	3.5	0.91	1.63	3.2
9-17	do	3.8	0.79	1.70	3.0
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. 13-23-58 W.					
5-18	A. W. Hall				0.0
5-22	M. C. Boyer	2.3	0.83		1.9
6- 4	do	3.1	0.66		2.0
6-11	do				0.0
6-20	do				0.0
7- 1	do	3.2	0.62		2.0
7-16	do				1.5
8-18	do				1.5
9- 2	do				1.5
9-17	do				1.0
TRI-STATE CANAL—D-918, A-660					
Diverted from Akers Draw—Sec. 12-23-57 W.					
Measurements Made at Intersection with Tri-State Canal					
10- 1	F. F. LeFever	7.8	1.48		11.6
4-30	M. C. Boyer				4.0
5-22	do	4.6	1.37		6.2
7- 3	do	17.2	0.77		13.3
7-15	do	7.8	1.20		9.4
8- 1	do	8.0	1.25		10.0
8-18	do	16.6	0.59		9.8
9- 4	do	9.1	1.23		11.2
9-16	do	9.4	1.07		10.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
TRI-STATE CANAL—D-918, A-660					
Diverted from Sheep Creek—Sec. 8-23-57 W.					
Measurements Made at Headgate of Feeder Canal					
10- 2	F. F. LeFever	30.8	2.18	2.38	67.3
4-30	M. C. Boyer			0.00	0.0
5- 8	do	31.6	1.42	1.82	45.0
5-22	do	30.1	1.17	1.87	44.7
7- 2	do	26.7	1.88	1.96	50.0
7-16	do	30.0	1.81	2.06	54.2
8- 1	do	23.8	2.26	2.09	53.8
8-18	do	28.0	2.18	2.20	61.1
9- 3	do	32.3	2.46	2.43	76.4
9-17	do	32.0	2.32	2.38	74.3

TRI-STATE CANAL—D-918, A-660					
Diverted from Dry Spotted Tail Creek—Sec. 9-23-56 W.					
Measurements Made at Intersection with Tri-State Canal					
10- 1	F. F. LeFever	11.8	1.21	1.98	11.7
5- 8	M. C. Boyer				0.0
5-22	do				0.0
6-12	do				0.0
7- 3	do				0.0
7-31	do	12.6	1.75	1.36	22.1
8- 5	do	14.0	1.70	1.38	23.9
8-19	do	13.1	2.08	1.48	27.2
9- 4	do	19.8	1.75	1.84	34.7
9-16	do	14.6	1.68	1.36	24.5

TRI-STATE CANAL—D-918, A-660					
Diverted from Wet Spotted Tail Creek—Sec. 10-23-56 W.					
Measurements Made at South Line—Sec. 3-23-56 W.					
10- 1	F. F. LeFever	14.6	1.08	1.15	15.8
5- 8	M. C. Boyer	9.3	0.75	0.62	7.9
5-22	do	3.6	1.10	0.33	4.0
6-12	do	9.2	1.29	0.76	11.8
7- 3	do	7.5	1.58	0.74	11.8
7-11	do	8.4	1.13	0.75	9.4
7-31	do	10.0	1.18	0.98	11.8
9- 4	do	11.3	1.46	1.18	16.5
8-19	do	8.6	1.33	0.98	11.4
9-16	do	11.2	1.35	1.19	15.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

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	F. F. LeFever	10.6	2.16	1.06	22.9
10-15	do				0.0
5-23	M. C. Boyer				0.0
7-23	do	12.3	1.98	1.15	21.4
8- 5	do	13.6	1.97	1.18	26.7
8-19	do	11.2	1.98	1.19	28.1
9- 4	do	14.6	2.26	1.26	33.0
9-17	do	13.9	1.81	1.18	25.2
9-30	do	10.4	1.69	1.06	17.5

TRI-STATE CANAL—D-918, A-660					
Diverted from Alliance Drain—Sec. 18-22-53 W.					
Measurements Made at Intersection with Tri-State Canal					
10- 1	F. F. LeFever	7.2	1.00	1.57	7.3
7-25	M. C. Boyer	12.5	1.00	0.93	12.1
8- 6	do	11.7	0.96	0.90	11.2
8-20	do	11.9	0.97	0.89	11.5
9- 5	do	11.8	0.80	0.89	9.5
9-17	do	11.5	0.73	0.88	8.4

TUCKER CANAL—D-557					
Diverted from Tucker Creek—Sec. 34-31-54 W.					
Measurements Made below Headgate					
6-16	A. E. Johnston	0.7	0.70		0.5

UNION CANAL—D-763					
Diverted from Blue Creek and Crescent Lake—A-1575					
Sec. 18-16-42 W.					
Measurements Made at Rating Flume					
10- 4	A. E. Johnston	6.7	0.51	1.78	3.4
10-15	do	7.4	0.92	0.65	6.8
11-19	do				0.0
5-26	A. W. Hall	11.6	0.70	2.32	8.1
6-16	do	4.9	0.61	1.60	3.0
7- 9	do	11.5	1.19	2.23	13.7
8-22	A. E. Johnston	11.0	1.03	2.10	11.3
9-12	do	11.2	1.28	2.11	11.3
9-22	M. C. Boyer	12.1	1.11	2.35	13.8
9-30	A. E. Johnston	11.3	1.03	2.21	11.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
URBACH CANAL—D-308					
Diverted from Lodgepole Creek—Sec. 15-14-51 W.					
Measurements Made at Headgate					
10-19	A. E. Johnston				0.0
11-23	do				0.0
3-27	do				0.0
1-27	do				0.0
WARBONNET CANAL—D-548					
Diverted from Warbonnet Creek—Sec. 21-33-56 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmusen	2.0	1.85		3.7
5-14	A. E. Johnston	2.1	0.81		1.7
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
WARBONNET CANAL NO. 2—A-892					
Diverted from Warbonnet Creek—Sec. 20-33-56 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
4-17	Johnston-Rasmusen				0.0
5-14	A. E. Johnston				0.0
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
WARNEKE CANAL—D-505					
Diverted from Niobrara River—Sec. 27-31-57 W.					
Measurements Made at Headgate					
4-20	A. E. Johnston				0.0
5-13	do				0.0
6-17	do				0.0
7-15	do				0.0
WEARIN CANAL—A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W.					
Measurements Made at Rating Flume					
11-23	A. E. Johnston				0.0
3-26	do				0.0
4-25	do				0.0
5-29	do				0.0
7-23	Johnston-Forsling				0.0
9-16	Johnston-Hanna				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WERTZ BROS. CANAL—A-600					
Diverted from Lodgepole Creek—Sec. 12-13-46 W. Measurements Made at Headgate					
4- 1	A. E. Johnston				0.0
WESTERN CANAL—A-393, A-1804					
Diverted from South Platte River—Sec. 14-12-43 W. Measurements Made at Rating Flume					
10-22	A. E. Johnston	33.1	2.92	0.62	96.8
11-26	do				0.0
4- 4	do				0.0
4-29	do	18.0	2.23	1.16	40.2
5- 6	do	15.0	2.71	1.15	40.6
6- 2	do	36.2	0.86	1.18	48.2
6- 9	do			0.80	0.0
6-22	A. W. Hall	54.1	0.70	0.30	38.1
7- 2	A. E. Johnston	15.0	2.17	0.92	32.6
7-31	do	12.0	2.43	0.95	20.2
9-19	do	15.0	2.35	1.00	35.2
WEST HAT CREEK CANAL—D-553a, D-553b					
Diverted from Hat Creek—Sec. 16-32-55 W. Measurements Made below Headgate					
4-17	Johnston-Rasmussen				0.0
5-14	A. E. Johnston	0.8	1.38		1.1
6-18	do				0.0
7-15	do	0.4	1.00		0.4
WHITE RIVER CANAL—D-477					
Diverted from White Clay Creek—Sec. 35-32-52 W. Measurements Made at Headgate					
6-16	A. E. Johnston	1.2	1.50		1.8
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 35-32-52 W. Measurements Made at Rating Flume					
11- 1	A. E. Johnston	3.9	0.70	1.00	2.7
4-16	do				0.0
5-16	do				0.0
6-16	do				0.0
6-20	do				0.0
7-14	do				0.0
8-31	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WHITNEY PIPE LINE—A-1603, A-1604, A-1625, A-1626, A-1660, A-1787					
Diverted from White River—Sec. 26-32-52 W.					
Measurements Made at Intake					
11- 1	A. E. Johnston	3.2	0.51	0.28	1.7
12- 4	do	8.1	1.95	0.95	15.8
1-11	do	9.4	2.65	1.10	24.9
3-13	do	12.0	2.23	1.12	26.8
1-16	do	10.2	2.13	1.00	21.7
5-16	do	7.7	1.08		8.3
6-15	do	6.0	1.01	0.52	6.1
7-13	do				0.0
9- 1	do				0.0
WICKERSHAM CANAL, EAST—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
5-11	A. E. Johnston	0.1	0.20		0.1
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
WICKERSHAM CANAL, WEST—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
5-14	A. E. Johnston	0.9	1.33		1.2
7-15	do				0.0
8-29	do				0.0
WICKERSHAM CANAL—A-2182					
Diverted from Boggy Creek—Sec. 30-33-54 W.					
Measurements Made at Headgate					
3-10	A. E. Johnston	0.7	1.57		1.1
4-17	do	0.8	1.12		0.9
WIEGAND CANAL—A-563					
Diverted from Lodgepole Creek—Sec. 17-13-45 W.					
Measurements Made at Headgate					
1- 4	A. E. Johnston	4.1	0.73		3.0
4-28	do	4.1	0.66		2.7
6- 2	do				0.0
7- 2	do				0.0
7-31	do				0.0
9-18	do				0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WIEGAND CANAL NO. 2—A-1323					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
4- 4	A. E. Johnston				0.0
4-28	do				0.0
WIEGAND CANAL NO. 3—A-1322					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
4- 4	A. E. Johnston	3.4	1.82		6.2
6- 2	do	1.7	0.65		1.1
7- 2	do	0.2	0.20		0.1
7-31	do	3.4	0.44		1.5
9-18	do				0.0
WILDS CANAL—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
Measurements Made at Headgate					
4- 4	A. E. Johnston				0.0
4-28	do				0.0
6- 1	do				0.0
WINTERS CREEK CANAL—D-952					
Diverted from North Platte River—Sec. 17-22-55 W.					
Measurements Made at Rating Flume					
10- 1	F. F. LeFever	20.2	3.03	1.55	61.3
10-15	do				2.0
10-16	do	6.8	1.81	0.54	12.4
10-30	do			0.21	5.0
11- 6	do			0.20	5.0
11-13	do				3.0
12- 4	do			1.02	1.5
5- 1	M. C. Boyer	22.2	1.46	0.90	33.3
5-23	do	32.0	1.42	1.40	45.5
5-27	do	9.4	1.51	0.73	14.1
6-12	do				1.0
6-30	do	34.9	1.51	1.50	52.8
7- 6	do	9.3	2.17	0.74	20.1
7- 8	do	9.2	1.60	0.75	14.7
7-14	do	9.7	1.73	0.78	16.1
7-25	do	9.3	0.97	0.80	9.0
8- 6	do				0.0
8-11	do	13.0	1.50	1.06	19.6
8-19	do	13.0	2.02	1.04	26.2
9-18	do	12.1	1.86	0.84	22.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WINTERS CREEK CANAL—D-952					
Diverted from North Platte River—Sec. 19-22-54 W.					
Measurements Made above Winters Creek					
10-16	F. F. LeFever			1.17	6.0
WINTERS CREEK CANAL—D-952 (O. D. A-1446)					
Diverted from Winters Creek—Sec. 19-22-54 W.					
Measurements Made at Rating Flume					
10- 3	F. F. LeFever	18.0	2.35	1.80	42.3
10-16	do			1.17	6.0
10-30	do			1.63	15.0
11-13	do	15.6	1.22	1.72	19.0
12- 4	do			1.02	1.5
4-24	M. C. Boyer	7.2	0.80	0.64	6.3
5- 1	do				0.0
5-11	do	20.0	2.00	2.02	39.3
5-23	do	25.8	2.21	2.42	57.0
6-30	do			0.44	1.0
7- 6	do	30.2	1.14	2.20	34.3
7- 8	do	27.0	1.56	2.40	42.0
7-13	do	22.0	1.56	2.02	34.2
7-25	do	21.6	1.26	2.00	27.3
7-31	do	21.8	1.43	2.39	31.1
8- 1	do	27.8	1.44	2.96	40.2
8-11	do	19.1	1.42	2.27	27.3
8-17	A. E. Johnston	21.5	1.60	2.47	34.4
8-19	M. C. Boyer	25.4	1.39	3.49	35.3
9-18	do	25.8	1.66	3.14	46.4
9-24	do	25.0	1.86	3.05	46.5
WINTERS CREEK LATERAL—D-952 (O. D. A-1446)					
Diverted from Winters Creek—Sec. 19-22-54 W.					
Measurements Made at Headgate					
10- 3	F. F. LeFever	8.1	1.86	0.90	15.0
10-16	do	7.7	1.68	0.91	13.0
11-13	do	9.2	2.08	1.08	19.0
12- 4	do	5.6	2.13		11.8
4-24	M. C. Boyer	6.5	0.76	0.52	4.9
5- 1	do				0.0
5-11	do	9.1	1.48	0.92	13.4
5-23	do	9.0	2.29	1.30	20.6
6-30	do	6.4	1.76	0.82	11.3
7- 6	do	8.1	2.05	1.18	16.6
7-25	do	10.2	1.92	1.20	19.7
8-11	do	8.1	1.90		15.4
8-17	A. E. Johnston	4.0	2.80	1.20	11.2
9-24	M. C. Boyer	3.4	1.25	0.43	2.7

DISCHARGE MEASUREMENTS OF CANALS—Concluded
Year Ending September 30, 1936

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WINTERS CREEK CANAL—D-952					
Diverted from Scottsbluff Drain No. 1—Sec. 14-22-55 W.					
Measurements Made at Intersection with Winters Creek Canal					
8- 6	M. C. Boyer				12.5
9-11	do				14.0
WOLFE CANAL—D-813					
Diverted from Lodgepole Creek—Sec. 18-13-45 W					
Measurements Made at Headgate					
4- 4	A. E. Johnston	0.8	1.12		0.9
4-28	do	0.5	1.00		0.5
6- 2	do	0.2	0.50		0.1
7- 2	do	1.2	0.25		0.3
7-13	do	0.1	0.50		0.2
9-18	do				0.0
WOODRUFF CANAL—D-536					
Diverted from Jim Creek—Sec. 14-33-57 W.					
Measurements Made at Headgate					
4-17	Johnston-Rasmussen	0.1	1.00		0.1
5-14	A. E. Johnston				0.0
6-18	do				0.0
7-15	do				0.0
8-29	do				0.0
ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek—Sec. 34-33-55 W.					
Measurements Made at Headgate					
10-31	A. E. Johnston				0.0
3-10	do	2.8	1.04		2.9
4-17	Johnston-Rasmussen	1.4	1.14		1.6
5-14	A. E. Johnston	0.2	1.00		0.2
6-18	do				0.0
7-15	do				0.0
8-29	do	0.3	0.33		0.1

REPORT OF THE STATE ENGINEER

PATHFINDER STORAGE RESERVOIR
Daily Content in Acre-feet

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3370	8100	19190	30540	45130	63880	93000	131710	231520	500810	247440	23750
2	3560	8720	19160	30940	45720	64530	93920	136150	240360	495730	238470	20224
3	3710	9110	19780	31840	46350	65520	94960	137600	249170	490000	229730	17110
4	3820	9300	20080	31740	47000	66510	95960	139210	257420	483560	220970	14540
5	3980	9700	20380	32110	47610	67470	97570	140680	265000	476740	212450	12710
6	4120	10100	20680	32550	48310	68180	98800	142060	271860	470440	203970	11510
7	4270	10460	20960	33010	49010	68900	100160	143250	279020	463090	195140	14020
8	4400	10800	21260	33430	49820	69610	101560	144150	287140	451960	186650	9390
9	4540	11180	21580	33900	50740	70290	103200	145250	296200	445970	178630	8330
10	4680	11590	21960	34400	51690	70910	104460	146250	306750	438700	171400	7400
11	4790	12050	22350	34920	52390	71680	105770	147150	318740	429860	164130	6810
12	4920	12530	22870	35410	53080	72560	107110	147960	333080	417110	156940	6234
13	5040	13020	23040	35910	53830	73430	108570	149390	348630	406980	149650	5560
14	5150	13490	23360	36430	54600	74300	109430	150790	364550	397180	142300	5800
15	5280	13960	23770	36940	55060	75300	110260	153170	382240	387680	134620	5740
16	5410	14390	24200	37510	55660	76120	111360	155570	400620	378740	127710	5640
17	5550	14830	24630	38040	56260	77170	112500	158230	419140	369710	121210	5580
18	5710	15230	25120	38600	56860	79170	114140	160570	437140	360480	115080	5570
19	5880	15630	25570	39150	57460	80170	115980	162910	454530	351510	107580	5530
20	6030	16060	25980	39630	58070	81390	117650	165330	468650	342640	100240	5530
21	6190	16480	26420	39960	58880	82570	119330	168920	479910	334100	92770	5550
22	6360	16920	26810	40300	59620	83830	120160	171670	490000	326410	85120	5570
23	6510	17240	26810	40300	60210	84850	121440	174310	497380	318480	77300	5590
24	6740	17700	27300	40950	60770	85920	123010	177030	503430	310900	69650	5610
25	6920	17990	27660	41280	61310	86940	124890	179850	508960	303520	62270	5600
26	7080	18240	28110	41830	61860	88130	126860	183160	511140	296200	54940	5590
27	7240	18360	28490	42350	62400	88750	128760	187570	513330	288740	48370	5620
28	7450	18410	28870	42880	62910	89450	130390	191020	512110	280800	42200	5650
29	7660	18640	29290	43430	.....	90190	131680	202190	510290	272630	36660	5690
30	7890	18920	29710	44000	.....	90970	133210	212200	505950	264710	31900	5720
31	8100	.....	30110	44530	.....	92060	.....	222290	.....	256470	27730	.....

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
INTO PATHFINDER RESERVOIR

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	153	236	211	252	353	388	494	756	4690	2843	252	112
2	179	237	211	251	317	429	481	726	4500	2969	431	149
3	190	265	236	252	368	499	544	731	4457	2581	472	178
4	178	201	226	252	377	499	521	812	4220	2195	388	225
5	204	245	227	236	373	484	832	711	3877	1963	580	137
6	193	277	226	272	353	358	640	695	3530	2215	622	131
7	199	257	221	282	353	363	706	600	3635	1665	397	158
8	198	216	221	261	408	358	726	451	4155	1628	510	170
9	193	267	237	287	464	343	817	551	4649	1422	484	142
10	188	284	267	302	479	313	655	504	5395	1271	551	191
11	184	307	272	312	353	428	689	453	6122	1023	433	356
12	188	317	237	297	348	481	696	408	7312	920	386	353
13	181	322	261	302	378	478	756	721	7957	828	378	297
14	178	312	237	312	317	680	453	817	8332	822	317	365
15	189	312	282	307	303	660	439	1210	8952	900	272	339
16	189	292	291	338	333	610	575	1210	9193	803	518	294
17	196	297	292	317	343	569	591	1190	9918	610	739	255
18	204	277	322	332	342	544	817	1180	9636	548	885	234
19	208	276	302	327	342	532	931	1180	9214	731	354	213
20	198	292	281	292	348	635	842	1472	7731	620	357	201
21	203	287	277	247	449	615	817	1538	6292	555	177	180
22	209	297	286	222	413	655	418	1388	5710	551	182	180
23	214	237	291	196	353	534	645	1316	5186	610	132	189
24	221	257	292	232	307	569	791	1356	5220	755	110	175
25	214	272	232	216	312	541	948	1422	5298	824	250	170
26	204	261	277	327	317	620	993	1669	4636	841	101	165
27	204	135	211	312	312	333	958	2223	4684	747	275	185
28	229	100	244	317	297	373	821	3232	3876	581	221	185
29	227	191	262	327	.....	393	655	4270	3682	486	239	190
30	240	216	262	337	.....	413	771	4895	3038	578	331	185
31	229	.....	266	317	.....	569	.....	3087	.....	402	348	.....
Mean	200	257	258	274	359	494	704	1449	5848	1144	378	210
Max.	210	322	322	338	479	680	993	5087	9918	2009	885	365
Min.	153	100	211	196	297	333	418	408	3058	402	101	112
A. F.	12280	15290	15810	17460	19920	30380	41870	89080	317980	70320	33240	12500

Total acre-feet 696160

Record furnished by the United States Bureau of Reclamation.

**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW PATHFINDER RESERVOIR**

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	83	85	75	50	50	0	20	0	0	5315	4726	2110
2	83	75	75	50	50	0	20	0	0	5300	4328	1920
3	114	68	75	50	50	0	20	0	0	5300	4783	1737
4	123	75	75	50	50	0	20	0	0	5300	4730	1512
5	123	75	75	50	50	0	20	0	0	5277	4817	1056
6	123	75	75	50	15	0	20	0	0	5262	4828	725
7	123	75	75	50	0	0	20	0	0	5247	4775	703
8	123	75	75	50	0	0	20	0	0	5608	4722	688
9	123	75	75	50	0	0	20	0	0	5820	4460	673
10	123	75	75	50	0	31	20	0	0	5824	4135	658
11	123	75	75	50	0	40	20	0	0	5784	4004	616
12	123	75	75	50	0	40	20	0	0	5752	3952	610
13	123	75	75	50	0	40	20	0	0	5811	4005	630
14	123	75	75	50	0	40	20	0	47	5609	3959	245
15	123	75	75	50	0	40	20	0	52	5560	4075	368
16	123	75	75	50	31	40	20	0	89	5196	3998	347
17	123	75	75	50	40	40	20	0	337	5082	3992	287
18	123	75	75	50	40	40	20	0	494	5127	3952	239
19	123	75	75	50	40	28	3	0	496	5147	4096	234
20	123	75	75	50	40	20	0	0	500	4958	4024	201
21	123	75	55	50	40	20	0	0	504	4590	3914	170
22	123	75	190	50	40	20	0	0	506	4520	4004	170
23	123	75	190	50	40	20	0	0	1339	4499	4066	170
24	123	75	45	50	40	20	0	0	2019	4178	3983	170
25	123	75	50	50	40	20	0	0	2350	4150	3937	170
26	123	75	50	50	40	20	0	0	3122	4122	3758	170
27	123	75	50	50	40	20	0	0	3461	4304	3554	170
28	123	75	50	50	40	20	0	0	4422	4195	3308	170
29	123	75	50	50	.....	20	0	0	4464	4471	3008	170
30	123	75	50	50	.....	20	0	0	5091	4492	2712	170
31	123	.....	50	50	.....	20	0	0	.....	4178	2437	.....
Mean	120	75	75	50	28	20	12	0	987	5083	4048	577
Max.	123	85	190	50	50	40	20	0	5091	5824	4828	2110
Min.	83	68	45	50	0	0	0	0	4122	2712	170	.....
A. F.	7390	4470	4620	3070	1540	1230	720	0	58700	312510	248910	34360

Total acre-feet 677,550
Record furnished by the United States Bureau of Reclamation.

GUERNSEY STORAGE RESERVOIR

Daily Contents in Acre-feet

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10670	11280	15530	20870	24600	28020	27210	24760	54080	35390	39880	45310
2	10260	11140	15560	20980	24970	28070	27070	24710	55830	36050	39180	45820
3	9520	11700	15600	21050	25310	28130	26910	24680	55990	36370	38790	44840
4	8770	11960	15610	21140	25640	28390	26780	24810	55580	36370	38790	42680
5	8530	12080	15650	21230	25910	28510	26670	25210	55580	36620	38840	41200
6	8560	12280	15640	21330	26190	28560	26650	25560	55210	36470	38800	39410
7	8610	12500	15710	21640	26510	28700	26510	25850	55160	36950	38900	37020
8	8630	12680	15820	21880	26790	28710	26380	26060	55690	35520	38980	35030
9	8590	12900	15950	22180	27110	28750	26220	26280	55920	34920	38960	33590
10	8560	12960	16120	22440	27370	28750	26120	26680	56060	34850	38840	32530
11	8530	13100	16270	22700	27560	28780	25960	26700	56170	35230	38730	31430
12	8580	13230	16480	22980	27690	28660	25850	27480	55740	35580	39520	30410
13	8740	13380	16740	23160	27820	28560	25660	28026	55920	35940	39540	29220
14	8850	13510	17040	23280	27800	28560	25690	28780	55670	36770	39580	28610
15	8910	13680	17350	23360	27840	28510	25660	29970	55460	38030	39540	27980
16	8990	13810	17710	23600	27750	28470	25670	31330	54880	39170	39320	27470
17	9190	14000	18000	23750	27660	28410	25550	35290	54200	40320	39320	26920
18	9280	14120	18290	23930	27820	28360	25400	36720	54100	41080	40080	26970
19	9510	14310	18600	23860	27850	28320	25270	39680	53390	41840	40040	25310
20	9610	14450	18850	23570	27940	28270	25180	42920	52660	42600	39380	25170
21	9850	14610	19150	23390	28070	28240	25070	46210	51670	43440	38710	25640
22	9970	14730	19420	23360	28300	28170	24990	48790	50400	44100	38770	25730
23	10030	14830	19750	23200	28440	28100	24870	50970	49210	43950	38960	25530
24	10170	15010	19850	23180	28440	28050	24920	53100	47360	43870	39740	25510
25	10370	15180	19950	23220	28360	28000	24920	54100	45690	43600	40760	25400
26	10430	15380	20070	23380	28200	27900	24890	55410	44080	43220	41780	25150
27	10560	15440	20160	23510	28070	27770	24850	56100	38410	42760	42920	25730
28	10680	15380	20240	23700	28910	27660	24890	56060	36830	42260	43980	25530
29	10800	15410	20310	23780	.....	27550	24850	56130	35860	41500	44900	25750
30	10970	15190	20390	23890	.....	27450	24790	60790	35180	40960	45420	26610
31	11140	.....	20650	24290	.....	27320	.....	60180	.....	40480	45670	.....

Record furnished by the United States Bureau of Reclamation.

**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
INTO GUERNSEY RESERVOIR**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	205	206	98	208	256	190	124	165	4155	4125	4296	2862
2	203	203	93	168	279	165	100	150	2137	4669	4242	3066
3	211	209	94	153	300	200	145	175	2430	4958	4360	2712
4	200	209	86	167	243	253	140	230	2408	4855	4510	2271
5	192	185	76	158	249	282	135	371	1909	4989	4535	2068
6	210	192	73	168	250	210	160	362	1634	4951	4512	1938
7	210	178	109	216	275	216	130	336	1492	4978	4538	1806
8	210	175	139	230	254	180	125	296	1326	4995	4572	1567
9	201	160	147	255	261	175	119	291	1193	4983	4544	1340
10	208	159	164	231	212	175	115	392	1074	5251	4472	1243
11	215	148	163	231	184	165	111	386	1066	5501	4324	972
12	220	143	194	245	211	162	110	382	1420	5486	3926	951
13	207	150	205	179	225	165	125	482	1078	5516	3860	865
14	200	146	229	161	216	185	165	538	853	5584	3791	858
15	205	160	226	153	160	180	165	775	777	5636	3790	838
16	205	155	262	225	140	150	205	835	589	5327	3799	804
17	227	158	220	171	166	165	145	2147	567	5310	3910	775
18	215	152	238	204	168	170	100	890	825	5047	4352	632
19	216	154	226	140	236	165	140	1643	541	4893	4070	524
20	210	149	221	112	245	181	115	1849	547	4849	3900	575
21	202	154	221	99	260	175	130	2225	448	4868	3936	543
22	196	148	217	135	266	165	145	1933	471	4820	3940	503
23	200	150	230	79	231	170	139	2014	646	4479	3848	482
24	202	172	164	150	221	165	246	2043	726	4448	3939	470
25	205	177	172	113	115	180	160	1838	707	4398	3808	448
26	200	179	156	140	100	159	150	1764	966	4274	3703	361
27	197	180	163	132	119	144	170	1658	1739	4278	3662	406
28	210	120	135	163	99	140	155	1702	2590	4214	3547	364
29	201	111	139	153	.....	120	155	1877	3168	4179	3463	396
30	203	110	132	215	.....	125	160	2103	3758	4230	3204	389
31	208	.....	209	243	.....	140	.....	6803	.....	4290	3036	.....
Mean	206	163	168	174	212	175	143	1244	1439	4851	4012	1101
Max.	227	209	262	255	300	282	246	6803	4155	5636	4572	3066
Min.	192	110	73	79	99	120	100	150	448	4125	3036	361
A. F.	12680	8700	10320	10700	11760	10720	8500	76510	85640	298300	246730	65510

Total acre-feet 847000

Record furnished by the United States Bureau of Reclamation.

**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GUERNSEY RESERVOIR**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	150	126	78	92	100	135	180	180	7290	4170	4568	2942
2	410	122	78	113	92	140	170	175	1255	4337	4620	2910
3	584	78	74	118	113	170	226	190	2350	4796	4532	3206
4	578	78	91	122	92	122	216	165	2615	4865	4510	3360
5	313	145	56	113	113	221	180	170	1909	4863	4510	2814
6	195	91	78	118	109	185	170	185	1821	5026	4532	2846
7	185	67	74	60	113	145	185	190	1366	5190	4488	3006
8	200	84	84	109	113	175	206	190	1210	5262	4532	2570
9	221	100	81	104	100	155	200	180	1077	5286	4554	2066
10	253	78	78	100	81	175	165	190	1003	5286	4532	1777
11	200	78	88	100	88	150	195	190	1011	5310	4379	1526
12	195	78	88	104	145	222	165	175	1637	5310	3528	1465
13	126	74	71	88	160	216	221	190	967	5334	3850	1465
14	145	81	78	100	226	195	150	155	979	5166	3771	1187
15	175	74	70	113	150	190	180	175	883	5091	3810	1156
16	165	74	81	104	175	185	206	150	891	4752	3910	1061
17	126	78	74	95	211	195	206	150	899	4730	3910	1052
18	170	91	92	113	88	195	175	140	875	4664	3970	1061
19	100	58	70	175	221	185	206	150	899	4510	4090	907
20	160	78	95	258	200	206	160	216	915	4466	4232	495
21	81	74	70	190	195	190	185	551	947	4444	4274	458
22	135	88	81	150	150	200	185	648	1111	4488	3910	558
23	170	100	64	160	160	206	200	915	1246	4554	3752	482
24	131	81	113	160	221	190	221	939	1658	4488	3546	470
25	104	91	122	88	155	185	180	1183	2118	4444	3294	458
26	170	78	95	64	180	210	165	1255	2660	4466	3189	416
27	131	150	118	67	185	210	190	1310	3070	4510	3087	381
28	150	150	95	67	180	195	135	1722	3402	4466	3038	324
29	140	81	104	113	.....	175	175	1690	3657	4532	2974	285
30	117	70	92	109	.....	175	190	1920	3950	4532	2942	258
31	122	.....	78	92	.....	206	.....	5094	.....	4532	2910	.....
Mean	197	90	84	115	147	184	185	669	1854	4770	3928	1431
Max.	584	150	122	258	226	222	226	5094	7230	5334	4620	3360
Min.	81	58	56	60	81	122	135	140	875	4170	2910	258
A. F.	12100	5350	5160	7060	8160	11310	11030	41120	110310	293300	241540	85170

Total acre-feet 831640

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
PASSING WHALEN, WYOMING
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	10	10	10	10	10	30	30	8710	1579	1634	351
2	95	10	10	10	10	10	30	30	953	1562	1625	322
3	384	10	10	10	10	10	30	30	1254	2120	1550	610
4	378	10	10	10	10	10	30	30	1539	1771	1567	790
5	262	10	10	10	10	10	30	30	1116	1725	1558	276
6	15	10	10	10	10	10	30	30	610	1782	1570	330
7	15	10	10	10	10	10	30	30	232	1805	1562	490
8	15	10	10	10	10	10	30	30	30	1828	1593	609
9	15	10	10	10	10	10	30	30	20	1852	1603	677
10	15	13	10	10	10	10	30	30	20	1774	1596	709
11	15	10	10	10	10	10	30	30	385	1787	1459	551
12	10	10	10	10	10	10	30	30	1687	1770	776	488
13	10	10	10	10	10	10	30	30	129	1839	903	500
14	10	10	10	10	10	10	30	30	20	2045	789	582
15	10	10	10	10	10	10	30	30	20	1802	790	567
16	10	10	10	10	10	10	30	30	20	1603	810	472
17	10	10	10	10	10	10	30	1320	20	1671	813	468
18	10	10	10	10	10	10	25	37	292	1683	916	475
19	10	10	10	10	10	10	27	25	20	1609	1091	374
20	10	10	10	10	10	10	30	35	20	1631	1202	276
21	10	10	10	10	10	10	30	96	20	1563	1248	224
22	10	10	10	10	10	12	30	43	20	1591	938	324
23	10	10	10	10	10	30	30	56	20	1607	956	239
24	10	10	10	10	10	30	30	30	158	1474	812	227
25	10	10	10	10	10	30	30	142	284	1468	565	228
26	10	10	10	10	10	30	30	233	760	1525	515	188
27	10	10	10	10	10	30	30	290	1010	1563	411	153
28	10	10	10	10	10	30	30	480	1167	1544	366	96
29	10	10	10	10	.....	30	30	388	1348	1563	310	67
30	10	10	10	10	.....	30	30	640	1484	1531	285	50
31	10	.....	10	10	.....	30	.....	.....	.....	1553	271	.....
Mean	46	10	10	10	10	16	29	274	775	1684	1035	390
Max.	384	13	10	10	10	30	30	4200	8710	2120	1634	790
Min.	10	10	10	10	10	10	25	25	20	1466	271	50
A. F.	2820	600	620	620	560	980	1770	16850	46350	103570	63640	23230
Total acre-feet	261610											

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT TORRINGTON, WYOMING
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	273	282	316	264	230	264	247	215	8640	1280	1610	548
2	290	273	308	238	230	247	290	208	4140	1240	1650	548
3	375	282	264	264	238	264	264	208	3180	1390	1610	622
4	502	282	264	264	255	290	282	215	2870	1410	1610	762
5	524	273	299	238	273	282	273	185	2090	1460	1570	674
6	405	264	299	264	273	308	255	162	1650	1430	1570	548
7	365	273	316	282	255	308	223	156	1390	1540	1520	610
8	345	273	282	264	247	290	215	150	1240	1590	1570	674
9	355	282	290	238	255	299	255	138	958	1540	1650	762
10	345	264	290	238	247	282	264	125	873	1520	1610	822
11	308	290	255	238	247	282	238	132	1460	1480	1480	822
12	299	282	255	247	247	290	238	144	2480	1500	1130	732
13	290	264	264	247	264	299	230	125	2910	1700	994	732
14	282	273	255	223	273	290	223	192	1740	1810	994	762
15	255	264	264	230	308	290	208	282	1150	1740	941	790
16	255	255	308	238	316	264	223	255	830	1570	941	776
17	273	255	299	247	247	273	230	718	518	1570	924	704
18	273	264	290	255	299	238	230	776	732	1610	975	674
19	273	264	273	225	290	247	215	691	635	1590	1030	704
20	255	264	273	200	290	247	185	447	538	1590	1170	635
21	230	255	282	180	290	264	177	524	524	1570	1170	622
22	223	247	273	185	290	247	162	502	491	1570	1050	635
23	230	238	280	190	264	215	150	436	480	1540	975	648
24	247	255	282	165	255	268	177	395	458	1570	958	635
25	238	264	290	219	299	208	247	365	513	1570	856	610
26	223	273	299	208	290	208	230	469	674	1590	776	598
27	238	282	238	200	299	215	223	598	805	1590	718	610
28	247	299	299	200	264	208	223	674	958	1570	660	572
29	234	316	282	208	.....	215	185	718	1110	1570	598	548
30	230	316	264	230	.....	208	200	873	1190	1540	548	524
31	238	.....	273	223	.....	215	.....	3690	.....	1590	548	.....
Mean	294	272	282	230	269	257	225	170	1575	1543	1142	663
Max.	524	316	316	282	316	308	290	3690	8640	1810	1650	822
Min.	223	238	238	180	230	208	150	125	458	1240	548	524
A. F.	18100	16200	17330	14150	14960	15820	13410	28900	93690	94870	70230	39480
Total acre-feet	437100											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT MARTIN

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	410	525	770	2000	2100	1450	894	1850	2430	916	218	410
2	488	549	848	2000	2200	2200	910	1530	2200	668	299	338
3	488	549	995	2000	2300	1930	927	1250	2110	725	236	328
4	525	537	1250	2000	2400	1550	1190	1140	6920	1140	236	299
5	537	537	1150	2000	2130	1210	1030	1050	4410	1030	398	254
6	512	586	1120	2000	1780	1330	1146	961	4000	696	466	201
7	525	610	1120	2000	1660	1440	978	978	3700	549	376	192
8	561	653	1120	2000	1530	1310	801	1060	3510	590	366	236
9	525	696	1120	2000	1400	1350	832	1100	3370	488	366	201
10	466	696	1120	2000	1290	1250	1250	894	3090	454	309	201
11	498	740	1500	1730	1270	1210	1480	894	2560	410	280	218
12	537	785	1500	1950	1270	1250	1380	848	3740	357	254	271
13	525	801	1500	2240	1310	1180	1270	1210	3870	262	227	300
14	586	754	1500	2000	1330	1080	1230	1440	2970	245	201	254
15	537	770	1500	1800	1270	1180	1080	1330	2340	201	210	218
16	586	696	1800	1500	1120	1080	1060	1160	3870	156	280	218
17	561	740	1830	1500	1270	961	1106	1120	9740	170	245	201
18	610	696	1600	1500	1330	995	1080	1460	4600	280	271	192
19	639	696	1550	1500	1250	995	978	2050	3200	347	338	170
20	586	682	1600	1500	1190	1050	863	2430	2560	421	328	134
21	537	711	1620	1200	1310	1010	816	2730	2430	573	245	149
22	549	668	1690	1200	1210	961	816	2910	2160	711	309	192
23	512	682	1640	1200	1190	863	725	2700	1830	801	227	210
24	454	725	1190	1200	639	910	1120	2340	1730	668	218	185
25	500	711	1500	1200	550	995	1930	1950	1570	454	271	201
26	573	711	696	1500	600	844	2820	1780	1730	347	309	236
27	488	770	725	1500	800	879	2480	1950	1640	271	299	328
28	525	725	1400	1500	1200	785	2210	2480	1380	192	254	276
29	573	754	1400	1500	.....	770	2320	1850	1080	142	280	366
30	561	816	1400	1500	.....	711	2080	1980	927	127	280	387
31	561	.....	1400	1500	.....	598	.....	2540	.....	170	338	.....
Mean	533	686	1328	1685	1389	1143	1293	1644	3062	464	288	249
Max.	639	816	1830	2240	2400	2200	2820	2910	9740	1140	466	410
Min.	410	525	696	1200	550	596	725	848	927	127	201	134
A. F.	32780	40800	81630	103600	77160	70270	76940	101100	182200	28500	17720	14830
Total acre-feet	827500											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
AT SUTHERLAND, NEBRASKA

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	*	2040	3840	715	4	89
2	1920	2640	470	3	150
3	1520	2075	260	3	200
4	1415	1700	345	3	170
5	1275	7020	325	3	106
6	1190	6830	430	3	130
7	980	5340	387	3	35
8	1150	4650	195	3	35
9	1330	4150	120	3	35
10	1130	3500	157	3	90
11	1025	3310	195	3	55
12	1020	2740	102	3	30
13	1190	1700	73	3	92
14	1280	3910	55	3	90
15	1380	2560	30	3	90
16	1380	2850	20	3	42
17	1320	3780	10	3	42
18	1600	8460	4	3	20
19	2560	5240	3	10	16
20	3450	3420	3	85	16
21	3960	2620	15	55	18
22	3800	2240	85	315	37
23	3800	1910	480	55	20
24	3015	1775	155	30	55
25	2630	1540	360	20	5
26	2075	1470	85	20	55
27	1800	1420	40	10	37
28	4830	1360	15	85	40
29	4680	1230	10	102	120
30	*	*	2180	1070	6	92	230
31	*	*	*	*	2560	.....	3	90	.....
Mean	2080	3245	165	33	71
Max.	4830	8460	715	315	230
Min.	980	1070	3	3	16
A. F.	*	*	*	*	*	*	129890	193095	10160	2030	4235

*No Record.

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

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	369	434	1160	1210	3000	1300	822	2330	4210	972	92	296
2	369	434	1530	1100	3000	2260	782	2170	2930	665	92	390
3	348	523	1610	1630	3000	2600	740	1760	2330	461	78	420
4	380	593	1350	2900	3510	3310	972	1660	1950	593	75	350
5	390	574	1500	2260	3060	2140	948	1530	7270	538	65	317
6	405	523	1100	2490	2560	1536	1040	1150	7100	629	58	380
7	405	556	1600	2390	1920	1690	996	1260	5580	393	58	380
8	369	593	1600	2390	1920	1870	1020	1150	1900	431	58	338
9	359	629	1600	2230	2030	1790	884	1610	4390	307	58	249
10	318	617	1600	2260	1890	1740	1090	1400	3940	242	58	261
11	369	720	1610	2160	1710	1580	1160	1350	3550	359	55	227
12	369	782	1610	2520	1820	1580	1110	1300	3020	264	89	242
13	369	822	1640	2060	1890	1530	1280	1500	2930	227	89	192
14	390	822	1610	1870	1790	1530	1350	1560	4110	192	61	185
15	420	843	1640	1610	1580	1580	1230	1660	2780	151	61	192
16	491	843	1600	1300	1280	1560	1150	1630	3270	151	61	198
17	593	843	1600	1480	1480	1300	1040	1580	4140	151	52	205
18	702	782	1600	1560	1530	1350	900	1890	8740	139	52	212
19	702	802	1600	1000	1400	1380	780	2890	5180	139	68	192
20	617	802	1600	950	1400	1400	660	3780	3650	139	113	178
21	611	884	1550	1000	1460	1430	550	4250	2850	134	161	158
22	629	861	1550	1240	1350	1350	460	4100	2460	128	227	151
23	647	884	1550	1240	1300	1230	359	3550	2120	123	227	174
24	684	822	1550	1240	740	1140	1840	3180	1980	200	164	161
25	629	861	1550	1240	730	1140	2930	2890	1740	219	227	185
26	479	884	800	1690	720	1040	3020	3330	1690	219	185	198
27	380	1020	234	1750	1040	1020	3150	2090	1630	128	171	219
28	479	1110	479	1750	1020	904	2780	3320	1560	97	227	227
29	479	1090	720	1750	.....	904	2230	5010	1450	97	307	249
30	464	1140	884	1750	.....	761	2290	2490	1300	97	307	307
31	464	.....	1090	1750	.....	702	.....	2970	.....	97	296	.....
Mean	476	772	1391	1725	1777	1528	1928	2385	3504	287	126	248
Max.	702	1140	1610	2520	3510	3660	3150	5320	8740	972	307	420
Min.	348	434	234	950	720	702	359	1260	1300	97	52	151
A. F.	29240	45940	85500	106100	98689	93980	79010	146700	208500	17630	7730	14770
Total acre-feet	933800											

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO

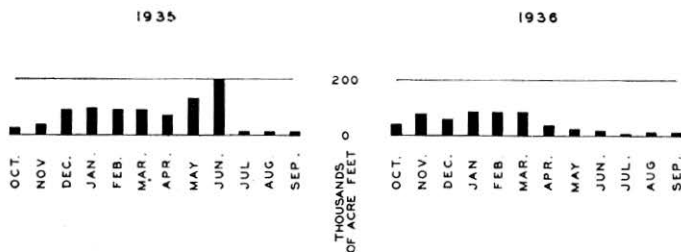
Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	32	44	81	210	138	285	36	125	6811	144	25	27
2	32	45	89	198	126	296	35	119	23950	122	21	27
3	32	45	96	192	120	266	45	118	15890	107	24	26
4	31	45	123	213	105	214	38	121	7510	111	21	27
5	31	42	131	226	90	224	36	117	4375	95	24	26
6	31	42	152	241	74	246	40	104	3322	87	22	26
7	31	43	161	249	68	241	48	85	2576	82	22	29
8	38	42	181	239	63	202	43	86	2128	77	22	31
9	40	45	197	215	61	221	34	80	1766	74	27	26
10	46	48	185	194	56	124	45	79	1480	74	26	31
11	49	48	180	179	55	104	56	64	1300	69	27	33
12	51	46	156	156	56	86	40	63	1208	66	26	57
13	51	44	141	139	54	77	35	109	1769	61	21	82
14	52	48	129	131	57	67	34	155	1172	58	20	91
15	54	49	121	130	69	63	33	188	2011	54	20	94
16	57	48	120	132	62	60	30	239	1957	51	21	89
17	56	45	117	122	108	61	30	321	1969	44	23	59
18	56	47	117	121	108	56	30	389	1487	43	23	50
19	56	48	109	78	95	54	31	520	1536	39	24	46
20	55	45	109	67	79	54	37	710	2095	39	25	45
21	49	44	112	77	67	55	36	864	2036	37	28	41
22	50	44	118	82	76	51	41	1538	1409	38	27	41
23	56	44	109	103	66	59	35	2242	1095	36	40	40
24	68	43	104	105	59	49	63	1679	841	34	38	41
25	49	46	107	127	56	49	106	1437	681	33	36	41
26	50	49	99	130	58	46	136	1633	497	31	26	42
27	46	47	95	200	68	42	155	813	373	31	25	46
28	44	50	99	213	123	41	146	792	288	30	25	46
29	42	55	120	182	.....	41	136	1500	214	30	25	47
30	41	77	163	151	.....	38	127	1851	174	27	21	62
31	41	.....	198	145	.....	35	.....	3310	.....	27	24	.....
Mean	46	47	130	160	79	113	58	769	3238	60	25	46
Max.	68	77	198	249	138	296	155	4851	23950	144	40	94
Min.	31	42	81	67	54	35	30	63	174	27	20	26
A. F.	2810	2790	7980	9810	4380	6910	3150	47300	192600	3680	1550	2750
Total acre-feet	286010											
Record furnished by the State of Colorado												

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

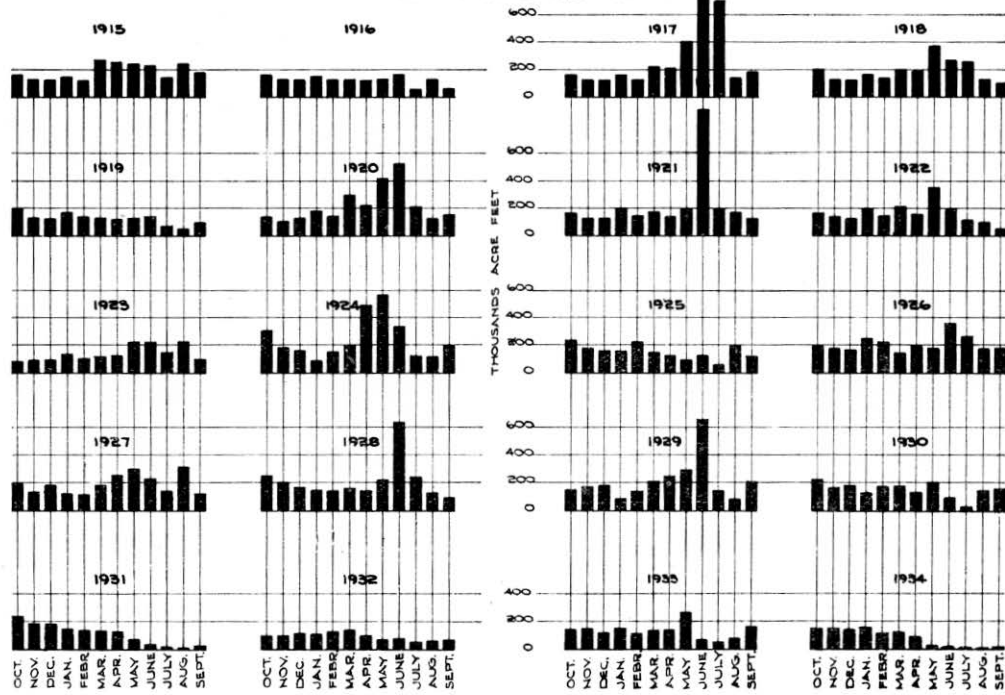
Year Ending September 30, 1935

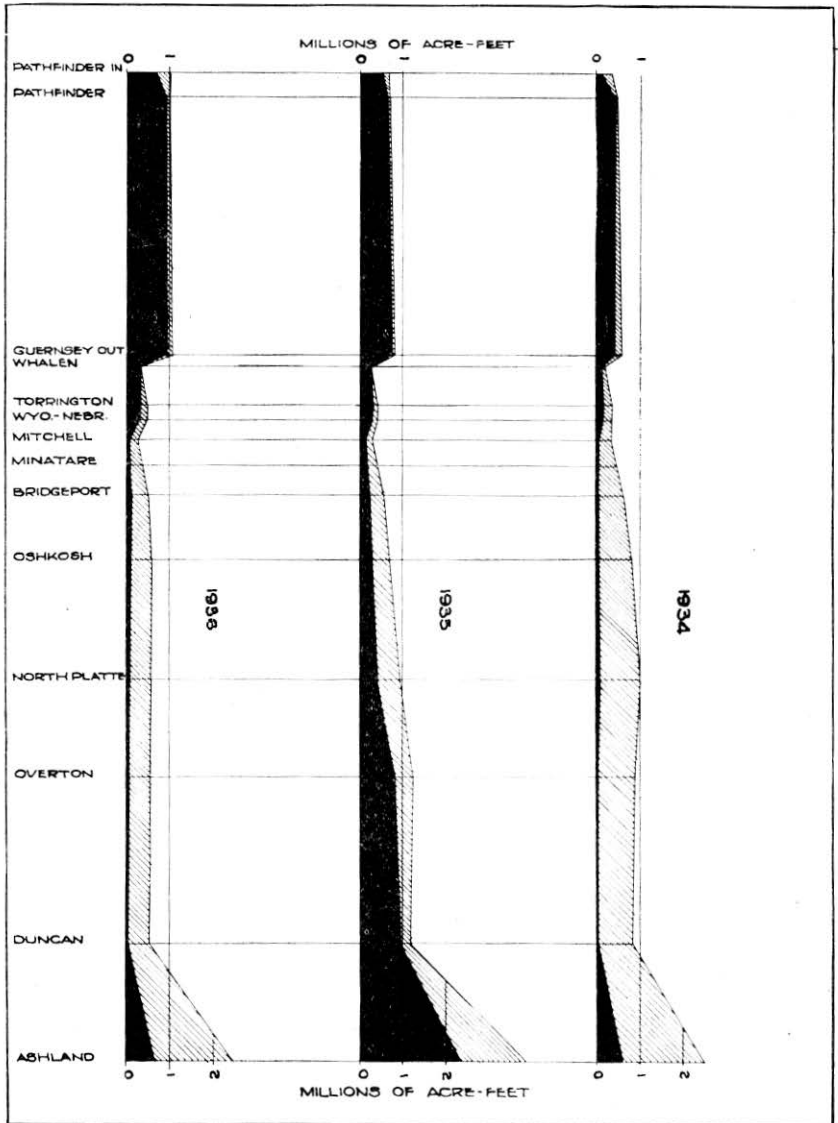
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	160	247	90	1	117	3880	818	0	0
2	0	0	0	210	202	150	1	83	2680	630	0	2
3	0	0	0	250	172	230	1	75	17100	548	0	1
4	0	0	0	280	172	253	1	83	21900	548	0	1
5	0	0	0	305	172	253	2	51	9400	398	0	0
6	0	0	0	290	144	290	2	51	5900	310	0	0
7	0	0	0	300	172	260	2	51	3310	242	0	0
8	0	0	0	330	155	240	2	75	2290	149	0	1
9	0	0	0	300	172	250	2	69	1770	82	0	0
10	0	0	0	353	117	260	22	45	1600	75	0	0
11	0	0	0	493	75	255	14	45	1270	75	0	0
12	0	0	0	172	117	200	14	45	1520	50	0	0
13	0	0	0	144	117	120	10	83	1600	41	0	0
14	0	0	0	140	144	90	7	104	1180	32	0	0
15	0	0	0	130	117	70	7	109	4780	13	0	0
16	0	0	0	120	117	65	7	117	4470	13	0	0
17	0	0	50	110	130	55	7	109	3390	5	0	0
18	0	0	166	88	140	45	3	187	2470	5	0	0
19	0	0	258	72	140	38	3	493	2060	5	0	0
20	0	0	210	68	115	30	1	658	1740	5	0	0
21	0	0	166	66	90	15	1	698	1800	4	0	0
22	0	0	128	70	70	5	0	658	2470	3	1	0
23	0	0	122	80	58	0	0	625	2260	5	1	0
24	0	0	180	90	54	1	96	779	1740	5	0	0
25	0	0	180	96	50	1	423	1380	1220	5	1	0
26	0	0	150	115	50	1	423	1710	1220	5	1	0
27	0	0	135	130	54	1	210	1530	1180	3	1	0
28	0	0	115	160	60	1	128	1910	1110	3	1	0
29	0	0	120	180	.....	1	128	3810	996	1	1	0
30	0	0	125	220	.....	1	128	3160	886	0	0	0
31	0	.....	135	230	.....	1	.....	1060	.....	0	0	.....
Mean	0	0	72	186	122	106	55	644	3640	132	0.2	0.2
Max.	0	0	258	493	247	290	423	3810	21900	818	1.0	2.0
Min.	0	0	0	66	50	0	0	45	886	0	0.0	0.0
A. F.	0	0	4440	11410	6790	6190	3260	39610	216600	8090	14.0	10.0
Total acre-feet	296700											

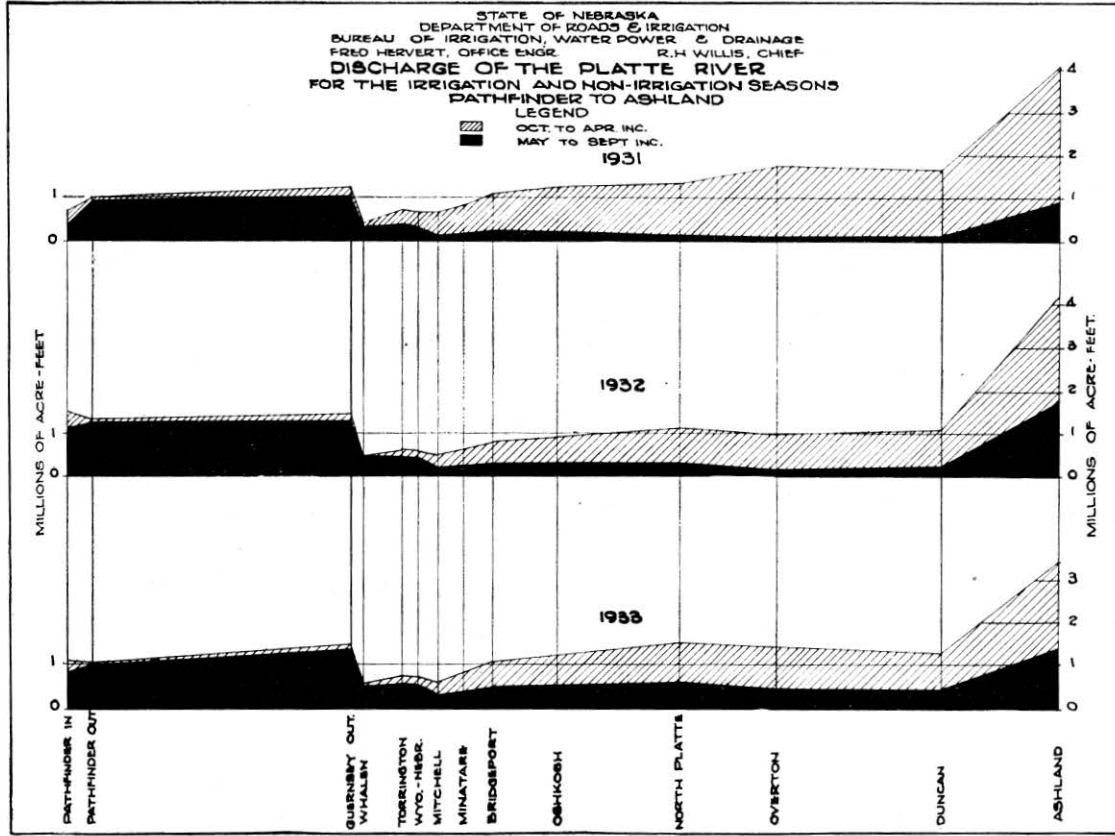
STATE OF NEBRASKA
DEPARTMENT OF ROADS AND IRRIGATION
BUREAU OF IRRIGATION WATER POWER AND DRAINAGE
R. H. WILLIS, CHIEF
DISCHARGE OF NORTH PLATTE RIVER
AT
NORTH PLATTE
WATER YEARS 1935 AND 1936



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 1915-1934







REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT OVERTON

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	.....	2170	1140	118	2450	21500	2110	0	123
2	0	0	0	.....	2550	1790	97	2260	18300	1760	0	308
3	0	0	0	.....	2650	2220	74	1860	11500	1460	0	337
4	0	0	0	.....	2800	3460	50	1690	7330	1230	0	286
5	0	0	0	.....	3250	3150	32	1460	29400	955	0	175
6	0	0	0	.....	3190	2760	21	1310	18300	692	0	118
7	0	0	323	.....	3010	2560	18	1230	15800	604	0	88
8	0	0	308	.....	3060	2030	12	1230	11000	502	0	128
9	0	0	265	.....	2890	2140	9	1140	8240	385	0	214
10	0	0	294	.....	2890	2220	16	1170	8020	308	0	206
11	0	0	337	.....	2720	2260	152	2640	6860	214	0	152
12	0	0	463	.....	2520	2070	144	2110	6100	152	0	128
13	0	0	670	.....	2330	1890	463	1690	5340	102	0	97
14	0	0	1230	.....	2600	1720	444	1530	4700	56	0	74
15	0	0	1760	.....	2640	1620	424	1430	4120	21	0	53
16	0	0	2410	.....	2260	1720	424	1400	3860	8	0	38
17	0	0	2330	.....	2110	1340	385	1400	4350	6	0	19
18	0	0	2600	.....	2070	1230	337	2800	18700	4	0	11
19	0	0	2560	.....	1930	1140	308	4580	13200	3	0	8
20	0	0	2760	.....	1860	1090	251	5490	13000	0	0	7
21	0	0	2850	.....	1960	1030	206	5950	8940	0	0	6
22	0	0	2520	.....	2110	930	183	5950	6440	0	0	5
23	0	0	1720	.....	2030	905	152	5280	4830	0	0	5
24	0	0	1500	.....	1720	830	134	4470	4070	0	0	5
25	0	0	1100	.....	714	736	128	4290	3860	0	0	4
26	0	0	950	.....	626	604	1500	4020	3550	0	0	4
27	0	0	950	.....	550	482	5490	4530	3320	0	0	4
28	0	0	950	.....	850	366	5150	5870	3040	0	3	4
29	0	0	950	.....	.....	251	4180	5490	2760	0	47	4
30	0	0	1200	.....	.....	183	2890	13700	2490	0	53	4
31	0	.....	1400	.....	.....	144	.....	18300	.....	0	60	.....
Mean	0	0	1110	1530	2227	1549	806	3830	9096	341	5	87
Max.	0	0	2850	.....	3250	5150	5490	18300	29400	2110	60	337
Min.	0	0	0	.....	550	144	9	1140	2490	0	0	4
A. F.	0	0	68230	94080	123700	95230	47960	235500	541300	20970	323	5170
Total acre-feet	1322000											

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT GRAND ISLAND

Date	Year Ending September 30, 1935												
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	0	0	0	570	1500	1210	375	2400	30700	1630	0	0	
2	0	0	0	666	1800	2280	324	1940	29100	1350	0	0	
3	0	0	0	703	2400	1900	282	1510	24200	1080	0	0	
4	0	0	0	712	3000	2480	234	1480	15300	907	0	32	
5	0	0	0	781	3500	2130	180	1460	9740	907	0	117	
6	0	0	0	834	3400	1500	142	1400	30100	841	0	117	
7	0	0	0	890	3000	1200	158	1280	23000	540	0	94	
8	0	0	0	946	2800	2000	135	1170	17700	452	0	176	
9	0	0	0	1050	2500	2400	180	1120	13800	440	0	151	
10	0	0	0	1170	2700	2200	202	1070	10200	392	0	257	
11	0	0	0	1100	2800	2360	172	1070	7600	296	0	317	
12	0	0	0	1200	3000	2050	150	1560	6130	230	0	286	
13	0	0	0	1100	3500	1900	122	2440	4790	100	0	142	
14	0	0	0	1000	3790	1730	76	2050	4370	29	0	23	
15	0	0	0	900	2800	1510	50	1510	3850	8	0	2	
16	0	0	0	700	2130	1230	109	1140	3260	2	0	0	
17	0	0	0	700	1940	1480	52	1170	4860	0	0	0	
18	0	0	0	700	1940	1760	48	1940	7350	0	0	0	
19	0	0	0	700	1680	1460	52	3660	15900	0	0	0	
20	0	0	0	700	1260	1380	34	5340	13100	0	0	0	
21	0	0	0	248	400	1170	1320	23	5540	13600	0	0	
22	0	0	0	495	450	1120	1300	13	5490	8200	0	0	
23	0	0	0	560	600	1140	1210	15	5340	5070	0	0	
24	0	0	0	570	781	1060	1070	96	4640	3610	0	0	
25	0	0	0	612	807	876	932	307	1110	3420	0	0	
26	0	0	0	712	876	729	832	195	3610	3370	0	0	
27	0	0	0	528	876	768	729	135	3610	2530	0	0	
28	0	0	0	456	800	932	654	48	3660	2990	0	0	
29	0	0	0	486	918	.....	594	2010	4930	3730	0	0
30	0	0	0	549	976	.....	496	2840	4970	2430	0	0
31	0	.....	549	1100	.....	.....	438	.....	8770	.....	0	0
Mean	0	0	0	187	843	2146	1177	293	2946	10800	297	0	57
Max.	0	0	0	742	1400	3790	2480	2840	8770	30700	1630	0	317
Min.	0	0	0	400	729	438	13	1070	2430	0	0	0	0
A. F.	0	0	0	11190	51820	117500	30790	17150	181200	64270	18260	0	3400
Total acre-feet	1135000												

REPORT OF THE STATE ENGINEER

PATHFINDER STORAGE RESERVOIR

Daily Contents in Acre-Feet

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5980	18430	40800	53980	68830	83070	125130	271000	365940	413480	206450	34840
2	6290	19230	41330	51400	69870	83830	126200	278790	369980	407280	200780	30140
3	6630	19920	41700	57490	69680	84660	126770	286900	380620	400520	195550	26040
4	6990	20590	42200	55180	70390	85340	127900	294340	391820	393740	192680	22140
5	7320	21360	42580	55540	70910	87020	129340	302020	396010	386240	191950	18810
6	7670	22170	43010	55900	71400	88200	130870	309240	404280	378580	191010	16120
7	7980	23010	43460	56260	71890	89720	132360	315850	414080	371060	187920	13810
8	8270	24150	44030	56620	72380	91250	134230	322420	422400	363300	184390	11880
9	8550	25340	44640	56950	72870	92770	136100	327540	430490	355110	180580	10300
10	8840	26600	45260	57280	73360	94320	138090	331230	438400	346830	176540	8870
11	9180	26330	45610	57860	73980	95840	140050	333430	446080	338720	173780	7636
12	9550	26700	46210	58440	74600	97370	142700	334570	453220	330790	169350	7810
13	9850	27420	46770	59030	74310	98930	146700	333960	460340	323540	164400	7880
14	10130	28150	47330	59560	74700	100400	152450	333250	466980	318220	159680	7880
15	10420	28910	47750	60090	75100	101980	158280	339700	473800	312660	153420	7880
16	10720	29560	48170	60610	75500	103490	164830	341750	480480	306950	140780	7930
17	11030	30480	48450	61150	75890	104960	174340	342640	484020	300850	133990	7950
18	11320	31420	48730	61700	76360	106500	183390	344690	485620	294980	133990	7930
19	11680	32300	48960	62240	76830	108100	193250	347460	485270	288740	127100	7930
20	11990	33200	49120	62780	77330	109780	202670	349710	484250	282280	120180	7890
21	12350	33900	49460	63260	77870	111320	212070	351330	480480	275710	112990	7840
22	12770	34640	50050	63740	78430	113030	219200	352950	475380	269330	105960	7810
23	13220	35390	50360	64230	78980	114270	225840	354390	470000	262680	98720	7800
24	13770	36160	50850	64730	79540	115440	230690	354570	463870	256760	91380	7800
25	14330	36960	51000	65220	80090	116570	237000	355020	456780	250490	83830	7780
26	14930	37760	51400	65720	80650	117960	239100	355840	449000	244280	76110	7800
27	15530	38390	51840	66210	81200	119430	243920	355810	441260	237980	69080	7940
28	16160	38930	52240	66740	81760	120940	250050	356660	433640	231540	60490	8050
29	16790	39680	52680	67270	82310	122480	256550	357750	427060	225030	53290	8190
30	17420	40300	53110	67810	.....	123980	263500	358390	419850	218420	46410	8320
31	18060	.....	53560	68350	.....	124790	.....	362210	.....	212260	40180	.....

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
INTO PATHFINDER RESERVOIR

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	211	361	326	286	307	433	471	5272	7451	1547	780	290
2	234	376	341	286	307	433	237	4939	7590	1548	801	186
3	246	422	261	271	307	428	287	4672	8993	1255	964	182
4	256	411	326	271	307	595	570	4341	7280	1126	1635	186
5	240	461	266	255	313	595	726	4486	6939	1017	1813	213
6	251	483	291	255	297	595	771	4829	6568	764	1640	217
7	230	498	301	256	297	767	751	5456	7021	851	1359	200
8	230	649	361	256	297	772	943	6181	5804	652	1286	209
9	215	674	382	240	297	767	943	5639	5073	530	1141	209
10	220	437	387	240	297	781	1063	4944	4665	488	1021	192
11	245	210	266	366	212	766	988	4498	4440	491	827	186
12	261	261	361	350	206	771	1336	3675	4169	495	899	264
13	225	437	356	348	212	787	2017	3681	4167	806	612	243
14	215	442	356	317	247	761	3315	4044	3945	1718	680	215
15	220	457	286	317	252	777	3310	4618	4053	1835	548	216
16	225	462	286	312	252	761	3756	5232	3970	1510	651	212
17	230	538	215	322	247	741	5151	5797	3899	1410	656	230
18	220	548	215	328	287	777	5882	6567	3898	1108	467	245
19	246	518	190	322	287	806	5692	7276	3691	951	407	236
20	241	328	151	322	302	847	5180	7231	3661	845	381	233
21	255	127	245	292	322	777	5246	6912	3073	783	363	227
22	286	147	372	292	332	862	3243	6936	2697	864	338	224
23	301	451	230	297	327	625	5232	6832	2700	716	325	221
24	351	461	220	302	332	589	4881	6250	2695	763	300	224
25	356	477	250	297	327	589	5017	6429	2403	540	280	215
26	376	477	276	302	332	701	5231	6057	2001	536	260	229
27	376	392	296	297	327	736	5148	6178	2068	529	240	229
28	392	346	276	317	332	766	5330	6557	2176	382	220	273
29	392	452	296	317	327	625	5273	6685	2029	401	200	278
30	392	387	291	322	.....	605	5007	6992	1485	418	200	269
31	396	.....	301	322	.....	711	.....	7070	.....	623	200	.....
Mean	275	448	290	299	293	694	3185	5677	4321	887	693	217
Max.	396	674	387	366	332	862	5882	7276	8093	1835	1813	290
Min.	211	210	151	240	206	428	237	3675	1185	382	200	182
A. F.	16910	26640	17810	18400	16840	42700	189570	349110	257150	51560	42620	13340

Total acre-feet 1,045,650.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
OUTFLOW PATHFINDER RESERVOIR
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	74	74	74	50	50	0	1445	5470	4625	3635	2632
2	78	74	74	74	50	50	0	1030	5177	4558	3602	2518
3	74	74	74	74	50	10	0	531	2702	4537	3570	2243
4	74	74	74	74	50	0	0	336	1607	4530	3076	2015
5	74	74	74	74	50	0	0	538	4816	4523	2137	1763
6	74	74	74	74	50	0	0	1056	2393	4502	2060	1557
7	74	74	74	74	50	0	0	2062	1962	4474	2856	1329
8	74	74	74	74	50	0	0	2813	1481	4446	3006	1096
9	74	74	74	74	50	0	0	3018	908	4323	2983	917
10	74	74	74	74	50	0	0	3018	598	4337	3001	825
11	74	74	74	74	50	0	0	3018	462	4316	2153	794
12	71	74	71	71	57	50	0	3030	462	4481	3078	168
13	74	74	74	74	51	50	0	0	3917	464	4432	3060
14	74	74	74	74	50	50	0	416	4331	466	4425	3024
15	74	74	74	74	50	50	0	401	1264	466	4552	3856
16	74	74	74	74	50	50	0	403	1075	466	4551	3810
17	74	74	74	74	50	50	0	406	3231	1961	4086	3765
18	74	74	74	74	50	50	0	814	5452	2941	4026	3820
19	74	74	74	74	50	50	0	1225	5808	3679	3993	3765
20	74	74	74	74	50	50	0	730	3966	4040	3977	3773
21	74	74	74	74	50	50	0	506	6014	4815	4010	3895
22	74	74	74	74	50	50	0	1618	6030	5091	3991	3830
23	74	74	74	74	50	50	0	1885	6051	5267	3977	3842
24	74	74	74	74	50	50	0	2436	6062	5637	3631	3752
25	74	74	74	74	50	50	0	3000	6062	5830	3615	3807
26	74	74	74	74	50	50	0	3012	5510	5810	3596	3962
27	74	74	74	74	50	50	0	3018	6062	5782	3604	4047
28	74	74	74	74	50	50	0	2241	6062	5810	3596	3858
29	74	74	74	74	50	50	0	1996	6062	5211	3370	3041
30	74	74	74	74	50	50	0	1503	6070	4960	3679	3407
31	74	-----	74	50	-----	-----	-----	5524	-----	-----	3660	3138
Mean	74	74	74	59	50	3	855	3991	3234	4169	3388	734
Max.	80	74	74	74	50	50	3018	6070	5830	4625	4047	2832
Min.	74	74	74	50	50	0	0	531	462	3570	2153	168
A. F.	4570	4400	4550	3610	2880	220	50860	245390	192470	256320	208290	43660
Total acre-feet	1,017,220.											

GUERNSEY STORAGE RESERVOIR
DAILY CONTENTS IN ACRE-FEET
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	25900	26590	27560	26010	25590	23440	35200	47170	26940	21870	29900	27390
2	25750	26370	27640	26060	25550	29120	31850	49520	28440	21800	30240	27020
3	25560	26330	27810	26090	25530	29630	31650	51060	30170	22610	30720	26510
4	25560	26090	27480	26030	25100	30410	34470	52110	32020	22860	31910	26300
5	25630	25880	27280	26040	25240	31190	34110	52510	33790	23090	34000	25880
6	25790	25820	27000	26060	25080	31990	33370	51100	37080	23150	35480	24760
7	25960	25790	26940	25950	24920	32650	32830	48350	41080	23340	35080	24160
8	25960	25820	26860	25850	24860	33180	32330	44940	43990	23660	33770	24160
9	25930	25910	26840	25750	24670	34380	31700	40700	47340	23720	31970	24790
10	25910	26020	26810	25690	24600	35160	30900	38140	49520	23610	31570	25070
11	25980	25740	26880	25710	24470	35180	30050	36790	51100	23300	31060	24810
12	25010	25530	26910	25720	24290	35860	28950	35520	51630	23400	30290	24870
13	26010	25340	26910	25790	24220	36050	28100	33320	51870	24210	28440	25310
14	26150	25400	26910	25790	24090	36180	27310	31260	51580	26110	26230	26650
15	26190	25480	26750	25760	23960	36340	26680	28930	51040	27150	24400	27850
16	26220	25550	26570	25790	23890	36430	25820	27950	48840	28006	22550	26440
17	26230	25790	26330	25850	23780	36340	24010	25290	44540	28310	20790	28780
18	26250	25980	26140	25910	23630	36200	24040	19070	39500	28600	20170	28850
19	26270	26150	26140	25930	23490	36030	23180	17590	31040	29440	19390	28950
20	26300	26410	26040	26010	23360	35910	23390	17110	27980	29430	18690	29100
21	26360	26490	25930	26040	23220	35940	23240	17070	24490	29290	18600	29270
22	26330	26650	25850	26010	23060	35970	23090	17200	22400	29330	19070	29390
23	26330	26940	25880	25960	23150	36010	25850	17500	20770	29610	19830	29580
24	26350	27100	25800	25900	24200	35970	26360	17990	19670	29850	20730	29630
25	26390	27230	26750	25960	25850	35860	26830	18720	18900	30210	21370	29730
26	26130	27310	25850	25960	26354	35780	29340	18610	18420	30200	21690	29940
27	26460	27290	25880	26010	26970	35800	32760	20190	18640	30140	22700	30120
28	26490	27390	25950	25910	27420	35710	36810	20730	19020	30040	23680	30310
29	26350	27560	25980	25880	27910	35650	40880	21680	20090	29630	25020	30460
30	26570	27560	26040	26710	-----	35710	44650	23210	21300	29460	26220	30530
31	26570	-----	26030	25640	-----	35580	-----	25100	-----	29630	27050	-----

Record furnished by the United States Bureau of Reclamation.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
INTO GUERNSEY RESERVOIR
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	379	221	212	221	170	177	104	2371	5859	5288	3466	3465
2	304	201	225	200	191	183	87	2207	5506	1805	3481	3198
3	350	101	232	251	175	142	105	1933	5382	4138	3572	3042
4	335	116	203	201	176	178	116	1723	5351	4358	3558	2788
5	342	126	147	221	111	563	176	1572	4782	4369	3518	2554
6	350	212	127	205	150	578	204	1151	3885	4283	3301	2282
7	332	213	160	182	105	539	187	1022	3591	4328	2953	2076
8	285	217	155	191	181	603	311	1010	3897	4291	2346	1922
9	276	282	180	166	157	624	331	1098	2476	4262	2211	1736
10	270	308	227	176	150	609	357	1919	2192	4282	2836	1574
11	272	160	267	165	150	361	352	2685	1882	4266	2913	1366
12	252	161	211	170	116	397	246	3017	1328	4366	2069	1224
13	217	179	226	210	176	302	253	2801	1174	4508	2978	1102
14	251	256	200	211	150	292	246	2942	889	4848	2638	1116
15	252	287	114	206	151	287	260	3141	799	4634	2928	974
16	252	251	81	231	150	230	217	3976	674	4319	2938	737
17	227	311	121	220	155	208	321	3081	806	4361	2865	582
18	232	304	141	220	145	236	405	1528	825	4352	3538	439
19	232	307	206	220	156	237	590	4163	817	4233	3497	460
20	211	321	166	230	155	209	827	1900	995	3900	3538	457
21	211	210	182	236	146	190	866	5242	2473	3854	3650	432
22	243	271	176	201	140	195	1311	5495	3113	4045	3693	406
23	242	317	205	212	215	180	1863	5653	3842	3849	3733	454
24	236	275	213	190	729	186	1262	5725	1124	3797	3765	389
25	226	261	217	190	1047	170	1259	5798	1802	3782	3888	425
26	226	252	250	221	585	181	2304	5831	5044	3625	3609	487
27	231	247	226	229	305	190	2746	5802	3397	3593	3595	432
28	221	240	230	223	397	187	5042	5363	5477	3406	3770	448
29	256	240	226	211	392	177	3074	5705	5495	3321	3848	480
30	226	246	225	173	.....	.....	2304	5865	5496	3407	3777	444
31	232	.....	232	160	.....	167	.....	5862	.....	3452	3658	.....
Mean	269	239	195	204	245	334	880	3576	3303	4118	3317	1248
Max.	394	347	267	254	1017	624	3074	5865	5859	5288	3847	3465
Min.	221	101	81	160	105	167	87	1022	674	3321	2244	380
A. F.	16530	11250	11970	12560	11080	20330	52380	219920	196560	255060	203960	74290
Total	Acre-feet 1,091,890.											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER,
OUTFLOW OF GUERNSEY RESERVOIR
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	434	211	242	231	195	150	296	1103	4932	5001	3330	3291
2	470	211	185	175	211	140	264	1112	4840	4840	3342	3384
3	446	222	217	236	185	185	206	1457	4510	4630	3320	3258
4	335	237	269	231	242	185	237	1194	4422	4232	2958	2891
5	307	232	258	216	221	170	358	1370	3890	4253	2465	2768
6	269	242	258	195	231	175	476	1817	2226	4253	2555	2816
7	247	258	190	237	185	206	500	2352	1574	4232	3155	2380
8	285	232	195	212	211	185	566	2860	1422	4130	3006	1897
9	291	237	200	216	253	170	650	3206	1695	4232	3121	1444
10	280	232	242	206	185	216	760	3240	1191	4337	3038	1133
11	237	304	242	155	216	200	780	3366	1085	4422	3170	1497
12	237	269	216	175	237	206	801	3657	1061	4346	3348	1494
13	247	274	226	175	211	206	682	3940	1053	4190	3910	880
14	180	226	200	211	216	226	614	3950	1045	3890	3752	440
15	232	247	195	221	216	206	578	4316	1061	4110	3850	369
16	237	246	175	246	185	185	650	4470	1783	3890	3870	440
17	222	190	242	180	211	253	780	4422	2974	4190	3752	410
18	222	206	237	190	221	307	813	4664	3366	4190	3850	404
19	222	224	206	200	226	313	872	4969	3600	3830	3890	410
20	226	190	216	200	221	264	872	5112	4050	3890	3890	381
21	211	200	237	221	216	190	944	5262	4232	3950	3695	346
22	258	190	216	216	221	180	933	5130	4466	3970	3456	346
23	242	200	190	237	170	160	925	5592	4664	3733	3350	358
24	226	195	253	190	170	206	1005	5478	4978	3676	3342	364
25	206	195	242	190	216	226	1022	5430	5190	3600	3366	375
26	206	247	180	221	180	221	1039	5382	5286	3600	3312	381
27	216	222	211	195	185	180	1022	5358	5286	3564	3223	344
28	206	190	195	274	170	222	1030	5382	5286	3456	3276	352
29	206	155	211	226	145	206	1022	5286	4955	3528	3172	404
30	216	216	195	258	.....	.....	200	1054	4886	3492	3172	404
31	232	.....	237	195	.....	232	.....	4909	.....	3366	3240	.....
Mean	260	223	220	211	205	206	728	3894	3371	4103	3359	1490
Max.	470	304	269	274	253	313	1054	5592	5286	5001	3910	3384
Min.	180	155	175	155	145	140	206	1103	1045	3366	2465	344
A. F.	15970	13260	13500	12950	11810	12660	43310	239470	200360	246730	206530	70790
Total	Acre-feet 1,087,340.											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
PASSING WHALEN, WYOMING
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	204	20	20	10	15	10	40	37	2122	2006	871	719
2	250	20	20	10	10	10	50	24	2000	1917	875	754
3	246	20	20	10	10	10	20	32	1883	1268	872	661
4	135	20	20	10	10	10	50	37	1895	1381	802	700
5	107	20	20	10	10	25	20	55	1753	1517	559	159
6	75	20	20	10	10	25	35	182	1050	1543	690	200
7	30	20	20	20	10	25	138	482	400	1537	1252	149
8	71	20	20	10	10	25	82	1000	285	1512	1260	183
9	75	20	20	10	20	25	35	1185	518	1507	1237	268
10	87	112	20	10	10	25	20	1543	255	1671	1017	247
11	30	83	20	10	10	25	45	1556	91	1719	949	298
12	42	30	20	20	20	25	47	1472	107	1688	854	255
13	30	25	10	20	10	62	50	1492	98	1635	1030	304
14	30	20	10	20	45	36	1323	84	1478	830	202	
15	30	20	10	15	10	25	20	1483	96	1686	900	53
16	30	20	10	10	10	25	20	1568	577	1593	982	94
17	30	20	10	15	10	87	23	1482	1548	1830	815	107
18	25	20	10	10	20	130	28	1691	1741	1896	787	102
19	20	20	10	10	10	149	45	1805	1743	1590	818	107
20	20	20	10	10	10	91	54	1901	1756	1511	860	103
21	20	20	10	10	10	52	28	1901	1645	1498	725	83
22	20	20	10	15	20	47	20	1982	1727	1521	614	44
23	20	20	10	10	10	47	20	2085	1916	1378	503	56
24	20	20	10	10	10	47	40	2121	2160	1301	539	66
25	20	20	10	15	10	45	43	2106	2222	1221	544	73
26	20	20	10	10	10	45	48	2059	2229	1211	554	77
27	30	20	10	10	10	45	39	2071	2238	1161	545	58
28	20	20	10	10	10	45	33	2200	2201	1039	646	67
29	20	20	20	10	10	40	36	2196	1892	985	698	97
30	20	20	10	10	.....	40	31	2221	1870	948	725	113
31	20	.....	25	10	.....	40	.....	2138	.....	882	735	.....
Mean	58	26	16	12	12	44	40	1411	1338	1475	812	213
Max.	250	112	25	20	20	149	138	2221	2238	2006	1260	754
Min.	20	20	10	10	10	10	20	24	84	882	539	41
A. F.	3560	1530	1000	710	690	2690	2370	86740	79610	90690	49960	12670
Total Acre-feet	332,220											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT TORRINGTON, WYOMING
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	548	502	345	375	365	458	360	204	1900	1900	982	882
2	585	480	415	365	325	458	380	285	1870	1900	946	878
3	598	469	405	365	316	458	390	285	1850	1509	982	910
4	560	469	415	365	315	480	350	277	1900	1420	1020	1350
5	535	491	415	345	310	447	310	277	1920	1480	862	830
6	502	502	375	355	340	458	205	269	1960	1540	846	882
7	502	469	415	360	340	436	280	430	1990	1540	1250	624
8	469	480	365	360	320	447	348	830	1170	1520	1400	572
9	425	458	375	365	280	405	330	1230	1040	1590	1350	610
10	415	458	375	365	330	385	321	1310	1040	1630	1230	610
11	385	436	385	375	320	365	269	1230	736	1720	1110	638
12	385	447	395	405	314	355	166	1210	508	1810	982	624
13	365	436	385	395	350	335	303	1290	535	1720	1070	610
14	375	447	365	405	320	316	624	1250	498	1540	1040	610
15	405	458	365	405	300	299	598	1130	463	1590	1050	572
16	447	458	355	385	330	273	560	1190	548	1460	1070	560
17	458	447	365	375	280	273	485	1250	1350	1630	982	560
18	447	447	355	370	310	273	441	1330	1720	1630	1040	560
19	436	458	320	365	310	282	419	1420	1680	1400	1020	560
20	436	436	360	365	330	264	408	1480	1680	1310	1020	535
21	425	436	385	365	320	264	375	1570	1630	1310	894	522
22	425	447	425	355	340	264	357	1320	1650	1440	830	535
23	480	436	395	365	380	264	366	1630	1790	1440	798	522
24	469	415	395	385	440	308	330	1630	1900	1350	798	510
25	458	395	458	385	450	345	339	1700	1920	1330	798	498
26	458	425	395	345	450	345	339	1700	2000	1420	782	441
27	436	436	425	355	430	345	321	1740	2030	1350	814	498
28	436	425	345	355	410	308	204	1870	1990	1290	830	510
29	447	395	345	316	430	325	303	1920	1790	1170	891	455
30	502	395	308	325	.....	325	303	1870	1790	1150	910	498
31	502	.....	316	355	.....	380	.....	1900	.....	1070	894	.....
Mean	462	448	378	367	347	353	362	1204	1500	1489	983	625
Max.	598	502	425	405	450	480	624	1920	2060	1900	1400	1350
Min.	365	395	308	316	280	264	166	269	463	1070	782	441
A. F.	28400	26680	23250	22550	19940	21700	21570	74020	89250	91540	60440	37180
Total Acre-feet	516,500											

**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT WYOMING-NEBRASKA LINE
Year Ending September 30, 1936**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	510	297	308	412	390	410	426	225	1770	1650	1070	737
2	578	297	292	394	370	433	440	185	1700	1650	1080	758
3	642	333	314	377	350	471	448	177	1680	1310	1100	802
4	642	303	297	377	350	471	426	181	1750	1150	1160	1210
5	595	361	333	365	360	426	377	153	2060	1230	950	950
6	557	377	426	370	360	412	244	135	1800	1260	869	780
7	527	361	433	375	340	419	339	164	2000	1240	1010	748
8	552	358	391	375	320	433	391	412	1200	1260	1160	668
9	561	339	370	375	300	405	351	799	1170	1300	1170	688
10	544	303	398	380	310	405	370	1110	1080	1360	1070	716
11	541	241	405	405	350	426	297	1170	834	1600	986	688
12	535	292	394	405	345	426	281	1210	707	1750	998	707
13	502	320	381	384	330	405	364	1230	659	1650	1010	697
14	495	327	377	384	315	398	733	1210	568	1550	974	688
15	479	314	377	384	310	426	834	1200	478	1570	1030	659
16	479	314	351	377	305	412	578	1240	466	1180	1140	607
17	471	314	370	377	305	405	456	1110	1070	1400	1050	614
18	487	292	405	375	315	412	419	1140	1190	1650	1010	614
19	502	314	433	380	330	426	391	1170	1490	1490	974	591
20	487	308	419	385	350	419	384	1270	1480	1310	998	583
21	419	308	426	390	370	433	364	1300	1420	1380	915	560
22	308	297	426	395	400	412	339	1370	1370	1380	892	538
23	308	270	391	398	420	384	339	1510	1480	1440	834	538
24	320	276	377	405	473	370	308	1510	1650	1380	823	525
25	327	254	398	405	480	384	333	1510	1750	1310	812	525
26	320	292	463	400	470	377	333	1550	1750	1330	802	560
27	314	303	479	380	450	384	327	1590	1770	1280	834	552
28	276	314	448	350	440	315	314	1680	1770	1230	816	552
29	297	297	405	310	430	377	314	1800	1590	1140	802	538
30	297	308	358	370	-----	377	251	1870	1540	1150	769	532
31	503	-----	391	385	-----	410	-----	1820	-----	1100	758	-----
Mean	458	310	388	383	367	411	392	1067	1388	1391	961	664
Max.	642	377	479	412	480	471	834	1870	2060	1750	1170	1210
Min.	276	244	292	340	300	315	241	135	466	1100	758	525
A. F.	28180	18430	23860	23530	21100	25300	23350	65640	82580	85550	59260	39520
Total	Acre-feet 496,300.											

**DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT MITCHELL.
Year Ending September 30, 1936**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	154	330	558	550	460	696	356	189	579	558	179	143
2	144	324	549	545	460	660	421	189	608	601	129	143
3	144	305	558	535	455	660	504	181	637	508	129	129
4	164	330	567	530	455	680	549	179	673	274	179	163
5	154	318	586	525	450	700	549	143	798	210	260	256
6	149	350	624	490	450	670	445	119	939	210	189	158
7	149	330	634	490	445	650	495	124	1080	216	179	131
8	159	350	644	510	420	630	530	110	630	222	233	114
9	219	363	614	535	380	600	512	222	895	216	222	109
10	261	350	634	560	395	580	453	339	1010	227	163	105
11	286	337	644	580	410	576	421	412	717	294	129	114
12	255	428	644	560	390	580	378	306	608	480	163	119
13	242	436	644	555	370	570	363	194	529	538	181	114
14	273	478	624	512	330	555	540	168	391	522	129	114
15	453	470	614	520	300	550	604	124	339	439	105	121
16	478	470	586	520	300	545	644	91	287	452	109	174
17	462	470	604	462	330	520	445	82	227	372	134	121
18	453	436	576	414	370	495	392	86	210	452	124	119
19	440	428	586	414	410	460	356	82	256	146	134	119
20	420	478	567	421	456	430	350	79	262	345	129	114
21	400	512	487	436	510	385	343	75	262	306	124	119
22	390	510	595	445	590	360	330	79	262	274	119	124
23	385	512	604	462	625	355	324	124	239	352	124	119
24	392	512	614	460	665	370	318	216	251	345	119	111
25	392	504	595	450	670	385	305	210	459	309	119	114
26	385	540	521	445	670	385	311	233	515	268	129	138
27	363	521	504	440	650	378	286	216	565	250	131	138
28	337	549	504	430	645	370	280	262	579	222	158	129
29	337	549	495	430	640	356	219	378	637	181	174	119
30	330	558	504	430	-----	356	196	480	529	174	163	114
31	324	-----	500	440	-----	343	-----	558	-----	179	158	-----
Mean	307	436	580	487	472	511	407	202	532	337	150	131
Max.	478	558	644	580	670	700	644	558	1080	601	233	256
Min.	144	305	487	414	300	343	196	75	210	174	105	105
A. F.	18890	25940	35660	29940	27180	31110	24240	12430	31680	20750	9250	7770
Total	Acre-feet 275,100.											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT MINATARE

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	353	611	770	770	599	1040	731	397	470	505	225	209
2	341	542	800	785	599	962	717	382	487	592	225	216
3	317	583	815	770	583	815	675	371	590	634	306	213
4	305	710	830	755	569	815	745	325	757	459	340	232
5	274	740	830	725	569	815	773	300	1120	254	305	261
6	274	800	878	695	667	785	821	239	1270	169	295	295
7	284	740	878	695	695	770	723	229	1210	134	271	255
8	317	639	911	740	667	755	751	275	1190	148	271	211
9	329	597	894	770	667	740	915	273	1560	152	302	155
10	583	583	878	800	667	667	713	317	1760	140	245	125
11	725	625	928	770	611	695	597	477	1250	151	193	116
12	695	639	894	770	555	695	501	402	975	314	175	118
13	555	653	878	755	464	710	430	305	828	660	215	132
14	516	710	928	725	389	695	509	209	670	665	220	151
15	583	770	878	755	329	695	847	163	520	577	202	143
16	725	815	845	755	284	695	1070	124	445	543	192	156
17	740	830	800	695	294	667	1040	110	427	541	188	204
18	725	815	740	401	341	667	871	75	389	455	168	196
19	755	755	725	365	425	625	789	46	371	603	138	193
20	770	755	710	681	529	597	746	32	350	380	132	197
21	800	785	710	878	667	555	676	34	312	326	149	210
22	770	785	800	815	894	516	636	30	268	306	148	218
23	785	770	830	681	944	529	593	35	250	264	133	197
24	725	725	785	710	928	583	541	51	215	272	143	179
25	755	725	725	725	894	625	505	97	292	251	126	181
26	785	755	681	667	894	639	487	118	429	241	110	234
27	755	770	770	611	878	653	475	124	497	276	104	309
28	710	770	785	550	862	653	473	127	530	291	129	312
29	681	785	755	477	845	611	449	188	601	264	183	310
30	681	755	710	500	-----	639	399	408	590	275	206	302
31	625	-----	710	600	-----	667	-----	435	-----	238	211	-----
Mean	588	718	800	690	631	693	673	216	687	357	202	208
Max.	800	830	928	878	944	1040	1070	477	1760	665	340	312
Min.	274	542	681	365	284	516	399	30	215	134	104	116
A. F.	36170	42720	49730	42430	36320	42600	40060	13290	40900	21980	12400	12360
Total	Acre-feet 391,000.											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT BRIDGEPORT

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	549	909	924	878	744	1460	924	538	394	439	351	293
2	549	818	942	878	717	1400	909	450	476	549	381	258
3	549	818	959	878	717	1460	994	484	558	548	467	268
4	536	894	909	848	744	1470	1080	474	713	566	538	291
5	490	1050	894	818	772	1500	1050	465	1350	409	320	288
6	480	1100	1060	772	802	1390	1050	436	1240	242	275	308
7	512	1080	1140	721	802	1320	1030	396	1230	165	248	311
8	597	1030	1150	721	703	1280	1030	380	1300	273	207	279
9	662	1010	1190	772	536	1230	1210	381	1980	200	189	266
10	717	863	1170	1010	580	1150	1140	414	1950	232	191	234
11	894	994	1190	1460	648	1100	909	609	1780	310	166	247
12	994	1100	1240	1460	648	1060	833	677	1480	455	155	247
13	942	1190	1300	1280	585	1060	731	523	1280	545	313	293
14	924	1120	1260	1190	549	1050	703	342	1020	705	355	304
15	924	1030	1150	1100	536	1100	787	276	770	686	371	317
16	994	977	1120	960	536	1060	959	220	609	576	339	296
17	959	1060	1030	772	536	1060	1010	189	495	567	338	273
18	942	1080	994	675	512	1080	802	174	382	515	343	295
19	959	1050	950	675	512	1060	744	136	313	418	258	292
20	1010	1010	900	924	634	977	744	114	302	463	262	268
21	1010	1010	900	1190	1100	994	717	93	283	425	307	270
22	977	1050	1000	1370	1460	994	731	82	278	335	304	270
23	942	1050	1100	1320	1520	994	772	79	240	282	295	278
24	848	1030	1140	1190	1520	909	759	68	243	316	299	269
25	848	994	1140	1100	1520	977	702	61	210	402	268	272
26	894	994	909	977	1500	909	667	62	212	397	210	350
27	909	959	850	924	1480	878	663	69	187	453	210	453
28	894	942	800	863	1480	878	658	100	170	450	227	425
29	863	924	750	818	1460	894	641	126	287	439	234	411
30	848	924	800	802	-----	942	616	191	407	459	275	430
31	848	-----	850	772	-----	924	-----	326	-----	469	297	-----
Mean	809	1002	1023	972	891	1115	852	290	738	430	290	302
Max.	1010	1190	1300	1460	1520	1500	1210	677	1980	705	538	453
Min.	480	818	750	675	512	878	616	61	170	165	155	234
A. F.	49710	59620	62900	59740	51240	68550	50710	17840	43910	26420	17840	17940
Total	Acre-feet 526,400.											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT LISCO

Date	Year Ending September 30, 1936												
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	444	998	1150	1360	820	1630	980	898	314	311	424	212	
2	465	966	1130	1290	790	1600	800	784	486	372	333	239	
3	465	950	1090	1260	620	1570	650	760	608	424	475	239	
4	508	1010	1050	1200	530	1550	900	677	688	434	541	257	
5	508	1170	998	1110	829	1530	1020	563	772	382	465	257	
6	486	1190	1110	1060	677	1510	1100	563	1170	285	239	239	
7	519	1150	1170	1030	712	1600	1210	519	1220	194	162	194	
8	541	1130	1200	1000	554	1470	1220	544	1340	118	125	239	
9	574	1090	1220	1030	585	1450	1400	631	1690	155	98	212	
10	608	1030	1300	1110	642	1360	1340	563	2440	140	93	239	
11	642	966	1340	1340	700	1280	1220	552	2240	98	93	239	
12	760	1010	1260	1620	700	1200	1080	760	1960	221	93	239	
13	846	1150	1280	1670	688	1210	966	718	1580	393	132	275	
14	808	1090	1280	1200	666	1210	924	620	1300	508	333	324	
15	808	1080	1340	885	631	1240	937	403	1030	631	451	343	
16	833	1130	1300	846	620	1170	966	275	796	571	465	343	
17	898	1220	1280	796	596	1130	1190	230	642	465	465	333	
18	898	1280	1240	760	585	1150	1190	203	541	465	465	285	
19	898	1260	1300	736	612	1190	1060	170	444	444	465	304	
20	911	1150	1340	760	820	1190	950	148	343	304	424	285	
21	924	1060	1200	817	1400	1080	885	132	304	324	333	257	
22	966	1110	1300	1030	1880	1080	872	194	248	324	239	248	
23	966	1130	1400	1510	1940	1080	911	194	221	239	185	257	
24	966	1130	1400	1400	1880	1090	966	110	185	185	178	239	
25	911	1150	1400	1240	1820	1190	937	93	162	194	194	248	
26	911	1200	1200	1110	1820	1210	1010	81	140	285	185	311	
27	966	1190	1050	1090	1820	1130	966	75	140	333	185	333	
28	950	1150	850	950	1790	1040	898	110	132	362	185	444	
29	998	1110	700	885	1670	1030	859	178	132	424	178	497	
30	998	1110	750	859	982	966	155	212	444	162	497
31	950	1000	989	1090	125	434	178
Mean	772	1112	1182	1092	1005	1276	1013	389	783	337	275	286
Max.	998	1280	1400	1670	1940	1630	1400	898	2440	631	541	497
Min.	444	950	700	736	530	982	650	75	132	98	93	194
A. F.	47460	66170	72650	67150	57790	78670	60300	23910	46370	20750	16930	17030
Total	Acre-feet 574,800.												

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT OSHKOSH

Date	Year Ending September 30, 1936												
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	510	1020	1390	1210	956	2780	1050	1020	53	136	378	210	
2	539	976	1350	1210	800	2820	1000	791	185	230	402	217	
3	525	1170	1320	1210	640	2850	900	689	319	284	497	230	
4	525	1120	1300	1100	539	2640	1200	639	378	434	662	223	
5	525	1260	1320	995	611	2400	1350	627	732	311	517	239	
6	496	1320	1300	858	720	2200	1580	615	1130	290	378	230	
7	525	1210	1420	858	768	1920	1300	568	1280	223	250	204	
8	525	1280	1370	752	768	1700	1260	662	1320	198	166	172	
9	554	1230	1390	722	688	1420	1440	805	1560	160	166	178	
10	582	1320	1440	898	672	1320	1420	747	1630	148	75	204	
11	640	1210	1510	1100	737	1170	1370	662	2160	90	62	210	
12	720	1280	1370	1440	800	1150	1179	671	2080	112	67	185	
13	858	1280	1370	1730	800	1300	1000	776	1860	223	78	185	
14	917	1280	1460	1930	768	1350	982	674	1610	319	124	198	
15	898	1370	1440	1800	768	1320	1020	527	1150	536	263	223	
16	936	1260	1320	1680	720	1280	964	378	928	497	334	230	
17	898	1280	1320	1440	688	1190	1150	304	703	434	371	243	
18	956	1390	1250	720	688	1170	1260	230	546	371	378	236	
19	917	1420	1220	549	688	1150	1150	172	458	378	402	250	
20	256	1420	1200	593	720	1150	1060	148	348	319	426	243	
21	936	1280	1150	640	768	1100	892	136	304	236	394	230	
22	976	1320	1150	768	898	1150	791	204	236	263	356	210	
23	1020	1370	1100	995	1210	1190	762	198	160	236	277	210	
24	1020	1320	1050	1320	1240	1120	791	160	124	194	243	210	
25	1040	1260	1050	1560	1730	1170	910	106	112	160	230	236	
26	1040	1260	1000	1390	1930	1190	1150	67	112	178	230	297	
27	1020	1300	1000	1210	2320	1230	1100	46	106	348	223	319	
28	976	1390	950	1060	2600	1120	964	46	90	319	217	341	
29	995	1300	958	956	2740	1040	820	90	106	356	198	410	
30	1020	1370	900	936	.....	1150	1020	78	95	402	178	434
31	976	.....	1050	956	.....	1120	.....	53	.....	418	172	.....
Mean	807	1272	1239	1116	1034	1512	1094	414	729	284	279	240
Max.	1040	1420	1510	1930	2740	2850	1580	1020	2160	536	662	434
Min.	496	976	900	549	539	1040	762	53	53	90	62	172
A. F.	49630	75680	76190	68600	59450	92950	65110	25450	43390	17450	17160	14280
Total	Acre-feet 605,300.												

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT MARTIN

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	398	1290	1270	1600	1030	3300	1050	1160	149	114	347	178
2	121	1210	1250	1600	995	3350	1000	1110	210	127	290	163
3	432	1080	1160	1480	910	3100	950	927	163	163	366	185
4	454	1230	1270	1330	863	3200	1300	801	338	201	653	254
5	500	1500	1330	1210	879	2820	1800	668	682	192	639	309
6	451	1690	1420	1080	910	2740	1700	740	863	227	454	299
7	525	1660	1420	961	910	2550	1600	668	995	185	357	271
8	537	1570	1470	910	832	2320	1600	785	1310	227	236	245
9	549	1690	1450	832	711	1900	1780	1080	1570	192	156	219
10	573	1440	1500	1090	682	1880	1730	1310	1690	134	82	192
11	621	1330	1650	1270	653	1730	1600	1080	1880	76	76	178
12	725	1420	1600	1480	680	1550	1180	848	2260	76	82	236
13	785	1530	1550	1530	754	1610	1350	725	2130	156	114	245
14	818	1620	1500	1710	832	1600	1190	910	1850	149	114	236
15	961	1400	1600	2000	910	1480	1110	832	1480	290	120	227
16	978	1530	1700	1900	910	1380	1030	624	1120	432	192	210
17	894	1570	1400	1480	879	1190	1010	466	927	488	347	236
18	961	1350	1350	1180	863	1420	1120	328	639	432	410	280
19	1050	1460	1250	995	848	1420	1380	262	188	318	500	309
20	1140	1350	1000	754	848	1410	1420	236	328	299	711	290
21	1100	1380	1100	930	1080	1180	1230	218	262	218	561	280
22	1120	1310	1500	1080	1380	1250	1110	236	218	114	432	254
23	1160	1290	1500	1330	1710	1250	1210	178	210	98	280	245
24	1180	1330	1400	1600	2000	1400	1120	127	170	156	227	201
25	1190	1530	1400	1710	2260	1550	1080	111	109	120	201	227
26	1190	1480	1400	1780	2100	1310	1230	104	104	98	170	290
27	1180	1570	1300	1710	2480	1440	1310	104	87	92	185	328
28	1230	1460	1200	1270	2910	1500	1120	156	65	170	170	376
29	1250	1350	1000	995	3230	1270	1630	280	70	328	163	421
30	1270	1290	1100	910	.....	1270	1100	170	92	387	178	366
31	1270	.....	1400	910	.....	1680	.....	134	.....	410	170	.....
Mean	869	1427	1369	1310	1253	1894	1293	562	749	215	290	258
Max.	1270	1690	1700	2000	3230	3400	1800	1310	2260	488	711	421
Min.	398	1080	1000	751	653	1080	950	104	65	76	76	163
A. F.	53150	84930	84180	80560	72100	113900	76960	34530	44550	13250	17840	15370
Total Acre-foot	688,600.											

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT SUTHERLAND

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	462	28	5	7	5
2	241	26	5	6	5
3	51	25	6	6	6
4	40	163	4	8	7
5	25	348	3	19	10
6	20	54	2	19	6
7	208	97	2	16	3
8	713	389	2	13	3
9	1040	295	1	10	2
10	724	205	1	6	2
11	548	160	1	3	2
12	163	124	2	2	2
13	192	108	3	2	2
14	132	116	2	2	6
15	169	130	2	1	12
16	85	122	2	1	8
17	48	128	2	1	6
18	27	151	1	1	4
19	19	225	3	3	2
20	54	200	7	89	4
21	23	42	6	175	14
22	111	15	3	183	12
23	114	10	2	192	8
24	20	8	1	298	6
25	16	6	1	126	4
26	15	7	1	34	4
27	16	6	1	8	4
28	22	5	2	6	10
29	38	4	4	4	24
30	32	3	51	3	110
31	24	.....	21	2	.....
Mean	174	107	5	40	10
Max.	1040	389	51	298	110
Min.	15	3	1	1	2
A. F.	10700	6350	296	2470	581
Total Acre-foot	24,570.											
*No Record.												

REPORT OF THE STATE ENGINEER

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

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	369	1180	1350	822	1450	3600	338	1160	227	139	102	108
2	369	1090	1110	822	1530	3800	611	629	307	82	97	113
3	348	782	2460	782	1530	3900	574	405	296	50	92	108
4	338	904	1450	720	1400	4000	702	256	296	50	102	158
5	369	1070	1210	684	1230	4500	684	234	574	47	123	178
6	405	1380	1420	642	1210	4240	494	234	802	50	118	171
7	494	2000	1400	822	1230	3310	1020	279	464	41	118	158
8	523	1840	1450	1040	1260	2060	1610	925	286	41	113	128
9	629	1630	1350	1660	1230	1480	904	1690	523	41	85	123
10	647	1430	1210	1710	1160	822	802	1060	611	41	85	128
11	647	1280	1300	1760	1110	593	523	1070	369	38	89	128
12	720	1350	1280	1820	1060	556	390	611	256	47	72	128
13	740	1330	1400	1920	1060	523	338	359	227	47	72	128
14	761	996	1280	2060	1110	479	307	307	234	50	65	118
15	720	1160	1070	2360	1160	464	296	264	256	50	55	123
16	702	1480	1020	2590	1230	508	271	286	205	55	52	151
17	864	1580	802	2120	1230	449	286	279	205	58	47	171
18	972	1710	508	1280	1210	434	434	242	279	50	36	158
19	1090	1580	479	925	1210	300	538	205	271	50	38	151
20	1180	1380	464	884	1110	389	972	205	307	55	55	139
21	1230	1400	420	925	1090	380	1300	192	279	55	219	139
22	1090	1400	420	1230	1160	380	1180	256	192	55	242	151
23	1040	1400	538	1530	1400	380	1140	538	128	55	256	158
24	1040	1480	702	1790	1710	328	1160	317	82	52	234	158
25	1040	1500	700	2000	2060	434	1180	231	75	52	256	144
26	1090	1710	650	2140	2460	479	1230	198	65	52	212	139
27	1140	2060	680	2200	2820	684	1280	192	97	61	178	161
28	1110	1430	675	2200	3310	611	1210	205	151	61	123	171
29	1070	1480	680	1920	3450	494	782	242	144	72	113	198
30	1140	1450	650	1710	-----	300	996	234	151	78	113	212
31	1140	-----	720	1530	-----	348	-----	227	-----	97	113	-----
Mean	807	1415	996	1503	1523	1335	785	456	279	57	119	147
Max.	1230	2060	2460	2590	3450	4500	1610	1690	802	139	256	212
Min.	338	782	420	642	1060	328	271	192	65	38	36	108
A. F.	49620	84180	61220	92430	87630	82110	46710	28040	16580	3510	7290	8730
Total	Acre-feet 568,053											

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	81	83	93	279	302	317	78	41	44	24	25	32
2	96	80	97	282	285	293	82	42	52	23	23	32
3	99	81	99	282	298	285	128	40	96	22	25	32
4	91	98	100	284	262	274	174	39	91	22	29	38
5	89	110	131	288	273	246	160	40	93	20	112	40
6	89	112	162	248	279	202	161	39	80	21	220	43
7	88	108	205	180	278	170	144	39	76	20	342	44
8	89	103	214	153	268	152	110	49	73	19	281	44
9	90	100	224	158	275	135	97	79	100	19	192	41
10	94	98	237	187	295	119	77	76	108	18	127	41
11	98	95	247	242	293	104	64	71	79	18	89	39
12	98	94	263	274	308	97	59	68	72	18	67	36
13	93	93	266	301	307	94	55	61	69	18	54	36
14	87	103	271	302	315	88	53	59	62	19	43	35
15	73	105	272	308	314	81	53	55	58	19	39	36
16	67	102	284	303	321	82	48	46	54	18	34	36
17	61	98	293	286	319	78	43	46	52	18	33	36
18	59	94	282	126	319	72	44	46	49	17	32	37
19	68	84	287	172	320	78	46	46	45	18	31	34
20	76	90	285	190	318	82	45	45	36	18	32	34
21	77	95	289	234	324	72	37	45	39	19	47	32
22	75	98	275	292	327	65	36	48	41	19	36	32
23	73	98	280	368	355	64	36	42	30	18	35	31
24	73	98	279	345	387	72	36	41	28	19	34	31
25	74	99	289	325	450	124	35	40	28	21	34	30
26	75	99	279	308	443	107	38	38	28	20	33	30
27	77	101	268	301	416	119	39	39	27	20	32	30
28	77	99	273	300	397	106	38	43	25	20	32	30
29	77	95	285	304	344	101	39	52	25	21	32	34
30	78	92	291	293	-----	87	42	43	24	28	32	33
31	82	-----	296	300	-----	73	-----	42	-----	26	32	-----
Mean	81	97	239	285	323	130	70	48	56	20	71	35
Max.	99	112	296	368	450	317	174	79	108	28	342	44
Min.	59	80	93	126	262	64	35	38	24	17	23	30
A. F.	5010	5760	14710	16290	18570	8020	4160	2980	3340	1230	4380	2100
Total	Acre-feet, 80550.											
Record furnished by the State of Colorado.												

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

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	60	220	.....	300	45	10	32	0	0	0
2	3	1	58	220	.....	350	60	40	32	0	0	0
3	1	1	56	220	.....	350	110	32	109	0	0	0
4	1	0	53	160	.....	912	159	32	32	0	0	0
5	1	0	51	160	.....	721	219	32	119	0	0	0
6	3	0	73	166	.....	550	234	20	114	0	0	0
7	3	0	70	150	.....	550	204	20	93	0	0	0
8	2	0	65	160	.....	504	172	80	60	0	0	0
9	2	0	63	170	.....	401	172	111	84	0	0	0
10	2	0	82	180	.....	356	242	191	68	0	0	0
11	1	0	79	200	.....	320	198	191	72	0	0	0
12	1	0	70	220	.....	224	146	80	72	0	0	0
13	1	0	93	240	.....	190	109	80	38	0	0	0
14	0	0	90	240	.....	151	98	76	38	0	0	0
15	0	0	79	240	.....	116	76	40	38	0	0	0
16	0	0	70	240	.....	114	22	38	76	0	0	0
17	0	106	21	180	.....	98	22	38	76	0	0	0
18	0	134	34	150	.....	93	16	20	40	0	0	0
19	0	96	48	170	.....	93	15	16	40	0	0	0
20	0	93	73	180	.....	80	15	16	40	0	0	0
21	0	90	73	190	.....	40	15	16	18	0	0	0
22	0	87	73	205	.....	32	16	9	18	0	0	0
23	0	82	73	220	.....	27	16	27	18	0	0	0
24	0	79	73	240	.....	11	12	16	8	0	0	0
25	0	76	70	200	.....	32	20	9	8	0	0	0
26	0	82	70	180	.....	60	35	14	3	0	0	0
27	0	84	75	170	.....	80	52	30	3	0	0	0
28	0	73	90	160	.....	80	65	40	0	0	0	0
29	0	65	170	160	.....	72	70	153	0	0	0	0
30	0	63	180	165	.....	56	68	159	0	0	0	0
31	0	.....	190	170	.....	50	.....	61	.....	0	0	.....
Mean	1	40	78	191	200	231	90	56	45	0	0	0
Max.	3	134	190	240	.....	912	242	191	119	0	0	0
Min.	0	0	21	150	.....	11	12	9	6	0	0	0
A. F.	44	2410	4810	11750	11500	14370	5360	3440	2680	0	0	0
Total Acre-feet	56,360.											

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT OVERTON

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	714	1930	280	1560	4200	1070	736	484	0	0	0
2	6	780	1860	541	1420	4100	1070	604	428	0	0	0
3	7	758	1820	758	1310	4500	1050	593	298	0	0	0
4	8	714	1690	830	1200	4800	1070	475	273	0	0	0
5	9	648	1620	905	1120	5500	1150	264	484	0	0	0
6	18	582	2260	1030	1100	5400	1150	121	691	0	0	0
7	24	582	2110	1030	1130	5200	1260	77	725	0	0	0
8	38	670	1790	905	1120	4950	1050	798	810	0	0	0
9	50	692	1560	880	1060	4700	1090	1500	1010	0	0	0
10	63	692	1500	970	1000	3600	1500	2400	835	0	0	0
11	60	648	1460	870	1010	3370	1170	3240	748	0	0	0
12	60	648	1430	1230	1060	3230	980	2600	553	0	0	0
13	67	714	1400	1550	1140	3100	718	1310	466	0	0	0
14	67	855	1400	1610	1080	2890	635	810	384	0	0	0
15	67	1030	1430	1800	1040	2410	563	563	298	0	0	0
16	63	1060	1400	1950	1060	1960	447	393	200	0	0	0
17	74	1170	1320	2030	1090	1560	332	306	83	0	0	0
18	118	1230	1240	2200	1110	1230	273	208	26	0	0	0
19	175	1890	1090	1620	1150	1090	232	124	13	0	0	0
20	236	2720	1000	1030	1200	560	192	40	4	0	0	0
21	280	2800	880	1110	1250	502	169	16	4	0	0	0
22	294	2330	736	1310	1310	560	132	102	3	0	0	0
23	352	2180	648	1520	1500	604	200	1540	3	0	0	0
24	424	2070	521	1600	1790	521	532	890	2	0	0	0
25	482	1960	236	1660	2140	604	604	669	1	0	0	0
26	541	1860	144	1800	2600	670	761	573	1	0	0	0
27	604	2030	118	1800	3140	482	810	393	0	0	0	0
28	670	2110	113	1690	3600	560	965	298	0	0	0	0
29	670	2070	102	1520	4240	521	1050	319	0	0	0	0
30	648	2030	108	1570	.....	980	965	583	0	0	0	0
31	692	.....	125	1690	.....	1030	.....	553	.....	0	0	.....
Mean	222	1341	1130	1332	1336	2441	774	716	294	0	0	0
Max.	692	2800	2260	2200	4240	5500	1500	3240	1010	0	0	0
Min.	4	582	102	280	1000	0100	46060	45880	17510	0	0	0
A. F.	13630	79810	69500	81900	88320	15 482	132	16	0	0	0	0
Total Acre-feet	592,700.											

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT GRAND ISLAND

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1880	719	824	7680	465	890	63	0	0	0
2	0	12	1910	841	705	8550	465	826	171	0	0	0
3	0	28	1710	940	527	9620	698	778	253	0	0	0
4	0	212	1540	1050	296	12000	682	631	239	0	0	0
5	0	40	1540	1140	257	13100	698	602	322	0	0	0
6	0	28	1850	1270	380	13700	682	618	406	0	0	0
7	0	212	2400	1200	359	11800	585	570	364	0	0	0
8	0	361	2509	1180	263	8170	1010	870	429	0	0	0
9	0	450	1880	1169	185	4780	970	1210	746	0	0	0
10	0	405	1280	1180	185	4310	910	1850	762	0	0	0
11	0	86	1430	1350	239	3550	826	2470	890	0	0	0
12	0	450	1760	663	275	2700	858	2740	858	0	0	0
13	0	714	1910	670	359	1760	930	2770	682	0	0	0
14	0	1070	1850	958	275	1210	794	2330	420	0	0	0
15	0	666	1910	1330	221	1070	682	1490	266	0	0	0
16	0	280	2070	1600	257	890	618	970	121	0	0	0
17	0	666	1820	1696	296	812	570	730	19	0	0	0
18	0	1070	1540	1790	286	650	525	618	4	0	0	0
19	0	1460	1540	1100	404	525	429	392	6	0	0	0
20	0	1710	1070	750	635	540	294	253	0	0	0	0
21	0	1850	910	600	775	570	458	86	0	0	0	0
22	0	2090	1330	790	808	555	98	21	0	0	0	0
23	0	1880	1510	960	874	540	26	71	0	0	0	0
24	0	1680	1360	1120	940	555	12	28	0	0	0	0
25	0	1590	1460	1300	1120	618	16	336	0	0	0	0
26	0	1680	950	1500	1560	602	212	1010	0	0	0	0
27	0	2190	525	1160	2670	602	392	826	0	0	0	0
28	0	2220	714	755	4570	555	510	602	0	0	0	0
29	0	1970	950	691	5290	540	698	450	0	0	0	0
30	0	1850	842	808	.....	540	810	289	0	0	0	0
31	0	.....	594	907	.....	480	.....	86	.....	0	0	.....
Mean	0	961	1501	1068	889	3665	563	883	234	0	0	0
Max.	0	2220	2500	1790	5290	13700	1010	2770	890	0	0	0
Min.	0	1	525	600	185	480	12	21	0	0	0	0
A. F.	0	57190	92300	65680	51120	225300	33490	51290	13900	0	0	0
Total	Acree-feet 592300.											

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT DUNCAN

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	1730	1010	750	4800	370	590	172	28	0	0
2	2	4	1620	962	700	9800	350	675	180	2	0	0
3	2	17	1376	948	700	13000	430	790	172	1	0	0
4	2	30	1200	900	750	15000	460	686	188	0	0	0
5	2	45	1200	810	770	17800	375	570	295	0	0	0
6	2	60	1410	550	800	12500	360	420	360	0	0	0
7	2	92	1470	300	820	9420	478	360	354	0	0	0
8	2	161	1510	450	650	8000	664	664	308	0	0	0
9	2	375	2070	500	540	6560	1020	892	321	0	0	0
10	2	452	1750	750	444	5020	948	1070	302	0	0	0
11	2	460	1390	550	500	3850	3140	1430	550	0	0	0
12	2	560	1190	300	600	3200	697	2070	503	0	0	0
13	2	675	1330	275	620	2580	642	2470	600	0	0	0
14	2	642	1330	300	700	1850	850	2420	600	0	0	0
15	2	766	1350	370	660	1390	675	2200	382	0	0	0
16	2	976	1370	500	620	1280	730	1550	246	0	0	0
17	2	920	1240	570	640	1090	590	1070	156	0	0	0
18	2	838	1510	500	660	878	469	730	89	0	0	0
19	2	1050	1130	420	750	754	375	503	44	0	0	0
20	2	1530	826	400	850	642	295	354	12	0	0	0
21	2	1660	766	410	1060	609	230	210	3	0	0	0
22	2	1870	976	510	1200	560	211	160	2	0	0	0
23	2	2020	920	550	1100	512	168	123	2	0	0	0
24	2	1870	950	590	1600	469	138	138	1	0	0	0
25	2	1640	950	620	1800	435	127	160	1	0	0	0
26	2	1600	980	650	1700	420	180	160	0	0	0	0
27	2	1750	800	681	2000	441	211	177	0	0	0	0
28	2	1920	720	700	2700	435	230	590	0	0	0	0
29	2	2090	920	650	4000	405	708	486	0	0	0	0
30	2	1990	826	650	.....	375	664	405	2	0	0	0
31	2	.....	838	730	.....	370	.....	278	.....	0	0	.....
Mean	2	936	1214	585	1066	4014	560	789	195	1	0	0
Max.	2	2090	2070	1010	4000	17800	3140	2470	800	28	0	0
Min.	2	2	720	275	444	370	127	123	0	0	0	0
A. F.	123	55670	74660	35970	61340	246800	33290	48500	11590	61	0	0
Total	Acree-feet 568,000											

DISCHARGE IN SECOND-FEET, PLATTE RIVER
AT ASHLAND

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1840	2810	5080	1450	2180	3100	4080	4280	3880	1420	643	976
2	1860	2880	4750	2000	2140	5200	4140	3010	4220	1370	654	1280
3	1780	3050	4600	2550	2110	10200	4080	3860	4110	1660	654	1596
4	1730	3090	4660	2370	2140	34300	3710	3890	3790	1350	709	1930
5	1730	2880	4420	2380	2080	41000	3560	3710	4470	1270	819	2650
6	1730	2970	4300	2240	2090	36000	3710	3350	5510	1270	775	4410
7	1840	3000	4120	2150	2110	32000	5470	3030	4500	1140	709	2890
8	1980	2930	4450	2040	2060	33800	4840	3050	3040	1070	830	2970
9	2000	2950	4450	1920	2000	31300	4410	3440	5240	1000	1000	3370
10	2080	3220	4000	2310	1930	25100	4280	4140	3940	918	1240	2890
11	2060	2930	4250	1930	1810	19500	5430	6710	3540	841	1740	2160
12	2140	3140	4200	2020	1830	13100	4630	7040	2770	761	1320	1980
13	2180	3290	4330	2340	1800	10600	4630	6940	2710	698	1110	1870
14	2250	3470	4070	2340	1720	8820	4500	6760	2530	665	976	1820
15	2180	3340	4630	2280	1660	6800	4020	6300	2520	654	952	1770
16	2060	3190	4780	2360	1660	6660	4050	6350	2520	654	964	1660
17	2370	3260	4870	2310	1660	6720	3970	5880	2280	665	918	1880
18	2460	3700	4750	2310	1660	7180	3840	5090	1870	676	852	1700
19	2310	3650	4500	2280	1640	6440	3760	4280	1840	709	797	1520
20	2270	3490	3800	1930	1740	6080	3490	3710	1580	742	786	1710
21	2460	4100	3300	1910	1850	5840	3090	3400	1460	775	841	1970
22	2720	4480	3000	1780	1800	5550	2850	2090	1380	786	1700	1840
23	2650	4390	3400	1700	2010	5440	2870	2830	1350	764	2280	1580
24	2790	4480	3000	1760	2140	5200	2850	2770	1340	753	2120	1440
25	2810	4510	2200	1720	2270	5090	2770	2850	1270	709	1300	1410
26	2700	4420	1500	1720	2240	4910	2590	2800	1230	687	1050	1710
27	2770	4870	1000	1780	2340	4910	2570	3200	1260	654	1060	1700
28	2630	5050	1100	2060	2450	4730	2770	3540	1240	632	1260	1820
29	2650	5200	1150	2220	2710	4500	3180	3120	1270	610	1140	1710
30	2770	5420	1200	2200	.....	4110	3260	3630	1320	610	1020	1680
31	2810	.....	1250	2160	.....	4140	.....	3710	.....	660	964	.....
Mean	2278	3672	3584	2086	1992	12850	3749	4220	2605	875	1074	1996
Max.	2810	5420	5080	2550	2710	41000	5470	7040	5510	1660	2280	4410
Min.	1730	2810	1000	1450	1640	3100	2570	2770	1230	600	643	976
A. F.	140100	218500	220400	128300	111600	79700	223100	230500	160400	53780	66020	118800

Total acre-feet 2,494,000.

TABULATION SHOWING FLOW OF THE PLATTE RIVER IN
PERCENTAGE FOR COMPARISON WITH TEN YEAR MEAN
IRRIGATION AND NON-IRRIGATION SEASONS
1935-1936

STATION	*MEAN ACRE FEET			PER CENT OF MEAN					
				1935			1936		
	7 Mo.	5 Mo.	12 Mo.	7 Mo.	5 Mo.	12 Mo.	7 Mo.	5 Mo.	12 Mo.
Pathfinder Inflow	452290	985550	1437840	34	55	48	73	73	73
Whalen (Below)	181700	682290	863990	4	37	30	7	47	38
Mitchell	549450	667010	1216460	25	23	24	35	12	23
Bridgeport	831750	834000	1665750	39	30	35	48	15	32
North Platte	1217720	927070	2144790	44	43	44	41	7	26
Overton	1538700	990670	2519430	28	81	48	31	6	23
Average.....				30	45	38	39	27	36

*Mean based on 10 year record (1923-1932 inclusive)

VISIBLE RETURN FLOW, IN ACRE-FEET, BETWEEN WYOMING-NEBRASKA STATE LINE
AND BRIDGEPORT
For the Year Ending September 30, 1935

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain	158	161	136	101	84	62	120	191	208	188	276	190	1881
Bayard Sugar Factory Dr.....	1650	1340	1760	1620	1390	1560	1670	2040	1300	551	1510	1590	17981
Camp Clark Seep.....	123	119	117	92	78	110	194	270	268	184	181	258	1997
Cleveland Drain	112	79	49	37	33	54	127	381	315	301	349	450	2617
Degraw Drain	123	179	184	184	208	214	153	216	199	71	61	139	1961
Dugout, Upper	16	30	31	25	17	18	37	33	645	59	256	274	1441
Fairfield Seep	21	3	0	1	11	8	58	159	129	123	123	99	735
Fanning Seep	166	159	153	136	111	123	133	276	391	71	154	198	2071
Gering Drain	1360	1310	2160	1010	964	1220	2020	3360	3000	2850	2060	2100	23474
Horse Creek	781	631	732	581	563	458	1440	2190	10080	2680	2070	2480	24686
Indian Creek	217	175	160	111	135	141	151	264	609	161	411	339	2904
Lane Drain	107	60	61	61	56	61	73	101	119	123	123	119	1064
Melbeta Seep	0	0	0	0	0	0	0	153	173	16	6	10	358
Mitchell Spillway	0	0	393	25	48	430	30	1320	1690	0	0	0	3936
Nine Mile Drain	6510	6020	4980	4480	3910	4350	4390	4950	5730	6720	6950	7370	66360
Red Willow Drain.....	3410	2350	4190	3600	2420	2420	2920	3950	7220	2170	3300	2650	40600
Scottsbluff Drain No. 1.....	799	992	621	492	389	369	317	191	575	611	1010	962	7568
Scottsbluff Drain No. 2.....	327	282	182	113	167	184	198	333	547	522	466	491	3815
Sheep Creek	212	79	2870	3080	2290	2270	3090	2110	2370	1570	250	185	20676
Spotted Tail, Dry.....	631	179	1520	1320	1050	1070	1454	1366	1242	2106	1454	1350	14736
Spotted Tail, Wet.....	920	726	768	732	631	706	690	859	851	811	766	902	9362
Tub Springs	1000	119	1610	1500	1430	1450	2070	2820	2730	1830	369	2650	19608
Toohey Drain	307	258	204	161	111	133	60	61	60	61	61	89	1566
Toohey Spillway	42	60	508	397	111	508	355	343	1180	0	0	0	3504
Winters Creek	2860	1540	3470	2710	2410	2540	2510	3140	2120	756	1360	4280	29696
Total.....	22182	16884	26889	22659	18617	20459	24260	31614	43751	24565	23569	29178	304627

VISIBLE RETURN FLOW, IN ACRE-FEET, BETWEEN WYOMING-NEBRASKA STATE LINE
AND BRIDGEPORT
For the Year Ending September 30, 1936

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain	61	565	579	101	75	123	149	121	109	103	101	60	2147
Bayard Sugar Factory Drain.....	2140	2070	1920	1790	1470	1610	1390	619	1590	1570	2020	2110	20290
Camp Clark Seep.....	347	277	246	214	115	123	119	184	139	218	288	407	2677
Cleveland Drain	292	59	60	40	0	22	65	135	230	75	125	417	1520
Degraw Drain	298	298	286	184	135	238	99	113	119	61	123	119	2073
Dugout, Upper	246	218	184	152	97	83	93	121	143	151	236	228	1952
Fairfield Seep	28	6	0	0	12	32	30	20	60	60	101	60	409
Fanning Seep	226	208	184	143	58	93	119	61	119	95	163	119	1588
Gering Drain	1560	2250	1580	1420	1060	1790	1390	2210	3090	1270	1520	1380	26520
Horse Creek	1790	1360	930	670	450	793	815	949	5950	1680	2380	1880	19680
Indian Creek	280	278	246	226	222	153	119	149	157	190	333	458	2811
Lane Drain	123	89	62	20	0	0	0	0	0	0	0	0	294
Melbeta Seep	54	179	153	20	0	32	184	81	190	0	0	0	893
Mitchell Spillway	924	129	456	922	230	307	337	188	986	0	0	0	4479
Nine Mile Drain.....	7190	5790	5200	4680	3910	4200	3990	4180	10080	7320	7990	8000	72530
Red Willow Drain.....	5030	4120	4070	3620	2960	2940	2520	2190	4650	3290	3530	3600	42520
Scottsbluff Drain No. 1.....	716	664	490	369	288	204	893	762	323	559	645	1212	7125
Scottsbluff Drain No. 2.....	365	198	184	184	115	123	133	286	417	432	617	522	3576
Sheep Creek	2450	3660	3420	3150	2960	3110	3030	516	647	108	132	290	23470
Spotted Tail, Dry.....	1521	1573	1381	1263	970	1067	904	1299	1859	1874	1234	1311	16256
Spotted Tail, Wet.....	768	714	778	738	633	801	752	1089	966	768	740	813	9560
Tub Springs	4729	3104	2065	1668	1369	1476	2444	829	2951	478	486	1139	22738
Toohey Drain	0	0	0	0	0	0	0	0	0	0	0	0	0
Toohey Spillway	599	264	91	30	0	240	486	0	436	0	0	0	2146
Winters Creek	3610	2680	3140	3050	2720	2670	2510	1090	2900	2500	3650	3970	34520
Total.....	35377	30753	27695	24654	19849	22230	22601	17192	38111	22802	26414	28095	315773

VISIBLE RETURN FLOW, IN ACRE-FEET, BETWEEN BRIDGEPORT AND NORTH PLATTE
For the Year Ending September 30, 1935

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Keith-Lincoln County	61	119	184	212	42	117	102	159	148	61	61	89	1355
Lewellen Drain	31	30	31	31	28	31	57	123	89	61	31	18	561
Lincoln County Drain No. 1.....	3950	4200	3080	2740	2630	2890	2711	4570	4600	3500	3800	4840	43511
Lincoln County Drain No. 2.....	246	238	280	246	222	246	298	466	591	268	184	218	3503
Plum Creek	135	146	139	179	157	139	101	184	228	107	99	77	1691
Sarben Slough	154	137	135	129	115	108	128	165	127	61	61	60	1380
Silvernail Drain	295	279	274	250	203	210	226	264	560	529	580	479	4149
Scout Creek	760	1410	111	42	32	26	98	488	528	196	186	549	4426
Total.....	5632	6559	4234	3829	3429	3767	3721	6419	6871	4783	5002	6330	60576

For the Year Ending September 30, 1936

Keith-Lincoln County	123	184	123	83	58	62	60	0	0	0	0	0	693
Lewellen Drain	0	0	0	0	28	62	60	62	60	0	0	0	272
Lincoln County Drain No. 1.....	3779	3074	2658	2569	2202	2301	1958	2785	3191	3731	3911	3834	35993
Lincoln County Drain No. 2.....	276	238	184	268	230	163	105	196	194	131	119	261	2368
Plum Creek	155	119	123	184	115	123	119	41	173	133	123	60	1471
Sarben Slough	61	99	61	123	58	175	99	77	67	0	0	101	921
Silvernail Drain	399	355	317	315	238	246	325	371	280	296	369	357	3868
Scout Creek	91	59	30	63	87	0	0	216	240	69	182	95	1132
Total.....	4884	4128	3496	3605	3016	3132	2726	3751	4205	4360	4704	4711	46718

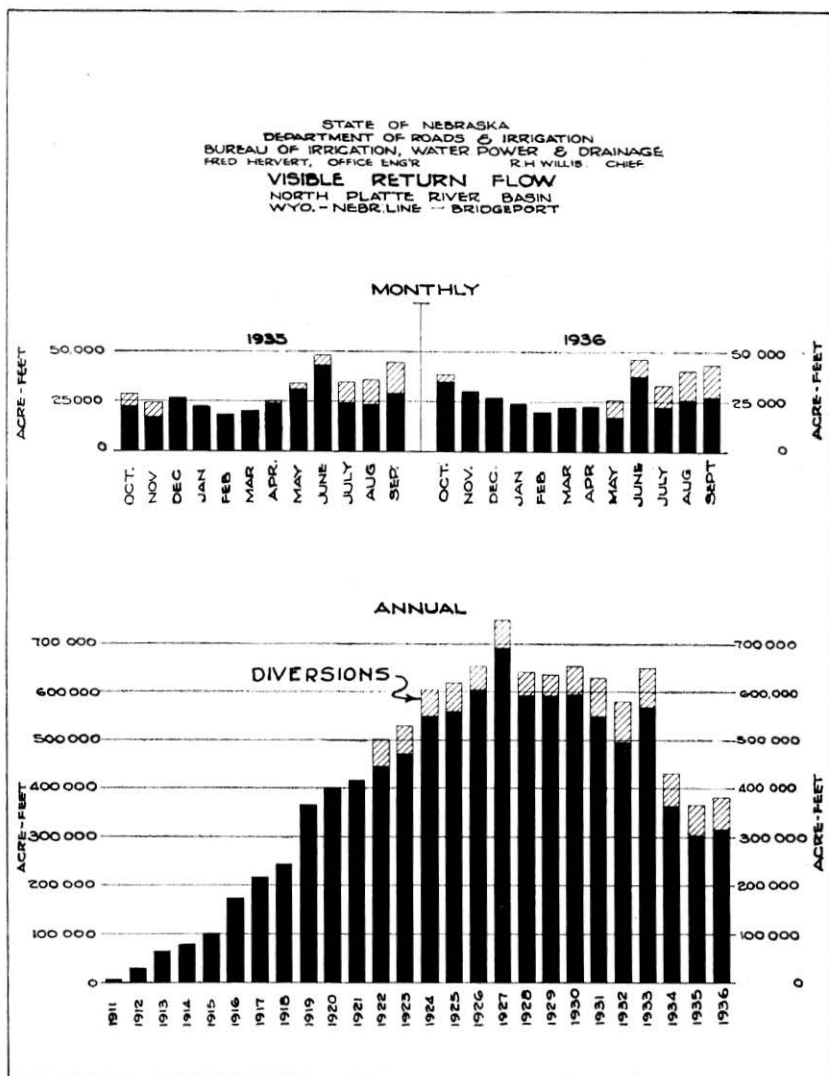
SUMMARY OF VISIBLE RETURN FLOW, IN ACRE-FEET, BETWEEN WYOMING-NEBRASKA LINE
AND NORTH PLATTE

For the Year Ending September 30, 1935

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Wyoming-Nebraska Line to Bridgeport....	2212	16884	26889	22659	18617	29459	24260	31614	43751	24565	23569	29178	304627
Bridgeport to North Platte.....	5632	6559	4234	3829	3429	3767	3721	6419	6871	4783	5002	6330	60576
Grand Total.....	27814	23443	31123	26488	22046	24226	27981	38033	50622	29358	28571	35508	365203

For the Year Ending September 30, 1936

Wyoming-Nebraska Line to Bridgeport....	35377	30753	27695	21651	15849	22230	22601	17192	38111	22802	26414	28095	315773
Bridgeport to North Platte.....	4884	4128	3496	3605	3016	3132	2726	3751	4205	4360	4704	4711	46718
Grand Total.....	40261	34881	31191	25256	22865	25362	25327	20943	42316	27162	31118	32806	362491



DIVERSIONS IN ACRE-FEET FROM RETURN FLOW BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
1935

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Tri-State Canal from									
Akers Draw	615	595	536	553	536	615	708	714	4872
Sheep Creek	3628	3471	0	1016	605	1283	3245	4235	17483
Dry Spotted Tail.....	0	0	44	8	0	0	1333	1244	2620
Wet Spotted Tail.....	627	536	208	390	350	272	647	972	4020
Tub Springs	0	0	0	0	0	0	1105	1805	2910
Alliance Drain	0	0	0	0	0	67	490	541	1098
Moffat Drain	0	0	0	0	0	0	0	0	0
Enterprise Canal from									
Stewart Drain	0	0	0	0	0	0	6	46	52
Morrill Drain	0	0	0	30	30	42	123	119	344
Dry Spotted Tail.....	0	0	0	0	0	0	0	0	0
Wet Spotted Tail.....	0	0	238	369	387	442	543	575	2554
Tub Springs	635	1190	0	0	71	381	1190	75	3542
Winters Creek Canal from									
Winters Creek	0	0	0	200	1523	3654	3400	2491	11268
Nine Mile Canal from									
Nine Mile Drain.....	0	0	0	26	335	0	0	0	361
Alliance Canal from									
Bayard Drain	151	307	84	0	363	1664	62	541	3172
Red Willow	956	1230	299	0	398	1862	190	2495	7430
TOTAL	6612	7329	1409	2601	4607	10282	13042	15853	61735

DIVERSIONS IN ACRE-FEET FROM RETURN FLOW BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
For the Year Ending September 30, 1936

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Tri-State Canal from									
Akers Draw	262	0	0	329	565	653	615	625	3049
Sheep Creek	1095	0	0	2461	2531	3381	4018	4616	18105
Dry Spotted Tail.....	192	0	0	0	0	135	1749	1615	3691
Wet Spotted Tail.....	245	0	0	389	567	597	666	1047	3511
Tub Springs	381	0	0	0	16	450	1751	1547	4145
Alliance Drain	149	0	0	0	0	210	748	660	1767
Moffat Drain	0	0	0	0	0	0	0	0	0
Enterprise Canal from									
Stewart Drain	0	0	0	0	0	0	0	0	0
Morrill Drain	0	0	0	61	59	123	123	119	485
Dry Spotted Tail.....	0	0	0	0	0	0	0	0	0
Wet Spotted Tail.....	331	139	119	393	387	410	508	496	2783
Tub Springs	N.R.	N.R.	0	1079	486	1821	1154	1190	5736
Winters Creek Canal from									
Winters Creek	982	N.R.	113	2465	2170	2993	2323	2100	13146
Nine Mile Canal from									
Nine Mile Drain.....	0	0	0	0	0	0	0	0	0
Alliance Canal from									
Bayard Drain	N.R.	N.R.	0	948	1008	53	218	212	2439
Red Willow	N.R.	N.R.	0	1245	1265	155	1355	1745	5765
Total	3637	139	232	9370	9054	10081	15228	15972	64616

**SUMMARY OF WATER DIVERTED IN THE PLATTE RIVER BASIN
IN ACRE-FEET BETWEEN WYOMING-NEBRASKA LINE
AND OVERTON**

For the Year Ending September 30, 1935

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Wyoming-Nebraska									
Line-Mitchell	21649	18766	9527	9971	30217	87991	70357	55383	303864
Mitchell-Minatare	3334	1480	361	2348	5114	15144	15489	11841	55411
Minatare-Bridgeport	9677	6029	2113	1031	5022	17481	6498	18233	66084
Bridgeport-Lisaco	4968	1099	2661	3197	2172	5906	3922	7677	34662
Lisaco-Oshkosh	560	0	0	26	82	168	327	1446	2609
Oshkosh-North Platte	21378	13316	12055	8946	4661	25336	23478	28396	137566
North Platte-Overton	35308	41933	55820	22678	3092	20038	9656	15797	207322
Total.....	96871	88623	82537	48200	50360	172421	129727	138773	897518

For the Year Ending September 30, 1936

Wyoming-Nebraska									
Line-Mitchell	20144	6678	7737	61299	65502	83398	70361	50615	365737
Mitchell-Minatare	3812	750	351	11386	12650	14812	12995	12098	68914
Minatare-Bridgeport	8412	191	491	10060	18522	7196	11775	14440	71093
Bridgeport-Lisaco	6669	2150	1121	4915	8092	4261	4629	5630	37467
Lisaco-Oshkosh	1210	N.R.	0	191	498	0	483	250	2632
Oshkosh-North Platte	19536	1586	4828	19326	19780	18426	26009	21963	131448
North Platte-Overton	18112	5555	20683	28261	12990	14407	8497	3632	112150
Total.....	77953	16313	35214	135435	138034	142530	134732	108648	789481

Note: The Mitchell Irrigation District diversion is not included, because its headgate is located in Wyoming.

**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	1935			1936		
	Natural	Storage	Total	Natural	Storage	Total
Northport	12651	25716	38367	15402	31238	46640
Tri-State	2231	3399	5630	4436	1209	5645
Gering	15987	11060	26147	38265	8259	46524
Berline	1329	0	1329	783	141	924
Brown's Creek	11630	1299	15929	14816	2045	16861
Chimney Rock	10003	2262	12265	12072	1297	13369
Central	5370	1079	6449	6601	746	7347
Tri-State	162965	37585	200550	220343	20669	241012

**ANALYSIS OF WATER DIVERTED BY PROJECTS IN THE
PLATTE AND NORTH PLATTE BASINS
HAVING STORAGE RIGHTS**

Measured near Point of Diversion from Stream in Acre-Feet

FROM CRESCENT LAKE

	1936			1936		
	Natural	Storage	Total	Natural	Storage	Total
Paisley District	2251	479	2730	2177	433	2610
Blue Creek Dist.	8680	0	8680	6405	160	6565
Graf	3252	28	3280	3033	165	3198
Hooper	4138	85	4223	2507	0	2507

FROM SUTHERLAND RESERVOIR

1936

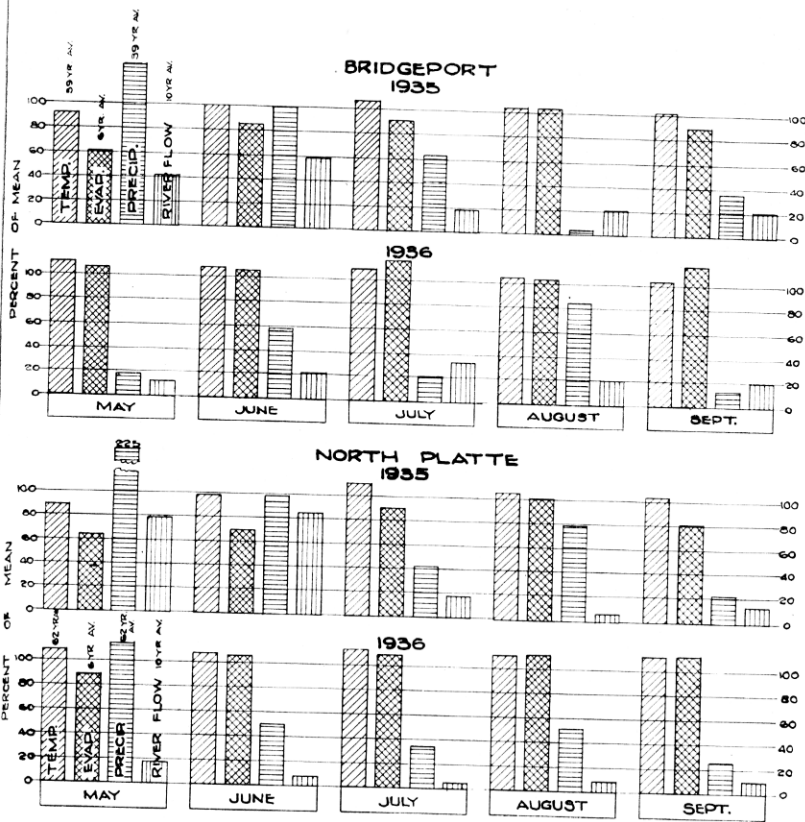
484 acre-feet of water were received through the Thirty Mile Canal rating flume for the water users under the Thirty Mile, Orchard-Alfalfa, and Six Mile Canals.

8032 acre-feet of water were received through the Dawson County Canal rating flume for the water users under the Dawson County, Elm Creek, and Kearney Canals.

1625 acre-feet of water were received through the Cozad rating flume for the water users of the Cozad Canal.

1482 acre-feet of water were received through the Gothenburg Canal rating flume for the water users of the Gothenburg Canal.

STATE OF NEBRASKA
 DEPARTMENT OF ROADS & IRRIGATION
 BUREAU OF IRRIGATION, WATER POWER & DRAINAGE
 FRED HERVERT, OFFICE ENGR.; R. H. WILLIS, CHIEF
CLIMATOLOGICAL DATA AND NORTH PLATTE RIVER FLOW
 EXPRESSED AS PERCENT OF MONTHLY MEAN



**MONTHLY EVAPORATION IN INCHES
PATHFINDER, WYOMING STATION 1935**

	May	June	July	Aug.	Sept.
Total	4.812	9.336	12.072	11.052	6.420
Mean .....	.155	.311	.418	.357	.211

Note:—U.S.W.B. Class "A" Pan (10 inches x 4 feet circular).
Coefficient of reduction 70%.

**MONTHLY EVAPORATION IN INCHES
PATHFINDER, WYOMING STATION 1936**

	May	June	July	Aug.	Sept.
Total	9.444	11.088	12.408	11.016	7.800
Mean .....	.305	.370	.400	.355	.260

Note:—U.S.W.B. Class "A" Pan (10 inches x 4 feet circular).
Coefficient of reduction 70%.

**DAILY EVAPORATION IN INCHES
MITCHELL EXPERIMENTAL FARM 1935**

Date	Apr.	May	June	July	Aug.	Sept.
1	*	.506	.155	*	.280	.215
2	.....	.536	.210	*	.420	.140
3	.....	.213	.235	.270	.360	.170
4	.....	*	.250	.265	.315	.165
5	.....	.....	.260	.430	.295	.185
6	.....	.....	.305	.290	.385	.170
7	.....	*	.050	.200	.285	.195
8	.....	.189	.165	.230	.315	.115
9	.....	.153	.220	.315	.260	.060
10	.....	.194	.225	.295	.385	.130
11	.....	.169	*	.460	.445	.130
12	.....	.266	.....	.175	.435	.185
13	*	.179	.....	.400	.220	.170
14	.150	.022	.....	.255	.280	.205
15	.200	.033	.....	.300	.240	.260
16	.211	.008	.....	.345	.480	.250
17	.262	.151	.....	.565	.200	.225
18	.187	.062	.....	.235	.220	.245
19	.190	.000	.....	.205	.250	.275
20	.242	.045	.....	.325	.130	.170
21	.217	.000	.....	.350	.355	.205
22	.191	.120	.....	.110	.265	.255
23	.360	.165	.....	.230	.250	.170
24	.197	.205	.....	.295	.280	.235
25	.067	.200	.....	.530	.400	.215
26	*	.215	.....	.325	.330	.285
27	*	.230	.....	.585	.295	.145
28	.122	.110	.....	.360	.315	.060
29	.051	.000	.....	.425	.250	.185
30	.000	.180	*	.355	.315	.170
31	.....	.090	.....	.270	.180	.....
Total	2.647	4.331	2.045	9.055	9.435	5.585
Mean	.177	.161	.205	.312	.304	.186
Max.	.360	.536	.305	.565	.480	.285
Min.	.000	.000	.050	.110	.130	.060

Note:—Records from United States Bureau of Plant Industry Pan, six feet in diameter, 24 inches deep, set in ground 20 inches.

Coefficient of reduction 91%.

*No record.

REPORT OF THE STATE ENGINEER
DAILY EVAPORATION IN INCHES
MITCHELL EXPERIMENTAL FARM 1936

Date	Apr.	May	June	July	Aug.	Sept.
1	.....	.070	.....	.310	.....	.210
2	.....	.110	.....	.255	.....	.215
3	.....	.205	.....	.065	.....	.250
4	.....	.260	.....	.215	.....	.000
5	.....	.290	.....	.105	.....	.365
6	.....	.115	.....	.215	.....	.135
7	.....	.375	.....	.160	.....	.515
8	.....	.195	.....	.310	.....	.350
9	.....	.120	.....	.110	.....	.370
10	.....	.130	.....	.170	.....	.330
11	.....	.200	.....	.210	.....	.120
12	.210	.210	.225	.375	.280	.310
13	.255	.305	.310	.265	.230	.280
14	.315	.225	.385	.260	.325	.110
15	.335	.220	.335	.310	.335	.335
16	.280	.350	.505	.110	.325	.125
17	.280	.175	.365	.385	.260	.300
18	.210	.335	.310	.355	.295	.285
19	.265	.335	.190	.325	.260	.230
20	.270	.305	.481	.100	.160	.280
21	.250	.320	.219	.120	.170	.250
22	.250	.270	.255	.260	.195	.290
23	.190	.280	.315	.110	.270	.280
24	.170	.210	.370	.115	.220	.235
25	.210	.320	.370	.130	.315	.235
26	.135	.255	.330	.120	.310	.395
27	.110	.235	.300	.365	.280	.065
28	.120	.210	.370	.320	.155	.110
29	.215	.150	.365	.390	.250	.110
30	.080	.120	.315	.360	.210	.170
31	.....	.195	.....	.205	.190	.095
Total	4.180	7.695	9.100	11.170	7.555	6.765
Mean	.220	.248	.303	.360	.241	.226
Max.	.335	.175	.505	.110	.100	.395
Min.	.080	.070	.065	.205	.000	.095

Note:—Records from United States Bureau of Plant Industry Pan, six feet in diameter, 24 inches deep, set in ground 20 inches.
Coefficient of reduction 94%.

*No record.

DAILY EVAPORATION IN INCHES
BRIDGEPORT STATION 1935

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	.191	.130	.188	.216	.211	.327	.157
2	.173	.085	.231	.221	.510	.211	.113
3	.161	.170	.116	.229	.361	.217	.172
4	.132	.105	.116	.220	.218	.377	.111
5	.237	.111	.162	.270	.252	.339	.184
6	.151	.201	.110	.142	.242	.221	.221
7	.162	.158	.105	.081	.299	.141	.107
8	.311	.215	.115	.186	.280	.303	.043
9	.223	.017	.171	.380	.294	.308	.127
10	.119	.001	.221	.221	.178	.134	.186
11	.115	.013	.208	.138	.268	.178	.239
12	.106	.056	.059	.186	.268	.217	.194
13	.103	.200	.018	.235	.176	.215	.266
14	.151	.217	.051	.321	.206	.298	.212
15	.103	.111	.083	.159	.293	.385	.319
16	.071	.237	.129	.325	.377	.295	.186
17	.015	.191	.089	.109	.290	.151	.195
18	.188	.155	.033	.251	.119	.186	.220
19	.202	.251	.000	.269	.368	.345	.132
20	.239	.165	.000	.251	.272	.321	.153
21	.036	.230	.063	.203	.318	.255	.188
22	.181	.382	.211	.291	.167	.221	.177
23	.127	.139	.187	.362	.253	.258	.221
24	.110	.000	.238	.219	.319	.239	.171
25	.115	.009	.277	.313	.303	.318	.171
26	.151	.108	.289	.155	.352	.231	.130
27	.133	.248	.130	.337	.205	.167	.050
28	.120	.156	.055	.270	.338	.193	.129
29	.122	.107	.178	.263	.292	.230	.136
30	.063	.157	.109	.279	.233	.118	.215
31	.122	.....	.035	.035	.260	.125	.....
Total	4.335	4.390	4.016	7.132	8.685	8.190	5.167
Mean	.146	.146	.130	.238	.280	.261	.172
Max.	.311	.383	.289	.380	.510	.319	.319
Min.	.045	.000	.000	.081	.119	.125	.043

Note:—U.S.W.B. Class "A" Pan (19 inches x 1 foot circular).
Coefficient of reduction 70%.

DAILY EVAPORATION IN INCHES
BRIDGEPORT STATION 1936

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	.132	*	.157	.219	.281	.269	.368
2	.239	.....	.158	.076	.320	.364	.282
3	.109	.....	.256	.070	.410	.053	.175
4	.110	.....	.259	.131	.393	.039	.150
5	.130	.....	.249	.219	.167	.157	.310
6	.129	.....	.123	.170	.113	.246	.349
7	.119	.....	.203	.269	.394	.229	.189
8	.097	.....	.055	.296	.292	.337	.317
9	.124	.....	.008	*	.380	.346	.308
10	.080	*	.011	.163	.293	.358	.094
11	.011	.177	.158	.193	.514	.322	.266
12	.260	.275	.165	.289	.223	.298	.184
13	.181	.338	.322	.328	.227	.321	.230
14	.270	.320	.211	.290	.295	.286	.258
15	.160	.261	.339	.543	.432	.364	.237
16	.251	.208	.328	.399	.434	.154	.250
17	.104	.197	.282	.314	.378	.452	.263
18	.129	.254	.326	.365	.379	.278	.236
19	.154	.264	.300	.438	.378	.286	.243
20	.187	.254	.262	.352	.360	.115	.221
21	.077	.154	.303	.286	.292	.193	.224
22	.064	.201	.207	.305	.467	.280	.182
23	.137	.215	.170	.314	.421	.360	.266
24	.025	.165	.292	.512	.561	.319	.146
25	.028	.173	.281	.380	.396	.318	.301
26	.031	.044	.313	.331	.396	.317	.129
27	.122	.101	.195	.361	.311	.182	.090
28	.068	.181	.109	.386	.312	.201	.068
29	.040	.100	.106	.377	.198	.131	.112
30	.026	.175	.278	.373	*	.288	.161
31	.....	.....	.205	.....	.239	.300	.....
Total	3.627	4.057	6.931	8.752	10.859	8.183	6.629
Mean	.121	.203	.224	.302	.362	.264	.221
Max.	.270	.338	.339	.543	.561	.452	.368
Min.	.011	.100	.011	.070	.198	.053	.068

Note:—U.S.W.B. Class "A" Pan (10 inches x 4 feet circular).
Coefficient of reduction 70%. *No record.

DAILY EVAPORATION IN INCHES
NORTH PLATTE STATION 1935

Date	Apr.	May	June	July	Aug.	Sept.
1	.118	.278	.170	.348	.188	.094
2	.045	.179	.201	.277	.218	.123
3	.162	.106	.212	.285	.339	.129
4	.265	.184	.210	.174	.259	.129
5	.046	.067	.254	.227	.263	.167
6	.102	.127	.081	.291	.297	.102
7	.139	.306	.096	.270	.379	.079
8	.097	.011	.102	.218	.242	.107
9	.039	.169	.155	.253	.149	.174
10	.082	.203	.241	.238	.361	.162
11	.012	.177	.214	.223	.305	.204
12	.112	.157	.199	.234	.163	.092
13	.381	.073	.226	.228	.291	.157
14	.201	.010	.251	.262	.122	.220
15	.121	.039	.330	.261	.330	.166
16	i	.093	.168	.358	.263	.197
17	.208	.017	.230	.387	.152	.178
18	.182	i	.194	.358	i	.153
19	.234	i	.233	.364	.388	.184
20	.151	i	.219	.272	.236	.186
21	.342	i	.193	.203	.263	.119
22	.292	.134	.233	.384	.141	.200
23	.503	.150	.271	.112	.304	.226
24	.123	.104	.199	.214	*	.203
25	.070	.077	.215	.331	.118	.178
26	.098	.052	.253	.320	.224	.109
27	.196	.188	.223	.266	.179	.112
28	.130	.089	.111	.401	.124	.092
29	.064	.070	.216	.277	.125	.181
30	.221	.185	.197	.184	.109	.218
31	.....	.422	.....	.234	.071	.....
Total	4.766	3.400	6.127	8.454	6.909	4.674
Mean	.159	.110	.201	.273	.230	.156
Max.	.381	.306	.330	.401	.422	.229
Min.	.012	.010	.102	.112	.071	.079

Note:—Records from United States Bureau of Plant Industry Pan, six feet in diameter, 24 inches deep, set in ground 20 inches.
Coefficient of reduction 94%. *No record.
i included in following measurement.

DAILY EVAPORATION IN INCHES
NORTH PLATTE STATION 1936

Date	Apr.	May	June	July	Aug.	Sept.
1	*	.071	.215	.308	.447	.352
2	-----	.086	.125	.382	.212	.205
3	*	.083	.203	.535	.115	.152
4	.049	.342	.161	.447	.081	.081
5	.051	.275	.103	.518	.137	.177
6	.125	.420	.157	.455	.169	.324
7	.116	.313	.253	.489	.218	.208
8	.082	*	.369	.421	.321	.130
9	.074	.049	.250	.512	.352	.273
10	.079	.010	.209	.519	.418	.193
11	.152	.070	.314	.535	.266	.119
12	.184	.260	.308	.330	.284	.253
13	.226	.082	.300	.288	.275	.278
14	.208	.132	.285	.267	.316	.374
15	.284	.260	.435	.380	.391	.271
16	*	.223	.278	.471	.358	.285
17	.255	.276	.317	.370	.388	.177
18	.186	.228	.309	.390	.281	.186
19	.240	.303	.350	.331	.336	.250
20	.307	.299	.295	.371	.174	.175
21	.208	.203	.345	.386	.245	.247
22	.282	.190	.256	.333	.221	.222
23	.265	.152	.355	.565	.336	.316
24	.155	.184	.417	.281	.335	.349
25	.145	.204	.248	.339	.269	.323
26	.070	.199	.310	.356	.322	.069
27	.060	.187	.437	.186	.321	.111
28	.168	.185	.373	.328	.290	.020
29	.371	.096	.342	.027	.246	.123
30	.123	.245	.352	.171	.411	.149
31	-----	.233	-----	.436	.233	-----
Total	4.465	5.860	8.674	11.727	9.771	6.452
Mean	.172	.195	.289	.378	.283	.215
Max.	.371	.420	.437	.565	.447	.374
Min.	.049	.010	.103	.027	.081	.020

Note:—Records from United States Bureau of Plant Industry Pan, six feet in diameter, 24 inches deep, set in ground 20 inches.
Coefficient of reduction 94%.

*No record.

CLIMATOLOGICAL DATA
Precipitation in Inches for Water Year

MONTH	*NORMAL		1935		1936	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
MITCHELL STATION, SCOTTS BLUFF COUNTY—ELEVATION, 4080						
October	1.11	1.11	0.15	0.15	0.09	0.09
November	.27	1.38	0.11	0.26	0.14	0.23
December	.29	1.67	0.18	0.44	0.05	0.28
January	.13	1.80	0.06	0.50	0.28	0.56
February	.24	2.04	0.04	0.54	0.29	0.85
March	.61	2.65	0.83	1.47	0.36	1.21
April	1.69	4.34	2.96	4.43	1.46	2.67
May	2.47	6.81	4.18	8.61	0.70	3.37
June	2.68	9.49	2.39	11.00	2.13	5.50
July	1.91	11.40	0.77	11.77	0.70	6.20
August	2.38	13.78	0.08	11.85	0.62	6.82
September	1.68	15.46	0.94	12.79	0.26	7.08

*Normal based on 23 year record.

BRIDGEPORT STATION, MORRILL COUNTY—ELEVATION, 3666						
October	1.09	1.09	0.02	0.02	T	T*
November	.46	1.55	0.10	0.12	0.10	0.10
December	.63	2.18	0.26	0.38	0.04	0.14
January	.40	2.58	0.01	0.39	0.24	0.38
February	.48	3.06	0.02	0.41	0.25	0.63
March	.83	3.89	0.84	1.25	0.26	0.89
April	2.17	6.06	3.09	4.31	1.61	2.50
May	2.85	8.91	3.77	8.11	0.50	3.00
June	2.46	11.37	2.44	10.55	1.46	4.46
July	2.06	13.43	1.30	11.85	0.41	4.87
August	1.78	15.21	0.08	11.93	1.46	6.33
September	1.37	16.58	0.49	12.42	0.18	6.51

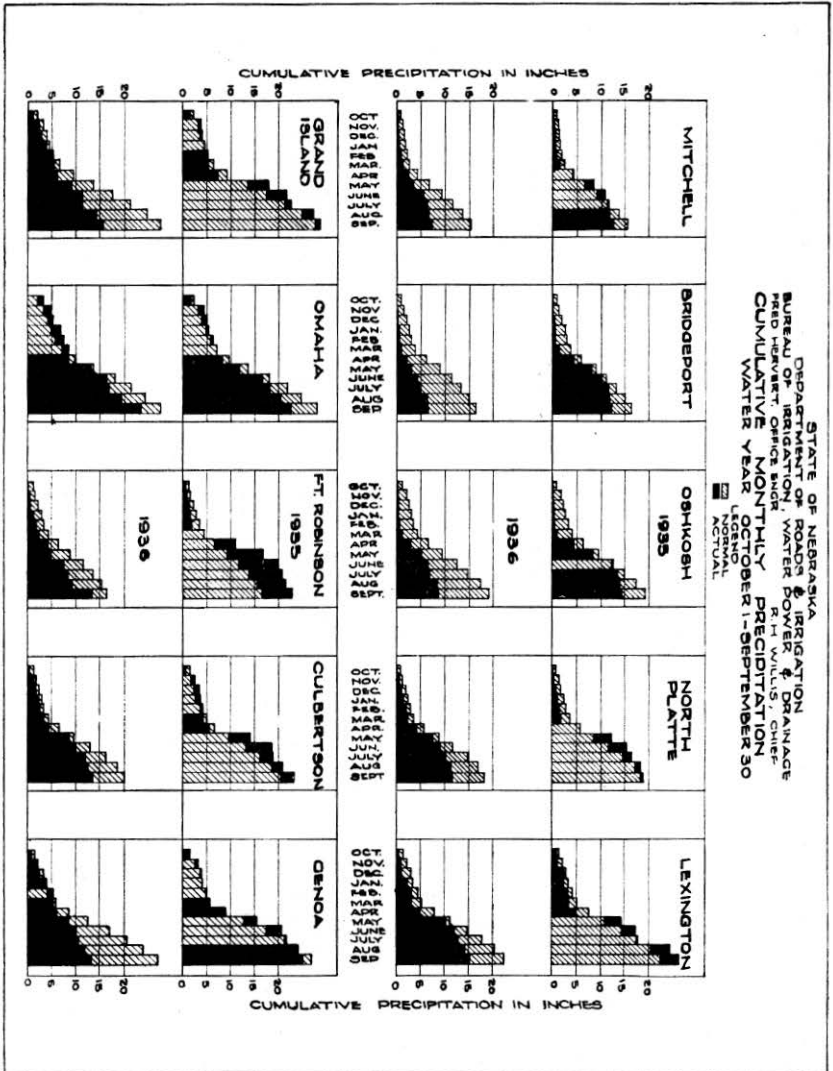
*Normal based on 39 year record.

OSHKOSH STATION, GARDEN COUNTY—ELEVATION, 3393						
October	1.34	1.34	T	T	0.02	0.02
November	0.73	2.07	0.14	0.14	0.28	0.30
December	0.62	2.69	0.31	0.45	0.10	0.40
January	0.35	3.04	0.08	0.53	0.20	0.60
February	0.51	3.55	0.22	0.75	0.32	0.92
March	0.82	4.37	0.33	1.08	0.36	1.28
April	2.36	6.73	3.59	4.67	1.75	3.03
May	3.09	9.82	3.77	8.44	2.31	5.34
June	2.56	12.38	4.22	12.66	1.44	6.78
July	2.63	15.01	1.08	13.74	0.17	6.95
August	2.63	17.64	0.34	14.08	1.58	8.53
September	1.52	19.16	0.48	14.56	0.30	8.83

*Normal based on 21 year record.

NORTH PLATTE STATION, LINCOLN COUNTY—ELEVATION, 2805						
October	1.07	1.07	0.30	0.30	0.22	0.22
November	0.17	1.51	0.17	0.47	0.78	1.00
December	0.53	2.07	0.42	0.89	0.27	1.27
January	0.39	2.46	0.18	1.07	0.48	1.75
February	0.53	2.99	0.31	1.38	0.10	2.15
March	0.86	3.85	0.56	1.94	0.57	2.72
April	2.06	5.91	4.08	6.02	1.59	4.31
May	2.78	8.69	6.24	12.26	3.17	7.48
June	3.22	11.91	3.18	15.44	1.61	9.12
July	2.74	14.65	1.17	16.61	0.96	10.08
August	2.39	17.01	1.89	18.50	1.25	11.31
September	1.35	18.39	0.31	18.81	0.35	11.66

*Normal based on 62 year record.



CLIMATOLOGICAL DATA—Continued
Precipitation in Inches for Water Year

MONTH	*NORMAL	1935	1936
Monthly Accumulative Monthly Accumulative Monthly Accumulative			
LEXINGTON STATION, DAWSON COUNTY—ELEVATION, 2385			
October	1.68	1.68	0.66
November	0.75	2.43	1.54
December	0.72	3.15	0.60
January	0.48	3.63	0.00
February	0.80	4.43	0.47
March	1.03	5.46	0.41
April	2.51	7.97	1.23
May	3.11	11.08	9.61
June	3.66	14.74	2.98
July	3.03	17.77	0.40
August	2.86	20.63	6.92
September	1.95	22.58	1.90
			26.72
			0.97

*Normal based on 47 year record.

**Gothenburg record.

GRAND ISLAND STATION, HALL COUNTY—ELEVATION, 1860						
October	2.17	2.17	1.75	1.75	1.00	1.00
November	1.02	3.19	2.19	3.94	1.53	2.53
December	0.74	3.93	0.43	4.37	0.30	2.83
January	0.52	4.45	0.08	4.45	1.08	3.91
February	0.76	5.21	0.65	5.10	1.20	5.11
March	1.29	6.50	0.37	5.47	0.42	5.53
April	2.79	9.29	2.01	7.48	0.60	6.13
May	4.20	13.49	10.43	17.91	2.99	9.12
June	4.13	17.62	3.67	21.58	2.16	11.28
July	3.51	21.13	1.10	22.68	0.01	11.29
August	3.50	24.63	4.41	27.09	2.87	14.16
September	2.72	27.35	1.18	28.27	1.14	15.30

*Normal based on 45 year record.

OMAHA STATION, DOUGLAS COUNTY—ELEVATION, 978						
October	2.17	2.17	1.92	1.92	3.14	3.14
November	1.07	3.24	2.68	4.60	1.71	4.85
December	0.93	4.17	0.33	4.93	0.40	5.25
January	0.70	4.87	0.22	5.15	1.50	6.75
February	0.89	5.76	0.91	6.06	0.68	7.43
March	1.37	7.13	1.10	7.16	0.84	8.27
April	2.51	9.64	0.80	7.96	0.23	8.50
May	3.77	13.41	3.57	11.53	4.37	12.87
June	4.56	17.97	5.25	16.78	3.28	16.15
July	3.54	21.51	1.11	17.89	0.52	16.67
August	3.05	24.56	2.15	20.04	2.43	19.10
September	3.21	27.77	2.21	22.25	4.51	23.64

*Normal based on 70 year record.

FORT ROBINSON STATION, DAWES COUNTY—ELEVATION, 3807						
October	1.33	1.33	0.68	0.68	0.23	0.23
November	0.46	1.79	0.38	1.06	0.33	0.56
December	0.68	2.47	0.35	1.41	0.22	0.78
January	0.56	3.03	0.14	1.55	0.57	1.35
February	0.62	3.65	0.31	1.86	0.54	1.89
March	0.99	4.64	2.80	4.66	0.46	2.35
April	1.79	6.43	6.37	11.03	1.83	4.18
May	2.64	9.07	5.75	16.78	0.63	4.81
June	2.52	11.59	3.06	19.84	2.08	7.49
July	2.12	13.71	0.88	20.72	0.86	8.35
August	1.62	15.33	0.61	21.33	0.74	9.09
September	1.24	16.57	1.18	22.81	4.26	13.35

*Normal based on 51 year record.

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CLIMATOLOGICAL DATA—Concluded
Precipitation in Inches for Water Year

MONTH	*NORMAL		1935		1936	
	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative
CULBERTSON STATION, HITCHCOCK COUNTY—ELEVATION, 2565						
October	1.29	1.29	0.56	0.56	0.41	0.44
November	0.61	1.90	2.00	2.56	1.25	1.69
December	0.63	2.53	0.75	3.31	0.23	1.92
January	0.37	2.90	0.20	3.51	0.53	2.45
February	0.56	3.46	0.38	3.89	0.22	2.67
March	1.01	4.47	0.46	4.35	0.56	3.23
April	2.22	6.98	1.45	5.80	1.17	4.40
May	2.87	9.56	8.33	14.13	1.37	8.77
June	3.38	12.95	4.27	18.40	1.20	9.97
July	3.00	15.95	0.42	18.82	1.99	11.96
August	2.71	18.69	1.92	20.74	0.36	12.32
September	1.53	20.22	2.21	22.95	1.17	15.19

*Normal based on 49 year record.

GENOA STATION, NANCE COUNTY—ELEVATION, 1584						
October	1.72	1.72	1.30	1.30	1.16	1.16
November	0.82	2.54	2.17	3.47	1.20	2.36
December	0.91	3.45	0.51	4.01	0.33	2.69
January	0.62	4.07	0.08	4.09	1.25	3.94
February	0.72	4.79	0.90	4.99	1.31	5.25
March	1.15	5.94	0.61	5.60	0.18	5.43
April	2.76	8.70	2.78	8.38	0.61	6.07
May	4.08	12.78	7.28	15.66	2.44	8.51
June	4.37	17.15	5.10	20.76	1.76	10.27
July	3.75	20.90	0.68	21.44	0.42	10.69
August	3.10	24.00	2.51	23.98	1.29	11.89
September	3.07	27.07	1.01	24.99	1.23	13.12

*Normal based on 60 year record.

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-11 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	7	.....	.....	21	23	18	20	5000	29	29	8
2	6	8	.....	.....	24	25	19	28	4000	27	32	9
3	6	8	.....	.....	24	21	20	26	2000	13	33	8
4	6	9	.....	.....	24	21	19	32	800	14	40	6
5	6	9	.....	.....	21	21	20	30	400	14	35	6
6	6	9	.....	.....	18	19	20	26	280	10	38	7
7	5	10	.....	.....	18	20	20	21	275	8	36	11
8	5	10	.....	.....	18	20	20	22	266	6	36	39
9	5	9	.....	.....	18	18	22	23	232	4	41	22
10	6	10	.....	.....	18	19	20	18	228	5	38	8
11	6	10	.....	.....	22	18	21	19	224	5	36	6
12	6	11	.....	.....	22	18	23	23	911	5	38	6
13	6	12	.....	.....	22	17	23	17	470	4	38	6
14	6	11	.....	18	22	17	24	17	322	4	39	6
15	6	17	.....	.....	23	16	23	24	192	4	35	6
16	6	14	.....	.....	23	16	23	28	188	4	40	7
17	6	14	.....	.....	23	15	21	33	383	3	41	7
18	6	53	.....	.....	22	14	25	44	908	5	173	6
19	6	28	.....	.....	19	13	24	70	115	4	19	6
20	6	26	.....	.....	19	13	24	63	112	4	11	6
21	6	26	.....	.....	19	13	29	40	118	4	10	5
22	6	26	.....	.....	19	13	29	40	78	4	10	4
23	6	26	.....	.....	18	13	28	33	73	204	204	4
24	6	21	.....	.....	19	13	28	40	73	148	26	5
25	6	25	.....	.....	19	13	32	150	60	159	75	5
26	6	26	.....	.....	18	16	53	36	357	85	30	5
27	6	28	.....	.....	18	16	56	35	112	54	20	5
28	6	36	.....	.....	18	16	40	485	173	33	8	8
29	7	39	.....	.....	.....	16	38	37	80	31	8	6
30	7	32	.....	.....	.....	18	33	3500	232	22	7	4
31	7	.....	.....	.....	.....	18	.....	17000	.....	19	8	.....
Mean	6	19	22	17	20	17	27	709	599	30	40	8
Max.	7	53	.....	.....	21	25	56	17000	5000	204	204	39
Min.	5	7	.....	.....	18	13	18	17	60	3	7	4
A. F.	369	1130	1350	1050	1140	1060	1580	43610	35640	1850	2450	470
Total acre-feet	91700											

BALD DRAIN—Sec. 32-23-56 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.5	2.7	2.6	1.7	1.6	1.3	0.6	3	5	2	5	4
2	2.5	2.7	2.6	1.7	1.6	1.3	0.6	3	5	2	5	4
3	2.5	2.7	2.6	1.7	1.6	1.3	0.6	3	5	2	5	4
4	2.5	2.7	2.6	1.7	1.6	1.3	0.6	3	5	2	5	4
5	2.5	2.7	2.6	1.7	1.6	1.3	0.6	3	5	2	5	4
6	2.5	2.7	2.5	1.7	1.6	1.2	0.6	2	4	2	5	5
7	2.5	2.7	2.5	1.7	1.6	1.2	0.6	2	4	2	5	5
8	2.5	2.7	2.5	1.7	1.6	1.2	0.6	2	4	2	5	5
9	2.5	2.7	2.5	1.7	1.6	1.2	0.6	2	4	2	5	5
10	2.5	2.7	2.5	1.7	1.6	1.2	0.6	2	4	2	5	5
11	2.6	2.8	2.4	1.7	1.6	1.0	0.4	2	4	2	5	5
12	2.6	2.8	2.4	1.7	1.6	1.0	0.4	2	4	2	5	4
13	2.6	2.8	2.4	1.7	1.6	1.0	0.4	2	4	2	5	4
14	2.6	2.8	2.4	1.7	1.6	1.0	0.4	2	4	2	5	4
15	2.6	2.8	2.4	1.7	1.6	1.0	0.4	2	4	2	5	4
16	2.6	2.8	2.2	1.7	1.5	1.0	0.4	2	3	3	4	3
17	2.6	2.8	2.2	1.7	1.5	1.0	0.3	3	3	3	4	3
18	2.6	2.8	2.2	1.7	1.5	1.0	0.3	2	3	3	4	3
19	2.6	2.8	2.2	1.5	1.5	1.0	0.3	5	3	3	4	3
20	2.6	2.8	2.2	1.5	1.5	1.0	0.3	5	3	3	4	3
21	2.6	2.8	2.0	1.5	1.4	0.8	0.3	5	3	4	4	2
22	2.6	2.8	2.0	1.6	1.4	0.8	0.3	3	3	4	4	2
23	2.6	2.8	2.0	1.6	1.4	0.8	0.3	3	3	4	4	2
24	2.6	2.8	2.0	1.6	1.4	0.8	10.0	3	3	4	4	2
25	2.6	2.8	1.8	1.6	1.4	0.8	10.0	3	3	4	4	2
26	2.6	2.7	1.8	1.6	1.3	0.8	10.0	5	2	5	4	1
27	2.6	2.7	1.7	1.6	1.3	0.8	5.0	5	2	5	4	1
28	2.6	2.7	1.7	1.6	1.3	0.8	5.0	5	2	5	4	1
29	2.6	2.7	1.7	1.6	.....	0.8	5.0	5	2	5	4	1
30	2.6	2.7	1.7	1.6	.....	0.8	5.0	5	2	5	4	1
31	2.6	.....	1.7	1.6	.....	0.8	.....	5	.....	5	4	.....
Mean	2.6	2.8	2.2	1.6	1.5	1.0	2.0	3	4	3	4	3
Max.	2.6	2.8	2.6	1.7	1.6	1.3	10.0	5	5	5	5	5
Min.	2.5	2.7	1.7	1.6	1.3	0.8	0.3	2	2	2	4	1
A. F.	138.0	164.0	136.0	101.0	84.0	62.0	120.0	191	208	188	276	190
Total acre-feet	1881											

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BAYARD SUGAR FACTORY DRAIN NEAR BAYARD--Sec. 4-20-52 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20	28	25	27	26	26	25	29	46	1	28	8
2	20	28	25	27	26	25	24	27	38	3	27	10
3	20	29	28	27	26	25	24	26	28	3	27	22
4	21	30	29	27	26	30	24	26	28	4	31	29
5	21	28	27	27	26	29	24	26	28	6	31	20
6	25	28	28	26	25	27	24	26	35	6	28	25
7	25	29	28	26	25	27	23	26	35	10	27	21
8	22	28	27	26	25	28	22	26	30	9	26	22
9	27	23	30	26	25	28	23	25	29	12	27	22
10	27	18	29	26	25	27	23	25	28	14	29	22
11	28	16	30	26	25	27	27	25	34	11	28	22
12	28	18	30	26	25	26	27	29	42	13	26	23
13	28	18	30	26	25	26	24	30	27	15	25	28
14	28	18	30	26	25	26	23	26	27	13	24	31
15	27	18	30	26	24	25	23	27	25	15	25	31
16	28	18	32	26	26	26	23	26	25	14	26	33
17	28	18	32	26	25	25	22	25	38	10	26	35
18	30	18	30	26	24	25	22	46	20	8	20	32
19	26	21	30	24	24	25	22	82	12	8	21	28
20	29	23	30	22	25	24	22	85	11	8	24	28
21	28	22	30	24	24	24	23	60	10	6	21	29
22	28	22	29	26	24	24	10	37	10	7	24	30
23	28	22	28	28	24	23	2	30	10	7	24	28
24	33	22	29	29	24	22	1	28	10	8	24	28
25	35	22	29	28	24	22	33	29	10	8	24	27
26	27	22	29	27	24	22	116	26	9	6	26	27
27	28	22	27	27	25	22	80	30	4	5	26	29
28	28	22	27	27	27	22	40	36	1	6	24	31
29	28	22	27	27	.....	22	36	30	2	11	24	31
30	32	25	27	27	.....	21	30	28	2	18	7	31
31	29	.....	27	27	.....	24	.....	33	.....	8	6	.....
Mean	27	23	29	26	25	25	28	33	22	9	25	27
Max.	35	30	32	29	27	30	116	85	46	18	31	35
Min.	20	16	25	22	24	21	1	25	1	1	6	8
A. F.	1650	1340	1780	1620	1390	1560	1670	2610	1300	551	1510	1590
Total acre-feet	17980											

BIRDWOOD CREEK NEAR HERSHEY--Sec. 2-14-33 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	177	214	189	185	154	200	177	205	255	151	100	158
2	165	214	180	173	140	223	162	169	158	140	98	165
3	169	214	180	173	162	232	173	162	140	140	118	140
4	181	214	180	173	177	270	177	169	131	181	127	131
5	181	211	180	169	193	228	165	177	137	148	130	158
6	173	223	180	173	185	218	181	181	165	127	121	162
7	173	218	175	169	193	214	158	197	140	130	121	148
8	169	201	200	158	201	228	177	223	148	137	112	154
9	154	223	193	158	201	206	185	205	140	191	118	151
10	151	223	189	144	210	228	228	193	130	131	121	141
11	169	218	181	169	214	200	214	250	131	118	118	141
12	177	218	181	189	218	209	193	205	177	115	112	131
13	169	223	193	173	228	200	218	232	148	112	121	140
14	169	218	193	173	228	200	214	210	144	127	121	130
15	173	223	185	181	205	200	218	201	140	110	112	124
16	181	214	181	173	211	200	218	177	338	134	112	124
17	185	218	193	173	218	200	232	193	285	127	115	115
18	205	218	205	154	232	200	223	201	124	158	115	.....
19	210	210	185	61	228	200	232	255	165	127	162	121
20	210	214	193	80	211	185	228	250	151	115	162	121
21	181	210	189	100	241	169	228	210	154	115	154	124
22	197	214	205	125	236	185	218	210	148	140	210	127
23	201	218	165	140	246	189	218	185	140	137	193	130
24	189	218	169	150	210	189	514	181	140	144	173	127
25	185	218	169	175	100	193	350	177	137	137	148	134
26	181	218	121	200	150	177	270	173	151	118	121	134
27	193	210	158	210	200	177	250	210	144	112	118	148
28	193	201	173	220	250	177	205	379	137	109	109	140
29	197	210	197	209	.....	185	193	167	151	100	165	144
30	205	201	197	127	.....	165	193	173	165	98	165	148
31	210	.....	181	144	.....	169	.....	260	.....	95	169	.....
Mean	183	215	183	161	202	205	220	207	163	128	137	138
Max.	210	223	205	220	250	300	514	379	338	181	210	165
Min.	154	201	121	61	100	165	158	162	130	95	98	115
A. F.	11260	12780	11236	9900	11220	12590	13110	12760	9710	7840	8430	8210
Total acre-feet	129000											

DEPARTMENT OF ROADS AND IRRIGATION

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-12 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	53	63	101	120	148	106	58	92	140	96	105	4.0
2	48	58	105	120	147	101	59	82	107	78	84	5.0
3	51	51	116	120	148	104	60	71	95	50	83	6.0
4	55	58	115	124	140	106	55	60	95	90	80	3.0
5	53	74	113	125	135	103	37	61	91	82	77	3.0
6	51	65	117	118	130	95	28	62	105	38	61	3.0
7	62	60	115	117	130	101	27	65	118	31	59	3.0
8	58	62	116	120	130	101	22	66	102	28	50	3.0
9	58	52	117	118	130	100	17	69	97	18	17	4.0
10	58	43	120	122	130	98	16	71	97	14	24	4.0
11	58	41	121	120	129	103	17	75	127	11	18	4.0
12	55	43	127	122	133	98	35	79	377	9	12	3.0
13	62	42	127	117	129	103	68	95	161	7	58	3.0
14	61	42	121	112	129	103	75	110	100	5	79	3.0
15	60	11	118	115	125	103	35	109	94	5	81	2.0
16	58	40	122	115	120	98	11	106	144	5	76	1.0
17	68	39	120	115	117	97	10	106	143	4	80	0.5
18	59	41	117	100	110	97	15	138	107	4	46	0.2
19	60	43	116	80	105	103	14	160	106	48	21	0.2
20	60	41	115	60	104	102	11	157	105	74	12	0.2
21	62	45	118	80	106	98	5	146	120	70	42	0.2
22	73	62	122	100	101	93	2	117	113	68	29	0.5
23	65	72	122	100	98	90	1	105	115	39	31	1.0
24	63	70	117	120	97	82	58	101	111	26	60	1.0
25	62	65	120	125	75	83	213	100	110	19	81	16.0
26	59	58	118	125	80	68	190	100	111	15	54	33.0
27	58	78	124	140	90	43	120	109	106	8	19	26.0
28	56	103	120	150	111	37	105	188	103	6	18	14.0
29	59	105	120	143	.....	11	193	115	104	26	8	14.0
30	66	105	124	142	.....	12	98	100	98	61	5	12.0
31	60	.....	118	146	.....	50	.....	106	.....	87	3	.....
Mean	59	59	118	117	119	80	52	101	120	36	48	5.8
Max.	73	105	127	150	148	106	213	188	377	96	105	33.0
Min.	48	39	101	60	75	37	1	61	91	4	3	0.2
A. F.	3640	3500	7260	7200	6000	5450	3120	6230	7150	2230	2940	343.0
Total acre-feet	53600											

BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	82	95	182	218	170	218	126	180	8630	2760	94	323
2	45	123	95	165	233	209	114	1140	9630	2260	90	755
3	48	327	165	221	162	114	72	869	9080	1190	62	1250
4	39	606	123	227	191	197	165	702	7350	2800	70	667
5	37	348	84	209	215	354	197	508	4710	1270	127	301
6	37	148	90	224	191	324	138	334	5320	759	110	283
7	33	110	101	218	215	168	203	224	4870	772	88	208
8	59	136	78	194	236	303	73	182	3300	953	91	320
9	36	121	95	203	188	390	101	165	2190	885	100	372
10	29	173	99	215	197	165	290	119	2000	717	193	868
11	28	82	154	209	156	191	204	151	4180	633	40	560
12	38	63	156	203	185	334	173	440	2370	616	60	342
13	33	68	88	188	221	236	287	720	1310	612	65	258
14	41	66	82	176	252	188	143	836	919	442	63	240
15	36	110	143	188	182	233	97	706	625	227	56	161
16	27	80	96	140	176	258	65	917	516	224	29	98
17	8	128	173	170	165	93	68	800	658	188	66	234
18	11	317	136	209	287	136	146	663	2990	242	67	110
19	114	162	162	236	284	252	212	751	2420	203	73	82
20	1200	246	136	265	215	93	179	5320	2420	179	63	188
21	1600	95	191	159	179	93	54	4850	3870	65	100	77
22	886	191	126	151	168	165	60	3360	3090	136	112	32
23	777	75	140	271	168	233	60	2420	3660	119	138	112
24	508	68	126	249	194	77	56	2710	3400	146	110	77
25	271	56	170	154	209	59	65	2450	2160	112	107	51
26	361	112	154	215	138	110	191	1900	1770	170	140	439
27	358	51	99	143	133	108	409	2270	1720	240	125	283
28	146	165	121	203	212	82	1390	4790	1800	140	58	72
29	236	99	148	128	.....	88	2870	3710	1800	268	70	73
30	287	154	188	151	.....	95	2970	5620	2180	132	105	91
31	151	.....	200	176	.....	77	.....	4100	.....	159	93	.....
Mean	228	154	152	196	197	179	376	1836	3362	635	89	304
Max.	1200	606	200	271	287	354	2970	3710	9630	2800	193	1250
Min.	8	51	78	128	133	59	54	119	516	65	29	32
A. F.	13990	9190	8110	12060	10950	11010	22350	114100	200000	39030	5480	18090
Total acre-feet	464400											

REPORT OF THE STATE ENGINEER

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 5-1-3 E.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	101	98	128	125	140	109	115	288	6760	1290	125	413
2	87	101	129	122	143	133	116	250	7060	692	115	718
3	84	104	112	123	116	139	115	228	3920	456	112	310
4	86	109	114	126	112	143	116	214	3320	375	112	349
5	91	108	109	128	133	129	118	204	2650	326	108	270
6	80	105	98	136	130	123	122	192	2510	295	105	222
7	77	104	79	130	125	105	125	185	1970	391	101	172
8	75	102	71	130	128	143	122	176	984	552	95	355
9	75	101	77	133	125	122	125	168	770	322	93	1010
10	75	101	87	137	125	123	130	176	638	255	86	880
11	79	101	80	137	121	123	132	116	588	225	88	408
12	83	104	100	143	121	122	126	1780	884	280	86	312
13	81	102	126	139	116	123	128	770	467	243	80	237
14	83	101	125	111	118	122	128	483	366	216	76	201
15	95	107	128	111	115	122	128	426	373	328	77	168
16	84	105	137	108	111	118	126	373	328	190	70	156
17	87	105	133	111	111	121	126	311	1210	180	70	147
18	90	105	142	112	108	123	121	426	2630	171	74	147
19	128	102	143	101	109	122	122	1010	2240	158	76	114
20	130	100	139	108	109	121	120	5940	1640	153	76	136
21	102	107	135	80	108	121	118	5000	936	143	71	133
22	114	118	126	67	107	122	126	2210	513	112	84	130
23	109	112	123	56	107	121	122	1270	391	137	94	132
24	109	109	121	58	107	118	119	808	312	150	139	137
25	102	123	121	59	70	118	115	660	311	135	114	114
26	102	123	119	59	84	122	266	419	286	158	116	418
27	98	128	115	59	93	116	2270	696	280	246	105	284
28	93	136	115	66	105	114	1180	585	1559	211	128	187
29	98	132	115	68	.....	112	450	4920	1050	179	142	165
30	98	133	118	91	.....	112	331	3960	2840	112	116	139
31	98	.....	122	125	.....	111	.....	3380	.....	132	133	.....
Mean	93	110	115	105	116	122	252	1250	1760	281	99	287
Max.	130	136	143	143	146	143	2270	5940	7060	1290	142	1010
Min.	75	98	70	56	70	105	115	168	280	112	70	111
A. F.	5720	6520	7100	6160	6160	7180	15000	78880	104500	17280	6090	17080
Total acre-feet	276900											

BUFFALO CREEK—Sec. 33-0-18 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	14	6	2	4	3	10	27	80	60	6	89
2	5	14	6	2	4	3	10	27	80	31	1	36
3	5	14	6	2	4	3	10	25	80	26	1	17
4	5	14	6	2	4	3	10	15	80	22	4	73
5	5	14	6	2	4	3	10	42	80	22	6	58
6	10	16	6	2	4	3	10	45	56	19	6	32
7	16	16	6	2	4	3	10	42	12	17	5	28
8	16	16	6	2	4	3	10	42	25	22	3	31
9	12	16	6	2	4	3	10	36	20	16	3	11
10	11	16	6	2	4	3	10	31	11	16	3	7
11	11	19	4	2	4	3	10	28	11	11	3	6
12	11	19	4	2	4	3	10	17	10	11	3	8
13	11	19	4	2	4	3	10	25	7	11	2	7
14	11	19	4	2	4	3	10	12	6	11	2	7
15	11	19	4	2	4	3	10	43	6	10	2	7
16	11	15	4	2	4	3	10	12	5	12	1	13
17	11	15	4	2	4	3	10	62	5	10	0	14
18	11	15	4	2	4	3	10	69	3	8	0	12
19	11	15	4	2	4	3	10	80	19	8	0	15
20	11	15	4	2	4	3	10	80	80	12	0	13
21	11	10	4	2	4	3	12	80	33	12	1	12
22	14	10	4	3	4	3	12	80	22	11	1	12
23	14	10	4	3	4	3	12	53	25	8	1	6
24	14	10	4	3	4	3	12	31	22	7	2	6
25	11	10	4	3	4	3	12	28	21	7	2	6
26	14	7	4	3	4	20	12	25	22	6	3	5
27	14	7	4	3	4	33	12	9	60	6	130	5
28	14	7	4	3	4	10	12	6	60	5	150	5
29	11	7	4	3	.....	10	12	6	80	4	42	5
30	11	7	4	3	.....	10	12	22	87	4	22	1
31	11	.....	4	3	.....	10	.....	60	.....	1	100	.....
Mean	11	13	5	2	4	5	11	40	40	15	16	18
Max.	16	19	6	3	4	33	12	80	87	60	150	89
Min.	5	7	4	2	4	3	10	6	3	4	0	4
A. F.	698	893	285	115	222	333	635	2485	2388	922	1013	1103
Total acre-feet	11032											

BULL DRAIN—Sec. 19-13-28 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1							4	8	3	2	1.0
2	1							4	8	3	2	1.0
3	1							3	8	3	2	1.0
4	1							3	8	3	2	1.0
5	1							3	8	3	2	1.0
6	1							3	5	3	2	1.0
7	1							3	5	3	2	1.0
8	1							3	5	3	2	1.0
9	1							3	5	3	2	1.0
10								2	5	3	2	1.0
11								2	5	3	2	1.0
12								2	5	3	2	1.0
13								2	5	3	2	1.0
14								2	5	3	2	1.0
15								2	5	3	2	1.0
16								2	5	3	2	1.0
17						4	4	2	4	3	2	1.0
18						4	4	10	4	3	2	1.0
19						4	4	10	4	3	2	1.0
20						4	4	10	4	3	2	1.0
21						1	1	3	4	3	2	0.5
22						1	1	3	4	3	2	0.5
23						1	1	3	4	3	2	0.5
24						1	1	3	4	3	2	0.5
25						1	1	3	4	3	2	0.5
26								5	3	3	2	0.5
27								5	3	3	2	0.5
28								5	3	3	2	0.5
29								10	3	3	2	0.5
30								10	3	3	2	0.5
31								10		3	2	0.5
Mean								4	5	3	2	0.8
Max.								10	8	3	2	1.0
Min.								3	3	3	2	0.5
A. F.	103	118	123	123	111	244	260	290	288	194	123	50.0
Total acre-feet	2018											

CAMP CLARK SEEP—Sec. 9-20-51 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1			2.0	1.5	1.4	1.4	2	4	5	3	3	4
2			2.0	1.5	1.4	1.4	2	4	5	3	3	4
3			2.0	1.5	1.4	1.4	2	4	5	3	3	4
4			2.0	1.5	1.4	1.4	2	4	5	3	3	4
5			2.0	1.5	1.4	1.4	2	4	5	3	3	4
6			2.0	1.5	1.4	1.4	2	4	5	3	3	4
7			2.0	1.5	1.4	1.4	2	4	5	3	3	4
8			2.0	1.5	1.4	1.4	2	4	5	3	3	4
9			2.0	1.5	1.4	1.4	2	4	5	3	3	4
10			2.0	1.5	1.4	1.4	2	4	5	3	3	4
11			2.0	1.5	1.4	1.5	3	3	10	3	3	4
12			2.0	1.5	1.4	1.5	2	3	5	3	3	4
13			2.0	1.5	1.4	1.5	2	3	5	3	3	4
14			2.0	1.5	1.4	1.5	2	3	5	3	3	4
15			2.0	1.5	1.4	1.5	2	3	5	3	3	4
16			1.8	1.5	1.4	1.5	2	3	4	3	3	4
17			1.8	1.5	1.4	1.5	2	3	4	3	3	4
18			1.8	1.5	1.4	1.5	2	3	4	3	3	4
19			1.8	1.5	1.4	1.5	2	3	4	3	3	4
20			1.8	1.5	1.4	1.5	2	3	4	3	3	4
21			1.8	1.5	1.4	1.5	2	3	4	3	3	4
22			1.8	1.5	1.4	1.5	2	3	4	3	3	4
23			1.8	1.5	1.4	1.5	2	3	4	3	3	4
24			1.8	1.5	1.4	1.5	10	3	4	3	3	4
25			1.8	1.5	1.4	1.5	10	3	4	3	3	4
26			1.8	1.5	1.4	1.5	10	3	4	3	3	4
27			1.8	1.5	1.4	1.5	10	3	4	3	3	4
28			1.8	1.5	1.4	1.5	10	3	4	3	3	4
29			1.8	1.5		1.5	5	10	3	3	3	4
30			1.8	1.5		1.5	5	5	3	3	3	4
31			1.8	1.5		1.5		5		3	3	4
Mean			1.9	1.5	1.4	1.8	3	4	5	3	3	4
Max.			2.0	1.5	1.4	5.0	10	10	10	3	3	5
Min.			1.8	1.5	1.4	1.4	2	3	3	3	3	4
A. F.	123	119	117.0	92.0	78.0	110.0	194	270	268	184	184	258
Total acre-feet	1977											

REPORT OF THE STATE ENGINEER

CEDAR BRANCH CREEK—Sec. 17-14-35 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.5	2.6	2.0	1.6	1.7	1.8	1.3	2	2	2	2	2
2	2.5	2.6	2.0	1.6	1.7	1.8	1.3	2	2	2	2	2
3	2.5	2.6	2.0	1.6	1.7	1.8	1.3	2	2	2	2	2
4	2.5	2.6	2.0	1.6	1.7	1.8	1.3	2	2	2	2	2
5	2.5	2.6	2.0	1.6	1.7	1.8	1.3	2	2	2	2	2
6	2.7	2.5	2.0	1.5	1.7	1.7	1.3	2	2	2	2	2
7	2.7	2.5	2.0	1.5	1.7	1.7	1.3	2	2	2	2	2
8	2.7	2.5	2.0	1.5	1.7	1.7	1.3	2	2	2	2	2
9	2.7	2.5	2.0	1.5	1.7	1.7	1.3	2	2	2	2	2
10	2.7	2.5	2.0	1.5	1.7	1.7	1.3	2	2	2	2	2
11	2.7	2.5	1.8	1.5	1.7	1.6	1.3	2	2	2	2	2
12	2.7	2.5	1.8	1.5	1.7	1.6	1.3	2	2	2	2	2
13	2.7	2.5	1.8	1.5	1.7	1.6	1.3	2	2	2	2	2
14	2.7	2.5	1.8	1.5	1.7	1.6	1.3	2	2	2	2	2
15	2.7	2.5	1.8	1.5	1.7	1.6	1.3	2	2	2	2	2
16	2.7	2.5	1.8	1.5	1.7	1.5	1.3	2	2	2	2	2
17	2.7	2.5	1.7	1.5	1.7	1.5	1.3	2	2	2	2	2
18	2.7	2.5	1.7	1.5	1.7	1.5	1.3	2	2	2	2	2
19	2.7	2.5	1.7	1.5	1.7	1.5	1.3	2	2	2	2	2
20	2.7	2.5	1.7	1.5	1.7	1.5	1.3	2	2	2	2	2
21	2.6	2.2	1.7	1.6	1.7	1.4	1.3	2	2	2	2	2
22	2.6	2.2	1.7	1.6	1.7	1.4	1.3	2	2	2	2	2
23	2.6	2.2	1.7	1.6	1.7	1.4	1.3	2	2	2	2	2
24	2.6	2.2	1.7	1.6	1.7	1.4	2.0	2	2	2	2	2
25	2.6	2.2	1.7	1.6	1.5	1.4	2.0	2	2	2	2	2
26	2.6	2.2	1.6	1.6	1.5	1.3	2.0	2	2	2	2	2
27	2.6	2.2	1.6	1.6	1.7	1.3	2.0	2	2	2	2	2
28	2.6	2.2	1.6	1.6	1.7	1.3	2.0	2	2	2	2	2
29	2.6	2.2	1.6	1.6	.....	1.3	2.0	2	2	2	2	2
30	2.6	2.2	1.6	1.6	.....	1.3	2.0	2	2	2	2	2
31	2.6	.....	1.6	1.6	.....	1.3	.....	2	2	2	2	2
Mean	2.6	2.4	1.8	1.5	1.7	1.5	1.1	2	2	2	2	2
Max.	2.7	2.5	2.0	1.6	1.7	1.8	2.0	2	2	2	2	2
Min.	2.5	2.2	1.6	1.5	1.5	1.3	1.3	2	2	2	2	2
A. F.	162.0	144.0	110.0	95.0	94.0	95.0	87.0	123	119	123	123	119
Total acre-feet	1394											

CEDAR CREEK—Sec. 11-18-48 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	8	13	13	13	13	5	12	21	16	14	3
2	3	8	13	13	13	13	5	12	22	16	13	4
3	3	8	13	13	13	13	5	12	38	16	11	3
4	3	8	13	13	13	13	5	12	21	15	11	3
5	3	8	13	13	13	13	3	12	19	16	11	3
6	13	8	13	13	13	13	3	13	11	15	14	6
7	13	8	13	13	14	13	3	14	12	15	14	6
8	13	8	13	13	14	13	3	4	12	16	11	6
9	13	8	13	13	14	13	3	5	5	15	13	12
10	13	8	13	13	14	13	5	4	10	18	12	11
11	14	8	13	13	13	13	5	4	4	15	12	5
12	13	8	13	13	13	13	5	3	29	36	12	9
13	13	8	13	13	13	13	5	4	17	19	12	5
14	13	8	13	13	13	13	5	3	16	15	12	4
15	13	8	13	13	13	13	5	5	19	16	12	5
16	3	8	13	13	13	13	5	4	48	13	12	5
17	3	8	13	13	13	13	5	4	29	6	12	5
18	3	8	13	13	13	13	5	5	19	5	12	5
19	3	8	13	13	13	13	5	18	20	6	12	5
20	3	8	13	13	13	13	5	18	18	5	11	4
21	3	8	13	13	12	13	5	20	18	5	4	3
22	3	8	13	13	12	13	5	15	17	5	4	6
23	3	8	13	13	12	13	5	15	17	13	6	5
24	3	8	13	13	12	13	20	14	17	13	3	1
25	3	8	13	13	12	13	20	14	17	14	3	7
26	3	8	13	13	12	13	20	13	17	13	3	8
27	3	8	13	13	12	13	15	14	17	13	4	13
28	3	8	13	13	12	13	15	15	17	13	3	20
29	3	8	13	13	.....	13	15	23	16	12	3	20
30	3	8	13	13	.....	13	15	18	16	13	4	19
31	3	.....	13	13	.....	13	.....	19	11	13	3	.....
Mean	6	8	13	13	13	13	8	11	19	14	10	7
Max.	14	8	13	13	14	13	20	23	48	36	14	20
Min.	3	8	13	13	12	13	3	3	5	5	3	3
A. F.	385	476	799	799	714	799	446	690	1130	831	585	434
Total acre-feet	8088											

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COLD WATER CREEK—Sec. 31-18-16 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
2	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
3	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
4	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
5	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
6	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
7	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
8	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
9	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
10	0.2	0.2	1	4	3.0	0.2	0.2	0.2	2	3	2	1.0
11	0.2	0.2	1	4	2.0	0.2	0.2	0.2	2	2	2	1.0
12	0.2	0.2	1	4	2.0	0.2	0.2	0.2	2	2	2	1.0
13	0.2	0.2	1	3	2.0	0.2	0.2	0.2	2	2	2	1.0
14	0.2	0.2	1	3	2.0	0.2	0.2	0.2	2	2	2	1.0
15	0.2	0.2	1	3	2.0	0.2	0.2	0.2	2	2	2	1.0
16	0.2	0.2	1	3	1.0	0.2	0.2	0.2	2	2	2	1.0
17	0.2	0.2	1	3	1.0	0.2	0.2	0.2	2	2	2	1.0
18	0.2	0.2	1	3	1.0	0.2	0.2	0.2	2	2	2	1.0
19	0.2	0.2	2	3	1.0	0.2	0.2	0.2	2	2	2	1.0
20	0.2	0.2	2	3	1.0	0.2	0.2	0.2	2	2	2	1.0
21	0.2	0.2	2	3	0.2	0.2	0.2	0.2	4	2	2	0.1
22	0.2	0.2	2	3	0.2	0.2	0.2	0.2	4	2	4	0.1
23	0.2	0.2	2	3	0.2	0.2	0.2	0.2	4	2	4	0.1
24	0.2	0.2	2	3	0.2	0.2	5.0	0.2	4	2	4	0.1
25	0.2	0.2	2	3	0.2	0.2	5.0	0.2	4	2	4	0.1
26	0.2	3.0	3	3	0.2	0.2	5.0	0.2	4	2	4	0.1
27	0.2	3.0	3	3	0.2	0.2	3.0	0.2	4	2	4	0.1
28	0.2	3.0	3	3	0.2	0.2	3.0	0.2	4	2	4	0.1
29	0.2	3.0	3	3	-----	0.2	3.0	2.0	4	2	4	0.1
30	0.2	3.0	3	3	-----	0.2	3.0	2.0	1	2	2	0.1
31	0.2	-----	3	3	-----	0.2	-----	2.0	-----	2	1	-----
Mean	0.2	0.7	2	3	1.7	0.2	1.0	0.4	3	2	2	0.7
Max.	0.2	3.0	3	4	3.0	0.2	5.0	2.0	4	3	4	1.0
Min.	0.2	0.2	1	3	0.2	0.2	0.2	0.2	2	2	1	0.1
A. F.	12.0	40.0	99	208	82.0	12.0	63.0	23.0	158	143	153	42.0
Total acre-feet	1016											

DAWSON COUNTY DRAIN—Sec. 25-10-23 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.0	0.5	1	2	2	1	1	5	12	8	2	5
2	0.0	0.5	1	2	2	1	1	5	12	8	2	4
3	0.0	0.5	3	2	2	1	1	5	12	7	2	4
4	0.0	0.5	3	2	2	1	1	5	12	7	2	4
5	0.0	0.5	3	2	2	1	1	5	12	7	2	3
6	0.0	0.5	3	2	2	1	1	6	10	7	2	3
7	0.0	0.5	3	2	2	1	1	6	10	7	2	3
8	0.0	0.5	3	2	2	1	1	6	10	7	2	3
9	0.0	0.5	3	2	2	1	1	6	10	6	2	3
10	0.0	0.5	3	2	2	1	2	6	10	6	2	3
11	0.0	0.5	3	2	2	1	2	7	10	6	2	3
12	0.0	0.5	3	2	2	1	2	7	10	5	1	3
13	0.0	0.5	3	2	2	1	2	7	10	5	1	3
14	0.0	0.5	3	2	2	1	2	7	10	5	1	3
15	0.0	0.5	3	2	2	1	2	7	10	5	1	3
16	0.0	0.5	3	2	2	1	2	7	12	5	1	3
17	0.0	0.5	3	2	2	1	2	7	15	5	1	3
18	0.5	0.5	3	2	2	1	2	15	17	4	1	3
19	0.5	0.5	3	2	2	1	2	15	13	4	1	3
20	0.5	0.5	3	2	2	1	2	15	9	3	1	3
21	0.5	1.0	2	2	2	1	2	15	9	3	1	3
22	0.5	1.0	2	2	2	1	2	15	9	2	1	3
23	0.5	1.0	2	2	2	1	2	8	9	3	1	3
24	0.5	1.0	2	2	2	1	5	8	9	3	1	3
25	0.5	1.0	2	2	2	1	5	8	9	3	0	3
26	0.5	1.0	2	2	2	1	5	8	9	3	0	3
27	0.5	1.0	2	2	2	1	3	8	9	3	5	3
28	0.5	1.0	2	2	2	1	3	15	9	3	22	3
29	0.5	1.0	2	2	-----	1	3	15	9	3	16	3
30	0.5	1.0	2	2	-----	1	3	15	9	2	3	3
31	0.5	-----	2	2	-----	1	-----	15	-----	2	3	-----
Mean	0.2	0.7	2.6	2	2	1	2	9	10	5	3	3
Max.	0.5	1.0	3.0	2	2	1	5	15	17	8	22	5
Min.	0.0	0.5	1.0	2	2	1	1	5	9	2	1	3
A. F.	14.0	40.0	155.0	123	111	61	127	553	627	292	206	188
Total acre-feet	2497											

DEPARTMENT OF ROADS AND IRRIGATION

DEGRAW DRAIN--Sec. 24-20-51 W.

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	3	3	3	4	2	4	4	2	1	1
2	2	3	3	3	3	4	2	4	4	2	1	1
3	2	3	3	3	3	4	2	4	4	2	1	1
4	2	3	3	3	3	4	2	4	4	2	1	1
5	2	3	3	3	3	4	2	4	4	2	1	1
6	2	3	3	3	3	4	2	4	4	1	1	2
7	2	3	3	3	3	4	2	4	4	1	1	2
8	2	3	3	3	4	4	2	4	4	1	1	2
9	2	3	3	3	4	4	2	4	4	1	1	2
10	2	3	3	3	4	4	2	4	4	1	1	2
11	2	3	3	3	4	4	2	4	4	1	1	2
12	2	3	3	3	4	4	2	4	4	1	1	2
13	2	3	3	3	4	4	2	4	4	1	1	2
14	2	3	3	3	4	4	2	4	4	1	1	2
15	2	3	3	3	4	4	2	4	4	1	1	2
16	2	3	3	3	4	4	2	4	4	1	1	2
17	2	3	3	3	4	4	2	4	4	1	1	2
18	2	3	3	3	4	4	2	4	4	1	1	2
19	2	3	3	3	4	4	2	4	4	1	1	2
20	2	3	3	3	4	4	2	4	4	1	1	2
21	2	3	3	3	4	4	2	4	4	1	1	3
22	2	3	3	3	4	4	2	4	4	1	1	3
23	2	3	3	3	4	4	2	4	4	1	1	3
24	2	3	3	3	4	4	3	5	4	3	1	3
25	2	3	3	3	4	4	3	5	4	3	1	3
26	2	3	3	3	4	4	3	5	4	2	1	4
27	2	3	3	3	4	4	3	4	4	2	1	4
28	2	3	3	3	4	4	3	4	4	2	1	4
29	2	3	3	3	4	4	3	4	4	2	1	4
30	2	3	3	3	4	4	3	4	4	2	1	4
31	2	3	3	3	4	4	3	4	4	2	1	4
Mean	2	3	3	3	4	4	2	4	4	3	1	2
Max.	2	3	3	3	4	4	5	4	4	2	1	4
Min.	2	3	3	3	3	3	2	4	2	1	1	1
A. F.	123	170	184	181	208	214	153	246	199	71	61	130
Total acre-feet	1981											

DUGOUT CREEK, UPPER--Sec. 20-20-50 W.

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.6	2.0	0.2	3	6
2	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.7	1.0	0.2	3	5
3	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.4	1.0	0.1	2	5
4	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.4	0.3	0.1	5	5
5	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	4	5
6	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.4	0.3	0.8	4	4
7	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.5	4	4
8	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	4	5
9	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.1	0.1	3	5
10	0.2	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.1	0.5	3	4
11	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.1	0.2	2	4
12	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.4	12.0	1.0	4	4
13	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.4	43.0	0.7	4	4
14	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.4	39.0	0.4	4	4
15	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.4	32.0	0.2	4	4
16	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.3	20.0	0.1	5	4
17	0.3	0.5	0.5	0.4	0.3	0.3	0.3	0.3	15.0	0.2	4	5
18	0.3	0.5	0.5	0.4	0.3	0.3	0.3	1.0	21.0	0.8	5	5
19	0.3	0.5	0.5	0.4	0.3	0.3	0.3	2.0	15.0	1.0	5	5
20	0.3	0.5	0.5	0.4	0.3	0.3	0.3	2.0	12.0	0.1	5	5
21	0.3	0.6	0.5	0.4	0.3	0.3	0.3	1.0	22.0	0.1	4	5
22	0.3	0.6	0.5	0.4	0.3	0.3	0.2	0.9	18.0	2.0	5	5
23	0.3	0.6	0.5	0.4	0.3	0.3	0.1	0.7	28.0	2.0	4	4
24	0.3	0.6	0.5	0.4	0.3	0.3	1.0	0.4	21.0	2.0	4	4
25	0.3	0.6	0.5	0.4	0.3	0.3	1.0	0.4	18.0	2.0	4	4
26	0.3	0.6	0.5	0.4	0.3	0.3	3.0	0.3	2.0	2.0	4	4
27	0.3	0.6	0.5	0.4	0.3	0.3	2.0	0.4	0.5	2.0	5	5
28	0.3	0.6	0.5	0.4	0.3	0.3	0.8	0.8	0.3	2.0	6	5
29	0.3	0.6	0.5	0.4	0.3	0.3	0.9	0.2	0.4	2.0	5	5
30	0.3	0.6	0.5	0.4	0.3	0.3	0.6	0.3	0.2	2.0	5	5
31	0.3	0.5	0.4	0.3	0.3	0.3	0.2	0.2	2.0	5	5	5
Mean	0.3	0.5	0.5	0.4	0.3	0.3	0.6	0.5	9.8	0.9	4	4
Max.	0.3	0.6	0.5	0.4	0.3	0.3	4.0	2.0	43.0	2.0	6	6
Min.	0.2	0.4	0.5	0.4	0.3	0.3	0.1	0.2	0.1	0.1	2	4
A. F.	16.0	30.0	31.0	25.0	17.0	18.0	37.0	33.0	645.0	59.0	256	274
Total acre-feet	1441											

REPORT OF THE STATE ENGINEER

ELKHORN RIVER AT NELIGH—Sec. 20-56-6 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	75	96	114	128	183	195	139	360	1110	270	76	96
2	71	98	138	142	188	193	151	329	1780	231	71	111
3	75	102	128	108	178	205	157	302	2110	205	70	129
4	79	102	142	112	170	240	162	268	1920	195	71	115
5	80	103	164	100	162	226	173	237	1740	187	69	119
6	76	108	168	98	160	220	179	212	1350	175	66	109
7	73	108	172	150	168	209	185	212	1000	188	61	131
8	75	108	168	178	175	209	191	203	813	158	62	130
9	79	106	161	184	185	248	207	195	649	148	58	110
10	79	101	138	178	188	237	266	187	551	141	51	102
11	80	102	158	188	190	246	350	209	489	136	53	103
12	83	102	158	188	188	193	376	302	443	130	51	106
13	83	101	161	190	184	191	355	286	404	118	47	103
14	81	109	172	190	180	191	338	298	368	109	47	91
15	81	110	179	165	173	195	312	310	336	100	41	86
16	87	111	189	110	175	201	295	307	302	96	43	80
17	90	118	193	158	179	172	275	302	331	89	43	71
18	97	111	189	158	191	193	246	329	301	81	46	68
19	120	151	187	152	201	175	233	181	343	71	52	70
20	158	157	185	114	187	170	214	780	368	70	56	70
21	125	149	181	158	181	168	201	1110	368	65	52	68
22	108	149	173	150	183	168	189	1170	353	70	52	68
23	106	142	153	158	185	158	175	1140	307	288	50	66
24	100	138	157	162	197	155	193	1059	275	251	50	58
25	94	158	161	168	193	148	780	998	268	203	75	62
26	90	142	162	174	189	142	675	891	275	134	76	65
27	86	149	148	168	187	133	635	780	257	101	73	70
28	89	155	165	160	183	134	537	621	277	91	70	79
29	96	157	174	168	.....	.....	128	448	582	310	80	69
30	98	149	170	176	.....	.....	131	399	590	298	76	69
31	94	.....	153	178	.....	.....	131	.....	659	.....	71	78
Mean	91	124	165	156	183	183	301	506	660	139	60	90
Max.	158	157	193	190	201	248	780	1170	2110	288	78	131
Min.	71	96	128	98	160	128	139	187	257	65	43	58
A. F.	5580	7360	10150	9620	10110	11240	17920	31110	39260	8570	3890	5320
Total acre-feet	160000											

ELKHORN RIVER AT WATERLOO—Sec. 10-15-10 E.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	298	331	447	226	360	175	178	1220	2460	702	293	278
2	272	331	414	240	376	280	478	1080	2860	606	730	272
3	266	357	229	230	400	330	482	1010	2700	610	1030	268
4	256	350	208	260	375	400	496	984	2830	620	1180	268
5	251	317	190	328	350	500	591	928	2950	608	784	263
6	249	347	193	365	345	610	510	856	3250	557	627	260
7	244	317	206	306	370	670	526	792	2900	515	738	258
8	242	317	250	382	110	755	526	753	2700	478	443	1130
9	242	350	310	368	475	808	552	730	2500	597	337	653
10	242	317	285	357	520	928	591	716	2320	1080	298	426
11	244	317	255	358	569	976	633	666	2100	660	272	377
12	241	317	221	361	611	928	653	760	1700	562	258	344
13	247	350	260	366	625	824	816	1120	1300	482	244	301
14	254	353	288	368	631	753	856	1270	1090	426	227	280
15	251	357	304	300	620	723	821	952	1020	407	246	263
16	258	361	305	246	616	701	824	1130	920	399	295	247
17	263	371	305	262	612	653	800	928	888	377	202	240
18	272	390	300	248	585	627	768	848	936	353	200	233
19	293	418	274	265	569	653	708	936	1570	334	202	222
20	347	430	260	226	547	610	666	1520	1690	321	321	216
21	328	460	250	240	535	611	610	2150	1610	318	367	211
22	178	456	264	265	520	507	611	2220	1490	312	646	209
23	447	451	257	240	500	585	603	2070	1180	394	367	200
24	399	435	266	260	490	574	646	2030	1050	304	562	196
25	395	420	258	288	258	557	1110	2010	1040	321	370	196
26	364	459	253	300	177	546	1570	1930	1040	347	282	205
27	340	439	200	276	155	528	2320	1840	1300	411	263	206
28	328	451	216	260	130	501	1770	1790	1190	387	251	200
29	321	451	252	285	.....	492	1550	1650	1190	374	251	200
30	324	460	237	313	.....	487	1430	1810	1000	340	249	200
31	328	.....	227	316	.....	182	.....	1790	.....	397	260	.....
Mean	299	389	263	297	451	610	831	1317	1761	474	409	294
Max.	478	460	447	396	634	976	2320	2450	3250	1080	1180	1130
Min.	242	331	190	226	130	175	478	696	888	364	200	196
A. F.	18400	23140	16190	18290	25050	37480	49470	80980	104800	29160	25150	17490
Total acre-feet	445600											

FAIRFIELD SEEP--Sec. 18-21-53 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.5	0.1	0	0.0	0.2	0.2	0.1	3	3	2	2	2
2	0.5	0.1	0	0.0	0.2	0.2	0.1	3	3	2	2	2
3	0.5	0.1	0	0.0	0.2	0.2	0.1	3	3	2	2	2
4	0.5	0.1	0	0.0	0.2	0.2	0.1	3	3	2	2	2
5	0.5	0.1	0	0.0	0.2	0.2	0.1	3	3	2	2	2
6	0.5	0.1	0	0.0	0.2	0.2	0.1	3	3	2	2	2
7	0.5	0.1	9	0.0	0.2	0.2	0.1	3	2	2	2	2
8	0.5	0.1	0	0.0	0.2	0.2	0.1	3	2	2	2	2
9	0.5	0.1	0	0.0	0.2	0.2	0.1	3	2	2	2	2
10	0.5	0.1	0	0.0	0.2	0.2	0.1	3	2	2	2	2
11	0.4	0.1	0	0.0	0.2	0.1	0.1	2	2	2	2	2
12	0.4	0.1	0	0.0	0.2	0.1	0.1	2	2	2	2	2
13	0.1	0.1	0	0.0	0.2	0.1	0.1	2	2	2	2	2
14	0.4	0.1	0	0.0	0.2	0.1	0.1	2	2	2	2	2
15	0.4	0.1	0	0.0	0.2	0.1	0.1	2	2	2	2	2
16	0.3	0.0	0	0.0	0.2	0.1	0.1	2	2	2	2	2
17	0.3	0.0	0	0.0	0.2	0.1	0.1	2	2	2	2	2
18	0.3	0.0	0	0.0	0.2	0.1	0.1	3	2	2	2	2
19	0.3	0.0	0	0.0	0.2	0.1	0.1	3	2	2	2	2
20	0.3	0.0	0	0.0	0.2	0.1	0.1	3	2	2	2	2
21	0.2	0.0	0	0.0	0.2	0.1	0.1	2	2	2	2	1
22	0.2	0.0	0	0.0	0.2	0.1	0.1	2	2	2	2	1
23	0.2	0.0	0	0.0	0.2	0.1	0.1	2	2	2	2	1
24	0.2	0.0	0	0.0	0.2	0.1	5.0	2	2	2	2	1
25	0.2	0.0	0	0.0	0.2	0.1	5.0	2	2	2	2	1
26	0.2	0.0	0	0.1	0.2	0.1	5.0	2	2	2	2	1
27	0.2	0.0	0	0.1	0.2	0.1	3.0	3	2	2	2	1
28	0.2	0.0	0	0.1	0.2	0.1	3.0	3	2	2	2	1
29	0.2	0.0	0	0.1	-----	0.1	3.0	3	2	2	2	1
30	0.2	0.0	0	0.1	-----	0.1	3.0	3	2	2	2	1
31	0.2	-----	0	0.1	-----	0.1	-----	3	-----	2	2	-----
Mean	0.3	-----	0	-----	0.2	0.1	1.0	3	2	2	2	2
Max.	0.5	0.1	0	0.1	0.2	0.2	5.0	3	3	2	2	2
Min.	0.2	0.0	0	0.0	0.2	0.1	0.1	2	2	2	2	1
A. F.	21.0	3.0	0	1.0	11.0	8.0	58.0	159	129	123	123	99
Total acre-feet	735											

FANNING SEEP--Sec. 28-23-56 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.7	2.7	2.5	2.3	2	2	2	3	8	2	2	3
2	2.7	2.7	2.5	2.3	2	2	2	3	8	2	2	3
3	2.7	2.7	2.5	2.3	2	2	2	3	8	2	2	3
4	2.7	2.7	2.5	2.3	2	2	2	3	8	2	2	3
5	2.7	2.7	2.5	2.3	2	2	2	5	8	2	2	3
6	2.7	2.7	2.6	2.3	2	2	2	3	9	1	2	4
7	2.7	2.7	2.6	2.3	2	2	2	3	9	1	2	4
8	2.7	2.7	2.6	2.3	2	2	2	3	9	1	2	4
9	2.7	2.7	2.6	2.3	2	2	2	3	9	1	2	4
10	2.7	2.7	2.6	2.3	2	2	2	3	9	1	2	4
11	2.7	2.7	2.6	2.2	2	2	2	3	9	1	2	4
12	2.7	2.7	2.6	2.2	2	2	2	4	10	1	2	4
13	2.7	2.7	2.6	2.2	2	2	2	4	8	1	2	4
14	2.7	2.7	2.6	2.2	2	2	2	4	8	1	2	4
15	2.7	2.7	2.6	2.2	2	2	2	4	8	1	2	4
16	2.7	2.7	2.5	2.2	2	2	2	4	6	1	3	3
17	2.7	2.7	2.5	2.2	2	2	2	4	6	1	3	3
18	2.7	2.7	2.5	2.2	2	2	2	5	6	1	3	3
19	2.7	2.7	2.5	2.0	2	2	2	5	6	1	3	3
20	2.7	2.7	2.5	2.0	2	2	2	5	6	1	3	3
21	2.7	2.7	2.4	2.0	2	2	2	5	4	1	3	3
22	2.7	2.7	2.4	2.0	2	2	2	5	4	1	3	3
23	2.7	2.7	2.4	2.2	2	2	2	5	4	1	3	3
24	2.7	2.7	2.4	2.2	2	2	3	5	4	1	3	3
25	2.7	2.7	2.4	2.2	2	2	3	5	4	1	3	3
26	2.7	2.5	2.4	2.2	2	2	3	7	3	1	3	3
27	2.7	2.5	2.1	2.2	2	2	3	7	3	1	3	3
28	2.7	2.5	2.1	2.2	2	2	3	7	3	1	3	3
29	2.7	2.5	2.1	2.2	-----	2	3	7	3	1	3	3
30	2.7	2.5	2.1	2.2	-----	2	3	7	3	1	3	3
31	2.7	-----	2.1	2.2	-----	2	-----	7	-----	1	3	-----
Mean	2.7	2.7	2.5	2.2	2	2	2	4	7	1	2	3
Max.	2.7	2.7	2.6	2.3	2	2	3	7	10	2	3	4
Min.	2.7	2.5	2.4	2.0	2	2	2	3	3	1	2	3
A. F.	166.0	159.0	153.0	136.0	111	123	133	276	391	71	154	196
Total acre-feet	2071											

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER ABOVE CHAMPION—Sec. 19-6-39 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	12	22	34	39	15	13	16	123	28	32	39
2	18	12	21	14	10	12	13	17	71	18	35	24
3	18	12	21	19	16	38	13	17	52	11	32	25
4	15	11	21	39	42	36	15	18	50	11	27	27
5	11	12	21	18	39	39	13	18	40	11	27	27
6	12	12	21	27	26	15	12	20	9	11	26	27
7	12	12	21	39	24	11	11	20	16	11	27	28
8	12	12	21	34	33	11	13	18	21	14	27	30
9	12	13	18	27	22	39	13	20	18	13	28	33
10	14	28	15	26	22	32	11	20	18	14	30	33
11	11	33	16	20	22	32	10	18	18	15	32	33
12	15	32	16	20	20	18	10	18	28	14	32	31
13	51	39	16	20	15	12	9	21	50	16	32	36
14	39	39	17	29	15	11	9	21	38	50	32	36
15	15	39	17	24	21	11	9	26	32	22	32	33
16	18	36	16	34	28	18	11	24	32	16	28	30
17	52	39	16	18	28	13	9	26	57	17	27	20
18	34	34	16	24	28	11	9	32	52	18	27	20
19	34	34	16	33	27	16	9	12	39	17	28	20
20	36	32	18	32	28	20	10	12	45	18	28	20
21	34	28	11	32	28	15	9	57	41	21	30	18
22	36	28	11	32	30	15	9	60	41	27	32	18
23	36	28	12	33	28	15	8	56	41	24	30	18
24	36	26	10	36	26	16	10	52	41	20	28	17
25	36	24	10	39	28	11	12	51	44	20	21	22
26	33	24	39	39	33	14	14	42	41	18	21	38
27	17	21	38	12	38	14	10	26	32	17	13	36
28	17	21	38	11	39	11	11	232	27	17	13	28
29	22	21	34	12	.....	13	11	112	32	17	20	14
30	13	21	30	10	.....	11	14	46	33	24	34	27
31	12	.....	32	10	.....	14	.....	121	.....	26	33	.....
Mean	24	25	25	32	29	24	11	42	40	19	28	27
Max.	54	33	44	41	46	45	14	232	123	50	34	38
Min.	11	11	15	18	15	12	8	16	9	13	13	14
A. F.	1480	1360	1500	1910	1590	1450	651	2600	2370	1170	1720	1590
Total acre-feet	19180											

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	*	*	*	*	15	26	42	129	47	43	51
2	16	26	29	81	32	49	50
3	15	26	37	56	39	16	38
4	56	24	31	58	23	37	49
5	10	30	27	56	38	35	43
6	59	22	31	36	31	38	46
7	63	20	37	35	22	43	48
8	52	27	22	35	33	38	50
9	62	21	30	27	23	32	51
10	37	22	24	44	27	48	52
11	12	25	24	38	31	42	47
12	41	20	24	50	24	46	53
13	23	19	32	61	28	45	51
14	32	13	32	53	56	47	50
15	27	22	33	49	29	49	50
16	27	22	37	42	23	47	53
17	24	18	31	68	22	41	38
18	33	28	50	75	29	46	35
19	21	24	37	46	23	55	42
20	31	27	56	61	24	49	33
21	29	15	53	49	21	45	41
22	31	27	54	45	36	57	39
23	22	26	62	49	35	55	43
24	24	28	61	56	32	52	33
25	24	23	48	54	23	50	41
26	27	35	45	47	24	40	44
27	33	33	70	48	31	38	51
28	27	24	371	36	24	35	53
29	25	34	81	35	30	38	33
30	*	24	29	68	34	25	41	59
31	*	*	*	*	*	24	.....	220	.....	38	50	.....
Mean	35	25	59	52	30	44	45
Max.	63	35	371	129	56	57	54
Min.	21	13	22	27	22	32	30
A. F.	*	*	*	*	*	2170	1470	3610	3080	1810	2740	2680
Total acre-feet	17590											
*No record.												

FRENCHMAN RIVER NEAR HAMLET—Sec. 19-5-31 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	88	110	113	100	112	123	109	97	1020	108	68	77
2	85	110	116	103	109	106	105	98	442	104	67	80
3	81	108	117	99	108	108	110	101	256	102	68	87
4	80	105	114	106	109	112	108	104	203	95	76	88
5	80	113	120	106	106	111	108	96	179	95	76	88
6	72	112	112	111	112	119	107	91	164	92	77	82
7	76	103	111	106	111	116	108	99	144	88	67	108
8	73	105	115	109	109	112	111	88	144	84	64	105
9	71	106	107	101	106	117	112	94	110	84	68	95
10	68	102	108	102	105	117	109	95	135	85	68	90
11	72	104	109	101	108	119	118	92	126	80	68	90
12	71	107	110	102	102	113	113	90	124	76	64	88
13	76	110	104	104	102	113	108	90	172	74	72	84
14	75	115	108	104	104	114	107	96	125	76	68	85
15	83	118	108	100	104	112	107	93	125	74	68	84
16	81	118	104	102	92	110	105	99	153	75	72	84
17	95	131	104	96	92	108	101	99	132	80	72	87
18	105	122	108	100	95	110	100	110	125	71	72	84
19	113	120	102	93	97	110	102	119	122	68	71	80
20	112	119	101	91	92	107	104	126	128	67	75	80
21	112	124	102	90	98	106	106	132	121	69	73	75
22	117	124	99	97	100	106	106	146	118	68	69	72
23	113	121	100	98	98	102	108	134	120	76	72	71
24	116	119	94	101	90	104	108	136	117	72	77	76
25	117	119	92	104	65	103	108	132	116	74	99	71
26	116	120	90	110	64	106	108	131	116	75	79	72
27	118	117	93	114	88	100	108	178	118	68	83	79
28	120	118	93	117	108	104	100	1120	112	69	82	82
29	120	118	95	128	.....	108	103	310	112	67	87	84
30	115	118	96	117	.....	110	104	351	104	64	83	84
31	116	.....	97	115	.....	108	.....	927	.....	63	75	.....
Mean	95	115	105	103	100	110	107	183	176	79	74	84
Max.	120	131	120	128	112	123	118	1120	1020	108	99	108
Min.	68	102	90	90	64	102	100	88	104	63	64	71
A. F.	5830	6820	6440	6360	5530	6770	6370	11270	10450	4850	4520	4980
Total acre-feet	80190											

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	78	50	142	165	180	194	153	92	2080	216	52	67
2	64	53	112	170	180	194	148	93	1160	214	42	66
3	62	52	150	170	180	198	112	89	630	196	44	62
4	38	53	165	165	180	194	135	81	453	196	33	44
5	49	48	156	175	175	196	135	71	110	192	32	44
6	44	50	162	180	180	204	132	76	356	176	33	59
7	46	53	150	185	175	212	136	61	338	175	30	66
8	48	46	160	185	175	183	134	57	311	175	29	160
9	45	56	160	180	170	188	130	53	298	172	23	130
10	45	49	165	177	170	188	138	44	284	164	21	113
11	42	42	164	175	175	201	138	42	266	158	23	100
12	39	42	168	175	170	202	131	44	253	146	22	101
13	38	42	170	170	170	191	130	42	254	131	21	100
14	43	41	170	175	165	185	126	53	254	119	21	97
15	57	43	165	175	166	186	135	62	253	117	17	100
16	39	47	166	175	165	186	136	79	436	161	8	96
17	37	53	170	170	165	190	129	94	380	94	8	94
18	39	68	172	170	156	185	117	106	358	84	15	90
19	45	67	170	170	156	177	110	162	282	77	15	93
20	44	66	170	165	154	176	105	170	258	74	14	95
21	49	81	170	165	156	169	50	182	260	61	13	105
22	53	89	171	170	160	158	46	196	335	64	14	101
23	50	89	170	175	162	159	45	198	224	68	14	95
24	53	81	165	175	162	159	42	194	220	64	14	81
25	46	92	168	180	160	166	166	182	221	64	169	81
26	55	91	165	185	112	161	103	177	210	66	83	90
27	53	102	163	185	115	165	105	183	210	65	65	79
28	56	112	161	190	186	165	96	4920	208	60	54	84
29	64	112	168	195	.....	156	92	2080	210	62	59	87
30	61	150	168	190	.....	133	88	780	211	44	67	93
31	64	.....	165	185	.....	117	.....	5500	.....	46	77	.....
Mean	50	67	164	176	165	180	116	522	384	118	36	89
Max.	78	150	174	195	186	212	166	5500	2080	216	169	160
Min.	37	41	142	165	112	147	42	42	207	44	8	44
A. F.	3110	4000	10080	10840	9160	11080	6890	32080	22860	7230	2250	5290
Total acre-feet	121870											

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	28	70	17	17	19	20	23	45	120	33	46
2	16	19	61	17	17	19	20	22	46	30	31	37
3	16	19	41	17	17	20	21	18	38	45	31	40
4	18	15	38	17	17	53	19	21	35	29	35	36
5	20	11	23	17	17	21	18	28	36	29	34	39
6	17	15	26	17	17	17	18	28	37	80	31	43
7	20	16	20	17	17	17	20	29	36	66	35	44
8	19	16	20	17	17	19	23	25	35	32	32	52
9	20	17	18	17	17	16	26	24	35	35	31	42
10	20	17	18	17	17	17	14	21	31	46	30	34
11	20	16	17	17	17	17	21	23	33	40	27	37
12	20	18	17	17	17	16	36	28	33	39	28	36
13	19	17	17	17	17	16	52	23	33	50	28	36
14	19	17	17	17	17	16	138	24	31	70	28	39
15	20	18	22	17	16	16	82	23	30	63	28	37
16	21	20	78	17	16	18	26	23	30	59	23	32
17	21	20	59	17	16	17	25	26	34	66	29	31
18	25	20	33	17	16	18	20	41	34	43	38	30
19	26	20	46	16	16	17	20	61	31	58	32	31
20	26	22	70	16	18	16	21	109	32	54	35	31
21	27	23	73	16	16	16	24	49	32	36	35	31
22	66	22	101	16	18	16	20	45	31	32	40	30
23	30	22	40	17	19	16	18	38	27	32	39	31
24	24	25	27	17	19	69	38	45	27	33	36	29
25	22	24	23	17	20	13	43	44	25	35	31	30
26	20	23	21	17	19	14	65	42	56	33	33	31
27	20	23	20	17	19	16	42	500	62	33	36	31
28	19	27	19	17	20	15	35	100	66	36	37	31
29	20	26	19	17	.....	15	35	100	81	42	37	29
30	20	96	17	17	.....	16	28	54	465	35	39	27
31	21	.....	16	17	.....	22	.....	50	.....	37	43	.....
Mean	22	22	35	17	17	20	34	55	50	46	31	35
Max.	66	96	101	.....	.....	69	138	500	465	120	43	52
Min.	16	14	16	.....	.....	13	18	18	25	29	23	27
A. F.	1390	1340	2160	1040	964	1220	2020	3360	3000	2850	2060	2100
Total acre-feet	23470											

GOTHENBURG POWER WASTE—Sec. 9-11-25 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	141	*	*	191	*	100	214	153	89	39	180
2	170	133	.....	178	149	179	100	228	190	83	20	170
3	158	149	.....	*	216	151	100	263	87	61	13	171
4	167	126	.....	*	216	173	100	246	263	100	25	173
5	160	158	.....	266	245	144	100	211	160	123	18	171
6	162	158	.....	236	180	151	100	179	217	115	11	162
7	180	133	.....	197	84	77	100	228	185	118	11	145
8	168	107	.....	133	131	44	100	200	160	97	11	171
9	158	149	.....	102	149	107	100	200	157	89	11	162
10	158	158	.....	216	191	*	100	164	175	36	11	147
11	168	200	.....	216	180	.....	100	196	141	36	11	157
12	173	200	.....	230	113	.....	100	181	164	36	11	170
13	173	200	.....	191	126	.....	131	166	135	43	11	175
14	143	200	.....	80	180	.....	107	145	160	145	30	160
15	113	200	.....	70	158	.....	97	157	170	144	11	179
16	126	175	.....	58	131	.....	97	137	170	160	11	160
17	136	175	.....	169	107	*	115	156	214	138	11	160
18	136	170	.....	144	169	153	104	138	179	153	11	118
19	129	170	.....	51	158	131	118	175	190	113	11	113
20	126	163	.....	*	208	138	150	203	190	70	11	97
21	162	150	.....	.....	208	179	185	187	200	101	11	107
22	158	150	.....	.....	187	196	151	200	214	99	83	102
23	140	160	.....	.....	180	*	170	214	190	192	228	104
24	149	175	.....	.....	*	.....	92	179	200	175	263	102
25	113	175	.....	*	.....	.....	170	192	179	190	308	78
26	129	170	.....	126	.....	.....	166	190	113	153	160	150
27	107	170	.....	114	.....	*	160	190	131	190	228	138
28	84	175	.....	197	*	168	173	187	118	145	200	179
29	126	115	.....	202	.....	*	183	183	52	99	200	170
30	133	150	.....	202	.....	.....	185	185	83	62	160	179
31	141	.....	*	187	.....	*	.....	220	.....	45	190	.....
Mean	145	162	.....	.....	.....	.....	125	190	165	110	75	148
Max.	173	200	.....	.....	.....	.....	185	263	263	190	308	180
Min.	81	107	.....	.....	.....	.....	92	138	52	36	11	78
A. F.	8898	9630	.....	.....	.....	.....	7406	11730	9798	6744	4622	8827

*No record

DEPARTMENT OF ROADS AND IRRIGATION

769

LANE DRAIN--Sec. 30-23-37 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.0	1	1	1	1	1	1	1	2	2	2	2
2	2.0	1	1	1	1	1	1	1	2	2	2	2
3	2.0	1	1	1	1	1	1	1	2	2	2	2
4	2.0	1	1	1	1	1	1	1	2	2	2	2
5	2.0	1	1	1	1	1	1	1	2	2	2	2
6	2.0	1	1	1	1	1	1	1	2	2	2	2
7	2.0	1	1	1	1	1	1	1	2	2	2	2
8	2.0	1	1	1	1	1	1	1	2	2	2	2
9	2.0	1	1	1	1	1	1	1	2	2	2	2
10	2.0	1	1	1	1	1	1	1	2	2	2	2
11	2.0	1	1	1	1	1	1	1	2	2	2	2
12	2.0	1	1	1	1	1	1	2	2	2	2	2
13	2.0	1	1	1	1	1	1	2	2	2	2	2
14	2.0	1	1	1	1	1	1	2	2	2	2	2
15	2.0	1	1	1	1	1	1	2	2	2	2	2
16	1.5	1	1	1	1	1	1	2	2	2	2	2
17	1.5	1	1	1	1	1	1	2	2	2	2	2
18	1.5	1	1	1	1	1	1	2	2	2	2	2
19	1.5	1	1	1	1	1	1	2	2	2	2	2
20	1.5	1	1	1	1	1	1	2	2	2	2	2
21	1.5	1	1	1	1	1	1	2	2	2	2	2
22	1.5	1	1	1	1	1	1	2	2	2	2	2
23	1.5	1	1	1	1	1	1	2	2	2	2	2
24	1.5	1	1	1	1	1	2	2	2	2	2	2
25	1.5	1	1	1	1	1	2	2	2	2	2	2
26	1.5	1	1	1	1	1	2	2	2	2	2	2
27	1.5	1	1	1	1	1	2	2	2	2	2	2
28	1.5	1	1	1	1	1	2	2	2	2	2	2
29	1.5	1	1	1	-----	1	2	2	2	2	2	2
30	1.5	1	1	1	-----	1	2	2	2	2	2	2
31	1.5	-----	1	1	-----	1	-----	2	-----	2	2	-----
Mean	1.7	1	1	1	1	1	1	2	2	2	2	2
Max.	2.0	1	1	1	1	1	2	2	2	2	2	2
Min.	1.5	1	1	1	1	1	1	1	2	2	2	2
A. F.	107.0	60	61	61	56	61	73	101	119	123	123	119
Total acre-feet	1064											

LEWELLEN DRAIN--Sec. 28-16-42 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	0.5	0.3
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
19	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
21	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
22	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
24	0.5	0.5	0.5	0.5	0.5	0.5	3.0	2	1	1	0.5	0.3
25	0.5	0.5	0.5	0.5	0.5	0.5	3.0	2	1	1	0.5	0.3
26	0.5	0.5	0.5	0.5	0.5	0.5	3.0	2	1	1	0.5	0.3
27	0.5	0.5	0.5	0.5	0.5	0.5	2.0	2	1	1	0.5	0.3
28	0.5	0.5	0.5	0.5	0.5	0.5	2.0	2	1	1	0.5	0.3
29	0.5	0.5	0.5	0.5	-----	0.5	2.0	2	1	1	0.5	0.3
30	0.5	0.5	0.5	0.5	-----	0.5	2.0	2	1	1	0.5	0.3
31	0.5	-----	0.5	0.5	-----	0.5	-----	2	-----	1	0.5	-----
Mean	0.5	0.5	0.5	0.5	0.5	0.5	1.0	2	2	1	0.5	0.3
Max.	0.5	0.5	0.5	0.5	0.5	0.5	3.0	2	2	1	0.5	0.3
Min.	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	1	0.5	0.3
A. F.	31.0	30.0	31.0	31.0	28.0	31.0	57.0	123	89	61	31.0	18.0
Total acre-feet	561											

REPORT OF THE STATE ENGINEER

LINCOLN COUNTY DRAIN NO. 1—Sec. 30-14-30 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	58	70	60	46	48	46	45	71	131	49	57	89
2	58	70	60	46	48	46	45	68	119	52	57	89
3	59	70	60	46	48	46	45	65	104	57	57	89
4	59	70	60	46	48	46	45	65	102	61	57	87
5	60	70	60	46	48	46	45	67	100	61	57	87
6	61	72	50	45	48	46	40	70	96	61	46	82
7	62	72	50	45	48	46	40	68	92	61	53	82
8	63	72	50	45	48	46	40	68	92	61	53	86
9	63	72	50	45	48	46	40	66	93	58	53	88
10	63	72	50	45	48	46	40	65	93	58	53	87
11	61	73	58	45	48	47	38	65	91	59	58	82
12	64	73	48	44	48	47	38	64	91	52	56	82
13	64	73	48	44	48	47	36	61	71	52	51	79
14	64	73	48	44	48	47	36	63	71	56	51	87
15	64	73	48	44	48	47	36	66	68	53	51	83
16	65	73	48	43	47	47	36	62	69	51	51	79
17	65	73	48	43	47	47	36	59	65	51	54	83
18	65	73	48	43	47	47	36	60	61	56	54	77
19	65	73	48	40	47	47	36	61	64	56	54	77
20	65	73	48	40	47	47	36	68	64	56	63	77
21	66	70	48	40	47	48	36	72	61	56	58	78
22	66	70	48	40	47	48	36	77	60	59	69	78
23	66	70	48	43	47	48	36	75	59	56	67	78
24	66	70	48	43	47	48	70	73	56	56	67	74
25	66	70	48	43	47	48	70	73	56	56	67	72
26	68	65	47	48	46	48	70	73	56	61	69	71
27	68	65	47	48	46	48	65	73	56	61	69	83
28	68	65	47	48	46	48	65	98	53	60	76	80
29	68	65	47	48	.....	40	65	123	56	56	86	76
30	68	65	47	48	.....	48	65	128	56	56	97	76
31	68	.....	47	48	.....	48	.....	131	.....	56	93	.....
Mean	64	70	50	44	47	47	46	74	77	57	62	81
Max.	68	73	60	48	48	49	70	131	131	61	97	89
Min.	58	65	47	40	46	46	36	59	53	49	46	72
A. F.	3950	4200	3080	2740	2630	2890	2711	4570	4600	3500	3800	4840
Total acre-feet	43511											

LINCOLN COUNTY DRAIN NO. 2—Sec. 12-14-33 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	4	4	4	4	4	4	5	11	7	1	4
2	4	4	4	4	4	4	4	4	11	6	4	4
3	4	4	4	4	4	4	4	4	14	5	4	4
4	4	4	4	4	4	4	4	4	12	6	3	4
5	4	4	4	4	4	4	4	5	12	6	3	4
6	4	4	4	4	4	4	4	5	11	6	3	3
7	4	4	4	4	4	4	4	5	11	5	3	3
8	4	4	4	4	4	4	4	5	11	5	3	3
9	4	4	4	4	4	4	4	5	10	5	3	3
10	4	4	4	4	4	4	4	5	10	4	3	3
11	4	4	4	4	4	4	4	5	9	5	3	3
12	4	4	4	4	4	4	4	5	8	5	3	3
13	4	4	4	4	4	4	4	6	8	4	3	3
14	4	4	4	4	4	4	4	6	9	4	2	3
15	4	4	5	4	4	4	4	6	10	3	2	3
16	4	4	5	4	4	4	4	6	10	3	2	4
17	4	4	5	4	4	4	4	6	11	3	2	4
18	4	4	5	4	4	4	4	15	12	4	2	4
19	4	4	5	4	4	4	4	14	12	4	2	4
20	4	4	5	4	4	4	4	13	11	5	3	4
21	4	4	5	4	4	4	4	12	10	3	3	4
22	4	4	5	4	4	4	4	10	9	5	3	4
23	4	4	5	4	4	4	4	9	8	3	3	4
24	4	4	5	4	4	4	10	8	7	4	3	4
25	4	4	5	4	4	4	10	8	8	4	3	4
26	4	4	5	4	4	4	10	8	8	3	3	4
27	4	4	5	4	4	4	7	7	8	4	4	4
28	4	4	5	4	4	4	7	10	7	4	4	4
29	4	4	5	4	.....	4	7	12	7	3	4	4
30	4	4	5	4	.....	4	7	13	7	3	3	4
31	4	.....	5	4	.....	4	.....	15	.....	4	.....	.....
Mean	4	4	4	4	4	4	5	7	10	4	3	4
Max.	4	4	5	4	4	4	10	15	11	7	4	4
Min.	4	4	4	4	4	4	4	4	7	3	2	3
A. F.	246	238	280	246	222	246	298	466	591	268	181	218
Total acre-feet	3503											

LOGDEPOLE CREEK NEAR BUSHNELL—Sec. 33-15-57 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	12	13	14	16	15	12	23	23	22	8	8
2	9	12	14	15	17	15	10	20	110	22	8	8
3	9	11	12	13	17	15	11	18	63	20	8	8
4	10	13	10	14	15	18	9	18	42	19	8	9
5	9	13	11	15	17	17	9	17	28	17	8	8
6	10	14	14	15	14	14	9	16	25	16	8	8
7	10	13	12	14	13	14	9	18	23	15	8	9
8	10	13	14	14	12	14	9	18	21	15	7	13
9	9	13	14	14	12	14	13	16	20	15	7	14
10	9	12	13	14	11	14	6	15	19	13	7	12
11	10	14	14	14	15	13	2	15	93	10	7	12
12	10	11	14	14	16	14	3	16	287	10	8	10
13	10	14	14	12	14	14	32	18	135	11	8	10
14	10	14	15	13	12	13	42	20	81	11	8	10
15	11	14	16	11	9	13	25	19	51	12	7	10
16	10	14	16	12	12	11	19	18	109	11	8	10
17	11	14	15	14	12	12	16	17	60	10	9	10
18	11	14	14	12	11	14	17	20	42	10	10	10
19	11	14	16	10	14	13	16	29	37	11	10	13
20	12	14	15	8	14	13	16	30	33	11	9	12
21	12	14	14	7	14	13	16	24	32	11	10	12
22	11	15	16	9	13	13	15	19	30	10	10	12
23	11	14	14	11	14	13	11	19	29	10	11	12
24	11	13	14	14	7	13	20	18	20	11	10	13
25	12	14	15	16	8	13	22	17	28	10	10	12
26	12	13	14	13	12	13	25	16	27	8	10	12
27	12	14	13	14	13	13	52	33	26	8	9	14
28	12	13	14	15	15	11	36	26	24	8	10	14
29	12	14	14	16	.....	13	27	25	23	8	10	14
30	12	13	13	16	.....	14	25	24	23	8	7	13
31	12	.....	13	16	.....	10	.....	23	.....	8	8	.....
Mean	11	13	14	13	13	14	18	20	52	12	9	11
Max.	12	15	16	16	17	18	52	33	287	22	11	14
Min.	9	11	10	7	7	10	2	15	19	8	7	8
A. F.	653	799	853	811	744	831	1060	1240	3120	756	528	659
Total acre-feet	12050											

LOGDEPOLE CREEK—Sec. 31-15-56 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	4	6	20	8	4
2	4	6	22	8	4
3	4	6	25	8	4
4	4	6	20	8	4
5	4	6	20	8	3
6	4	6	20	8	3
7	4	6	20	8	3
8	4	6	20	9	3
9	4	6	10	8	3
10	4	6	6	8	3
11	4	6	6	8	3
12	4	6	7	7	2
13	4	6	9	6	2
14	4	6	9	6	2
15	4	8	9	7	2
16	4	10	9	6	2
17	4	15	9	6	2
18	4	32	12	8	2
19	4	30	10	8	2
20	4	30	8	8	2
21	4	30	5	8	2
22	4	25	8	8	3
23	4	25	7	6	3
24	4	25	6	5	3
25	4	25	6	5	3
26	4	20	10	5	3
27	4	20	8	5	3
28	4	20	4	5	3
29	4	20	6	4	3
30	*	*	*	*	*	*	4	20	5	4	3
31	*	4	.....	7	4	.....
Mean	4	11	11	7	3
Max.	4	32	25	9	4
Min.	4	6	4	4	2
A. F.	*	*	*	*	*	*	*	246	871	680	416	174

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	690	822	410	920	970	700	1020	1380	3730	544	467	896
2	668	822	440	920	970	1100	1060	1310	2140	476	527	928
3	617	774	440	920	970	1730	1040	1180	1650	450	536	837
4	647	702	410	920	970	1560	1030	1080	1520	587	536	818
5	647	711	440	920	970	1300	1060	1070	1240	866	527	790
6	647	690	400	1150	1400	1060	1040	1050	1130	1940	493	742
7	636	668	400	1150	1400	848	1180	1040	1140	2540	493	1210
8	658	647	400	1150	1400	948	1120	1070	1120	1280	484	1070
9	679	668	400	1150	1400	1090	1120	1060	1110	948	493	790
10	679	658	400	1150	1400	1180	1540	970	1320	875	501	704
11	690	690	625	1120	1910	1120	1640	991	1130	900	458	667
12	702	690	625	720	1910	1060	1470	1190	1060	920	467	640
13	711	668	625	720	1910	989	1370	1050	1020	890	467	623
14	714	668	625	720	1910	976	1350	1140	1010	910	458	623
15	711	668	625	720	1910	1070	1330	1070	900	890	433	614
16	714	690	600	250	2040	922	1250	1100	980	820	392	605
17	738	726	600	250	1890	810	1180	1060	1080	730	400	570
18	848	1030	600	250	1750	625	1150	1200	906	720	433	579
19	1170	1000	600	250	1490	614	1100	2150	1010	670	484	570
20	1950	976	600	250	1180	582	1070	3140	3440	660	1360	570
21	898	989	550	320	948	564	959	2340	3140	650	799	570
22	898	1030	550	320	935	556	922	2060	1700	710	704	570
23	872	962	550	320	1040	547	872	1760	1220	730	614	570
24	872	962	550	320	940	556	3380	1600	1180	730	596	579
25	810	935	550	320	500	547	7360	1590	1940	732	2350	587
26	786	922	670	430	350	573	2760	1630	1170	676	1420	587
27	774	900	670	430	400	679	2230	1600	3200	632	846	649
28	702	926	670	430	420	798	1860	1490	1100	570	738	676
29	786	800	670	430	.....	860	1490	1390	1020	519	894	704
30	810	780	670	430	.....	848	1270	1530	694	510	667	714
31	822	.....	670	430	.....	935	.....	2130	.....	510	658	.....
Mean	795	806	551	638	1260	895	1575	1459	1603	825	661	702
Max.	1950	1030	.....	.....	2040	1730	7360	3140	4100	2540	2350	1210
Min.	636	647	.....	.....	350	547	872	970	694	450	392	570
A. F.	4880	47040	33010	39230	60980	55040	93720	89690	95390	50750	40650	41760
Total acre-feet	706900											

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-11-10 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1050	1050	590	670	1180	1000	1180	1480	14300	1650	1090	2460
2	1050	1020	590	730	1180	1300	1260	1610	9220	1390	1090	4100
3	1040	1180	590	1120	1180	2130	1220	1540	4600	1320	1160	2830
4	1020	1240	590	1120	1180	1460	1160	1410	3310	1450	1240	1940
5	1070	1680	590	1120	1180	1360	1120	1290	2210	2300	1240	1650
6	1040	1430	520	1400	1720	1500	1000	1260	1500	2040	1100	1160
7	968	1340	520	1400	1720	1500	1090	1360	1450	5010	930	2300
8	968	1460	520	1400	1720	1450	1080	1520	1390	1590	820	1910
9	944	1460	520	1400	1720	1300	1080	1650	1080	1240	770	1410
10	1090	1460	520	1400	1720	1300	1140	1590	1070	1180	750	1260
11	944	1410	810	1370	2330	1220	1890	1540	1090	1200	740	1090
12	926	1320	810	880	2330	1140	1650	1910	1030	1230	750	1050
13	956	1370	810	880	2330	1120	1300	1390	1050	1280	730	1050
14	1020	1160	810	880	2330	1130	1200	1390	1080	1300	710	1080
15	1000	909	810	880	2330	1130	1230	1430	1080	1320	700	1130
16	1090	898	800	370	1820	1280	1140	1180	1100	1320	700	1160
17	1106	1240	806	370	1170	1180	1160	1500	1500	1290	690	1950
18	1430	2800	800	370	1540	956	1220	2040	1910	1230	700	970
19	1890	2240	800	370	1860	1070	1300	3160	1500	1170	760	920
20	4430	2180	800	370	1570	1040	1200	5210	2960	1120	1370	870
21	2800	1890	775	375	1480	956	1180	1200	6900	1080	1840	780
22	1650	1700	775	375	1450	909	1140	3220	2160	1070	1540	780
23	1280	1320	775	375	1610	956	1090	2550	1080	1090	2040	830
24	1280	1100	775	375	1590	932	1430	2160	1040	1140	1460	850
25	1106	956	775	375	740	909	5900	1890	1000	1570	4840	950
26	1290	1020	992	520	500	898	3770	2020	1050	1460	1840	1000
27	1000	1000	710	520	600	1120	3070	1680	1290	1370	3500	1140
28	1000	1050	700	520	650	1090	2270	1290	5070	1260	2300	1290
29	956	920	740	520	.....	1080	1740	2300	4970	1170	2240	1240
30	944	900	690	520	.....	1080	1450	2100	3160	1130	1940	1200
31	1020	.....	640	520	.....	1080	.....	6380	.....	1100	1820	.....
Mean	1269	1357	708	753	1523	1180	1580	2130	2730	1454	1497	1379
Max.	4430	2800	.....	.....	.....	2130	5900	6380	14300	5010	4840	4100
Min.	920	898	.....	.....	500	898	1090	1260	1000	1070	690	780
A. F.	78030	80730	43530	46600	84580	72550	94530	131000	163000	89100	92030	32080
Total acre-feet	1058000											

REPORT OF THE STATE ENGINEER

LOUP RIVER AT COLUMBUS—Sec. 29-17-1 E.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1720	1940	2150	1020	1490	1900	2450	3380	23500	5560	1700	10400
2	1720	2020	2210	1490	2660	2400	2880	3060	18300	2690	1760	6570
3	1680	2110	489	1060	2900	3500	2640	2720	13100	2620	1680	2410
4	1610	2110	481	1280	2410	4830	2280	2550	10100	2590	1870	2290
5	1580	2240	489	1910	1910	4170	2240	2250	6090	2660	1720	3900
6	1580	2240	497	2960	1940	3850	2500	1660	6210	6210	1600	4110
7	1610	2110	521	3260	2320	3280	2190	1860	4870	10200	1400	5500
8	1680	2320	1060	2900	2900	2550	2740	2110	4160	5500	1300	3700
9	1870	2410	1490	2750	3670	2980	2740	2550	4600	4010	1300	2320
10	1940	2320	1230	2650	4480	2880	3180	2630	5040	3020	1300	2160
11	1980	2280	1100	2670	4760	2350	3790	2720	7800	2500	1290	2160
12	2110	2060	1140	2800	5090	2110	4110	2590	3240	2410	1210	2220
13	1940	2060	2040	2410	4760	2060	3430	3060	2730	2290	1220	2110
14	1790	2110	1940	1490	4760	2190	2080	2680	2640	2270	1210	1960
15	1750	2110	2080	1090	4690	2450	2640	2680	2470	2240	1260	1890
16	1870	2110	2150	1360	4480	2360	2550	2360	2270	2160	1240	1870
17	1790	2280	1800	1110	4590	1680	2360	2590	3700	2010	1210	1760
18	2150	3230	1510	1240	4210	1580	2280	3100	8250	1920	1240	1660
19	2790	3690	1360	700	4320	2240	2150	5290	7120	1800	1210	1680
20	6390	3080	1390	405	4320	2190	2110	17000	5210	1780	1210	1600
21	6840	2930	1700	450	4250	2020	2190	15400	16100	1740	4870	1450
22	5050	2610	1580	880	3500	1980	2190	11900	10200	1740	3320	1380
23	3850	2790	1610	480	3230	1910	2190	14800	4110	1710	2560	1380
24	3030	2590	1490	590	3030	2020	3080	6070	4920	1870	2470	1420
25	2690	2450	1700	651	1940	1980	27600	4510	10300	1960	4430	1550
26	2610	2110	1590	1220	1190	1790	18000	3970	7420	2010	9580	1570
27	2590	2150	1750	1140	590	1830	7230	3640	2910	2160	6630	1590
28	2550	2410	2140	880	341	2210	7230	3590	14900	2010	4010	1320
29	2410	2640	2500	990	.....	2280	5990	3330	9230	1890	2940	1510
30	2410	2640	2150	1110	.....	2020	4200	3970	5330	1780	2730	1570
31	2190	.....	950	1270	.....	2110	.....	7230	.....	1720	2060	.....
Mean	2510	2406	1514	1491	3253	2449	4471	4751	7571	2811	2376	.....
Max.	6840	3690	2500	3260	5050	4830	27600	17000	23500	10200	9580	10400
Min.	1580	1940	481	405	311	1580	2110	1660	2370	1720	1220	1520
A. F.	154300	143200	93120	91670	180700	150600	266100	292100	450510	172900	146100	153200
Total acre-feet	2291000											

MELBETA DRAIN—Sec. 13-21-51 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	*	*	2	4	2	0
2	2	3	2	0
3	2	2	0	0
4	2	2	0	0
5	2	2	0	0
6	2	2	0	0
7	1	2	0	0
8	1	3	2	0
9	1	2	0	0
10	0	2	0	0
11	0	2	0	0
12	0	2	0	0
13	1	3	0	0
14	0	3	0	0
15	0	3	0	0
16	0	3	0	0
17	0	3	0	0
18	0	3	0	0
19	0	4	0	1
20	11	2	0	0
21	11	2	0	0
22	9	3	0	0
23	5	3	0	0
24	4	3	0	0
25	3	3	0	0
26	3	3	0	0
27	3	4	0	0
28	2	4	0	0
29	3	4	0	0
30	3	4	0	0
31	*	*	*	*	*	*	*	*	3	3	0	0
Mean	3	.....	0	.....
Max.	2	3	0.3	0.1
Min.	11	4	2.0	1.0
A. F.	*	*	*	*	*	*	*	*	0	2	6.0	0.0
Total acre-feet	338											

MITCHELL SPILLWAY—Sec. 35-23-56 W.

Date	Year Ending September 30, 1935								June	July	Aug.	Sept.
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May				
1	0	0	0.0	0.3	0.4	7	0.5	0	15	0	0	0
2	0	0	10.0	0.3	0.4	7	0.5	0	10	0	0	0
3	0	0	20.0	0.3	0.4	7	0.5	0	9	0	0	0
4	0	0	37.0	0.3	0.4	7	0.5	0	4	0	0	0
5	0	0	53.0	0.3	0.4	7	0.5	0	2	0	0	0
6	0	0	50.0	0.3	0.4	7	0.5	0	140	0	0	0
7	0	0	25.0	0.3	0.4	7	0.5	0	0	0	0	0
8	0	0	0.0	0.3	0.4	7	0.5	0	0	0	0	0
9	0	0	0.0	0.3	0.4	7	0.5	0	127	0	0	0
10	0	0	0.0	0.3	0.4	7	0.5	0	134	0	0	0
11	0	0	0.0	0.4	0.4	7	0.5	0	59	0	0	0
12	0	0	0.0	0.4	0.4	7	0.5	0	60	0	0	0
13	0	0	0.0	0.4	0.4	7	0.5	0	60	0	0	0
14	0	0	0.0	0.4	0.4	7	0.5	0	60	0	0	0
15	0	0	0.0	0.4	0.4	7	0.5	20	60	0	0	0
16	0	0	0.0	0.4	0.4	7	0.5	0	55	0	0	0
17	0	0	0.0	0.4	0.4	7	0.5	34	55	0	0	0
18	0	0	0.0	0.4	0.4	7	0.5	41	0	0	0	0
19	0	0	0.0	0.4	0.4	7	0.5	40	0	0	0	0
20	0	0	0.0	0.4	0.4	7	0.5	41	0	0	0	0
21	0	0	0.3	0.4	0.4	7	0.5	127	0	0	0	0
22	0	0	0.3	0.5	0.4	7	0.5	91	0	0	0	0
23	0	0	0.3	0.5	0.4	7	0.5	10	0	0	0	0
24	0	0	0.3	0.5	0.4	7	0.5	5	0	0	0	0
25	0	0	0.3	0.5	0.4	7	0.5	4	0	0	0	0
26	0	0	0.3	0.5	0.4	7	0.5	10	0	0	0	0
27	0	0	0.3	0.5	7.0	7	0.5	15	0	0	0	0
28	0	0	0.3	0.5	7.0	7	0.5	21	0	0	0	0
29	0	0	0.3	0.5	-----	7	0.5	15	0	0	0	0
30	0	0	0.3	0.5	-----	7	0.5	127	0	0	0	0
31	0	-----	0.3	0.5	-----	7	-----	63	-----	0	0	-----
Mean	0	0	6.4	0.4	0.9	7	0.5	21	28	0	0	0
Max.	0	0	53.0	0.5	7.0	7	0.5	127	110	0	0	0
Min.	0	0	0.0	0.3	0.4	7	0.5	0	0	0	0	0
A. F.			393.0	25.0	48.0	430	30.0	1320	1690	0	0	0
Total acre-feet 3936												

NINE MILE DRAIN NEAR MINATARE—Sec. 25-21-53 W.

Date	Year Ending September 30, 1935								June	July	Aug.	Sept.
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May				
1	123	109	122	74	71	68	63	78	110	110	121	117
2	118	108	95	74	74	67	65	74	172	98	121	119
3	116	105	82	71	71	75	67	74	82	102	122	117
4	110	107	80	71	71	97	66	71	75	115	118	122
5	114	109	80	71	74	82	63	73	73	114	123	127
6	116	108	78	71	71	78	63	73	108	108	127	125
7	118	107	76	71	74	80	63	73	107	98	129	124
8	113	102	78	71	74	73	63	71	73	98	128	135
9	104	100	82	71	74	69	65	71	98	112	124	119
10	104	105	85	71	71	72	66	71	82	97	118	116
11	104	113	88	73	72	70	66	71	204	90	110	119
12	102	109	83	73	72	72	65	76	139	97	118	122
13	96	112	80	73	72	69	63	82	82	102	113	122
14	92	110	79	73	72	68	60	76	81	100	112	127
15	98	107	83	73	71	71	62	74	77	104	106	129
16	104	109	87	73	67	72	60	69	86	94	108	124
17	121	104	87	73	67	72	60	69	122	93	104	122
18	122	92	83	73	67	70	61	80	110	101	115	123
19	106	93	78	70	67	71	60	125	82	98	113	120
20	89	92	78	70	70	70	60	135	80	124	112	128
21	91	86	76	70	67	69	60	128	82	131	112	123
22	95	86	76	71	67	70	61	95	82	110	113	123
23	93	87	77	73	67	68	68	85	80	109	102	128
24	92	87	78	71	67	68	91	77	82	114	106	127
25	95	91	75	72	68	61	116	74	81	116	107	118
26	108	87	74	72	68	64	124	71	82	115	103	128
27	110	89	74	73	64	64	143	70	80	125	96	142
28	110	92	75	73	66	61	118	77	92	125	106	127
29	108	99	75	73	-----	65	87	74	85	127	108	123
30	105	130	73	73	-----	65	82	74	102	128	104	121
31	106	-----	73	73	-----	67	-----	80	-----	123	107	-----
Mean	106	101	81	73	70	71	74	80	96	109	113	124
Max.	123	130	122	-----	-----	97	143	135	201	131	129	142
Min.	89	86	73	-----	61	61	60	69	73	90	96	116
A. F.	6510	6020	4980	4480	3910	4350	4390	4950	5730	6720	6950	7379
Total acre-feet 66360												

REPORT OF THE STATE ENGINEER

NIORRARA RIVER AT DUNLAP—Sec. 27-29-48 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	19	55	60	72	68	67	102	245	48	25	48
2	6	19	55	60	72	68	70	102	88	25	19	25
3	6	19	55	60	72	66	74	102	88	19	19	29
4	5	19	55	60	72	60	78	102	95	10	10	29
5	4	19	55	60	72	58	68	102	88	4	9	30
6	3	19	56	62	64	56	62	88	88	4	15	26
7	3	19	57	62	61	60	68	80	88	4	9	28
8	4	19	57	62	64	60	68	80	104	6	23	45
9	4	19	57	62	64	64	74	72	91	5	29	37
10	4	19	57	62	64	64	74	60	91	5	25	43
11	4	19	60	61	60	70	34	68	82	4	22	39
12	4	19	60	61	64	80	58	62	85	4	22	39
13	4	19	60	61	68	82	68	58	85	3	34	37
14	5	19	60	61	72	82	99	60	86	4	32	43
15	5	20	60	60	76	82	125	60	86	4	16	33
16	8	20	58	58	76	82	140	55	74	4	11	31
17	14	20	58	58	77	82	84	51	186	4	11	31
18	16	20	58	58	77	75	88	69	75	13	11	31
19	14	22	58	58	80	73	88	117	75	13	13	24
20	13	22	58	58	74	72	78	117	93	13	13	14
21	13	22	56	50	72	72	68	104	83	7	11	13
22	13	23	56	59	70	69	68	104	91	6	13	13
23	13	23	56	50	69	66	67	78	82	7	14	11
24	13	25	56	50	70	64	91	78	68	7	16	11
25	16	29	56	50	62	60	140	78	68	11	16	11
26	16	23	52	61	50	58	166	64	62	8	16	11
27	17	30	52	61	52	62	165	83	62	8	22	11
28	16	38	52	61	56	61	144	98	62	10	22	11
29	16	36	52	61	.....	61	112	99	62	12	22	11
30	17	58	52	61	.....	63	122	98	46	12	23	11
31	17	.....	52	64	.....	64	.....	91	.....	27	27	.....
Mean	10	23	56	59	68	68	91	83	89	10	18	26
Max.	17	58	.....	.....	80	82	166	117	215	48	34	48
Min.	3	19	.....	.....	50	56	34	51	46	3	9	11
A. F.	593	1380	3450	3650	3780	4190	5430	5120	5310	617	1130	1540
Total acre-feet	36190											

NIORRARA RIVER NEAR SPENCER—Sec. 30-31-11 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1040	1060	1250	383	1560	2710	1320	1730	2350	1180	665	960
2	1020	1140	611	508	1900	3600	1170	1630	1700	1080	734	1060
3	1040	1130	437	621	1880	3000	1029	1560	1700	1010	766	1050
4	1140	1130	810	890	1860	2400	1260	1410	1700	940	779	1100
5	1110	1160	378	1220	1300	2000	1480	1610	1700	956	813	1030
6	1040	1150	852	1610	1760	1700	1820	1510	1250	911	766	949
7	995	1120	608	1120	1670	1400	1800	1530	1250	1090	875	883
8	1010	1190	635	1330	1880	1000	2020	1540	1250	926	820	877
9	1040	1140	839	1470	1580	1200	1890	1460	1250	783	845	929
10	1080	1110	696	1220	1610	1350	2020	1360	1250	811	657	889
11	1010	1130	833	1270	1670	1250	2410	1370	1200	894	623	834
12	1020	1160	1210	1420	1850	1200	1860	1320	1180	1040	599	818
13	997	1190	1480	1180	2200	1250	1770	1180	1150	894	623	818
14	1020	1190	1520	1010	2420	1300	1600	1250	1180	834	592	795
15	1050	1130	1840	875	2420	1250	1610	1300	1270	788	557	800
16	1080	1160	1680	752	2940	1240	1520	1360	1360	844	527	790
17	1830	1210	1550	612	2030	1220	1430	1360	1710	752	771	773
18	1570	1220	1370	721	2150	1200	1430	1380	1940	875	744	847
19	1310	1220	1090	719	2310	1220	1420	1600	1750	908	688	797
20	1160	1240	1150	592	2330	1240	1420	1410	1940	766	868	822
21	1180	1200	1230	387	2460	1250	1410	1260	1980	719	839	863
22	1140	1190	1410	228	2350	1240	1410	1270	2200	1160	679	885
23	1120	1180	1180	269	2490	1230	1470	1340	1970	1370	665	759
24	1130	1270	1030	373	1130	1230	2100	1220	1840	1370	706	736
25	1090	1280	839	117	225	1220	2840	1340	1920	1020	1460	751
26	1160	1240	341	384	245	1220	2580	1450	1750	761	913	828
27	1070	1260	237	482	518	1200	2850	1370	1800	802	722	834
28	1090	1260	188	590	617	1200	2780	1490	2540	748	800	907
29	1080	1190	206	683	.....	1200	2160	1650	1790	662	936	860
30	1090	1140	213	924	.....	1200	1890	1560	1410	641	833	815
31	1100	.....	223	1240	.....	1180	.....	1500	.....	689	881	.....
Mean	1123	1180	918	833	1746	1487	1798	1432	1643	907	763	868
Max.	1830	1280	1840	1610	2490	3600	2850	1790	2540	1370	1460	1100
Min.	995	1063	188	228	225	1000	1020	1180	1150	644	527	736
A. F.	69030	70900	56440	51230	96940	91440	107000	88030	97750	53770	46900	51670
Total acre-feet	88240											

OTTER CREEK NEAR LEMOYNE—Sec. 5-15-10 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	20	21	23	24	24	26	33	26	27	27	23
2	23	20	21	23	24	24	26	30	22	25	26	23
3	23	20	21	23	24	24	26	30	20	22	25	22
4	23	20	21	23	24	24	26	30	21	23	25	22
5	23	20	21	23	24	24	26	28	26	22	23	22
6	23	21	21	24	24	24	30	30	25	22	25	21
7	23	21	21	24	24	24	30	30	25	23	23	24
8	23	21	21	24	24	24	28	30	23	25	22	23
9	23	21	21	24	24	24	26	28	20	25	22	23
10	22	21	21	24	24	24	28	28	19	23	23	23
11	22	22	21	24	24	24	25	30	30	18	20	23
12	22	22	21	25	24	25	30	28	16	10	22	23
13	22	22	21	25	24	25	30	28	15	18	22	24
14	22	22	21	25	24	25	30	29	15	18	22	24
15	22	22	21	25	24	25	30	26	16	16	22	21
16	22	22	22	24	24	25	33	25	23	16	23	23
17	22	22	22	24	24	25	33	23	20	16	22	23
18	22	22	22	24	24	25	33	29	21	15	22	23
19	22	22	22	23	24	25	24	26	25	17	22	23
20	22	22	22	23	24	25	11	26	26	18	21	23
21	23	22	22	23	24	25	12	30	28	44	20	23
22	23	22	22	23	24	26	20	30	28	30	23	25
23	23	22	22	24	24	26	30	28	28	24	24	25
24	23	22	22	24	24	26	28	26	27	26	23	25
25	23	22	22	24	20	25	31	25	25	25	23	25
26	23	22	22	24	20	25	33	30	28	27	23	25
27	23	22	22	24	20	24	30	30	28	25	24	25
28	23	22	22	24	26	24	28	25	28	25	21	25
29	23	22	25	24	.....	20	27	22	28	27	23	25
30	22	22	23	24	.....	20	27	21	27	27	25	25
31	20	.....	23	24	.....	25	.....	27	.....	26	25	.....
Mean	22	22	22	24	24	24	27	28	23	23	23	24
Max.	.....	.....	.....	.....	.....	20	11	21	15	15	20	22
Min.	.....	.....	.....	.....	.....	.....	33	33	28	41	27	25
A. F.	1380	1280	1330	1470	1310	1500	1630	1710	1380	1420	1420	1410
Total acre-feet	17250											

PAWNEE CREEK—Sec. 4-12-27 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	7	8	7	5	10	8	10	25	9	3	6
2	7	7	8	7	5	10	8	11	16	8	2	7
3	7	7	8	7	5	10	8	10	14	8	2	6
4	7	7	8	7	5	10	8	7	14	7	2	6
5	7	7	8	7	5	15	8	5	14	7	2	6
6	7	7	8	7	5	12	8	9	16	7	2	5
7	7	7	8	7	5	12	8	7	25	7	2	5
8	7	7	8	7	5	12	8	5	16	7	2	6
9	7	7	8	7	5	12	8	5	18	7	2	6
10	7	7	8	7	5	12	8	5	12	6	2	5
11	7	7	8	7	5	10	8	6	11	6.	2	5
12	7	7	8	7	5	10	8	2	11	6.	2	5
13	7	7	8	7	5	10	8	2	11	6	2	5
14	7	7	8	7	5	10	8	2	11	6	4	4
15	7	7	8	7	5	10	8	2	11	6	4	4
16	7	7	8	6	5	10	8	4	11	6	3	4
17	7	7	8	6	5	10	8	5	75	6	2	4
18	7	7	8	6	5	10	8	6	60	5	3	4
19	7	7	8	5	5	10	8	9	32	4	5	3
20	7	7	8	5	5	10	8	11	26	4	5	3
21	7	7	8	5	5	8	8	22	14	3	5	3
22	7	7	8	5	5	8	8	14	14	4	6	3
23	7	7	8	6	5	8	8	6	14	3	6	3
24	7	7	8	6	5	8	15	6	11	3	6	4
25	7	7	8	6	5	8	15	5	13	4	6	4
26	7	7	8	5	5	8	15	5	10	4	7	5
27	7	7	8	5	5	8	10	5	10	3	6	6
28	7	7	8	5	5	8	10	11	10	3	10	5
29	7	7	8	5	.....	8	10	16	9	3	9	5
30	7	7	8	5	.....	8	10	14	9	3	9	5
31	.....	.....	7	5	.....	8	.....	28	.....	2	7	.....
Mean	7	7	8	6	5	10	9	8	18	5	4	5
Max.	7	7	8	7	5	15	15	28	75	9	10	7
Min.	7	7	7	5	5	8	2	9	2	2	2	3
A. F.	430	417	470	379	278	601	534	506	1080	323	257	282
Total acre-feet	5557											

REPORT OF THE STATE ENGINEER

PLUM CREEK—Sec. 10-19-19 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.1	2.4	2.4	2.5	3.0	2.6	1.6	2	4	3	2	1
2	2.1	2.4	2.4	2.5	3.0	2.6	1.6	2	4	3	2	1
3	2.1	2.4	2.4	2.5	3.0	2.6	1.6	2	4	2	2	1
4	2.1	2.4	2.4	2.5	3.0	2.6	1.6	2	4	3	2	1
5	2.1	2.4	2.4	2.5	3.0	2.6	1.6	2	4	2	2	1
6	2.1	2.4	2.3	2.5	3.0	2.6	1.6	2	4	2	2	1
7	2.1	2.4	2.3	2.5	2.9	2.6	1.6	2	4	2	2	1
8	2.1	2.4	2.3	2.5	2.9	2.6	1.6	2	4	2	2	1
9	2.1	2.4	2.3	2.5	2.9	2.6	1.6	2	4	2	2	1
10	2.1	2.4	2.3	2.5	2.9	2.6	1.6	2	4	2	2	1
11	2.2	2.5	2.3	3.0	2.8	2.5	1.6	2	4	2	2	1
12	2.2	2.5	2.3	3.0	2.8	2.5	1.6	2	4	2	2	1
13	2.2	2.5	2.3	3.0	2.8	2.5	1.6	2	4	2	2	1
14	2.2	2.5	2.3	3.0	2.8	2.5	1.6	3	4	2	2	1
15	2.2	2.5	2.3	3.0	2.8	2.5	1.6	3	4	2	2	1
16	2.2	2.5	2.3	3.0	2.8	2.2	1.6	3	4	2	1	1
17	2.2	2.5	2.2	3.0	2.8	2.2	1.6	3	4	2	1	1
18	2.2	2.5	2.2	3.0	2.8	2.2	1.6	3	4	2	1	1
19	2.2	2.5	2.2	2.5	2.8	2.2	1.6	4	4	1	1	1
20	2.2	2.5	2.2	2.5	2.8	2.2	1.6	4	4	2	1	1
21	2.3	2.5	2.2	2.5	2.7	2.0	1.6	4	4	1	1	1
22	2.3	2.5	2.2	3.0	2.7	2.0	1.6	4	4	2	1	2
23	2.3	2.5	2.2	3.0	2.7	2.0	1.6	4	4	1	1	2
24	2.3	2.5	2.2	3.0	2.7	2.0	2.0	4	4	1	1	2
25	2.3	2.5	2.2	3.9	2.7	2.0	2.0	4	4	1	1	2
26	2.3	2.4	2.2	3.5	2.7	1.8	2.0	4	3	1	2	2
27	2.3	2.4	2.2	3.5	2.7	1.8	2.0	4	3	1	2	2
28	2.3	2.4	2.2	3.5	2.7	1.8	2.0	4	3	1	1	2
29	2.3	2.4	2.2	3.5	.....	1.8	2.0	4	3	1	2	2
30	2.3	2.4	2.2	3.5	.....	1.8	2.0	4	3	1	2	2
31	2.3	.....	2.2	3.5	.....	1.8	.....	4	.....	1	1	.....
Mean	2.2	2.4	2.3	2.9	2.8	2.3	1.7	3	4	2	2	1
Max.	2.3	2.5	2.4	3.9	3.0	2.6	2.0	4	4	3	2	2
Min.	2.1	2.1	2.2	2.5	2.2	1.8	1.6	2	3	1	1	1
A. F.	135.0	146.0	139.0	179.0	157.0	139.0	101.0	184	228	107	99	77
Total acre-feet	1691											

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-10-50 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	7	13	30	35	40	39	73	100	70	26	13
2	20	7	16	32	35	41	33	69	96	68	33	11
3	20	7	17	32	35	41	48	62	96	54	34	13
4	20	7	15	31	35	41	33	60	92	48	34	20
5	20	7	15	30	35	42	30	60	78	44	32	25
6	15	7	16	31	30	42	17	58	84	42	32	19
7	15	7	18	32	30	36	15	60	85	57	33	19
8	15	7	19	32	30	24	30	58	83	66	24	28
9	15	8	19	32	30	24	36	56	78	53	36	20
10	15	8	19	32	30	35	38	55	78	49	35	30
11	12	8	20	32	25	34	28	52	90	61	34	23
12	12	8	20	32	25	36	29	55	107	63	30	17
13	13	8	20	32	25	25	34	58	152	61	27	17
14	12	8	20	32	25	23	42	61	131	53	28	17
15	11	10	20	32	25	26	48	61	96	48	27	17
16	10	10	22	30	20	49	48	58	113	36	26	16
17	10	7	22	30	20	52	44	60	188	30	30	11
18	10	6	22	30	20	46	38	66	119	25	34	11
19	10	6	22	25	20	43	40	75	88	21	32	11
20	10	6	22	20	20	40	38	94	81	19	30	11
21	8	6	24	25	15	26	37	104	81	27	30	11
22	9	6	24	30	22	23	40	95	78	30	30	11
23	7	7	24	35	27	26	39	84	77	25	31	12
24	7	8	24	35	30	30	44	80	75	28	30	15
25	7	9	24	35	30	28	51	78	73	28	30	20
26	7	10	26	38	25	23	66	77	61	32	33	28
27	7	10	26	35	30	19	74	73	72	34	34	32
28	7	10	26	35	39	15	75	88	69	30	34	42
29	7	10	28	35	.....	16	88	105	67	32	34	40
30	7	12	30	35	.....	22	78	103	69	25	20	47
31	7	.....	30	35	.....	32	.....	101	.....	27	16	.....
Mean	12	8	21	32	27	32	43	72	92	42	30	21
Max.	20	12	30	38	39	52	88	105	188	70	36	47
Min.	7	6	13	20	15	15	15	52	61	19	16	11
A. F.	740	470	1320	1950	1500	1980	2580	4110	5470	2550	1860	1230
Total acre-feet	26090											

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	27	45	71	70	50	47	30	48	48	31	55	27
2	37	41	61	70	50	33	30	50	45	30	64	34
3	40	36	61	70	50	52	30	50	43	29	62	35
4	43	71	62	70	50	72	36	47	42	28	62	33
5	41	50	62	70	50	52	38	47	45	28	53	31
6	43	46	62	65	49	49	35	47	224	32	60	31
7	40	61	62	65	49	46	31	47	190	30	55	34
8	34	42	62	65	49	51	35	48	71	30	63	38
9	51	27	66	65	47	49	35	44	215	30	55	43
10	51	27	65	65	47	47	15	44	213	30	54	44
11	50	25	61	60	47	46	43	37	272	33	51	60
12	51	30	64	60	47	44	49	54	327	35	58	53
13	52	28	66	60	47	38	50	51	113	36	47	58
14	53	26	65	60	17	32	44	49	213	35	76	55
15	68	27	67	60	43	38	44	47	173	38	48	39
16	77	30	66	55	43	43	40	47	213	42	55	38
17	64	32	70	55	45	47	39	45	184	44	55	40
18	56	27	68	55	44	44	39	81	117	42	54	40
19	68	28	70	50	32	44	40	117	82	48	51	40
20	58	30	71	50	18	41	26	95	179	46	51	42
21	60	40	73	50	32	44	16	73	176	38	50	39
22	60	42	72	53	32	40	26	53	110	40	52	42
23	64	45	68	53	16	34	15	52	106	35	51	46
24	94	42	71	53	47	25	16	114	68	32	52	44
25	77	40	74	53	47	28	170	224	31	35	54	43
26	71	42	75	53	48	19	183	60	30	33	54	44
27	75	40	75	53	46	19	104	107	26	36	47	56
28	76	41	77	52	48	18	66	72	26	38	64	65
29	42	40	71	32	.....	21	61	55	26	33	52	70
30	45	79	73	32	.....	28	55	46	30	38	39	72
31	41	.....	74	52	.....	28	.....	42	.....	39	30	.....
Mean	56	39	68	59	41	39	49	64	121	35	51	44
Max.	94	79	77	.....	.....	72	183	224	327	48	76	72
Min.	27	25	61	.....	16	18	15	37	26	28	30	27
A. F.	3110	2350	1190	3600	2120	2120	2920	3950	7220	2170	3300	2650
Total acre-feet	40600											

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE—Sec. 10-1-42 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	37	15	67	58	61	88	65	46	275	10	6	52
2	40	16	70	59	63	90	65	19	168	7	7	47
3	38	21	72	67	70	100	63	14	140	5	6	70
4	37	14	80	65	61	96	59	21	119	4	6	68
5	35	14	71	72	56	94	61	42	110	4	5	67
6	34	14	71	70	47	82	59	49	98	4	5	30
7	34	16	68	67	49	82	61	36	92	4	6	54
8	40	18	72	70	49	76	63	14	90	5	6	71
9	37	19	72	74	47	78	63	14	88	4	9	84
10	35	22	70	84	46	78	63	14	76	4	7	58
11	40	20	65	74	44	76	58	14	72	4	6	56
12	41	21	67	74	41	76	54	14	168	4	5	51
13	38	27	76	70	44	74	49	15	135	5	6	51
14	52	28	72	68	44	71	33	18	86	5	6	49
15	42	28	70	68	46	72	33	47	59	5	5	46
16	41	47	72	71	51	68	33	25	63	4	6	40
17	42	52	74	67	47	68	33	30	86	3	6	36
18	42	46	70	65	49	70	32	40	67	3	8	34
19	42	42	65	61	56	70	18	65	56	4	7	33
20	37	47	67	59	60	70	10	110	58	4	6	24
21	37	49	68	58	64	70	10	102	61	3	7	27
22	24	49	67	51	68	72	10	84	47	4	34	28
23	16	40	61	51	68	72	10	82	58	56	190	25
24	17	51	56	46	70	70	16	74	42	12	100	26
25	16	49	51	42	58	72	30	72	25	10	67	14
26	14	49	49	44	52	68	67	68	42	7	61	36
27	19	59	47	49	67	68	30	58	88	6	52	32
28	39	63	54	58	30	68	21	108	47	6	59	28
29	12	65	56	59	.....	68	33	90	46	6	61	24
30	14	70	56	59	.....	68	51	36	32	8	58	25
31	13	.....	56	63	.....	68	.....	266	.....	6	74	.....
Mean	32	36	66	63	56	76	42	56	87	7	29	43
Max.	52	70	80	81	30	100	67	266	275	56	190	84
Min.	12	14	47	42	44	68	10	14	25	3	5	14
A. F.	1990	2120	4040	3870	3100	4650	2190	3430	5160	428	1760	2550
Total acre-feet	35300											

REPORT OF THE STATE ENGINEER

REPUBLICAN RIVER AT MAX—Sec. 32-2-36 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20	51	170	175	195	330	132	137	22000	624	65	114
2	22	59	166	175	205	402	100	142	8000	540	62	104
3	23	59	166	175	190	291	132	118	3800	366	53	71
4	23	61	175	175	205	264	146	100	2500	224	50	77
5	25	56	165	175	160	238	142	95	2100	200	56	91
6	27	61	160	175	140	206	161	87	1600	200	50	99
7	25	65	155	175	135	222	176	78	1200	200	43	77
8	28	61	170	175	140	250	171	87	1000	212	33	390
9	34	61	175	175	160	264	180	95	860	212	33	435
10	32	59	170	175	165	238	195	87	790	218	31	296
11	37	59	175	175	175	211	185	74	700	182	20	212
12	35	65	190	175	170	195	176	78	800	150	18	182
13	32	74	195	175	165	206	161	70	650	133	19	155
14	31	95	190	175	155	190	142	82	640	99	15	139
15	38	95	185	175	160	185	128	100	700	109	13	155
16	43	95	205	175	175	161	95	104	5000	114	13	85
17	45	113	185	175	185	185	74	109	12000	104	13	85
18	59	118	176	175	190	176	59	137	3200	77	679	99
19	59	161	185	175	190	180	50	244	1500	77	350	109
20	56	151	185	175	206	161	43	327	1800	74	171	109
21	56	161	180	175	206	151	28	318	1550	62	94	94
22	52	151	190	175	166	161	38	291	1300	71	426	77
23	47	151	176	175	180	142	35	238	1050	1830	1160	74
24	47	135	166	175	170	137	38	190	910	374	435	71
25	50	105	156	175	160	156	146	180	820	283	358	74
26	52	105	140	175	145	151	206	250	771	200	249	236
27	52	110	150	175	155	123	233	300	417	133	160	114
28	61	110	155	175	190	118	195	8740	1110	123	104	94
29	78	120	160	175	.....	132	166	8500	530	104	139	118
30	61	130	160	175	.....	128	146	11000	976	80	101	109
31	59	.....	160	.....	.....	132	.....	85000	.....	74	104	.....
Mean	42	97	172	.....	173	196	129	3786	2676	240	165	138
Max.	78	161	205	.....	206	402	233	85000	22000	1830	1160	435
Min.	20	54	140	.....	135	118	28	70	417	62	13	71
A. F.	2600	5750	10580	10760	9600	12070	7690	232800	159200	14770	10160	8230
Total acre-feet	484200											

REPUBLICAN RIVER AT CULBERTSON—Sec. 20-3-31 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	40	171	200	210	370	130	171	25000	1470	165	82
2	2	42	185	200	215	420	150	165	11000	628	194	50
3	2	42	175	200	210	450	150	150	5500	478	158	48
4	5	42	175	200	215	315	134	134	3800	130	135	45
5	15	46	180	200	210	365	130	130	2600	315	86	48
6	16	47	180	200	195	355	138	138	2700	260	86	48
7	19	49	175	200	160	255	154	134	2000	203	75	48
8	16	47	170	200	165	270	146	160	1600	211	67	559
9	5	49	175	200	170	262	150	126	1400	250	56	852
10	8	49	180	200	175	262	165	114	1200	250	45	614
11	11	53	175	200	180	262	188	114	850	158	56	348
12	12	60	185	200	175	295	171	114	1100	135	48	222
13	11	68	195	200	175	240	171	100	1000	150	45	112
14	15	68	205	200	170	176	160	90	980	150	43	90
15	19	87	200	200	180	165	151	126	900	142	34	112
16	19	87	195	200	188	165	146	138	7000	142	20	67
17	19	100	210	200	210	130	122	146	13000	135	15	98
18	21	126	200	200	193	150	101	171	4000	112	430	67
19	24	126	199	200	199	146	91	285	2000	105	1600	67
20	30	154	182	200	188	150	87	409	2300	105	79	63
21	33	138	171	200	176	154	83	409	1950	112	128	56
22	33	111	188	200	171	142	72	548	1700	128	150	79
23	21	97	182	200	165	150	55	505	1400	977	587	67
24	19	111	200	200	150	138	51	345	1100	1310	1130	41
25	20	111	180	200	170	165	100	305	880	1410	657	41
26	20	114	170	200	220	160	188	315	760	760	821	52
27	20	126	160	200	290	165	262	225	565	466	293	271
28	38	122	165	200	340	171	176	8000	2350	304	150	135
29	40	150	165	200	.....	150	104	7800	1540	282	79	125
30	44	199	170	200	.....	130	107	11000	2910	184	50	112
31	.....	44	170	200	.....	151	.....	90000	.....	120	47	.....
Mean	20	89	182	.....	195	221	137	3951	3503	381	243	151
Max.	44	199	210	.....	340	450	262	90000	25000	1170	1600	852
Min.	2	40	160	.....	150	130	51	90	565	105	15	41
A. F.	1200	5280	11170	12300	10840	13590	8110	213100	208400	23630	14930	9170
Total acre-feet	561800											

DEPARTMENT OF ROADS AND IRRIGATION

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	90	139	355	475	315	378	450	116000	1740	245	1140
2	64	93	83	365	485	338	364	466	47000	2200	225	1340
3	61	93	70	340	475	397	360	361	17700	1550	225	995
4	59	98	98	400	460	548	351	303	9300	1369	217	841
5	58	102	107	450	445	759	346	310	3420	1210	209	739
6	56	102	119	445	425	719	351	286	2610	1210	195	654
7	54	106	130	440	430	648	361	286	2730	1080	179	616
8	54	102	154	440	435	585	346	272	2580	925	168	8310
9	52	102	214	440	440	572	360	275	1680	995	160	4170
10	54	99	217	440	445	572	355	242	1840	862	143	2760
11	54	99	242	440	440	610	414	266	1910	786	141	2150
12	52	96	272	444	430	542	408	2930	1660	779	148	1670
13	49	96	303	445	425	512	266	1480	1720	641	141	1560
14	50	96	279	450	418	468	408	772	1540	667	134	1170
15	52	93	257	470	418	444	383	418	3300	667	130	918
16	55	96	248	480	423	616	361	369	2200	572	121	745
17	58	99	292	485	418	579	387	472	4380	524	119	616
18	58	102	346	430	408	466	342	654	14000	500	116	672
19	62	112	338	390	408	455	318	1170	8500	461	116	500
20	76	137	330	385	397	444	314	2150	5010	423	116	466
21	104	239	338	380	387	428	363	2970	4060	392	109	423
22	360	1260	322	365	374	408	282	1660	5410	369	1220	413
23	175	988	314	400	383	397	269	1350	4090	560	786	355
24	139	434	306	425	370	402	2330	1170	2740	1240	392	314
25	119	257	299	450	320	408	387	1040	2820	383	572	338
26	110	175	286	460	280	408	326	911	1930	793	8680	346
27	107	154	240	440	290	413	1010	1020	1680	591	4890	338
28	104	160	270	450	310	397	786	2550	3210	478	4510	766
29	99	146	310	465	.....	402	548	10400	2750	378	5130	355
30	91	137	330	465	.....	392	413	8230	2530	299	2300	383
31	85	.....	364	470	.....	383	.....	15900	.....	266	1390	.....
Mean	85	199	246	430	408	485	462	1972	9343	803	1072	1119
Max.	360	1260	364	485	485	759	2330	15900	116000	2200	8680	8310
Min.	49	90	70	340	280	315	266	242	1540	266	109	314
A. F.	5220	11830	15110	26430	22640	29800	27500	121300	555900	49390	65900	71330
Total acre-feet	1002000											

REPUBLICAN RIVER NEAR HARDY—Sec. 6-1-5 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	75	105	306	220	410	517	395	598	12000	2680	435	2270
2	81	108	302	235	450	592	395	490	117000	2320	400	1690
3	77	105	292	250	575	534	385	456	45100	1960	375	1360
4	73	100	274	265	625	512	375	456	12600	2140	350	1480
5	70	108	200	275	675	528	375	425	7980	1690	345	1100
6	71	100	155	280	725	610	385	420	6170	1580	355	913
7	70	100	120	285	725	787	390	410	5000	1420	355	823
8	64	105	125	300	650	696	400	385	4050	1300	350	2430
9	62	102	150	310	620	673	405	360	3390	1160	350	11100
10	64	100	180	325	620	659	415	345	2850	1110	340	5850
11	60	102	210	345	625	586	415	350	2350	990	345	3460
12	60	105	225	370	625	586	425	302	1950	931	340	2770
13	64	105	240	390	600	604	385	728	1870	877	340	2180
14	62	108	235	410	625	574	534	2180	1780	805	335	1710
15	58	114	225	435	620	550	610	1240	1660	744	328	1430
16	60	114	220	466	550	506	506	744	3260	704	330	1320
17	58	114	220	450	530	500	451	562	3990	673	328	1120
18	62	120	250	420	530	485	425	562	5100	638	321	913
19	70	120	280	320	540	490	420	1000	13200	610	274	814
20	81	129	295	250	535	484	420	3540	11000	574	196	728
21	75	135	350	200	530	473	410	2180	7820	556	184	673
22	75	158	385	220	520	458	385	3910	5350	556	251	631
23	81	255	400	230	475	440	375	2430	6540	544	823	598
24	269	1380	375	240	425	446	360	1870	5310	534	1420	586
25	233	895	320	250	390	435	1740	1450	3620	752	970	617
26	181	610	280	265	360	440	1460	1270	3050	1100	832	1506
27	173	456	260	280	370	430	562	1320	3390	534	4690	752
28	135	390	225	305	410	420	425	4260	5270	673	7020	586
29	129	360	195	325	.....	415	586	3200	5030	673	3226	528
30	111	340	185	360	.....	405	736	8790	3980	574	6140	556
31	120	.....	200	380	.....	395	.....	9780	.....	506	3296	.....
Mean	94	238	248	311	548	524	518	1907	10380	1028	1213	1750
Max.	269	1380	400	466	725	787	1740	9780	117000	2680	7020	11100
Min.	58	100	120	200	360	395	360	302	1660	506	184	528
A. F.	5800	1170	15230	19150	30420	32210	30840	111100	618200	63210	74610	104100
Total acre-feet	1119000											

REPORT OF THE STATE ENGINEER

Date	SAND CREEK—Sec. 10-15-40 W.											
	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	2	3	3	2	1	4	5	5	5	4	4
2	3	2	3	3	2	1	4	5	5	5	4	4
3	3	3	3	3	2	1	4	5	5	5	4	4
4	3	2	3	3	2	1	4	5	5	5	4	4
5	3	2	3	3	2	1	4	5	5	5	4	4
6	3	2	3	2	2	2	4	5	5	5	4	4
7	3	3	3	2	2	2	4	5	5	5	4	4
8	3	2	4	2	2	2	4	5	5	5	4	4
9	3	2	4	2	2	2	4	5	5	5	4	4
10	3	2	4	2	2	2	4	5	5	5	4	4
11	3	2	4	2	2	2	4	5	5	5	4	4
12	3	2	4	2	2	2	4	5	5	5	4	4
13	3	2	4	2	2	2	4	5	5	5	4	4
14	3	2	4	2	2	2	4	5	5	5	4	4
15	3	2	4	2	2	2	4	5	5	5	4	4
16	3	2	3	2	2	3	4	5	5	5	4	4
17	3	3	3	2	2	3	4	5	5	5	4	4
18	3	2	3	2	2	3	4	5	5	5	4	4
19	3	2	3	2	2	3	4	5	5	5	4	4
20	3	2	3	2	2	3	4	5	5	5	4	4
21	3	2	3	2	2	3	4	5	5	5	4	4
22	3	2	3	2	2	3	4	5	5	7	4	4
23	3	2	3	2	2	3	4	5	5	9	4	4
24	3	2	3	2	2	3	5	5	5	5	4	4
25	3	2	3	2	2	3	5	5	5	4	4	4
26	3	2	3	2	2	4	5	5	5	4	4	4
27	3	2	3	2	2	4	5	5	5	4	4	4
28	3	2	3	2	2	4	5	5	5	4	4	4
29	3	2	3	2	-----	4	5	5	5	4	4	4
30	3	2	3	2	-----	5	5	5	5	4	4	4
31	3	-----	3	2	-----	5	-----	5	-----	4	4	-----
Mean	3	2	3	2	2	3	4	5	5	4	4	4
Max.	3	2	4	3	2	5	5	5	5	9	4	4
Min.	3	2	3	2	2	1	1	5	5	4	4	4
A. F.	184	119	200	133	111	161	252	307	298	274	246	238
Total acre-feet	2523											

Date	SARBEN SLOUGH—Sec. 20-14-35 W.											
	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.5	2.3	2.2	2.1	2.3	1.6	2.0	2	2	1	1	1
2	2.5	2.3	2.2	2.1	2.3	1.5	2.0	2	2	1	1	1
3	2.5	2.3	2.2	2.1	2.3	1.5	2.0	2	2	1	1	1
4	2.5	2.3	2.2	2.1	2.3	1.5	2.0	2	2	1	1	1
5	2.5	2.3	2.2	2.1	2.3	1.5	2.1	2	2	1	1	1
6	2.5	2.3	2.2	2.1	2.3	1.6	2.1	2	2	1	1	1
7	2.5	2.3	2.2	2.1	2.3	1.6	2.2	2	2	1	1	1
8	2.5	2.3	2.2	2.1	2.3	1.6	2.2	2	2	1	1	1
9	2.5	2.3	2.2	2.1	2.3	1.6	2.2	2	2	1	1	1
10	2.5	2.3	2.2	2.1	2.3	1.6	2.2	2	2	1	1	1
11	2.5	2.3	2.2	2.1	2.2	1.7	2.0	2	2	1	1	1
12	2.5	2.3	2.2	2.1	2.2	1.7	2.0	2	2	1	1	1
13	2.5	2.3	2.2	2.1	2.2	1.7	2.0	5	1	1	1	1
14	2.5	2.3	2.2	2.1	2.2	1.7	2.0	4	1	1	1	1
15	2.5	2.3	2.2	2.1	2.2	1.7	2.0	2	1	1	1	1
16	2.5	2.3	2.2	2.1	2.0	1.8	2.0	2	6	1	1	1
17	2.5	2.3	2.2	2.1	2.0	1.8	2.0	2	5	1	1	1
18	2.5	2.3	2.2	2.1	2.0	1.8	2.0	5	2	1	1	1
19	2.5	2.3	2.2	2.1	2.0	1.8	2.0	3	2	1	1	1
20	2.5	2.3	2.2	2.1	2.0	1.8	2.0	5	2	1	1	1
21	2.5	2.3	2.2	2.1	1.8	1.9	2.0	3	2	1	1	1
22	2.5	2.3	2.2	2.1	1.8	1.9	2.0	3	2	1	1	1
23	2.5	2.3	2.2	2.1	1.8	1.9	2.0	3	2	1	1	1
24	2.5	2.3	2.2	2.1	1.8	1.9	2.5	2	2	1	1	1
25	2.5	2.3	2.2	2.1	1.8	1.9	2.5	2	2	1	1	1
26	2.5	2.3	2.2	2.1	1.6	2.0	2.5	2	2	1	1	1
27	2.5	2.3	2.2	2.1	1.6	2.0	2.5	2	2	1	1	1
28	2.5	2.3	2.2	2.1	1.6	2.0	2.5	5	2	1	1	1
29	2.5	2.3	2.2	2.1	-----	2.0	2.5	3	2	1	1	1
30	2.5	2.3	2.2	2.1	-----	2.0	2.5	3	2	1	1	1
31	2.5	-----	2.2	2.1	-----	2.0	-----	2	-----	1	1	-----
Mean	2.5	2.3	2.2	2.1	2.1	1.8	2.2	3	2	1	1	1
Max.	2.5	2.3	2.2	2.1	2.3	2.0	2.5	5	6	1	1	1
Min.	2.5	2.3	2.2	2.1	1.6	1.5	2.0	2	1	1	1	1
A. F.	154.0	137.0	135.0	129.0	115.0	108.0	128.0	165	127	61	61	60
Total acre-feet	1380											

DEPARTMENT OF ROADS AND IRRIGATION

SCOTTSBLUFF DRAIN NO. 1—Sec. 25-22-55 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	14	15	8	7	6	5	6	9	9	14	18
2	13	14	15	8	7	6	5	6	9	9	14	18
3	13	14	15	8	7	6	5	6	9	9	14	18
4	13	14	15	8	7	6	5	6	9	9	14	18
5	13	14	15	8	7	6	5	6	9	9	14	18
6	13	14	10	8	7	6	5	6	9	9	15	17
7	13	14	10	8	7	6	5	6	9	9	15	17
8	13	11	10	8	7	6	5	6	9	9	15	17
9	13	14	10	8	7	6	5	6	9	9	15	17
10	13	14	10	8	7	6	5	6	9	9	15	17
11	13	16	10	8	7	6	5	6	10	9	16	17
12	13	16	10	8	7	6	5	6	10	9	16	17
13	13	16	10	8	7	6	5	6	10	9	16	17
14	13	16	10	8	7	6	5	6	10	9	16	17
15	13	16	10	8	7	6	5	6	10	9	16	17
16	13	18	10	8	7	6	5	6	10	10	17	16
17	13	18	10	8	7	6	5	6	10	10	17	16
18	13	18	10	8	7	6	5	6	10	10	17	16
19	13	18	10	8	7	6	5	6	10	10	17	16
20	13	18	10	8	7	6	5	6	10	10	17	16
21	13	20	8	8	7	6	5	6	10	12	18	15
22	13	20	8	8	7	6	5	6	10	12	18	15
23	13	20	8	8	7	6	5	6	10	12	18	15
24	13	20	8	8	7	6	7	6	10	12	18	15
25	13	20	8	8	7	6	7	6	10	12	18	15
26	13	18	8	8	7	6	7	6	10	13	18	14
27	13	18	8	8	7	6	6	8	10	13	18	14
28	13	18	8	8	7	6	6	8	10	13	18	14
29	13	18	8	8	.....	6	6	8	10	13	18	14
30	13	18	8	8	.....	6	6	8	10	13	18	14
31	13	.....	8	8	.....	6	.....	8	.....	13	18	.....
Mean	13	17	10	8	7	6	5	6	10	10	16	16
Max.	13	20	15	8	7	6	7	8	10	13	18	18
Min.	13	14	8	8	7	6	5	6	9	9	14	14
A. F.	799	992	621	492	389	368	317	401	575	641	1010	962
Total acre-feet	7568											

SCOTTSBLUFF DRAIN NO. 2—Sec. 34-22-54 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	5	4	3	3	3	3	7	11	10	5	10
2	6	5	4	3	3	3	3	5	4	10	5	9
3	6	5	4	3	3	3	3	5	4	12	6	7
4	6	5	4	3	3	3	3	5	3	10	8	7
5	6	5	4	3	3	3	3	4	3	8	9	7
6	6	5	4	3	3	3	3	4	13	8	10	7
7	6	5	4	3	3	3	3	4	8	9	10	5
8	6	5	4	3	3	3	3	4	5	10	8	8
9	6	5	4	3	3	3	3	4	8	10	9	6
10	6	5	4	3	3	3	3	3	9	8	8	8
11	5	5	3	2	3	3	3	3	9	6	8	9
12	5	5	3	2	3	3	3	3	8	7	5	6
13	5	5	3	2	3	3	3	4	8	6	7	10
14	5	5	3	2	3	3	3	6	8	7	6	10
15	5	5	3	2	3	3	3	8	9	8	6	7
16	5	5	3	2	3	3	3	5	9	9	6	9
17	5	5	3	2	3	3	3	4	11	6	6	9
18	5	5	3	2	3	3	3	4	11	8	6	8
19	5	5	3	2	3	3	3	9	11	7	7	9
20	5	5	3	2	3	3	3	8	9	7	8	8
21	5	5	3	2	3	3	3	9	9	6	7	9
22	5	5	2	2	3	3	3	8	11	10	7	8
23	5	4	2	2	3	3	3	6	13	10	7	10
24	5	4	2	2	3	3	5	5	16	10	9	9
25	5	4	2	2	3	3	5	5	12	9	9	8
26	5	4	2	2	3	3	5	3	10	9	7	8
27	5	4	2	2	3	3	4	3	9	8	8	8
28	5	4	2	2	3	3	4	6	10	8	9	8
29	5	4	2	2	.....	3	4	6	11	11	10	9
30	5	4	2	2	.....	3	4	4	12	13	9	9
31	5	.....	2	2	.....	3	.....	9	.....	5	9	.....
Mean	5	5	3	2	3	3	3	5	9	8	8	8
Max.	6	5	4	3	3	3	5	9	14	13	10	10
Min.	5	4	2	2	3	3	3	3	5	5	5	5
A. F.	327	282	182	143	167	181	198	333	547	522	466	494
Total acre-feet	3815											

SILVERNAIL DRAIN—Sec. 6-19-49 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4.8	4.7	4.6	4.3	3.8	3.5	3.3	5	5	3	5	14
2	4.8	4.7	4.6	4.3	3.8	3.5	3.3	5	5	3	20	11
3	4.8	4.7	4.6	4.3	3.8	3.5	3.3	5	5	3	8	8
4	4.8	4.7	4.6	4.3	3.8	3.5	3.3	5	5	4	24	7
5	4.8	4.7	4.6	4.3	3.8	3.5	3.3	5	5	3	16	7
6	4.8	4.7	4.5	4.2	3.7	3.4	3.3	5	5	6	22	7
7	4.8	4.7	4.5	4.2	3.7	3.4	3.3	5	5	12	24	5
8	4.8	4.7	4.5	4.2	3.7	3.4	3.3	5	5	3	12	7
9	4.8	4.7	4.5	4.2	3.7	3.4	3.3	4	5	5	6	7
10	4.8	4.7	4.5	4.2	3.7	3.4	3.3	4	5	3	6	6
11	4.8	4.7	4.5	4.1	3.7	3.4	3.3	4	5	7	6	7
12	4.8	4.7	4.5	4.1	3.7	3.4	3.3	4	34	6	6	6
13	4.8	4.7	4.5	4.1	3.7	3.4	3.3	4	10	4	5	10
14	4.8	4.7	4.5	4.1	3.7	3.4	3.3	4	5	5	7	8
15	4.8	4.7	4.5	4.1	3.7	3.4	3.3	4	4	9	5	10
16	4.8	4.7	4.5	4.0	3.6	3.4	3.3	4	16	6	5	7
17	4.8	4.7	4.5	4.0	3.6	3.4	3.3	4	16	7	5	9
18	4.8	4.7	4.4	4.0	3.6	3.4	3.3	4	24	12	10	12
19	4.8	4.7	4.4	3.8	3.6	3.4	3.3	4	25	12	5	17
20	4.8	4.7	4.4	3.8	3.6	3.4	3.3	4	17	10	6	7
21	4.8	4.7	4.4	3.8	3.6	3.4	3.3	4	12	5	7	7
22	4.8	4.7	4.4	4.0	3.6	3.4	3.3	4	14	11	7	7
23	4.8	4.7	4.4	4.0	3.6	3.4	3.3	4	8	9	9	7
24	4.8	4.7	4.4	4.0	3.6	3.4	6.0	4	14	13	7	7
25	4.8	4.7	4.4	4.0	3.6	3.4	6.0	4	9	15	7	7
26	4.8	4.6	4.3	3.9	3.5	3.4	6.0	4	7	16	8	7
27	4.8	4.6	4.3	3.9	3.5	3.4	5.0	4	4	12	9	7
28	4.8	4.6	4.3	3.9	3.5	3.4	5.0	4	3	28	9	7
29	4.8	4.6	4.3	3.9	-----	3.4	5.0	4	3	22	10	7
30	4.8	4.6	4.3	3.9	-----	3.4	5.0	4	3	7	10	7
31	4.8	-----	4.3	3.9	-----	3.4	-----	5	-----	5	7	-----
Mean	4.8	4.7	4.5	4.1	3.6	3.4	3.8	4	9	9	10	8
Max.	4.8	4.7	4.6	4.3	3.8	3.5	6.0	5	34	28	24	11
Min.	4.8	4.6	4.3	3.8	3.5	3.4	3.3	4	3	3	5	7
A. F.	295.0	279.0	274.0	250.0	203.0	210.0	226.0	264	560	529	580	479
Total acre-feet	4149											

SKUNK CREEK—Sec. 1-14-37 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	3	3	2	3	2	2	2	2	2	1	1
2	4	3	3	2	3	2	2	2	2	2	1	1
3	4	3	3	2	3	2	2	2	2	2	1	1
4	4	3	3	2	3	2	2	2	2	2	1	1
5	4	3	3	2	4	2	2	2	2	2	1	1
6	4	3	3	2	4	2	2	2	2	2	1	1
7	4	3	3	2	4	2	2	2	2	2	1	1
8	4	3	3	2	4	2	2	2	2	2	1	1
9	4	3	3	2	4	2	2	2	2	2	1	1
10	4	3	3	2	4	2	2	2	2	2	1	1
11	4	3	3	2	4	2	2	2	2	2	1	1
12	4	3	3	2	4	2	2	2	2	2	1	1
13	4	3	3	2	4	2	2	2	2	2	1	1
14	4	3	3	2	4	2	2	2	2	2	1	1
15	4	3	3	2	4	2	2	2	2	2	1	1
16	4	3	3	2	4	2	2	2	2	2	1	1
17	4	3	3	2	4	2	2	2	2	2	1	1
18	4	3	3	2	4	2	2	2	2	2	1	1
19	4	3	3	2	4	2	2	2	2	2	1	1
20	4	3	3	2	4	2	2	2	2	2	1	1
21	4	3	3	2	3	2	2	2	2	3	1	1
22	4	3	3	2	3	2	2	2	2	3	1	1
23	4	3	3	2	3	2	2	2	2	3	1	1
24	4	3	3	2	3	2	3	2	3	2	1	1
25	4	3	3	2	3	2	3	2	3	2	1	1
26	4	3	3	2	3	2	3	2	3	2	1	2
27	4	3	3	2	3	2	3	2	3	2	1	2
28	4	3	3	2	3	2	3	2	3	2	1	2
29	4	3	3	2	3	-----	2	2	3	2	1	2
30	4	3	3	2	3	-----	2	2	3	2	1	2
31	4	-----	3	-----	-----	2	-----	2	-----	2	1	-----
Mean	4	3	3	2	3	2	2	2	2	2	1	1
Max.	4	3	3	3	4	2	3	2	3	2	1	2
Min.	4	3	3	2	2	2	2	2	2	2	1	1
A. F.	246	178	143	135	198	123	125	123	139	123	61	69
Total acre-feet	1663											

REPORT OF THE STATE ENGINEER

SPOTTED TAIL CREEK, DRY—Sec. 28-23-56 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20	3	20	26	19	19	19	17	25	17	35	30
2	19	3	20	26	19	19	19	16	25	18	26	27
3	19	3	20	26	19	19	19	16	24	15	29	20
4	15	3	20	26	19	10	19	16	21	14	29	21
5	15	3	20	26	19	19	19	18	21	17	28	26
6	15	3	22	24	19	19	19	18	24	22	30	25
7	15	3	22	24	19	19	19	19	25	24	32	26
8	15	3	22	24	19	19	19	19	21	32	34	28
9	15	3	22	24	19	19	19	16	22	29	36	24
10	15	3	22	24	19	19	19	16	18	57	34	19
11	10	3	24	22	19	17	10	22	22	44	20	22
12	10	3	24	22	19	17	19	24	22	38	22	24
13	10	3	24	22	19	17	19	23	24	42	26	24
14	10	3	24	22	19	17	19	21	20	41	24	26
15	10	3	24	22	19	17	50	22	22	42	20	25
16	10	3	26	20	19	15	96	22	20	40	19	24
17	10	3	26	20	19	15	96	22	22	48	19	22
18	10	3	26	20	19	15	50	34	21	42	18	22
19	10	3	26	18	19	14	10	27	23	30	19	22
20	10	3	26	18	19	16	10	31	22	42	16	22
21	5	3	28	18	19	16	10	26	20	44	22	20
22	5	3	28	20	19	16	12	24	17	38	16	21
23	5	3	28	20	19	16	13	21	20	37	18	20
24	5	3	28	20	18	16	16	23	19	31	19	20
25	5	3	28	20	18	16	24	22	16	42	18	19
26	5	3	28	19	18	18	15	21	16	44	20	19
27	5	3	28	19	20	18	15	30	13	39	20	19
28	5	3	28	19	20	18	17	26	33	38	16	18
29	5	3	28	19	.....	18	17	23	14	32	22	23
30	5	3	28	19	.....	18	16	23	14	30	22	22
31	5	.....	28	19	.....	18	.....	24	.....	33	24	.....
Mean	10	3	25	21	19	19	24	22	21	34	24	32
Max.	20	3	28	26	20	19	96	31	25	57	35	30
Min.	5	3	20	19	18	14	12	16	13	14	16	18
A. F.	631	179	1520	1820	1050	1070	1451	1360	1242	2106	1451	1350
Total acre-feet	14735											

SPOTTED TAIL CREEK, WET—Sec. 6-22-55 W.

Date	Year Ending September 30, 1935											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	13	13	12	11	12	11	14	14	12	11	14
2	16	13	13	12	11	12	11	13	14	13	12	14
3	16	13	13	12	11	12	11	13	14	11	11	14
4	16	13	13	12	11	12	11	13	14	12	10	14
5	16	13	13	12	11	12	11	12	14	12	10	14
6	16	13	13	12	11	12	11	12	14	12	10	14
7	16	13	13	12	11	12	11	12	14	11	10	14
8	16	13	13	12	11	12	11	12	14	13	11	16
9	16	13	13	12	11	12	11	12	14	11	12	15
10	16	13	13	12	11	12	11	12	14	13	12	15
11	15	12	13	12	11	12	10	12	15	13	12	15
12	15	12	13	12	11	12	10	14	15	13	12	15
13	15	12	13	12	11	12	10	14	16	13	12	15
14	15	12	13	12	11	12	10	13	16	15	12	15
15	15	12	13	12	11	12	10	14	14	15	12	15
16	15	12	12	12	12	11	10	13	15	16	12	15
17	15	12	12	12	12	11	10	13	15	15	12	16
18	15	12	12	12	12	11	10	16	16	15	13	16
19	15	12	12	10	12	11	10	16	16	15	14	16
20	15	12	12	10	12	11	10	22	14	15	14	16
21	14	12	12	10	12	11	10	17	15	14	15	16
22	14	11	12	10	12	11	10	16	14	14	14	16
23	14	11	12	14	12	11	10	14	14	14	14	16
24	14	11	12	13	11	11	15	14	15	14	13	16
25	14	11	12	13	11	11	19	14	14	13	13	16
26	14	12	12	13	11	11	17	13	14	12	13	16
27	14	12	12	12	12	11	15	16	13	12	14	16
28	14	12	12	12	12	11	14	15	13	12	14	16
29	14	12	12	12	.....	11	14	13	12	14	15	16
30	14	12	12	12	.....	11	14	14	12	12	14	16
31	14	.....	12	12	.....	11	.....	14	.....	12	14	.....
Mean	15	12	12	12	11	11	11	14	14	13	12	15
Max.	16	13	13	14	12	12	19	22	16	16	15	16
Min.	14	11	12	10	11	11	10	12	12	12	10	14
A. F.	920	726	768	732	631	706	690	859	851	811	766	902
Total acre-feet	9382											

DEPARTMENT OF ROADS AND IRRIGATION

SPRING CREEK—Sec. 4-23-58 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	9	9	9	10	10	9	10	12	11	10	10
2	10	9	9	9	10	10	9	10	12	11	10	10
3	10	9	9	9	10	10	9	10	12	11	10	10
4	10	9	9	9	10	10	9	10	12	11	10	10
5	10	9	9	9	10	10	9	10	12	11	10	10
6	10	9	9	9	10	10	9	10	12	11	10	10
7	10	9	9	9	10	10	9	10	12	11	10	10
8	10	9	9	9	10	10	9	10	12	11	10	10
9	10	9	9	9	10	10	9	10	12	11	10	10
10	10	9	9	9	10	10	9	10	12	11	10	10
11	10	9	9	9	10	10	9	10	12	11	10	10
12	10	9	9	9	10	10	9	10	12	11	10	10
13	10	9	9	9	10	10	9	10	12	11	10	10
14	10	9	9	9	10	10	9	10	11	11	10	10
15	10	9	9	9	10	10	9	10	11	11	10	10
16	10	9	8	9	10	10	9	10	11	11	10	10
17	10	9	8	9	10	10	9	10	11	11	10	10
18	10	9	8	9	10	10	9	10	10	11	10	10
19	10	9	8	9	10	10	9	10	10	11	10	10
20	10	9	8	9	10	10	9	10	10	11	10	10
21	10	9	8	9	10	9	9	10	10	10	10	10
22	10	9	8	9	10	9	9	10	10	10	10	10
23	10	9	8	9	10	9	9	10	10	10	10	10
24	10	9	8	9	10	9	10	10	10	10	10	10
25	10	9	8	9	10	9	10	10	10	10	10	10
26	10	9	8	9	10	9	10	10	10	10	10	10
27	10	9	8	9	10	9	10	10	10	10	10	10
28	10	9	8	9	10	9	10	10	10	10	10	10
29	10	9	8	9	-----	9	10	10	10	10	10	10
30	10	9	8	9	-----	9	10	10	10	10	10	10
31	10	-----	8	9	-----	9	-----	12	-----	10	-----	-----
Mean	10	9	8	9	10	10	9	10	11	11	10	10
Max.	10	9	9	9	10	10	10	12	12	11	10	10
Min.	10	19	8	9	10	9	9	10	10	10	10	10
A. F.	615	536	522	553	555	593	549	619	655	655	615	595
Total acre-feet	7062											

TOOHEY SPILLWAY—Sec. 19-23-56 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	19	1	2	13	9	0	14	0	0	0
2	0	1	19	1	2	13	9	0	14	0	0	0
3	0	1	19	1	2	13	9	0	4	0	0	0
4	0	1	19	1	2	13	9	0	0	0	0	0
5	0	1	19	1	2	13	9	0	0	0	0	0
6	0	1	15	1	2	13	10	0	82	0	0	0
7	0	1	15	1	2	13	10	0	0	0	0	0
8	0	1	15	1	2	13	10	0	65	0	0	0
9	0	1	15	1	2	13	10	0	85	0	0	0
10	0	1	15	1	2	13	10	0	0	0	0	0
11	1	1	10	1	2	12	11	0	0	0	0	0
12	1	1	10	1	2	12	11	0	72	0	0	0
13	1	1	10	1	2	12	11	0	72	0	0	0
14	1	1	10	1	2	12	11	0	76	0	0	0
15	1	1	10	1	2	12	11	0	76	0	0	0
16	1	1	5	1	2	12	12	0	37	0	0	0
17	1	1	5	1	2	12	12	0	0	0	0	0
18	1	1	5	1	2	5	5	0	0	0	0	0
19	1	1	5	14	2	1	0	0	0	0	0	0
20	1	1	5	14	2	1	0	0	0	0	0	0
21	1	1	1	14	2	1	0	0	0	0	0	0
22	1	1	1	14	2	1	0	0	0	0	0	0
23	1	1	1	14	2	1	0	0	0	0	0	0
24	1	1	1	14	2	1	0	0	0	0	0	0
25	1	1	1	14	2	1	0	0	0	0	0	0
26	1	1	1	14	2	5	0	14	0	0	0	0
27	1	1	1	14	2	5	0	102	0	0	0	0
28	1	1	1	14	2	5	0	15	0	0	0	0
29	1	1	1	14	-----	5	0	15	0	0	0	0
30	1	1	1	14	-----	5	0	6	0	0	0	0
31	1	-----	1	14	-----	5	-----	21	-----	0	0	-----
Mean	1	1	8	6	2	8	6	6	19	0	0	0
Max.	1	1	19	14	2	13	12	102	85	0	0	0
Min.	0	1	1	1	2	1	0	0	0	0	0	0
A. F.	42	60	508	397	111	508	355	343	1180	0	0	0
Total acre-feet	3504											

REPORT OF THE STATE ENGINEER

TUB SPRINGS—Sec. 8-22-55 W.												
Year Ending September 30, 1935												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	56	2	28	26	26	25	25	47	34	7	7	20
2	58	2	28	26	26	25	25	41	33	6	6	6
3	59	2	28	26	26	25	25	35	17	17	6	11
4	50	2	28	26	26	25	25	39	68	20	21	17
5	50	2	27	26	26	25	25	37	56	31	11	26
6	25	2	27	25	26	24	23	37	80	8	10	32
7	25	2	27	25	26	24	23	42	61	32	8	36
8	25	2	27	25	26	24	23	30	38	65	7	68
9	25	2	27	25	26	24	23	34	45	26	11	71
10	25	2	27	25	26	24	23	34	27	14	8	68
11	10	2	27	24	26	23	22	44	60	17	8	60
12	10	2	27	24	26	23	22	53	84	28	8	56
13	10	2	27	24	26	23	22	57	60	17	4	60
14	9	2	27	24	26	23	22	71	64	67	4	63
15	6	2	27	24	26	23	22	72	66	46	4	59
16	6	2	26	24	26	22	22	56	60	53	4	48
17	6	2	26	24	26	22	20	40	70	40	4	36
18	6	2	26	24	26	22	22	43	56	52	4	26
19	6	2	26	23	26	22	22	45	68	45	4	26
20	6	2	26	23	26	23	22	112	60	59	4	26
21	4	2	26	23	25	23	22	92	47	50	4	28
22	4	2	26	23	25	23	23	80	42	44	3	42
23	4	2	26	23	25	23	40	74	42	26	4	42
24	4	2	26	23	25	23	75	76	48	7	4	48
25	4	2	26	23	25	23	97	61	20	35	3	46
26	2	2	26	23	25	24	86	67	11	32	4	46
27	2	2	26	25	25	24	96	127	17	29	4	72
28	2	2	26	25	25	24	53	79	9	23	5	64
29	2	2	26	25	.....	24	45	68	7	15	4	64
30	2	2	26	25	.....	24	47	69	19	6	4	71
31	2	.....	26	25	.....	24	.....	58	.....	5	4	.....
Mean	16	2	27	24	26	23	35	46	46	30	6	45
Max.	59	2	28	26	26	25	97	127	84	67	21	71
Min.	2	2	26	23	25	22	20	30	7	5	3	6
A. F.	1000	119	1640	1500	1430	1450	2070	2820	2730	1830	369	2850
Total	acre-feet 19608											

WHITE HORSE CREEK—Sec. 5-13-29 W.												
Year Ending September 30, 1935												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	9	11	16	21	35	13	25	25	10	2	5
2	8	9	11	16	25	35	13	25	22	10	2	5
3	8	9	11	16	25	35	13	25	22	10	2	5
4	8	9	11	16	25	37	13	22	22	10	2	5
5	8	9	11	16	25	35	13	21	22	10	2	5
6	8	9	11	17	20	35	13	21	21	10	2	6
7	8	9	11	17	20	35	13	21	21	6	2	6
8	8	9	11	17	20	35	13	21	21	6	2	6
9	8	9	11	17	20	35	13	21	21	6	2	6
10	8	9	11	17	20	35	15	21	21	6	2	6
11	8	9	11	17	20	25	15	20	22	4	3	6
12	8	9	11	17	20	25	15	20	22	4	3	6
13	8	9	11	17	20	25	15	20	22	4	3	6
14	8	9	11	17	20	25	15	20	22	4	3	6
15	8	9	11	17	20	25	15	20	22	4	3	6
16	9	9	11	17	15	25	13	19	25	3	3	5
17	9	9	11	17	15	25	13	20	25	3	3	5
18	9	9	11	17	15	25	13	25	25	3	3	5
19	9	9	11	15	15	25	13	25	20	3	3	5
20	9	9	11	15	15	25	13	25	20	3	3	5
21	9	10	12	15	15	20	13	25	20	2	5	5
22	9	10	12	15	15	20	13	22	20	2	5	5
23	9	10	12	18	15	20	13	22	20	2	5	5
24	9	10	12	18	15	20	40	22	20	2	5	5
25	9	10	12	18	15	20	40	22	20	2	5	5
26	9	10	11	20	15	15	40	22	16	2	5	5
27	9	10	14	20	15	14	30	22	16	2	5	5
28	9	10	14	20	15	13	30	22	16	2	5	5
29	9	10	14	20	.....	13	30	22	16	2	5	5
30	9	10	14	20	.....	13	30	22	16	2	5	5
31	9	.....	14	20	.....	13	.....	30	.....	2	5	.....
Mean	8	9	12	17	18	25	18	22	20	4	3	5
Max.	9	10	14	20	25	37	40	25	25	10	5	6
Min.	8	9	11	16	15	13	13	19	16	2	2	5
A. F.	524	555	722	1060	1030	1550	1090	1370	1240	280	208	317
Total	acre-feet 9946											

REPORT OF THE STATE ENGINEER

WHITE TAIL CREEK—Sec. 36-15-38 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	26	30	29	34	23	30	30	28	33	29	30
2	28	26	30	29	34	23	30	28	28	30	27	22
3	28	26	30	29	34	23	30	28	28	31	31	21
4	28	26	30	29	34	23	30	33	28	34	28	12
5	28	26	30	29	34	23	30	32	28	12	30	12
6	28	26	30	29	34	25	30	32	30	11	25	12
7	28	26	30	29	34	25	30	32	25	11	28	12
8	28	26	30	29	34	25	30	35	24	11	28	12
9	28	26	30	29	34	25	30	30	24	12	28	12
10	28	26	30	29	34	25	30	30	30	11	28	11
11	28	26	30	29	30	27	30	28	30	10	27	12
12	28	26	30	29	30	27	30	12	30	12	24	12
13	28	26	30	29	30	27	30	16	30	6	28	13
14	28	26	30	29	30	27	30	20	27	6	32	13
15	28	26	30	29	30	27	30	18	27	6	26	13
16	27	26	30	29	27	30	30	18	30	9	26	13
17	27	26	30	29	27	30	30	20	30	20	27	13
18	27	26	30	29	27	30	30	35	28	26	27	13
19	27	26	30	28	27	30	30	32	29	26	27	12
20	27	26	30	28	27	30	30	33	28	24	27	13
21	27	28	30	28	25	32	30	33	29	14	27	14
22	27	28	30	28	25	32	30	34	30	28	27	21
23	27	28	30	30	25	32	30	28	31	13	26	22
24	27	28	30	30	25	32	40	28	32	12	31	23
25	27	28	30	30	25	32	40	27	30	12	31	21
26	27	30	30	32	25	33	40	24	28	9	28	24
27	27	30	30	32	25	33	35	24	30	11	30	26
28	27	30	30	32	25	33	35	30	29	27	30	26
29	27	30	30	32	-----	33	35	28	30	26	27	28
30	27	30	30	32	-----	33	35	28	32	23	23	28
31	27	-----	30	32	-----	33	-----	28	-----	24	30	-----
Mean	27	27	30	29	29	28	35	27	28	17	28	17
Max.	28	30	30	32	34	33	40	35	32	34	32	30
Min.	27	26	30	28	25	23	30	12	24	6	23	11
Total acre-feet	19440											

WILLOW CREEK—Sec. 15-14-35 W.
Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.6	1.5	1.5	1.6	1.6	2.3	1.2	1	2	1	1	1
2	1.6	1.5	1.5	1.6	1.6	2.6	1.2	1	2	1	1	1
3	1.6	1.5	1.5	1.6	1.6	2.3	1.2	1	2	1	1	1
4	1.6	1.5	1.5	1.6	1.6	2.3	1.2	1	2	1	1	1
5	1.6	1.5	1.5	1.6	1.6	2.3	1.2	1	2	1	1	1
6	1.6	1.5	1.5	1.6	1.6	2.0	1.2	1	2	1	1	1
7	1.6	1.5	1.5	1.6	1.6	2.0	1.2	1	2	1	1	1
8	1.6	1.5	1.5	1.6	1.6	2.0	1.2	1	2	1	1	1
9	1.6	1.5	1.5	1.6	1.6	2.0	1.2	1	2	1	1	1
10	1.6	1.5	1.5	1.6	1.6	2.0	1.5	1	2	1	1	1
11	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1	2	1	1	1
12	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1	2	1	1	1
13	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1	2	1	1	1
14	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1	2	1	1	1
15	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1	2	1	1	1
16	1.6	1.5	1.5	1.6	1.6	1.5	1.5	2	2	1	1	1
17	1.6	1.5	1.5	1.6	1.6	1.5	1.5	2	2	1	1	1
18	1.6	1.5	1.5	1.6	1.6	1.5	1.5	2	2	1	1	1
19	1.6	1.5	1.5	1.6	1.6	1.5	1.5	2	2	1	1	1
20	1.6	1.5	1.5	1.6	1.6	1.5	1.5	2	2	1	1	1
21	1.6	1.5	1.5	1.6	1.6	1.2	1.5	2	2	1	1	1
22	1.6	1.5	1.5	1.6	1.6	1.2	1.5	2	2	1	1	1
23	1.6	1.5	1.5	1.6	1.6	1.2	1.5	2	2	1	1	1
24	1.6	1.5	1.5	1.6	1.6	1.2	2.0	2	2	1	1	1
25	1.6	1.5	1.5	1.6	1.6	1.2	2.0	2	2	1	1	1
26	1.6	1.5	1.5	1.6	2.0	1.0	2.0	2	2	1	1	1
27	1.6	1.5	1.5	1.6	2.0	1.0	1.6	2	2	1	1	1
28	1.6	1.5	1.5	1.6	2.0	1.0	1.6	2	2	1	1	1
29	1.6	1.5	1.5	1.6	-----	1.0	1.6	2	2	1	1	1
30	1.6	1.5	1.5	1.6	-----	1.0	1.6	2	2	1	1	1
31	1.6	-----	1.5	1.6	-----	1.0	-----	2	-----	1	1	-----
Mean	1.6	1.5	1.5	1.6	1.7	1.6	1.4	2	2	1	1	1
Max.	1.6	1.5	1.5	1.6	2.0	2.3	2.0	2	2	1	1	1
Min.	1.6	1.5	1.5	1.6	1.6	1.0	1.2	1	2	1	1	1
A. F.	98.0	89.0	92.0	98.0	95.0	97.0	88.0	93	119	61	61	60
Total acre-feet	1051											

WINTERS CREEK—Sec. 19-22-54 W.

Year Ending September 30, 1935

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	40	100	44	45	42	43	48	42	7	5	53
2	66	40	57	44	45	43	41	47	36	5	4	105
3	57	34	53	44	45	43	43	46	35	4	4	118
4	34	34	52	44	45	54	41	48	38	3	6	91
5	25	40	51	44	45	45	43	50	26	3	7	123
6	39	43	50	44	45	44	43	54	30	7	6	117
7	43	41	50	44	45	44	42	60	35	6	22	112
8	38	40	75	44	45	45	26	59	33	6	49	103
9	34	38	52	44	45	44	15	54	40	10	66	47
10	26	31	78	44	45	43	42	48	35	32	64	28
11	49	24	80	44	44	43	43	44	138	3	76	36
12	53	19	81	44	44	42	40	40	85	3	30	34
13	56	16	79	44	44	42	38	16	48	2	4	43
14	55	14	77	44	44	42	38	57	43	3	4	40
15	53	12	52	44	43	43	37	77	32	7	3	83
16	51	9	48	44	43	41	37	70	32	5	1	112
17	52	10	48	44	43	41	37	39	38	4	1	107
18	50	7	43	44	43	41	37	54	57	3	2	123
19	50	5	48	44	43	41	49	48	47	2	2	117
20	51	5	49	44	43	38	56	52	45	2	24	68
21	52	5	49	44	42	38	50	44	38	3	61	24
22	50	6	51	44	41	36	39	40	24	2	59	7
23	51	6	51	44	41	36	30	30	22	3	60	12
24	43	4	52	44	42	36	45	38	15	2	23	17
25	44	4	51	44	42	36	59	37	12	8	3	24
26	44	7	46	41	41	36	59	38	8	8	5	30
27	45	24	44	44	42	37	54	49	7	23	9	106
28	45	40	45	44	41	37	43	48	9	62	17	81
29	48	87	45	44	.....	41	48	43	8	70	23	97
30	40	90	45	44	.....	43	48	40	9	71	24	101
31	38	.....	43	44	.....	44	.....	124	.....	7	22	.....
Mean	46	26	56	44	43	41	42	51	36	12	22	72
Max.	68	90	100	.....	.....	54	59	124	138	71	76	123
Min.	25	4	43	.....	41	36	15	37	7	2	1	7
A. F.	2860	1540	3170	2710	2410	2510	2510	3110	2120	756	1360	4280
Total acre-feet	29700											

REPORT OF THE STATE ENGINEER

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	7	11	15	13	27	23	22	45	1	2	7
2	5	7	11	15	13	23	29	22	45	1	1	6
3	6	7	11	16	13	20	31	20	112	1	1	6
4	6	13	11	15	12	21	38	19	204	1	1	10
5	6	9	13	15	12	19	47	15	188	1	1	6
6	6	9	14	14	13	20	46	15	80	1	135	6
7	6	14	15	12	13	20	46	15	39	0	20	6
8	5	15	14	14	11	21	40	17	33	1	18	10
9	5	15	13	15	11	20	37	35	29	1	10	10
10	5	14	13	15	12	20	38	45	57	1	3	9
11	5	20	13	16	13	18	32	33	43	1	3	7
12	5	18	13	17	12	17	26	21	41	1	3	5
13	5	14	12	16	12	17	23	20	34	1	1	3
14	5	12	12	15	12	17	25	17	31	0	1	6
15	5	13	12	14	12	18	21	15	23	0	0	11
16	6	13	13	13	11	20	20	15	20	0	0	13
17	7	13	13	12	11	19	17	15	17	0	0	13
18	9	13	14	12	12	19	19	16	17	0	0	13
19	9	13	14	12	12	20	20	16	15	0	0	13
20	9	12	15	13	14	20	18	17	14	0	0	13
21	9	10	15	13	18	20	16	17	13	0	29	14
22	10	10	15	14	20	20	17	19	13	0	11	15
23	10	10	14	13	50	23	17	18	9	0	8	15
24	10	10	14	14	60	24	15	20	7	0	4	15
25	10	11	13	15	53	21	15	17	5	0	5	15
26	10	10	13	15	41	24	15	15	5	0	4	16
27	10	17	13	14	37	37	14	15	4	0	4	18
28	11	13	14	14	31	22	31	18	3	0	4	20
29	11	12	14	14	26	26	23	2020	3	5	5	28
30	8	10	15	14	.....	28	22	138	2	6	5	35
31	8	.....	15	14	.....	23	.....	58	.....	2	9	.....
Mean	7	12	13	14	20	21	26	89	38	1	9	12
Max.	11	20	15	17	60	37	47	2020	204	6	135	35
Min.	5	7	11	12	11	17	14	15	2	0	0	3
A. F.	450	722	817	873	1150	1320	1550	5480	2280	50	571	722
Total Acre-feet	15,980.											

BALD DRAIN—Sec. 32-23-56 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	20	2	1	2	2	3	1	1	1	1
2	1	1	40	2	1	2	2	3	1	1	1	1
3	1	1	43	2	1	2	2	3	1	1	1	1
4	1	1	43	2	1	2	2	3	1	1	1	1
5	1	1	40	2	1	2	2	3	1	1	1	1
6	1	1	30	2	1	2	2	3	2	1	2	1
7	1	1	20	2	1	2	2	3	2	1	2	1
8	1	1	10	2	1	2	2	3	2	1	2	1
9	1	10	2	2	1	2	2	3	2	1	2	1
10	1	20	2	2	1	2	2	3	2	2	2	1
11	1	33	2	2	1	2	2	2	2	2	2	1
12	1	33	2	2	1	2	2	2	2	2	2	1
13	1	33	2	2	1	2	2	2	2	2	2	1
14	1	33	2	2	1	2	2	2	2	2	2	1
15	1	33	2	2	1	2	2	2	2	2	2	1
16	1	20	2	2	1	2	3	2	2	2	2	1
17	1	10	2	2	1	2	3	2	2	2	2	1
18	1	4	2	2	1	2	3	2	2	2	2	1
19	1	4	2	2	1	2	3	2	2	2	2	1
20	1	4	2	2	1	2	3	2	2	2	2	1
21	1	4	2	1	2	2	3	1	2	2	2	1
22	1	4	2	1	2	2	3	1	2	2	2	1
23	1	4	2	1	2	2	3	1	2	2	2	1
24	1	4	2	1	2	2	3	1	2	2	2	1
25	1	4	2	1	2	2	3	1	2	2	1	1
26	1	4	2	1	2	2	3	1	2	2	1	1
27	1	4	2	1	2	2	3	1	2	2	1	1
28	1	4	2	1	2	2	3	1	2	2	1	1
29	1	4	2	1	2	2	3	1	2	2	1	1
30	1	4	2	1	.....	2	3	1	2	2	1	1
31	1	.....	2	1	.....	2	.....	1	.....	2	1	.....
Mean	1	10	9	2	1	2	2	2	2	2	2	1
Max.	1	33	43	2	2	2	3	3	2	2	2	1
Min.	1	1	2	1	1	2	2	1	1	1	1	1
A. F.	61	565	579	101	75	123	149	121	109	103	101	60
Total Acre-feet	2,147.											

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 4-20-52 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	32	33	30	27	28	22	23.0	6.0	30.0	28	36
2	30	34	33	30	28	28	23	22.0	17.0	30.0	28	34
3	30	35	33	30	26	28	25	22.0	16.0	18.0	33	35
4	34	35	33	30	26	27	26	22.0	11.0	9.4	26	34
5	33	36	33	30	27	28	26	21.0	28.0	23.0	27	34
6	34	36	33	28	26	28	26	20.0	22.0	11.0	26	34
7	34	36	32	29	26	28	26	19.0	18.0	29.0	21	34
8	40	36	32	29	23	28	26	21.0	49.0	30.0	20	34
9	42	36	32	30	24	28	30	19.0	107.0	29.0	20	34
10	41	34	32	30	26	26	25	19.0	56.0	28.0	22	33
11	37	34	32	30	25	26	24	19.0	44.0	30.0	24	32
12	37	34	32	31	24	26	24	21.0	38.0	30.0	42	34
13	36	36	32	30	24	27	23	28.0	36.0	33.0	41	38
14	36	35	32	30	22	27	23	8.2	34.0	31.0	38	38
15	35	35	31	30	24	26	22	0.4	35.0	28.0	38	38
16	35	35	30	30	24	26	23	0.0	32.0	29.0	36	34
17	36	36	30	28	25	26	23	0.0	33.0	29.0	36	26
18	35	36	30	28	25	26	22	0.2	33.0	31.0	37	26
19	36	35	30	28	26	26	22	0.1	38.0	28.0	35	26
20	34	35	30	28	26	26	22	0.2	22.0	30.0	38	28
21	34	35	30	29	26	26	21	0.8	10.0	13.0	38	30
22	34	35	32	29	26	25	21	0.6	10.0	8.2	37	36
23	35	36	30	30	26	25	21	1.6	9.7	7.0	36	41
24	34	34	30	30	26	24	21	1.4	9.1	28.0	38	39
25	34	34	29	29	26	26	21	0.9	9.7	30.0	38	39
26	34	34	30	28	27	25	24	1.4	8.8	28.0	37	41
27	34	34	30	28	27	25	23	1.8	8.2	28.0	35	45
28	34	34	30	28	27	25	22	4.6	10.0	26.0	36	44
29	34	33	30	26	26	25	22	4.8	9.1	26.0	36	44
30	33	33	29	26	.....	25	23	4.2	40.0	29.0	36	41
31	32	.....	30	28	.....	21	.....	4.8	.....	30.0	36	.....
Mean	35	35	31	29	26	26	23	10.1	26.7	25.5	33	35
Max.	42	36	33	31	28	28	30	28.0	107.0	33.0	42	45
Min.	30	32	29	26	22	21	21	0.0	6.0	7.0	20	26
A. F.	2140	2070	1910	1790	1470	1610	1390	619.0	1590.0	1570.0	2020	2110
Total Acre-feet	20,290.											

BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	148	191	199	166	112	183	140	169	152	142	128	117
2	162	183	195	169	112	176	120	145	162	123	115	106
3	162	237	191	166	106	176	140	145	137	106	106	104
4	169	237	180	172	106	176	150	142	140	86	128	123
5	162	203	172	176	101	176	166	142	219	83	131	126
6	169	211	183	152	98	180	148	142	180	83	134	117
7	172	223	183	155	93	166	158	145	142	86	145	109
8	180	219	172	199	81	162	169	228	137	96	128	115
9	172	207	166	237	112	183	195	203	152	101	115	117
10	158	180	169	251	101	183	158	152	137	96	112	117
11	169	199	172	187	101	166	166	152	140	101	101	120
12	183	203	180	191	98	172	166	140	137	98	88	120
13	172	203	172	176	93	183	166	131	137	98	83	123
14	169	191	162	169	88	169	142	131	140	101	86	126
15	180	195	162	183	88	169	148	134	140	106	86	117
16	176	211	169	191	88	172	155	128	140	109	83	115
17	180	215	166	176	88	169	166	120	140	106	93	117
18	183	215	152	112	115	169	176	112	142	101	101	123
19	183	207	155	115	140	152	207	117	140	93	106	126
20	191	207	158	128	176	148	207	112	126	93	169	123
21	188	211	158	155	211	145	187	112	131	104	169	131
22	186	215	155	215	246	155	199	176	123	104	137	126
23	184	215	155	223	242	152	195	162	115	96	131	120
24	182	219	162	211	232	155	187	142	112	115	115	120
25	180	211	112	148	228	158	191	140	104	131	109	120
26	178	237	155	140	215	148	195	140	126	137	98	137
27	176	203	203	131	235	162	172	134	166	137	104	142
28	172	211	256	126	195	172	176	137	155	145	104	148
29	176	223	219	120	183	153	166	148	142	145	112	166
30	191	219	148	112	.....	166	300	131	148	155	123	166
31	191	.....	148	112	.....	166	.....	117	.....	145	120	.....
Mean	176	210	172	167	141	167	174	143	142	110	115	125
Max.	191	237	256	251	246	183	300	228	219	155	169	166
Min.	148	180	112	112	81	145	120	112	104	83	83	104
A. F.	10800	12500	10570	10240	8100	10250	10340	8780	8450	6790	7060	7410
Total Acre-feet	111,300.											

REPORT OF THE STATE ENGINEER

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-42 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	40	98	107	99	121	75	82.0	4.2	59.0	14.0	76.0
2	12	56	95	107	97	119	90	75.0	3.8	68.0	16.0	80.0
3	13	62	97	106	82	116	107	69.0	19.0	34.0	22.0	81.0
4	14	65	94	101	80	109	117	71.0	42.0	8.4	19.0	84.0
5	15	79	92	97	79	100	121	71.0	57.0	8.8	3.0	78.0
6	16	82	97	87	77	103	115	62.0	62.0	21.0	1.7	39.0
7	17	85	101	84	75	103	119	56.0	59.0	62.0	1.6	3.0
8	23	84	99	107	74	97	121	54.0	59.0	64.0	1.3	2.5
9	24	81	96	140	77	94	150	80.0	86.0	70.0	1.2	2.5
10	25	78	96	152	79	91	131	143.0	85.0	75.0	1.3	64.0
11	25	76	97	137	82	87	116	123.0	69.0	89.0	62.0	75.0
12	25	82	98	121	85	88	112	98.0	65.0	89.0	74.0	74.0
13	25	82	95	103	85	90	107	65.0	47.0	92.0	72.0	75.0
14	24	77	95	101	82	88	98	52.0	31.0	91.0	74.0	78.0
15	24	76	98	101	80	92	97	49.0	3.8	90.0	72.0	76.0
16	24	80	94	99	84	96	92	44.0	0.4	77.0	68.0	73.0
17	24	86	91	99	90	95	92	44.0	0.3	55.0	75.0	71.0
18	24	92	89	95	99	87	88	44.0	0.3	58.0	81.0	71.0
19	33	92	85	106	103	85	99	50.0	0.3	59.0	73.0	64.0
20	38	86	81	104	117	87	107	55.0	0.3	45.0	60.0	51.0
21	38	86	86	105	133	79	103	52.0	0.4	12.0	22.0	6.4
22	27	87	86	99	148	76	104	49.0	3.0	27.0	2.3	1.5
23	20	87	91	98	148	84	104	21.0	33.0	87.0	8.0	2.8
24	21	88	92	95	144	81	107	20.0	40.0	80.0	4.5	28.0
25	22	89	95	94	140	97	98	16.0	36.0	81.0	2.3	35.0
26	25	91	113	88	133	91	99	0.5	66.0	84.0	3.2	36.0
27	27	95	111	89	126	90	81	0.4	65.0	86.0	3.0	41.0
28	30	101	101	91	119	96	75	1.1	62.0	86.0	7.1	27.0
29	31	100	104	88	117	84	73	3.6	58.0	86.0	77.0	24.0
30	36	100	107	96	.....	79	78	3.4	59.0	61.0	77.0	17.0
31	41	.....	107	105	.....	81	.....	2.5	.....	22.0	77.0	.....
Mean	24	82	96	103	101	93	103	50.2	37.2	62.0	34.7	47.0
Max.	41	101	113	152	148	121	150	143.0	86.0	92.0	81.0	84.0
Min.	12	40	81	84	74	76	73	0.4	0.3	8.4	1.2	1.5
A. F.	1500	4890	5910	6350	5820	5720	6100	3090.0	2220.0	3810.0	2130.0	2350.0
Total Acre-feet	50,390.											

BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	136	1130	187	103	91	2860	173	1900	173	60	37	30
2	69	383	180	118	99	2340	242	1060	125	48	23	44
3	69	540	164	151	91	3070	199	680	125	50	30	27
4	89	591	99	228	75	3480	175	614	156	52	28	32
5	147	300	196	85	95	2510	127	158	201	37	30	38
6	48	120	169	147	99	1830	110	354	1570	54	26	29
7	75	169	129	162	116	1620	182	292	610	58	29	31
8	123	151	52	138	147	2440	204	367	354	53	26	30
9	87	184	213	116	134	3980	171	2240	208	36	37	35
10	81	87	171	73	142	1900	169	877	240	36	35	169
11	89	71	123	189	160	984	242	515	196	81	30	112
12	116	134	171	140	160	742	101	341	134	29	30	37
13	123	114	125	151	164	487	142	362	213	39	28	29
14	99	147	151	182	182	487	142	230	118	31	34	30
15	223	151	127	171	182	377	138	315	280	30	28	39
16	199	175	164	156	182	273	149	278	171	28	46	33
17	147	89	164	134	182	276	173	232	145	28	37	54
18	192	89	123	126	194	320	142	423	167	25	30	95
19	140	75	149	114	242	341	95	333	167	26	29	116
20	187	87	129	118	273	285	235	235	129	23	26	206
21	110	182	123	150	283	328	160	223	101	27	26	46
22	101	110	134	148	302	252	140	125	97	36	23	33
23	69	173	162	116	341	276	140	147	91	75	26	39
24	73	169	153	149	7490	333	138	156	103	26	29	32
25	77	77	136	142	7880	225	184	131	101	30	30	34
26	118	103	110	120	4460	206	123	173	50	24	31	134
27	85	196	125	112	2400	278	252	182	29	27	69	29
28	83	218	171	99	2120	178	199	120	28	26	42	116
29	81	173	136	91	2550	199	910	93	75	42	34	261
30	189	187	138	79	.....	173	606	204	60	26	26	131
31	454	.....	167	91	.....	242	.....	125	.....	37	29	.....
Mean	125	212	146	132	1063	1074	205	435	207	39	32	69
Max.	454	1130	213	228	7880	3980	910	2240	1570	81	69	261
Min.	69	71	52	73	75	173	95	93	28	24	26	27
A. F.	7690	12640	9010	8130	61160	66030	12220	26750	12330	2390	1970	4110
Total Acre-feet	224,400.											

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 5-1-3 E.

Year Ending September 30, 1936												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	134	129	149	161	151	309	143	228	127	75	43	47
2	127	127	143	178	165	260	142	178	126	274	46	47
3	124	133	145	179	170	232	140	158	124	428	48	46
4	117	133	143	179	170	243	142	151	115	161	47	62
5	115	133	145	165	161	233	143	145	119	120	51	56
6	112	133	147	147	158	210	140	138	190	134	49	51
7	114	136	145	126	169	199	140	136	133	124	62	60
8	114	134	145	115	161	201	145	246	120	193	79	56
9	115	136	143	129	154	188	142	194	114	90	58	101
10	115	136	142	158	165	172	138	456	108	89	58	79
11	115	138	142	176	154	174	140	282	106	78	61	57
12	119	138	142	176	133	170	140	319	104	74	54	34
13	119	138	143	156	147	165	134	245	98	79	51	60
14	122	142	142	129	133	161	136	230	94	68	43	68
15	122	138	143	100	112	158	134	196	96	71	45	66
16	119	134	143	97	100	160	131	217	96	68	40	68
17	181	136	147	100	97	158	129	163	183	63	42	71
18	143	140	149	90	96	158	129	158	97	61	38	70
19	138	142	145	80	96	152	131	152	91	55	38	75
20	120	142	109	112	103	151	134	145	89	55	41	62
21	133	142	100	133	106	151	127	140	82	56	42	68
22	122	138	115	143	225	152	126	134	78	55	47	70
23	117	138	126	140	546	158	129	145	73	52	45	62
24	117	142	126	143	2240	147	131	145	75	51	48	64
25	119	140	75	147	2210	149	129	143	71	56	48	67
26	119	147	82	133	1360	149	143	151	67	45	48	89
27	127	167	97	94	1010	149	142	149	67	55	42	268
28	124	156	115	86	752	142	149	163	64	36	55	306
29	124	152	129	94	428	143	165	161	66	68	47	226
30	129	151	138	136	.....	147	149	136	68	54	36	179
31	140	.....	147	147	.....	138	.....	134	.....	45	45	.....
Mean	124	140	132	134	402	177	138	185	101	92	48	90
Max.	181	167	149	179	2240	309	165	456	183	428	79	306
Min.	112	127	75	80	96	138	126	134	64	36	36	46
A. F.	7650	8310	8140	8230	23150	10870	8220	11380	6030	5640	2970	5330
Total Acre-fee 105,900.												

BUFFALO CREEK—Sec. 33-9-18 W.

Year Ending September 30, 1936												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	*	*	*	*	*	4	35	43	7	22	0
2	4	15	40	5	21	0
3	4	20	35	4	0	0
4	4	24	32	3	0	0
5	4	36	44	2	22	0
6	4	29	43	2	29	0
7	4	20	30	2	32	0
8	4	28	30	1	24	0
9	4	47	33	0	22	0
10	4	66	64	0	17	0
11	4	80	120	0	2	0
12	4	79	44	0	0	0
13	4	63	46	0	0	0
14	4	59	65	0	0	0
15	4	51	61	0	0	0
16	4	44	45	0	0	0
17	3	48	27	0	0	0
18	3	53	15	0	0	0
19	3	51	13	0	0	0
20	3	55	27	0	0	0
21	3	50	18	0	0	0
22	8	50	11	0	0	0
23	7	62	10	0	0	0
24	5	125	20	0	0	0
25	6	125	27	0	0	0
26	5	61	19	0	0	0
27	4	41	13	0	0	0
28	*	5	56	9	0	0	0
29	17	33	7	0	0	0
30	*	*	*	*	*	35	25	7	0	0	0
31	*	36	.....	21	0	0
Mean	4	51	33	1	6	0
Max.	35	125	120	27	32	0
Min.	3	15	7	0	0	0
A. F.	*	*	*	*	*	*	339	3108	1980	93	378	0
Total Acre-feet 5898.												
*No Record.												

REPORT OF THE STATE ENGINEER

BULL DRAIN—Sec. 19-13-28 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	1	2	3	3	2	2	1	1	0
2	0	1	1	1	2	3	3	2	2	1	1	0
3	0	1	1	1	2	3	3	2	2	1	1	0
4	0	1	1	1	2	3	3	2	2	1	1	0
5	0	1	1	1	2	3	3	2	2	1	1	0
6	1	1	1	1	2	3	3	2	2	1	1	0
7	1	1	1	1	2	3	3	2	2	1	1	0
8	1	1	1	1	2	3	3	2	2	1	1	0
9	1	1	1	1	2	3	3	2	2	1	1	0
10	1	1	1	1	2	3	3	2	2	1	1	0
11	1	1	1	1	2	3	3	2	2	1	1	0
12	1	1	1	1	2	3	3	2	2	1	1	0
13	1	1	1	1	2	3	3	2	2	1	1	0
14	1	1	1	1	2	3	3	2	2	1	1	0
15	1	1	1	1	2	3	3	2	2	1	1	0
16	1	1	1	1	2	3	3	2	2	1	1	0
17	1	1	1	1	2	3	3	2	2	1	0	0
18	1	1	1	1	2	3	3	2	2	1	0	0
19	1	1	1	1	2	3	3	2	2	1	0	0
20	1	1	1	1	2	3	3	2	2	1	0	0
21	1	1	1	1	2	3	3	2	2	1	0	0
22	1	1	1	1	2	3	3	2	2	1	0	0
23	1	1	1	1	2	3	3	2	2	1	0	0
24	1	1	1	1	2	3	3	2	2	1	0	0
25	1	1	1	1	2	3	3	2	2	1	0	0
26	1	1	1	1	2	3	3	2	2	1	0	0
27	1	1	1	1	2	3	3	2	2	1	0	0
28	1	1	1	1	2	3	3	2	2	1	0	0
29	1	1	1	1	2	3	3	2	2	1	0	0
30	1	1	1	1	2	3	3	2	2	1	0	0
31	1	.....	1	1	.....	3	2	2	1	1	0	0
Mean	1	1	1	1	2	3	2	2	2	1	0	.....
Max.	1	1	1	1	2	3	3	2	2	1	1	0
Min.	0	1	1	1	2	3	3	2	2	1	0	0
A. F.	52	60	61	61	115	184	149	123	89	61	30	0
Total Acre-feet	985.											

CAMP CLARK SEEP—Sec. 9-20-51 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	5	4	4	2	2	2	3	3	2	5	6
2	6	5	4	4	2	2	2	3	3	2	5	6
3	6	5	4	4	2	2	2	3	3	2	5	6
4	6	5	4	4	2	2	2	3	3	2	5	6
5	6	5	4	4	2	2	2	3	3	2	5	6
6	6	5	4	4	2	2	2	3	3	2	5	6
7	6	5	4	4	2	2	2	3	3	2	4	7
8	6	5	4	4	2	2	2	3	3	2	4	7
9	6	5	4	4	2	2	2	3	3	2	4	7
10	6	5	4	4	2	2	2	3	3	2	4	7
11	6	5	4	4	2	2	2	3	3	2	4	7
12	6	5	4	4	2	2	2	3	3	2	4	7
13	6	5	4	4	2	2	2	3	3	2	4	7
14	6	5	4	4	2	2	2	3	3	2	4	7
15	6	5	4	4	2	2	2	3	3	2	4	7
16	6	5	4	3	2	2	2	3	3	2	4	7
17	6	5	4	3	2	2	2	3	3	2	5	7
18	6	5	4	3	2	2	2	3	3	2	5	7
19	6	5	4	3	2	2	2	3	3	2	5	7
20	6	5	4	3	2	2	2	3	3	2	5	7
21	5	4	4	3	2	2	2	3	3	2	5	7
22	5	4	4	3	2	2	2	3	3	2	5	7
23	5	4	4	3	2	2	2	3	3	2	4	7
24	5	4	4	3	2	2	2	3	3	2	6	7
25	5	4	4	3	2	2	2	3	3	2	7	7
26	5	4	4	3	2	2	2	3	3	2	8	7
27	5	4	4	3	2	2	2	3	3	2	8	7
28	5	4	4	3	2	2	2	3	3	2	8	7
29	5	4	4	3	2	2	2	3	3	2	7	7
30	5	4	4	3	.....	2	2	3	3	2	7	7
31	5	.....	4	3	.....	2	2	3	2	6	5	7
Mean	6	5	4	4	2	2	2	3	2	3	5	.....
Max.	6	5	4	4	2	2	2	3	3	3	8	7
Min.	5	4	4	3	2	2	2	3	2	2	4	6
A. F.	347	277	246	214	115	123	119	184	139	218	288	407
Total Acre-feet	2677.											

CEDAR BRANCH CREEK—Sec. 17-14-35 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	2	2	3	5	4	1	2	2	1	1
2	2	2	2	2	3	5	4	1	2	2	1	1
3	2	2	2	2	3	5	4	1	2	2	1	1
4	2	2	2	2	3	5	4	1	2	2	1	1
5	2	2	2	2	3	5	4	1	2	2	1	1
6	2	2	2	3	3	5	4	1	2	2	1	1
7	2	2	2	3	3	5	4	1	2	2	1	1
8	2	2	2	3	3	5	4	1	2	2	1	1
9	2	2	2	3	3	5	4	1	2	2	1	1
10	2	2	2	3	3	5	4	1	2	2	1	1
11	2	2	2	3	3	5	3	1	2	2	1	1
12	2	2	2	3	3	5	3	1	2	2	1	1
13	2	2	2	3	3	5	3	1	2	2	1	1
14	2	2	2	3	3	5	3	1	2	2	1	1
15	2	2	2	3	3	5	3	1	2	2	1	1
16	2	2	1	3	3	5	3	1	2	2	1	1
17	2	2	1	3	3	5	3	1	2	2	1	1
18	2	2	1	3	3	5	3	1	2	2	1	1
19	2	2	1	3	3	5	3	1	2	2	1	1
20	2	2	1	3	3	5	3	1	2	2	1	1
21	2	2	1	3	3	5	2	1	2	2	1	1
22	2	2	1	3	3	5	2	1	2	2	1	1
23	2	2	1	3	3	5	2	1	2	2	1	1
24	2	2	1	3	3	5	2	1	2	2	1	1
25	2	2	1	3	3	5	2	1	2	2	1	1
26	2	2	1	3	3	5	2	1	2	2	1	1
27	2	2	1	3	3	5	2	1	2	2	1	1
28	2	2	1	3	3	5	2	1	2	2	1	1
29	2	2	1	3	3	5	2	1	2	2	1	1
30	2	2	1	3	.....	5	2	1	2	2	1	1
31	2	.....	1	3	.....	5	.....	1	.....	2	1	.....
Mean	2	2	2	2	3	5	3	1	2	2	1	1
Max.	2	2	2	3	3	5	4	1	2	2	1	1
Min.	2	2	1	2	3	5	2	1	2	2	1	1
A. F.	123	119	91	145	173	307	179	61	119	123	61	60
Total Acre-feet	1561.											

CEDAR CREEK—Sec. 11-18-48 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18	10	13	16	20	15	14	12	3	2	2	2
2	18	10	13	16	20	15	14	10	2	2	2	2
3	18	10	13	16	20	15	14	12	2	2	2	2
4	18	10	13	16	20	15	14	4	2	2	2	2
5	18	10	13	16	20	15	14	3	2	2	2	2
6	16	12	13	16	21	15	14	6	3	2	2	2
7	16	12	13	16	21	15	14	11	3	2	2	2
8	16	12	13	16	21	15	14	6	2	2	2	2
9	16	12	13	16	21	15	14	7	18	2	2	2
10	16	12	13	16	21	15	14	14	19	2	2	2
11	10	12	14	17	20	14	14	15	17	6	2	2
12	10	12	14	17	20	14	14	12	18	6	2	2
13	10	12	14	17	20	14	14	3	17	7	2	2
14	10	12	14	17	20	14	13	3	18	7	2	2
15	10	12	14	17	20	14	13	2	12	7	2	2
16	5	14	14	17	18	14	14	3	2	5	2	2
17	5	15	14	17	18	14	14	3	2	2	2	2
18	5	16	14	17	18	14	13	2	2	2	2	2
19	5	17	14	17	18	14	13	3	2	2	2	2
20	5	18	14	17	18	14	14	3	2	2	2	2
21	5	18	15	18	16	14	13	2	2	2	2	2
22	5	18	15	18	16	14	13	3	0	2	2	2
23	5	18	15	18	16	14	14	3	2	2	2	2
24	5	18	15	18	16	14	14	3	1	2	2	2
25	5	18	15	18	16	14	14	3	1	2	2	2
26	5	16	15	18	16	14	14	3	1	2	2	2
27	5	16	15	18	16	14	13	2	1	2	2	13
28	5	16	15	18	16	14	13	3	1	7	2	3
29	5	16	15	18	16	14	13	3	1	6	2	2
30	5	16	15	18	.....	14	13	2	1	7	2	2
31	5	.....	15	18	.....	14	.....	3	.....	2	2	.....
Mean	10	14	14	17	19	14	14	5	6	3	2	2
Max.	18	18	15	18	21	15	14	15	19	7	2	13
Min.	5	10	13	16	16	14	13	2	1	2	2	2
A. F.	595	833	863	1047	1069	881	813	325	333	202	123	143
Total Acre-feet	7228.											

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CLEAR CREEK—Sec. 32-16-41 W.

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	7	7	9	15	14	9	7	0	26	3	5
2	7	7	7	9	15	14	9	7	0	25	3	5
3	8	7	7	9	15	14	9	8	0	4	3	5
4	10	7	7	9	15	14	9	7	0	4	3	9
5	10	7	7	9	15	14	9	7	1	3	3	9
6	7	7	7	11	20	12	9	7	2	3	4	6
7	7	7	7	11	20	12	9	6	3	2	4	2
8	7	7	7	11	20	12	9	8	4	3	6	2
9	7	7	7	11	20	12	9	6	5	2	6	2
10	7	7	7	11	20	12	9	6	14	2	8	9
11	4	7	6	11	24	10	9	33	18	2	8	9
12	4	7	6	11	24	10	9	30	22	3	7	9
13	4	7	6	11	24	10	9	31	25	3	3	8
14	3	7	6	11	24	10	9	30	25	3	3	6
15	3	7	6	11	24	10	9	32	15	3	3	4
16	3	8	6	11	20	8	9	30	0	3	3	2
17	3	8	6	11	20	8	9	16	0	3	3	2
18	3	8	6	11	20	8	9	12	0	3	3	2
19	3	8	6	11	20	8	9	8	0	3	3	2
20	3	8	6	11	20	8	9	3	0	2	3	2
21	5	8	7	11	18	6	3	8	0	2	3	2
22	5	8	7	11	18	6	1	8	0	2	3	2
23	5	8	7	11	18	6	1	9	0	2	3	2
24	5	8	7	11	18	6	0	9	0	2	3	2
25	5	8	7	11	18	6	10	8	0	2	3	2
26	7	8	8	11	16	8	8	7	10	2	4	3
27	7	8	8	11	16	8	11	4	20	2	4	3
28	7	8	8	11	16	8	8	1	25	2	4	3
29	7	8	8	11	16	8	7	0	25	2	4	3
30	7	8	8	11	-----	8	7	0	26	3	4	3
31	7	-----	8	11	-----	8	-----	0	-----	3	4	-----
Mean	6	7	7	10	19	9	7	11	8	4	4	4
Max.	10	8	8	11	24	14	11	33	26	26	8	9
Min.	3	7	6	9	15	6	0	0	0	2	3	2
A. F.	349	466	422	657	1090	575	468	690	476	250	240	248
Total Acre-feet 5931.												

CLEVELAND DRAIN—Sec. 6-20-52 W.

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	1	1	1	0	0	1	1	8	2	0	2
2	10	1	1	1	0	0	1	0	4	1	0	3
3	9	1	1	1	0	0	1	0	5	1	0	5
4	9	1	1	1	0	0	1	0	8	1	0	2
5	8	1	1	1	0	0	1	0	16	2	0	2
6	8	1	1	1	0	0	2	0	8	1	1	7
7	8	1	1	1	0	0	2	0	7	1	1	8
8	8	1	1	1	0	0	2	0	6	4	1	5
9	8	1	1	1	0	0	2	3	6	3	0	6
10	8	1	1	1	0	0	2	2	2	4	0	7
11	7	1	1	1	0	0	2	2	2	2	1	8
12	7	1	1	1	0	0	2	2	2	2	0	8
13	7	1	1	1	0	0	2	6	4	2	0	12
14	7	1	1	1	0	0	2	4	2	0	0	11
15	7	1	1	1	0	0	1	7	0	0	1	11
16	4	1	1	1	0	0	1	2	0	0	1	11
17	1	1	1	1	0	0	1	0	3	2	1	14
18	1	1	1	1	0	0	1	6	2	0	1	8
19	2	1	1	1	0	0	1	4	5	0	2	9
20	2	1	1	1	0	0	1	1	4	0	1	9
21	2	1	1	1	0	0	1	0	0	0	3	6
22	2	1	1	0	0	0	1	0	1	6	0	4
23	2	1	1	0	0	0	1	0	1	3	1	2
24	2	1	1	0	0	0	1	0	1	0	1	7
25	2	1	1	0	0	0	1	0	2	1	0	7
26	1	1	1	0	0	0	1	1	4	1	0	6
27	1	1	1	0	0	0	1	1	3	3	0	8
28	1	1	1	0	0	0	1	1	4	5	0	6
29	1	1	1	0	0	0	1	0	4	1	0	4
30	1	1	1	0	0	0	1	1	3	2	1	1
31	1	-----	1	0	-----	1	-----	4	-----	2	4	-----
Mean	5	1	1	1	0	0.3	1	2	4	1	2	7
Max.	10	1	1	1	0	1.0	2	7	16	7	8	14
Min.	1	1	1	0	0	0.0	0	0	0	0	0	2
A. F.	292	59	60	40	0	22.0	65	135	230	75	125	417
Total Acre-feet 1520.												

COLD WATER CREEK—Sec. 31-18-46 W.

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.1	0.1	0.1	0.1	0.1	2	0	0	1	2	2	2
2	0.1	0.1	0.1	0.1	0.1	2	0	0	1	2	2	2
3	0.1	0.1	0.1	0.1	0.1	2	0	0	2	2	2	2
4	0.1	0.1	0.1	0.1	0.1	2	0	0	2	2	2	2
5	0.1	0.1	0.1	0.1	0.1	2	0	0	1	2	0	2
6	0.1	0.1	0.1	0.1	0.1	2	0	0	1	2	0	2
7	0.1	0.1	0.1	0.1	0.1	2	0	0	0	2	0	0
8	0.1	0.1	0.1	0.1	0.1	2	0	0	0	2	0	0
9	0.1	0.1	0.1	0.1	0.1	2	0	0	0	0	0	0
10	0.1	0.1	0.1	0.1	0.1	2	0	0	0	0	0	0
11	0.1	0.1	0.1	0.1	0.1	0	0	0	0	2	2	3
12	0.1	0.1	0.1	0.1	0.1	0	0	0	0	2	2	2
13	0.1	0.1	0.1	0.1	0.1	0	0	0	0	2	2	2
14	0.1	0.1	0.1	0.1	0.1	0	1	0	2	2	2	2
15	0.1	0.1	0.1	0.1	0.1	0	1	0	0	2	2	2
16	0.1	0.1	0.1	0.1	0.1	0	1	0	0	2	2	2
17	0.1	0.1	0.1	0.1	0.1	0	1	0	0	2	2	2
18	0.1	0.1	0.1	0.1	0.1	0	5	0	0	2	2	2
19	0.1	0.1	0.1	0.1	0.1	0	4	0	0	2	2	2
20	0.1	0.1	0.1	0.1	0.1	0	3	0	0	2	2	2
21	0.1	0.1	0.1	0.1	0.1	0	3	0	0	0	0	0
22	0.1	0.1	0.1	0.1	0.1	0	1	0	0	0	0	0
23	0.1	0.1	0.1	0.1	0.1	0	1	0	0	0	0	0
24	0.1	0.1	0.1	0.1	0.1	0	1	0	0	1	0	4
25	0.1	0.1	0.1	0.1	0.1	0	1	0	0	1	0	4
26	0.1	0.1	0.1	0.1	0.1	0	0	0	0	2	0	4
27	0.1	0.1	0.1	0.1	0.1	0	0	0	0	2	0	4
28	0.1	0.1	0.1	0.1	0.1	0	0	0	0	2	0	0
29	0.1	0.1	0.1	0.1	0.1	0	0	0	2	2	0	1
30	0.1	0.1	0.1	0.1	0.1	0	0	0	2	2	0	1
31	0.1	.....	0.1	0.1	.....	0	.....	0	.....	2	2	.....
Mean	0.1	0.1	0.1	0.1	0.1	0.1	1	0	1	2	1	2
Max.	0.1	0.1	0.1	0.1	0.1	2	5	0	2	2	2	4
Min.	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0
A. F.	6.0	6.0	6.0	6.0	6.0	40	46	0	28	99	60	101
Total Acre-feet 404.												

DAWSON COUNTY DRAIN—Sec. 25-10-23 W.

Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	4	4	3	2	1	1	8	7	5	4	2
2	3	4	4	3	2	1	1	8	7	5	4	2
3	3	4	4	3	2	1	1	9	7	4	4	2
4	3	4	4	3	2	1	1	9	7	4	4	2
5	3	4	4	3	2	1	1	10	7	4	4	2
6	3	4	4	3	2	2	1	10	7	4	4	0
7	3	4	4	3	2	2	1	9	7	4	4	0
8	3	4	4	3	2	2	1	9	7	3	4	0
9	3	4	4	3	2	2	1	11	11	3	4	0
10	3	4	4	3	2	2	1	10	7	3	4	0
11	3	5	4	3	2	2	1	9	7	3	4	0
12	3	5	4	3	2	2	1	7	7	3	3	0
13	3	5	4	3	2	2	1	7	7	3	3	0
14	3	5	4	3	2	2	1	7	7	2	4	0
15	3	5	4	3	2	2	1	7	6	2	3	0
16	3	5	3	2	1	2	1	7	6	2	2	0
17	3	5	3	2	1	2	1	7	6	3	2	0
18	3	5	3	2	1	2	1	7	6	3	2	0
19	3	5	2	2	1	2	1	7	6	3	2	0
20	3	5	2	2	1	2	1	7	6	3	2	0
21	3	4	1	2	1	2	1	7	6	3	2	0
22	3	4	1	2	1	2	1	22	6	3	2	0
23	3	4	1	2	1	2	1	15	6	3	2	0
24	3	4	1	2	1	2	1	10	6	3	2	0
25	3	4	1	2	1	2	1	8	6	3	3	0
26	3	4	2	2	1	2	1	8	6	3	2	0
27	3	4	2	2	1	2	1	7	5	3	4	0
28	3	4	2	2	1	2	1	7	5	3	2	0
29	3	4	2	2	1	2	1	7	5	3	2	0
30	3	4	2	2	.....	2	1	7	5	3	2	0
31	3	.....	2	2	.....	2	.....	7	.....	4	3	.....
Mean	3	4	3	2	2	2	1	9	6	3	3	0.3
Max.	3	5	4	3	2	2	1	22	11	5	4	2.0
Min.	3	4	1	2	1	1	1	7	5	2	2	0.0
A. F.	184	258	179	153	87	113	60	536	385	198	184	20.0
Total Acre-feet 2357.												

REPORT OF THE STATE ENGINEER

DAWSON COUNTY WASTE TO BUFFALO CREEK—Sec. 1-20-22 W.

Date	Year Ending September 30, 1936								June	July	Aug.	Sept.	
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May					
1	*	*	*	*	*	*	*	0	1	1	0	1	0
2	0	1	1	0	2	0
3	0	1	1	0	2	0
4	0	1	1	0	3	0
5	0	0	1	0	3	0
6	0	0	1	0	3	0
7	0	0	1	0	2	0
8	0	1	1	0	2	0
9	0	1	1	0	2	0
10	0	1	1	0	2	0
11	0	1	1	0	2	0
12	0	1	4	0	2	0
13	0	1	1	0	2	0
14	0	1	1	0	2	0
15	0	1	1	0	2	0
16	0	1	0	0	1	0
17	0	1	2	2	1	0
18	0	1	1	2	0	0
19	0	1	0	2	0	0
20	1	1	0	2	0	0
21	0	1	0	2	0	0
22	0	1	0	2	0	0
23	1	4	0	2	0	0
24	1	1	0	1	0	0
25	1	1	0	1	1	0
26	2	1	0	2	2	0
27	1	1	0	2	2	0
28	1	1	0	2	2	0
29	*	1	1	0	2	2	0
30	*	1	1	0	2	2	0
31	*	*	*	*	1	.....	.....	4	1	.....
Mean	0.3	1	0.7	0.9	1.5	0
Max.	2.0	4	4.0	4.0	3.0	0
Min.	0.0	0	0.0	0.0	0.0	0
A. F.	*	*	*	*	*	*	*	20.0	60	42.0	60.0	91.0	0

Total Acre-feet 273.

*No Record.

DAWSON COUNTY WASTE INTO ELM CREEK—Sec. 13-9-19 W.

Date	Year Ending September 30, 1936								June	July	Aug.	Sept.	
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May					
1	*	*	*	*	*	*	*	0	7	0	0	0	0
2	0	8	0	0	0	0
3	0	8	0	0	0	0
4	0	8	0	0	0	0
5	0	9	0	0	0	0
6	0	0	0	0	0	0
7	0	6	0	0	0	0
8	0	8	0	0	0	0
9	0	8	0	0	0	0
10	0	19	0	0	0	0
11	0	2	0	0	0	0
12	0	9	0	0	0	0
13	18	9	0	0	0	0
14	12	9	0	0	0	0
15	5	4	0	0	0	0
16	6	0	0	0	0	0
17	7	0	0	0	0	0
18	2	9	0	0	0	0
19	6	8	0	0	0	0
20	6	3	0	0	0	0
21	6	0	0	0	0	0
22	7	2	0	0	0	0
23	8	6	0	0	0	0
24	9	2	0	0	0	0
25	7	0	0	0	0	0
26	6	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	*	0	0	0	0	0	0
30	*	6	0	0	0	0	0
31	*	*	*	*	7	0	0	0	0	0
Mean	7	.....	.....	0	0	.....
Max.	4	4	0	0	0	0
Min.	18	19	0	0	0	0
A. F.	*	*	*	*	*	*	*	0	0	0	0	0	0
A. F.	*	*	*	*	*	*	*	236	270	0	0	0	0

Total Acre-feet 506.

*No Record.

DAWSON COUNTY WASTE INTO FRENCH CREEK—Sec. 1-10-22 W.

Date	Year Ending September 30, 1936							May	June	July	Aug.	Sept.
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.					
1								0	0	0	0	0
2								10	7	0	0	0
3								0	9	0	0	0
4								0	4	0	0	0
5								0	0	0	0	0
6								0	0	0	0	0
7								0	0	0	0	0
8								8	12	0	0	0
9								3	8	0	0	0
10								9	0	0	0	0
11								0	3	0	0	0
12								2	22	0	0	0
13								0	8	0	0	0
14								0	0	0	0	0
15								0	9	0	0	0
16								0	3	0	0	0
17								0	7	16	0	0
18								0	4	3	0	0
19								0	0	0	0	0
20								0	3	0	0	0
21								0	0	0	0	0
22								0	38	0	0	0
23								0	8	0	0	0
24								0	0	0	0	0
25								0	10	0	0	0
26								37	25	0	0	0
27								38	0	0	0	0
28								20	23	0	0	0
29								0	1	0	0	0
30		*						0	20	0	0	0
31	*		*	*		*		14		0	0	
Mean								3	6	3	0	0
Max.								38	38	22	0	0
Min.								0	0	0	0	0
A. F.	*	*	*	*	*	*	*	188	391	182	0	0

Total Acre-feet 573.

*No Record.

DAWSON COUNTY WASTE TO STREVER CREEK—Sec. 5-10-22 W.

Sutherland Reservoir Storage for Kearney and Elm Creek Canals

Year Ending September 30, 1936

Date	Year Ending September 30, 1936							May	June	July	Aug.	Sept.
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.					
1										0	81	0
2											81	0
3											82	0
4											75	0
5											84	0
6											62	0
7											50	0
8											42	0
9											33	0
10											18	0
11											5	0
12											0	0
13											0	0
14											0	0
15											0	0
16											0	0
17											10	0
18											29	0
19											40	0
20											19	0
21											20	0
22											10	0
23											9	0
24											20	0
25											45	0
26											60	0
27											72	0
28											71	0
29											75	0
30										*	82	0
31	*		*	*		*		*		*	81	0
Mean											21	19
Max.											82	82
Min.											0	0
A. F.	*	*	*	*	*	*	*	*	*	*	1275	1176

Total Acre-feet 2451.

*No Record.

ELKHORN RIVER AT NELIGH—Sec. 20-25-6 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	83	114	173	151	106	275	343	223	394	78	32	37
2	85	112	171	149	106	285	354	230	366	75	30	39
3	83	116	169	147	104	316	346	234	327	72	27	38
4	84	120	165	141	100	338	340	228	285	67	27	43
5	88	128	159	130	96	388	329	225	261	62	30	51
6	91	138	155	124	98	472	332	230	270	60	33	54
7	93	147	153	120	100	506	340	239	288	54	43	53
8	97	149	157	124	102	525	354	251	301	50	47	51
9	100	149	165	127	104	506	377	268	288	47	47	49
10	103	149	189	130	106	478	408	303	275	43	39	49
11	104	149	187	143	104	455	405	466	261	40	32	50
12	106	138	183	149	102	422	394	581	242	40	28	57
13	108	127	177	149	102	399	368	629	219	43	26	59
14	109	114	173	140	100	371	340	595	181	46	27	57
15	111	110	179	134	98	354	309	539	155	43	29	165
16	114	124	175	130	100	340	273	458	141	41	27	104
17	110	141	167	117	102	327	232	377	127	39	27	83
18	108	155	163	113	110	311	217	324	117	37	26	76
19	110	161	153	108	108	285	208	280	108	35	25	72
20	112	161	149	106	120	266	210	239	100	35	28	68
21	116	159	153	108	130	249	210	225	101	35	39	66
22	114	163	155	106	145	244	212	230	103	35	53	63
23	112	161	153	104	160	239	206	238	99	34	49	62
24	113	153	153	102	180	237	210	261	96	32	43	60
25	117	151	157	100	200	242	212	357	97	33	40	62
26	120	145	157	100	219	261	217	455	93	34	36	62
27	119	147	153	100	232	242	212	545	90	35	35	66
28	119	155	151	102	242	288	204	581	85	36	42	72
29	114	165	149	104	251	298	208	550	81	38	43	74
30	116	171	153	106	.....	311	217	483	81	35	40	74
31	117	.....	151	104	.....	324	.....	430	.....	35	40	.....
Mean	106	142	163	122	132	340	286	364	188	45	35	64
Max.	120	171	189	151	251	525	408	629	394	78	53	165
Min.	83	116	149	100	96	237	204	223	81	32	25	37
A. F.	6500	8470	10010	7470	7590	20930	17030	22360	11170	2760	2160	3800
Total Acre-feet	120,200.											

ELKHORN RIVER AT WATERLOO—Sec. 10-15-10 E.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	202	347	430	290	278	630	806	616	667	301	98	124
2	207	344	451	285	278	650	770	635	784	291	94	262
3	207	353	430	265	270	720	770	654	777	281	94	504
4	207	353	395	254	244	780	806	654	968	262	96	928
5	209	337	399	242	224	850	835	654	842	250	102	1580
6	213	328	411	231	242	1020	798	629	858	238	100	2050
7	218	328	435	233	234	1510	755	622	755	229	102	1220
8	227	353	473	242	235	2560	777	629	661	218	102	1300
9	231	360	439	263	238	4600	806	667	728	210	100	1850
10	238	357	422	304	242	5740	843	694	960	198	100	1220
11	244	353	395	296	247	5350	850	1350	728	187	98	960
12	254	350	395	288	254	3300	850	968	622	182	92	640
13	265	340	403	290	260	2470	858	912	570	176	92	450
14	268	344	418	285	238	1920	858	820	558	168	90	550
15	270	350	435	275	240	1520	843	784	536	163	94	520
16	278	353	435	265	254	1370	806	798	509	163	94	470
17	315	347	411	258	260	1280	762	835	489	153	88	510
18	304	357	399	256	262	1220	721	888	459	145	80	350
19	301	374	384	244	268	1100	674	798	431	140	78	320
20	298	370	321	244	278	1080	635	748	417	134	84	350
21	312	370	326	263	293	1030	604	694	408	134	232	553
22	337	374	330	254	304	984	581	642	387	134	904	395
23	328	381	334	249	321	960	575	599	387	132	1430	294
24	321	377	270	244	330	952	564	858	379	119	721	256
25	324	384	242	265	334	976	558	734	358	114	297	232
26	328	395	242	254	350	1010	553	604	347	112	210	238
27	337	414	249	270	375	928	553	593	343	110	168	235
28	340	422	265	285	410	888	553	593	336	110	176	226
29	344	418	278	290	520	912	570	616	318	107	155	226
30	347	418	290	288	.....	888	599	581	321	110	179	232
31	360	.....	293	280	.....	828	.....	610	.....	105	147	.....
Mean	279	365	368	266	286	1614	718	725	563	173	210	635
Max.	360	422	473	304	520	5740	858	1350	968	301	1430	2050
Min.	202	328	242	231	224	630	553	581	318	105	78	124
A. F.	17130	21720	22610	16370	16430	99230	42710	44590	33530	10660	12890	37780
Total Acre-feet	375,600.											

REPORT OF THE STATE ENGINEER

ELM CREEK—Sec. 33-9-18 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	2	0	0	0	0	0	0	7	0	0	0
2	7	2	0	0	0	0	0	0	74	0	0	0
3	7	2	0	0	0	0	0	0	30	0	0	0
4	7	2	0	0	0	0	0	0	19	0	0	0
5	7	2	0	0	0	0	0	0	18	0	0	0
6	7	2	0	0	0	0	0	0	7	0	0	0
7	7	2	0	0	0	0	0	0	0	0	0	0
8	7	2	0	0	0	0	0	0	30	8	0	0
9	7	2	0	0	0	0	0	0	40	80	0	0
10	7	2	0	0	0	0	0	0	51	65	0	0
11	5	1	0	0	0	0	0	0	25	8	0	0
12	5	1	0	0	0	0	0	0	10	17	0	0
13	5	1	0	0	0	0	0	0	4	16	0	0
14	5	1	0	0	0	0	0	0	0	14	0	0
15	5	1	0	0	0	0	0	0	0	8	0	0
16	5	1	0	0	0	0	0	0	8	0	0	0
17	5	1	0	0	0	0	0	0	8	0	0	0
18	5	1	0	0	0	0	0	0	1	0	0	0
19	5	1	0	0	0	0	0	0	6	14	0	0
20	5	1	0	0	0	0	0	0	6	7	0	0
21	3	1	0	0	0	0	0	0	14	0	0	0
22	3	1	0	0	0	0	0	0	14	0	0	0
23	3	1	0	0	0	0	0	0	28	0	0	0
24	3	1	0	0	0	0	0	0	17	0	0	0
25	3	1	0	0	0	0	0	0	12	3	0	0
26	3	1	0	0	0	0	0	0	6	0	0	0
27	3	1	0	0	0	0	0	0	0	0	0	0
28	3	1	0	0	0	0	0	0	0	0	0	0
29	3	1	0	0	0	0	0	0	0	0	0	0
30	3	1	0	0	0	0	0	0	8	0	0	0
31	3	-----	0	0	-----	0	-----	9	-----	0	0	-----
Mean	5	1	0	0	0	0	0	10	13	0	0	0
Max.	7	2	0	0	0	0	0	51	80	0	0	0
Min.	3	1	0	0	0	0	0	0	0	0	0	0
A. F.	303	79	0	0	0	0	0	589	783	0	0	0
Total Acre-feet	1754.											

FAIRFIELD SEEP—Sec. 18-21-53 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1.0	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
2	1.0	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
3	1.0	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
4	1.0	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
5	1.0	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
6	0.5	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
7	0.5	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
8	0.5	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
9	0.5	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
10	0.5	0.1	-----	-----	0.2	0.5	0	1	1	1	2	1
11	0.5	0.1	-----	-----	0.2	0.5	0	0	1	1	1	1
12	0.5	0.1	-----	-----	0.2	0.5	0	0	1	1	1	1
13	0.5	0.1	-----	-----	0.2	0.5	0	0	1	1	1	1
14	0.5	0.1	-----	-----	0.2	0.5	0	0	1	1	1	1
15	0.5	0.1	-----	-----	0.2	0.5	0	0	1	1	1	1
16	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
17	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
18	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
19	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
20	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
21	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
22	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
23	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
24	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
25	0.3	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
26	0.2	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
27	0.2	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
28	0.2	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
29	0.2	0.1	-----	-----	0.2	0.5	1	0	1	1	1	1
30	0.2	0.1	-----	-----	-----	0.5	1	0	1	1	1	1
31	0.2	-----	-----	-----	-----	0.5	-----	0	-----	1	1	-----
Mean	0.5	0.1	-----	-----	0.2	0.5	1	0.3	1	1	2	1
Max.	1.0	0.1	-----	-----	0.2	0.5	1	1.0	1	1	2	1
Min.	0.2	0.1	-----	-----	0.2	0.5	0	0.0	1	1	1	1
A. F.	28.0	6.0	-----	-----	12.0	32.0	30	20.0	60	62	101	60
Total Acre-feet	411.											

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	45	44	33	42	53	36	38	27	38	33	41	28
2	50	50	43	40	51	47	48	38	38	39	29	34
3	47	44	49	38	53	38	55	33	34	36	31	42
4	46	46	40	38	56	46	57	40	34	30	32	43
5	47	45	33	40	58	41	41	43	48	35	32	43
6	28	50	38	44	54	40	43	44	55	41	35	32
7	38	48	40	46	56	39	48	35	38	38	28	42
8	33	46	51	49	57	38	33	44	49	32	34	37
9	31	52	51	53	58	46	43	60	37	32	28	30
10	38	44	50	52	58	44	61	81	31	34	38	40
11	38	38	52	54	55	39	39	78	41	36	26	38
12	34	46	54	64	57	36	32	11	34	34	20	39
13	27	40	52	71	50	47	40	38	31	44	23	39
14	38	30	46	64	56	38	39	38	28	41	21	45
15	35	37	48	58	51	38	41	33	32	45	26	39
16	36	39	48	56	53	46	39	21	32	44	16	40
17	35	38	34	65	52	50	36	22	29	39	43	41
18	36	48	48	56	56	35	39	38	28	41	42	40
19	32	38	40	56	51	43	56	29	28	35	40	40
20	43	31	37	60	48	43	32	46	32	48	43	40
21	48	48	38	61	54	40	31	48	27	38	52	49
22	45	63	51	60	52	41	32	35	36	47	51	41
23	42	51	40	61	53	50	32	36	31	40	45	37
24	44	31	40	60	61	45	32	33	41	33	46	48
25	38	34	42	60	57	38	32	51	44	34	35	44
26	51	38	40	57	57	43	26	37	43	39	35	53
27	34	40	42	65	54	65	22	36	39	48	30	30
28	44	38	40	60	45	48	33	26	34	48	21	36
29	30	46	48	55	42	33	34	42	41	51	24	38
30	43	40	42	60	.....	43	35	34	40	53	23	36
31	35	.....	41	58	.....	45	.....	37	.....	49	30	.....
Mean	39	43	44	55	54	43	39	39	36	40	33	40
Max.	51	63	54	71	61	65	61	81	55	53	52	53
Min.	27	30	33	38	42	33	22	11	27	30	16	28
A. F.	2400	2550	2680	3330	3090	2620	2320	2410	2160	2450	2020	2350
Total Acre-feet	30,430.											

FRENCHMAN RIVER NEAR HAMLET—Sec. 19-5-34 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	82	88	108	106	128	134	119	100	124	78	89	68
2	85	96	106	104	111	126	111	105	118	77	86	68
3	84	97	108	101	111	126	129	109	108	71	86	65
4	84	90	105	101	114	111	132	139	99	76	81	77
5	78	94	109	104	116	120	133	141	112	66	71	72
6	78	97	108	104	110	115	129	100	124	71	81	81
7	84	95	105	90	112	118	127	97	114	64	76	89
8	88	95	107	80	114	118	128	125	120	65	75	78
9	88	98	107	109	116	112	132	139	112	60	78	87
10	84	94	106	120	116	118	136	125	98	62	71	87
11	80	94	109	123	108	108	132	126	110	60	73	84
12	81	97	110	115	114	119	129	133	102	55	64	86
13	81	96	108	112	100	119	128	140	92	56	64	87
14	77	101	103	112	112	110	123	111	84	68	64	84
15	79	108	105	120	102	120	119	105	90	56	58	81
16	83	112	105	122	106	108	123	111	90	60	59	86
17	83	108	104	120	104	120	112	102	86	58	56	91
18	84	125	104	103	112	113	120	85	84	60	63	89
19	85	107	105	87	102	124	116	90	84	59	54	88
20	88	105	108	109	96	119	116	91	88	60	62	94
21	91	115	104	134	108	110	119	92	80	62	72	94
22	95	160	104	135	122	124	124	158	75	58	77	92
23	94	122	101	135	124	120	107	438	76	64	81	88
24	97	104	102	131	136	126	110	223	69	55	82	94
25	96	106	104	129	168	117	104	124	70	58	79	93
26	96	108	100	128	160	132	114	92	77	62	80	99
27	97	113	103	128	156	132	108	101	77	60	84	63
28	88	116	107	127	150	131	120	244	79	53	80	75
29	92	114	116	118	154	133	100	188	75	62	77	77
30	96	111	107	114	.....	131	104	137	84	84	76	72
31	98	.....	103	132	.....	128	.....	132	.....	93	68	.....
Mean	87	106	106	115	120	121	120	136	93	64	73	83
Max.	98	160	116	135	168	134	136	438	124	93	39	99
Min.	77	88	100	80	96	108	100	85	69	53	54	65
A. F.	5350	6280	6510	7050	6910	7420	7150	8340	5560	3950	4500	4950
Total Acre-feet	73,970.											

DEPARTMENT OF ROADS AND IRRIGATION

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	87	69	160	158	200	279	171	67	202	14	25	22
2	90	68	158	158	183	275	169	67	195	19	27	22
3	83	66	160	157	183	289	169	55	181	19	26	27
4	77	69	160	156	183	231	168	55	181	20	27	25
5	76	76	162	156	174	214	168	55	215	24	28	24
6	74	82	162	154	174	205	174	147	293	20	29	23
7	70	95	162	158	174	197	180	120	234	31	29	22
8	72	103	161	136	174	202	174	124	180	31	24	25
9	74	112	160	134	174	188	181	160	174	28	19	24
10	62	122	160	139	174	192	190	193	181	31	16	25
11	65	120	160	144	174	197	188	169	178	27	12	26
12	69	122	159	160	174	180	183	164	174	28	10	27
13	72	124	159	160	174	180	169	161	168	28	7	26
14	72	130	160	156	174	180	178	158	182	28	7	26
15	70	138	160	156	174	171	176	142	116	28	26	29
16	66	142	160	156	174	163	131	145	99	27	27	28
17	66	144	158	153	174	171	118	137	48	27	28	30
18	66	160	156	153	174	171	110	137	48	27	26	31
19	62	152	156	153	174	171	108	113	48	27	27	30
20	66	154	158	155	174	171	105	105	48	28	28	31
21	68	180	160	156	174	171	99	99	48	28	29	32
22	67	210	158	169	174	171	88	99	48	28	39	31
23	65	188	156	181	174	171	83	99	20	26	19	32
24	66	150	150	193	174	171	86	342	18	27	8	31
25	65	152	146	192	174	171	84	302	15	26	11	31
26	63	152	150	186	174	171	83	222	15	27	7	33
27	70	158	152	183	195	171	83	176	18	26	9	33
28	66	160	154	192	210	171	82	163	20	27	19	33
29	63	162	158	192	231	188	74	424	19	29	26	33
30	64	160	160	192	.....	180	73	210	20	34	27	31
31	69	.....	160	197	.....	171	.....	239	.....	27	19	.....
Mean	70	131	158	164	180	190	135	156	111	26	21	28
Max.	90	210	162	197	231	279	190	424	293	34	39	33
Min.	62	66	146	134	174	163	73	55	15	14	7	22
A. F.	4290	7780	9710	10090	10340	11670	8020	9620	6620	1620	1810	1670
Total Acre-feet	82,740.											

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	26	37	27	24	20	20	23	27	260	27	22	20
2	25	36	28	24	20	22	18	31	91	29	28	19
3	25	36	28	23	22	23	17	23	91	22	36	23
4	25	61	28	24	20	23	19	22	115	26	31	23
5	25	56	28	25	20	21	22	23	144	28	32	17
6	25	52	28	25	19	22	22	22	58	26	31	25
7	25	46	28	22	20	22	20	23	25	22	28	18
8	25	27	28	22	17	22	20	44	25	20	28	26
9	25	23	26	22	18	22	72	40	34	12	29	17
10	23	28	26	23	19	22	19	23	22	13	26	24
11	38	32	26	28	19	22	17	24	25	18	28	22
12	39	36	25	25	18	25	17	24	25	42	28	22
13	24	31	27	25	18	25	19	23	25	48	15	31
14	20	29	31	26	17	23	17	23	24	12	17	20
15	20	34	31	26	16	26	16	24	23	13	16	19
16	22	41	25	26	15	22	32	36	25	12	23	31
17	22	51	24	22	13	24	32	25	25	18	11	36
18	21	50	25	22	15	25	17	25	22	17	17	23
19	21	55	24	22	18	25	15	26	25	18	25	26
20	22	45	26	23	19	45	23	26	47	19	24	28
21	24	40	25	22	19	22	27	22	80	17	18	25
22	23	34	25	23	20	24	34	26	56	15	29	20
23	24	35	22	23	20	25	19	40	32	18	26	22
24	24	34	22	22	18	56	25	40	29	18	37	25
25	23	33	23	23	18	57	25	31	32	18	20	20
26	25	31	22	20	20	48	16	32	31	22	20	23
27	32	31	23	20	20	55	22	36	34	15	20	24
28	26	31	22	22	20	40	29	33	46	18	20	22
29	30	29	25	22	18	20	22	45	51	18	25	22
30	29	28	23	21	.....	35	23	138	34	20	29	22
31	28	.....	25	21	.....	39	.....	138	.....	19	26	.....
Mean	25	38	26	23	18	29	23	36	52	21	25	23
Max.	39	61	31	28	22	57	72	138	260	48	37	36
Min.	20	23	22	20	13	20	15	22	22	12	11	17
A. F.	1560	2250	1580	1420	1060	1790	1390	2210	3090	1270	1520	1380
Total Acre-feet	20,520.											

DEPARTMENT OF ROADS AND IRRIGATION

809

HORSE CREEK NEAR LYMAN—Sec. 25-23-58 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	39	27	18	13	8	16.0	8.0	10.0	55	31	18	39
2	37	23	17	12	8	18.0	14.0	9.0	69	23	22	35
3	36	27	18	12	7	20.0	12.0	9.6	131	23	48	34
4	35	26	15	12	7	20.0	18.0	8.7	153	24	65	38
5	34	24	20	11	5	18.0	16.0	8.7	235	24	71	37
6	29	27	20	11	5	16.0	14.0	8.4	379	23	49	37
7	30	26	20	10	5	19.0	20.0	8.1	240	23	33	33
8	31	25	20	10	4	18.0	26.0	40.0	84	25	40	32
9	30	27	16	9	4	16.0	40.0	26.0	182	24	41	31
10	29	18	19	9	4	12.0	22.0	18.0	85	24	31	33
11	30	23	19	12	4	9.0	18.0	14.0	110	24	26	37
12	31	24	14	12	4	12.0	15.0	12.0	166	35	29	41
13	29	24	18	13	4	12.0	14.0	14.0	154	44	24	33
14	29	23	12	12	4	12.0	14.0	20.0	123	30	28	36
15	28	24	15	11	4	11.0	13.0	11.0	125	44	30	33
16	28	25	14	10	4	13.0	12.0	9.9	88	26	32	78
17	27	23	12	9	4	12.0	12.0	8.7	60	31	35	33
18	26	23	14	8	7	12.0	12.0	9.0	41	30	31	27
19	26	21	12	9	11	11.0	11.0	9.0	37	37	29	22
20	24	23	12	10	17	9.3	11.0	9.3	30	30	33	23
21	27	23	12	11	16	11.0	11.0	11.0	98	37	33	23
22	26	22	12	14	12	14.0	12.0	11.0	116	25	35	23
23	26	20	17	15	11	12.0	11.0	12.0	54	28	38	22
24	26	21	16	20	11	11.0	11.0	12.0	30	25	36	19
25	27	20	11	11	11	12.0	10.0	16.0	25	23	33	22
26	28	20	12	11	11	12.0	11.0	19.0	22	22	36	29
27	28	19	14	11	11	10.0	9.6	18.0	20	23	49	27
28	27	20	14	10	11	11.0	9.3	20.0	23	22	66	25
29	27	20	11	6	13	11.0	9.3	22.0	25	22	58	22
30	26	19	12	7	.....	9.3	10.0	29.0	41	22	54	22
31	25	.....	13	7	.....	.....	.....	45.0	.....	22	48	.....
Mean	29	23	15	11	8	12.9	14.2	15.4	100	27	39	32
Max.	39	27	20	20	17	20.0	40.0	45.0	379	44	71	78
Min.	24	18	11	6	4	9.0	8.0	8.1	20	22	18	19
A. F.	1790	1360	930	670	450	793.0	845.0	949.0	5950	1680	2380	1880
Total Acre-feet	19,680.											

INDIAN CREEK—Sec. 19-20-50 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	5	4	4	4	3	2	2	4	1	7	7
2	6	5	4	4	4	3	2	2	4	2	5	8
3	6	5	4	4	4	3	2	2	5	2	6	6
4	6	5	4	4	4	3	2	2	9	2	6	9
5	6	5	4	4	4	3	2	2	7	1	6	11
6	5	5	4	4	4	3	2	2	6	1	5	8
7	5	5	4	4	4	3	2	2	4	1	6	7
8	5	5	4	4	4	3	2	2	2	1	5	7
9	5	5	4	4	4	3	2	2	10	1	5	6
10	5	5	4	4	4	3	2	2	4	1	5	7
11	5	5	4	4	4	3	2	2	1	2	6	7
12	5	5	4	4	4	3	2	9	0	3	6	4
13	4	5	4	4	4	3	2	1	1	4	4	7
14	4	5	4	4	4	3	2	1	5	2	4	7
15	4	5	4	4	4	3	2	1	6	3	4	4
16	4	5	4	3	4	2	2	1	0	2	4	7
17	4	5	4	3	4	2	2	1	0	3	6	5
18	4	5	4	3	4	2	2	2	0	3	8	10
19	4	5	4	3	4	2	2	2	0	3	4	8
20	4	5	4	3	4	2	2	1	1	5	7	8
21	4	4	4	3	4	2	2	2	1	6	4	7
22	4	4	4	3	4	2	2	2	1	6	6	6
23	4	4	4	3	4	2	2	2	1	3	6	7
24	4	4	4	3	4	2	2	2	1	3	4	7
25	4	4	4	3	4	2	2	2	1	4	2	7
26	4	4	4	4	3	2	2	4	1	3	5	12
27	4	4	4	4	3	2	2	5	1	3	4	10
28	4	4	4	4	3	2	2	3	1	6	7	8
29	4	4	4	4	3	2	2	4	1	5	7	13
30	4	4	4	4	.....	2	2	4	1	7	7	11
31	4	.....	4	4	.....	2	.....	4	.....	7	7	.....
Mean	4	5	4	4	4	2	2	2	3	3	5	8
Max.	6	5	4	4	4	3	2	5	10	7	8	13
Min.	4	4	4	3	3	2	2	1	0	1	2	4
A. F.	280	278	246	226	222	153	119	149	157	190	333	458
Total Acre-feet	2811											

REPORT OF THE STATE ENGINEER

KEITH LINCOLN COUNTY DRAIN—Sec. 23-14-35 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	3	2	1	1	1	1	0	0	0	0	0
2	2	3	2	1	1	1	1	0	0	0	0	0
3	2	3	2	1	1	1	1	0	0	0	0	0
4	2	3	2	1	1	1	1	0	0	0	0	0
5	2	3	2	1	1	1	1	0	0	0	0	0
6	2	3	2	1	1	1	1	0	0	0	0	0
7	2	3	2	1	1	1	1	0	0	0	0	0
8	2	3	2	1	1	1	1	0	0	0	0	0
9	2	3	2	1	1	1	1	0	0	0	0	0
10	2	3	2	1	1	1	1	0	0	0	0	0
11	2	3	2	1	1	1	1	0	0	0	0	0
12	2	3	2	1	1	1	1	0	0	0	0	0
13	2	3	2	1	1	1	1	0	0	0	0	0
14	2	3	2	1	1	1	1	0	0	0	0	0
15	2	3	2	1	1	1	1	0	0	0	0	0
16	2	3	2	1	1	1	1	0	0	0	0	0
17	2	3	2	1	1	1	1	0	0	0	0	0
18	2	3	2	1	1	1	1	0	0	0	0	0
19	2	3	2	1	1	1	1	0	0	0	0	0
20	2	3	2	1	1	1	1	0	0	0	0	0
21	2	3	2	2	1	1	1	0	0	0	0	0
22	2	3	2	2	1	1	1	0	0	0	0	0
23	2	3	2	2	1	1	1	0	0	0	0	0
24	2	3	2	2	1	1	1	0	0	0	0	0
25	2	3	2	2	1	1	1	0	0	0	0	0
26	2	3	2	2	1	1	1	0	0	0	0	0
27	2	3	2	2	1	1	1	0	0	0	0	0
28	2	3	2	2	1	1	1	0	0	0	0	0
29	2	3	2	2	1	1	1	0	0	0	0	0
30	2	3	2	2	.....	1	1	0	0	0	0	0
31	2	.....	2	2	.....	1	.....	0	.....	0	.....	.....
Mean	2	3	2	1	1	1	1	0	0	0	0	0
Max.	2	3	2	2	1	1	1	0	0	0	0	0
Min.	2	3	2	1	1	1	1	0	0	0	0	0
A. F.	123	184	123	83	58	62	60	0	0	0	0	0
Total Acre-feet 693.												

LANE DRAIN—Sec. 30-23-57 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	1	1	0	0	0	0	0	0	0	0
2	2	2	1	1	0	0	0	0	0	0	0	0
3	2	2	1	1	0	0	0	0	0	0	0	0
4	2	2	1	1	0	0	0	0	0	0	0	0
5	2	2	1	1	0	0	0	0	0	0	0	0
6	2	2	1	1	0	0	0	0	0	0	0	0
7	2	2	1	1	0	0	0	0	0	0	0	0
8	2	2	1	1	0	0	0	0	0	0	0	0
9	2	2	1	1	0	0	0	0	0	0	0	0
10	2	2	1	1	0	0	0	0	0	0	0	0
11	2	2	1	0	0	0	0	0	0	0	0	0
12	2	2	1	0	0	0	0	0	0	0	0	0
13	2	2	1	0	0	0	0	0	0	0	0	0
14	2	2	1	0	0	0	0	0	0	0	0	0
15	2	2	1	0	0	0	0	0	0	0	0	0
16	2	1	1	0	0	0	0	0	0	0	0	0
17	2	1	1	0	0	0	0	0	0	0	0	0
18	2	1	1	0	0	0	0	0	0	0	0	0
19	2	1	1	0	0	0	0	0	0	0	0	0
20	2	1	1	0	0	0	0	0	0	0	0	0
21	2	1	1	0	0	0	0	0	0	0	0	0
22	2	1	1	0	0	0	0	0	0	0	0	0
23	2	1	1	0	0	0	0	0	0	0	0	0
24	2	1	1	0	0	0	0	0	0	0	0	0
25	2	1	1	0	0	0	0	0	0	0	0	0
26	2	1	1	0	0	0	0	0	0	0	0	0
27	2	1	1	0	0	0	0	0	0	0	0	0
28	2	1	1	0	0	0	0	0	0	0	0	0
29	2	1	1	0	0	0	0	0	0	0	0	0
30	2	1	1	0	.....	0	0	0	0	0	0	0
31	2	.....	1	0	.....	0	.....	0	.....	0	.....	.....
Mean	2	2	1	0.3	0	0	0	0	0	0	0	0
Max.	2	2	1	1.0	0	0	0	0	0	0	0	0
Min.	2	1	1	0.0	0	0	0	0	0	0	0	0
A. F.	123	89	62	20.0	0	0	0	0	0	0	0	0
Total Acre-feet 294.												

LEWELLEN DRAIN—Sec. 28-16-42 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1	1	1	1	0	0	0
2	0	0	0	0	0	1	1	1	1	0	0	0
3	0	0	0	0	0	1	1	1	1	0	0	0
4	0	0	0	0	0	1	1	1	1	0	0	0
5	0	0	0	0	0	1	1	1	1	0	0	0
6	0	0	0	0	0	1	1	1	1	0	0	0
7	0	0	0	0	0	1	1	1	1	0	0	0
8	0	0	0	0	0	1	1	1	1	0	0	0
9	0	0	0	0	0	1	1	1	1	0	0	0
10	0	0	0	0	0	1	1	1	1	0	0	0
11	0	0	0	0	0	1	1	1	1	0	0	0
12	0	0	0	0	0	1	1	1	1	0	0	0
13	0	0	0	0	0	1	1	1	1	0	0	0
14	0	0	0	0	0	1	1	1	1	0	0	0
15	0	0	0	0	0	1	1	1	1	0	0	0
16	0	0	0	0	1	1	1	1	1	0	0	0
17	0	0	0	0	1	1	1	1	1	0	0	0
18	0	0	0	0	1	1	1	1	1	0	0	0
19	0	0	0	0	1	1	1	1	1	0	0	0
20	0	0	0	0	1	1	1	1	1	0	0	0
21	0	0	0	0	1	1	1	1	1	0	0	0
22	0	0	0	0	1	1	1	1	1	0	0	0
23	0	0	0	0	1	1	1	1	1	0	0	0
24	0	0	0	0	1	1	1	1	1	0	0	0
25	0	0	0	0	1	1	1	1	1	0	0	0
26	0	0	0	0	1	1	1	1	1	0	0	0
27	0	0	0	0	1	1	1	1	1	0	0	0
28	0	0	0	0	1	1	1	1	1	0	0	0
29	0	0	0	0	1	1	1	1	1	0	0	0
30	0	0	0	0	.....	1	1	1	1	0	0	0
31	0	.....	0	0	.....	1	.....	1	.....	0	0	.....
Mean	0	0	0	0	0.5	1	1	1	1	0	0	0
Max	0	0	0	0	1.0	1	1	1	1	0	0	0
Min.	0	0	0	0	0.0	1	1	1	1	0	0	0
A. F.	0	0	0	0	28.0	62	60	62	60	0	0	0
Total Acre-feet 274.												

LINCOLN COUNTY DRAIN NO. 1—Sec. 30-14-30 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	70	55	45	40	40	40	35	33	54	59	64	62
2	70	55	45	40	40	40	35	33	54	58	66	59
3	70	55	45	40	40	40	35	34	55	62	63	57
4	70	55	45	40	40	40	35	35	54	63	66	57
5	70	55	45	40	40	40	35	35	62	62	67	57
6	65	55	45	40	40	40	34	35	53	61	67	59
7	65	55	45	40	40	40	34	35	54	61	73	62
8	65	55	45	40	40	40	34	42	53	61	72	58
9	65	55	45	40	40	40	34	52	57	60	75	58
10	65	55	45	40	40	40	34	48	52	60	76	62
11	60	50	45	40	35	40	32	48	50	58	75	58
12	60	50	45	40	35	40	30	44	50	58	69	62
13	60	50	45	40	35	40	28	44	47	62	66	65
14	60	50	45	40	35	40	27	45	47	67	65	66
15	60	50	45	40	35	40	33	45	47	67	61	70
16	60	50	45	40	35	35	33	47	47	69	62	70
17	60	50	45	40	35	35	33	47	46	66	62	72
18	60	50	45	40	35	35	32	50	49	64	57	66
19	60	50	45	40	35	35	33	58	54	62	47	68
20	60	50	45	40	35	35	34	50	54	62	48	67
21	60	50	40	45	40	35	32	46	58	59	70	69
22	60	50	40	45	40	35	32	46	61	63	67	68
23	60	50	40	45	40	35	33	48	62	63	65	65
24	60	50	40	45	50	35	33	47	59	58	62	69
25	60	50	40	45	40	35	33	49	60	56	60	69
26	55	50	40	45	40	35	33	50	60	53	59	66
27	55	50	40	45	40	35	34	50	59	54	58	67
28	55	50	40	45	40	35	31	50	36	58	56	67
29	55	50	40	45	40	35	32	50	59	56	58	68
30	55	50	40	45	.....	35	34	54	56	58	59	70
31	55	.....	40	45	.....	35	.....	54	.....	62	59	.....
Mean	61	52	43	42	36	37	33	45	54	61	64	64
Max.	70	55	45	45	40	40	35	58	62	69	76	72
Min.	55	50	40	40	35	35	27	33	36	53	47	57
A. F.	3779	3074	2658	2569	2202	2301	1958	2785	3191	3731	3911	3834
Total Acre-feet 35993.												

REPORT OF THE STATE ENGINEER

LINCOLN COUNTY DRAIN NO. 2—Sec. 12-14-33 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	4	3	3	4	4	2	2	4	3	2	4
2	4	4	3	3	4	4	2	2	4	3	1	4
3	4	4	3	3	4	4	2	2	3	3	1	4
4	4	4	3	3	4	4	2	2	3	3	1	4
5	4	4	3	3	4	4	2	2	4	3	2	4
6	4	4	3	4	4	3	2	2	4	2	2	4
7	4	4	3	4	4	3	2	2	4	2	2	4
8	4	4	3	4	4	3	2	2	3	2	2	4
9	4	4	3	4	4	3	2	3	4	2	2	4
10	4	4	3	4	4	3	2	3	4	2	1	4
11	5	4	3	4	4	3	2	4	4	2	1	4
12	5	4	3	4	4	3	2	4	3	2	1	4
13	5	4	3	4	4	3	2	4	3	2	1	4
14	5	4	3	4	4	3	2	4	3	2	1	4
15	5	4	3	4	4	3	0	4	3	2	1	4
16	5	4	3	5	4	2	0	4	3	2	1	4
17	5	4	3	5	4	2	1	3	3	2	2	4
18	5	4	3	5	4	2	1	4	3	2	2	4
19	5	4	3	5	4	2	1	3	3	2	2	4
20	5	4	3	5	4	2	1	3	3	2	2	4
21	5	4	3	5	4	2	2	3	3	2	4	5
22	5	4	3	5	4	2	2	3	3	2	4	5
23	5	4	3	5	4	2	2	3	3	2	4	5
24	5	4	3	5	4	2	2	3	3	2	3	6
25	5	4	3	5	4	2	2	4	3	2	3	6
26	4	4	3	5	4	2	3	4	3	2	2	6
27	4	4	3	5	4	2	2	4	3	2	2	5
28	4	4	3	5	4	2	2	4	3	1	2	5
29	4	4	3	5	4	2	2	4	3	2	2	5
30	4	4	3	5	4	2	2	4	3	2	2	5
31	4	4	3	5	4	2	2	4	3	2	2	5
Mean			3	4	4	3	2	3	3	2	2	4
Max.	5	4	3	5	4	4	3	4	4	3	4	6
Min.	4	4	3	3	4	2	0	2	3	1	1	4
A. F.	276	238	184	268	230	163	105	196	194	131	119	264
Total Acre-feet	2368.											

LODGEPOLE CREEK AT BUSHNELL—Sec. 33-15-57 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	19	17.0	17	18	22	12	19	9.1	4.2	43.0	5.6
2	13	19	15.0	14	17	22	14	19	9.7	5.0	4.7	6.1
3	13	16	15.0	17	15	23	12	17	9.7	4.4	6.4	5.3
4	13	15	13.0	14	17	24	19	17	9.7	5.0	6.4	5.6
5	14	16	12.0	16	16	22	17	16	20.0	4.4	6.7	5.6
6	14	19	12.0	15	16	21	14	14	15.0	4.2	6.4	5.0
7	14	19	12.0	14	11	20	18	14	14.0	5.3	5.6	5.3
8	14	19	10.0	14	14	20	19	17	13.0	4.7	5.3	6.4
9	14	19	10.0	14	14	19	22	18	22.0	4.2	5.0	6.4
10	14	15	9.7	15	15	19	22	17	15.0	4.4	5.0	6.4
11	14	14	11.0	17	13	15	21	16	14.0	4.4	5.0	5.8
12	14	19	12.0	17	15	17	20	15	13.0	4.7	4.7	6.1
13	14	20	12.0	17	17	19	19	14	11.0	4.7	4.7	5.8
14	14	20	1.2	17	17	17	18	14	11.0	4.4	4.2	6.1
15	14	19	7.3	18	13	17	18	14	9.4	4.2	3.9	6.4
16	14	20	9.7	18	15	17	18	14	8.8	3.9	3.9	7.0
17	14	20	15.0	17	15	18	18	13	8.2	3.9	3.9	7.0
18	14	21	15.0	14	16	17	18	13	8.2	3.6	4.2	6.4
19	14	20	16.0	17	17	17	17	12	7.6	4.4	4.2	6.1
20	14	20	17.0	18	17	18	15	12	7.9	3.6	4.4	6.4
21	15	19	16.0	15	18	18	15	11	8.5	3.9	4.2	6.1
22	15	19	17.0	16	20	18	16	11	8.8	3.6	4.4	6.1
23	16	19	17.0	18	21	18	15	11	8.5	3.6	3.6	6.4
24	16	19	16.0	18	24	10	15	11	7.6	3.6	3.9	6.4
25	16	18	15.0	17	21	19	17	11	7.3	3.6	3.6	7.0
26	18	19	15.0	15	18	17	17	10	6.4	3.6	3.9	7.9
27	19	18	15.0	14	20	15	18	10	6.7	3.9	3.6	8.2
28	18	19	17.0	18	21	18	18	10	3.9	3.9	4.2	8.2
29	18	18	16.0	16	21	18	18	11	4.2	4.2	5.0	8.2
30	18	18	14.0	17	.....	15	18	10	3.6	4.7	5.0	7.3
31	18	.....	17.0	17	.....	12	.....	10	.....	5.3	5.0	.....
Mean	15	18	13.4	16	17	18	17	14	10.1	4.2	5.9	6.4
Max.	19	21	17.0	18	24	24	22	19	22.0	5.3	43.0	8.2
Min.	13	14	1.2	14	11	10	12	10	3.6	3.6	3.6	5.0
A. F.	918	1100	827.0	994	976	1110	1030	835	599.0	261.0	365.0	383.0
Total Acre-feet	9,400.											

LONERGAN CREEK—Sec. 19-15-39 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	5	6	8	6	7	6	7	8	2	0	0
2	2	5	6	8	6	7	6	7	7	2	0	0
3	3	5	6	8	6	7	6	5	6	2	0	0
4	3	5	6	8	6	7	6	4	6	2	0	1
5	3	5	6	8	6	7	6	4	7	2	0	1
6	3	5	6	8	8	7	6	4	5	2	0	1
7	3	5	5	8	8	7	6	4	5	2	0	1
8	3	5	5	8	8	7	6	5	4	2	0	1
9	3	5	5	8	8	7	6	7	4	2	0	1
10	3	5	5	8	8	7	6	6	3	2	0	1
11	3	5	5	6	8	7	6	5	2	2	0	0
12	3	5	5	6	8	7	6	5	1	2	0	0
13	3	5	5	6	8	7	6	5	0	1	0	0
14	3	5	5	6	8	7	7	4	2	2	0	0
15	3	5	5	6	8	7	6	4	2	2	0	0
16	3	6	5	4	8	6	6	5	1	2	0	0
17	3	6	5	4	8	6	6	5	0	1	0	0
18	3	6	5	4	8	6	6	2	0	1	0	0
19	3	6	5	4	8	6	6	2	0	1	0	0
20	3	6	5	4	8	6	6	2	0	1	7	0
21	4	6	6	4	8	6	4	1	0	1	5	0
22	4	6	6	4	8	6	5	3	0	1	2	0
23	4	6	6	4	8	6	5	1	0	1	0	0
24	4	6	6	4	8	6	5	1	0	1	0	0
25	4	6	6	4	8	6	5	0	0	1	0	0
26	4	6	7	6	8	6	5	2	0	1	0	0
27	4	6	7	6	8	6	5	1	0	1	0	0
28	4	6	7	6	8	6	5	3	0	1	0	0
29	4	6	7	6	8	6	5	7	0	1	0	0
30	4	6	7	6	.....	6	8	7	0	2	0	0
31	4	.....	7	6	.....	6	.....	7	.....	2	0	.....
Mean	3	6	6	6	8	6	6	4	3	2	0.4	0.2
Max.	4	6	7	8	8	7	8	7	8	2	7.0	1.0
Min.	2	5	5	4	6	6	4	0	0	1	0.0	0.0
A. F.	202	327	351	369	440	399	343	248	125	95	28.0	14.0
Total Acre-feet 2941.												

LOST CREEK—Sec. 1-16-44 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1	1	1	1	0	0	0
2	0	0	0	0	0	1	1	1	1	0	0	0
3	0	0	0	0	0	1	1	1	1	0	0	0
4	0	0	0	0	0	1	1	1	1	0	0	0
5	0	0	0	0	0	1	1	1	1	0	0	0
6	0	0	0	0	0	1	1	0	1	0	0	0
7	0	0	0	0	0	1	1	0	1	0	0	0
8	0	0	0	0	0	1	1	0	1	0	0	0
9	0	0	0	0	0	1	1	1	1	0	0	0
10	0	0	0	0	0	1	1	1	1	0	0	0
11	0	0	0	0	0	1	1	1	1	0	0	0
12	0	0	0	0	0	1	1	1	1	0	0	0
13	0	0	0	0	0	0	1	1	1	0	0	0
14	0	0	0	0	0	0	1	1	1	0	0	0
15	0	0	0	0	0	0	1	0	1	0	0	0
16	0	0	0	0	0	0	1	0	1	0	0	0
17	0	0	0	0	0	0	1	0	1	0	0	0
18	0	0	0	0	0	0	1	0	1	0	0	0
19	0	0	0	0	0	0	1	0	1	0	0	0
20	0	0	0	0	0	0	1	0	1	0	0	0
21	0	0	0	0	1	0	1	0	1	0	0	0
22	0	0	0	0	1	0	1	0	1	0	0	0
23	0	0	0	0	1	0	1	0	1	0	0	0
24	0	0	0	0	1	0	1	1	1	0	0	0
25	0	0	0	0	1	0	1	1	0	0	0	0
26	0	0	0	0	1	0	1	1	0	0	0	0
27	0	0	0	0	1	0	1	1	0	0	0	0
28	0	0	0	0	1	0	1	1	0	0	0	0
29	0	0	0	0	1	1	1	1	0	0	0	0
30	0	0	0	0	.....	1	1	1	0	0	0	0
31	0	.....	0	0	.....	1	.....	1	.....	0	0	.....
Mean	0	0	0	0	0.3	0.5	1	0.6	0.8	0	0	0
Max.	0	0	0	0	1.0	1.0	1	1.0	1.0	0	0	0
Min.	0	0	0	0	0.0	0.0	1	0.0	0.0	0	0	0
A. F.	0	0	0	0	18.0	30.0	60	38.0	48.0	0	0	0
Total Acre-feet 194.												

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LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	667	991	917	440	790	3840	880	988	683	653	498	470
2	605	980	928	470	790	5200	900	1060	780	602	479	461
3	605	928	948	500	790	6650	950	988	736	593	470	479
4	605	790	906	540	760	8810	917	952	769	574	516	535
5	623	676	875	620	700	9020	836	905	882	554	545	583
6	619	770	875	650	600	7900	824	870	1120	498	653	602
7	667	808	917	640	610	5270	836	894	1000	479	382	602
8	685	799	959	620	620	2880	791	1050	836	470	694	622
9	723	856	980	640	580	2040	847	1300	758	443	612	643
10	723	846	980	660	540	1420	928	1500	714	433	535	593
11	761	723	970	690	510	1320	1000	1440	694	416	507	612
12	761	723	991	740	510	1310	1000	1440	683	409	488	593
13	780	723	991	790	520	1320	976	1190	683	416	488	583
14	770	770	1020	840	570	1310	976	1100	673	424	498	561
15	761	761	959	890	630	1310	964	1020	673	443	488	643
16	799	676	948	868	640	1300	894	917	668	461	498	701
17	799	742	938	800	640	1310	870	847	622	443	470	622
18	799	808	928	660	630	1370	836	813	583	470	461	632
19	808	808	896	580	640	1380	813	769	593	433	516	632
20	808	808	799	520	650	1350	824	747	574	409	526	632
21	846	828	742	450	660	1260	813	725	535	401	535	632
22	866	828	928	440	680	1210	769	769	498	409	602	612
23	828	818	980	430	690	1220	747	828	479	416	622	612
24	837	886	886	410	770	1320	747	876	479	424	622	602
25	846	896	660	400	850	1320	791	1070	470	424	564	593
26	875	917	350	380	950	1370	802	917	498	433	535	643
27	866	1180	280	450	1110	1370	882	847	516	442	516	691
28	875	1020	300	540	1400	1300	1130	747	516	470	526	725
29	866	875	330	640	1500	1320	976	714	507	470	488	691
30	906	856	360	750	.....	1410	1050	683	526	498	470	701
31	1000	.....	400	810	.....	850	.....	663	.....	516	452	.....
Mean	774	836	805	608	736	2589	886	962	658	469	541	611
Max.	1000	1180	1020	890	1500	9020	1130	1500	1120	653	882	725
Min.	605	676	280	380	510	850	747	663	470	401	452	461
A. F.	47600	49770	49470	37400	42310	159200	52700	59160	39160	28810	33240	36330
Total Acre-feet	635,200.											

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1180	1820	1200	300	1060	3600	850	1370	888	779	679	658
2	1280	1790	1160	340	1030	7200	733	1280	888	587	636	647
3	1260	1700	1230	450	980	10500	803	952	1590	850	712	647
4	1240	1820	1320	740	930	9220	2090	964	1210	768	668	744
5	1230	1700	1260	790	890	6420	2310	926	1190	607	768	838
6	1320	1650	1140	810	770	3710	1330	900	1500	616	913	875
7	1320	1720	1220	750	550	3370	1520	1170	1330	567	1220	850
8	1450	1630	1280	650	600	3250	1370	1520	1160	494	888	803
9	1290	1520	1220	580	640	3010	1330	2120	1000	485	679	913
10	1370	1450	1200	640	530	3130	1390	1970	952	485	701	1020
11	1540	1360	1030	800	450	2100	1390	1310	990	434	520	838
12	1280	1280	1050	940	421	1960	1100	952	862	380	567	803
13	1300	1230	932	1060	450	2270	1020	803	838	567	538	803
14	1460	1100	944	1340	510	2040	1020	838	668	520	529	712
15	1570	1290	1200	1210	590	2100	1040	722	815	538	520	744
16	1430	1360	1450	1150	690	2130	1260	827	701	548	459	838
17	1480	1360	1590	960	760	2100	1060	888	701	616	548	815
18	1720	1280	1340	800	800	1840	1050	939	768	538	459	791
19	1480	1290	1180	510	810	1860	977	961	779	428	476	791
20	1540	1300	1030	440	820	1910	900	779	791	538	616	712
21	1430	1160	876	400	820	1790	1100	768	733	512	668	815
22	1360	1230	1000	370	830	1790	1110	791	668	538	576	779
23	1180	1230	1200	330	840	1820	862	1160	712	548	756	768
24	1130	1200	1130	310	860	1910	913	1160	744	548	791	900
25	1180	1090	700	310	910	1820	1050	1220	733	529	607	768
26	1220	1220	400	380	1110	1860	1060	952	712	450	647	827
27	1220	1450	350	560	1400	1740	1110	900	701	636	626	838
28	1430	1360	375	680	1600	1770	990	875	626	577	690	1190
29	1610	1200	400	800	1950	1700	964	862	712	658	744	862
30	1450	1240	440	900	.....	1200	1110	875	712	679	636	815
31	1740	.....	500	1060	.....	1000	.....	838	.....	712	779	.....
Mean	1377	1401	1011	689	848	2972	1160	1051	917	582	669	815
Max.	1740	1820	1590	1340	1950	10500	2310	2120	1730	888	1220	1190
Min.	1130	1090	350	300	421	1000	733	722	626	380	459	636
A. F.	84670	83370	62180	42370	48800	182700	69050	64650	54580	35770	41150	48480
Total Acre feet	817,800.											

LOUP RIVER AT COLUMBUS--Sec. 29-17-1 E.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1650	1920	2800	780	1760	3850	2400	2680	1990	1450	1110	1250
2	1650	2020	2650	821	1760	5900	2210	3240	2200	1440	1090	1350
3	1670	1950	2700	940	1760	9250	2000	2970	2270	1510	1110	1260
4	1630	2020	2320	1380	1700	19000	1960	2720	3120	1440	1180	1330
5	1710	1990	2510	1440	1440	20000	3100	2400	3150	1450	1400	1310
6	1900	1970	2320	1500	1410	24500	4710	2360	3100	1290	1290	1590
7	1820	2060	2400	1500	1270	23500	3380	2030	3180	1050	1260	1750
8	1920	2150	2210	1440	1380	17600	3060	2550	2280	1050	2040	1800
9	2040	2270	2210	1300	1380	11500	2430	3970	3260	1050	1900	1610
10	1990	2400	2430	1380	1260	9250	2510	5820	2270	902	1650	1670
11	2040	2540	2550	1440	1140	6060	2720	6380	2200	890	1350	1820
12	2180	2620	2470	1540	1100	3240	2920	5590	1820	940	1260	1750
13	1950	2750	2470	1700	1240	2840	2680	4710	1820	998	1180	1820
14	1900	2780	2320	1760	1440	2880	2550	3690	1690	998	1280	1670
15	1900	2700	2630	1960	1440	3020	2470	3200	1590	950	1170	1650
16	1900	2620	2720	2100	1440	3280	2360	3060	1400	950	1200	1570
17	1880	2620	2590	2030	1470	3490	2430	2680	1450	938	1090	1770
18	1900	2620	2470	1760	1470	3280	2320	2680	1550	974	1260	1900
19	1920	2620	2320	1410	1500	2200	2100	2510	1550	986	1250	1800
20	1990	2880	2400	1140	1580	3280	1960	2110	1610	1070	1470	1730
21	2040	2620	2630	1120	1500	3150	1830	2150	1570	998	1450	1750
22	2150	2570	2210	940	1500	3150	1830	2080	1530	998	1710	1690
23	2150	2540	2760	1020	1500	3020	1930	2250	1440	986	1690	1710
24	2270	2700	3240	940	1500	3060	1660	2440	1380	1010	1730	1590
25	2370	2750	1790	908	1500	3200	1440	2750	1420	986	1610	1610
26	2780	2830	940	844	1700	3280	1630	2830	1400	998	1530	1970
27	3040	3100	630	924	1760	3240	2000	2320	1360	962	1310	1710
28	2150	3290	530	1140	1900	3020	2320	2320	1260	950	1360	1820
29	1880	3230	550	1380	2470	2760	2840	2150	1250	986	1350	1880
30	1860	3040	630	1660	.....	2760	2800	2130	1210	1150	1350	2110
31	1880	.....	750	1760	.....	2630	.....	2150	.....	1070	1310	.....
Mean	2004	2539	2134	1353	1527	6825	2418	2997	1931	1078	1385	1675
Max.	3040	3290	3240	2100	2470	24500	4710	6380	3260	1510	2040	2110
Min.	1630	1920	530	780	1100	2630	1440	2030	1210	890	1090	1250
A. F.	123200	151100	131200	83220	87810	419700	143900	184300	114900	66290	85170	99650
Total Acre-feet	1,690,000.											

MELBETA DRAIN--Sec. 13-21-54 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	3	3	1	0	0	0	4	0	0	0	0
2	1	3	3	1	0	0	0	5	0	0	0	0
3	1	3	3	1	0	0	0	4	0	0	0	0
4	1	3	3	1	0	0	0	3	0	0	0	0
5	1	3	3	1	0	0	0	1	4	0	0	0
6	1	3	3	1	0	0	0	0	2	0	0	0
7	1	3	3	1	0	0	0	2	5	0	0	0
8	1	3	3	1	0	0	0	3	7	0	0	0
9	1	3	3	1	0	0	0	2	2	0	0	0
10	1	3	3	1	0	0	0	8	0	0	0	0
11	0	3	3	0	0	0	0	1	10	0	0	0
12	0	3	3	0	0	0	0	0	9	0	0	0
13	0	3	3	0	0	0	0	0	7	0	0	0
14	0	3	3	0	0	0	9	0	13	0	0	0
15	0	3	3	0	0	0	9	0	10	0	0	0
16	0	3	2	0	0	1	9	0	5	0	0	0
17	0	3	2	0	0	1	10	1	11	0	0	0
18	0	3	2	0	0	1	10	3	3	0	0	0
19	0	3	2	0	0	1	12	2	3	0	0	0
20	6	3	2	0	0	1	6	1	5	0	0	0
21	1	3	2	0	0	1	8	0	0	0	0	0
22	1	3	2	0	0	1	8	0	0	0	0	0
23	1	3	2	0	0	1	2	0	0	0	0	0
24	1	3	2	0	0	1	5	0	0	0	0	0
25	1	3	2	0	0	1	2	0	0	0	0	0
26	2	3	2	0	0	1	2	1	0	0	0	0
27	2	3	2	0	0	1	1	0	0	0	0	0
28	2	3	2	0	0	1	0	0	0	0	0	0
29	2	3	2	0	0	1	0	0	0	0	0	0
30	2	3	2	0	0	1	0	0	0	0	0	0
31	2	.....	2	0	.....	1	0	0	0	0	0	0
Mean	1	3	2	0.3	0	0.5	3	1	3	0	0	0
Max.	2	3	3	1.0	0	1.0	12	8	13	0	0	0
Min.	0	3	2	0.0	0	0.0	0	0	0	0	0	0
A. F.	54	179	153	20.0	0	32.0	184	81	190	0	0	0
Total Acre-feet	893.											

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MITCHELL SPILLWAY--Sec. 35-23-56 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	10	1	15	10	5	6	0	0	0	0	0
2	5	10	1	15	10	5	6	0	0	0	0	0
3	5	8	1	15	10	5	6	0	0	0	0	0
4	5	8	1	15	10	5	6	0	0	0	0	0
5	5	7	1	15	10	5	6	0	47	0	0	0
6	10	6	1	15	2	5	7	0	1	0	0	0
7	10	5	1	15	2	5	7	0	1	0	0	0
8	10	4	1	15	2	5	7	0	1	0	0	0
9	10	3	1	15	2	5	7	0	194	0	0	0
10	10	2	1	15	2	5	7	0	104	0	0	0
11	20	1	1	15	2	5	8	83	15	0	0	0
12	20	1	1	15	2	5	8	0	40	0	0	0
13	20	0	1	15	2	5	8	0	23	0	0	0
14	20	0	1	15	2	5	7	0	9	0	0	0
15	24	0	1	15	2	5	7	0	8	0	0	0
16	19	0	1	15	2	5	7	0	6	0	0	0
17	19	0	1	15	2	5	8	0	6	0	0	0
18	19	0	1	15	2	5	8	0	8	0	0	0
19	19	0	1	15	2	5	8	0	6	0	0	0
20	19	0	1	15	2	5	8	0	6	0	0	0
21	19	0	10	15	4	5	7	0	4	0	0	0
22	19	0	20	15	4	5	7	2	3	0	0	0
23	18	0	20	15	4	5	7	1	3	0	0	0
24	18	0	20	15	4	5	1	2	3	0	0	0
25	18	0	20	15	4	5	1	1	2	0	0	0
26	17	0	20	15	4	5	1	1	2	0	0	0
27	17	0	20	15	4	5	1	1	2	0	0	0
28	17	0	20	15	4	5	1	1	1	0	0	0
29	17	0	20	15	4	5	1	1	1	0	0	0
30	16	0	20	15	.....	5	1	1	1	0	0	0
31	16	.....	20	15	.....	5	.....	1	.....	0	0	0
Mean	15	2	7	15	4	5	6	3	17	0	0	.....
Max.	24	10	20	15	10	5	8	83	194	0	0	0
Min.	5	0	1	15	2	5	1	0	0	0	0	0
A. F.	924	129	456	922	230	307	337	188	986	0	0	0
Total Acre-feet	4479.											

NINE MILE DRAIN NEAR MINATARE--Sec. 25-21-53 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	115	92	88	85	66	74	74	70	107	113	113	120
2	115	92	89	86	66	77	71	69	110	112	114	116
3	115	94	88	84	67	74	70	67	117	143	127	120
4	114	96	87	86	69	75	71	61	134	125	134	116
5	122	98	86	86	69	73	71	61	192	119	145	115
6	127	99	88	88	68	69	68	61	134	127	137	116
7	128	98	88	86	65	69	70	60	141	114	127	120
8	128	97	88	84	60	68	71	61	139	116	130	120
9	134	97	86	82	62	68	78	58	898	112	140	130
10	135	102	84	82	67	66	72	78	291	116	130	131
11	128	102	86	82	71	68	69	85	345	124	123	132
12	131	102	84	80	67	66	68	58	186	129	127	136
13	122	98	86	74	70	64	67	58	177	130	123	139
14	120	98	88	70	71	64	66	57	155	126	123	139
15	117	96	88	69	68	66	65	55	141	127	126	136
16	121	102	87	69	68	66	64	56	142	120	123	132
17	111	99	84	69	65	65	64	56	132	115	123	137
18	104	98	82	70	67	65	64	56	121	114	132	134
19	113	97	80	72	73	65	63	56	115	125	132	136
20	127	97	80	71	73	66	61	59	110	130	142	137
21	130	100	84	72	70	67	61	60	114	123	139	137
22	126	98	80	74	71	66	65	61	115	121	139	137
23	123	100	80	73	70	66	63	66	120	108	136	142
24	125	98	81	73	70	66	64	64	111	108	135	150
25	119	98	82	74	69	68	61	69	118	105	135	116
26	96	98	83	70	68	69	64	71	146	111	123	143
27	97	96	82	70	67	67	64	77	119	114	123	143
28	98	92	83	72	68	67	64	88	120	119	123	150
29	96	93	84	70	67	68	71	93	117	110	131	163
30	94	90	82	67	.....	71	73	109	113	120	136	158
31	94	.....	84	67	.....	73	.....	105	.....	115	135	.....
Mean	117	97	85	76	68	68	67	68	169	119	130	134
Max.	135	102	89	88	73	77	78	109	898	143	145	163
Min.	94	90	80	67	60	64	61	55	107	105	113	115
A. F.	7190	5790	5200	4680	3910	4200	3990	4180	10080	7320	7990	8009
Total Acre-feet	72,530.											

NIOBRARA RIVER AT DUNLAP—Sec. 27-29-48 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11.0	19	51	65	47	95	72	70.0	7.7	8.6	3.7	5.6
2	9.5	24	51	63	49	95	51	70.0	7.7	8.6	0.6	6.9
3	9.5	29	51	60	49	75	52	59.0	9.6	8.6	0.6	6.9
4	9.5	30	54	58	47	111	52	60.9	88.0	8.6	0.6	8.2
5	9.5	25	45	56	47	116	69	54.0	33.0	7.2	8.6	8.6
6	9.0	26	51	52	52	123	69	54.0	36.0	7.2	5.0	6.9
7	9.0	27	53	51	51	101	70	41.0	34.0	7.2	5.0	6.9
8	9.5	30	53	54	56	105	80	41.0	33.0	2.6	2.6	9.1
9	10.0	39	55	56	56	105	90	41.0	28.0	2.6	2.6	9.6
10	10.0	35	59	56	49	101	90	25.0	27.0	2.6	1.5	9.6
11	10.0	33	53	51	62	101	88	20.0	25.0	2.6	0.8	12.0
12	9.0	45	53	49	62	101	84	19.0	24.0	2.9	3.2	8.2
13	11.0	43	53	50	60	87	81	19.0	24.0	3.4	1.5	11.0
14	11.0	51	53	49	59	87	77	11.0	17.0	3.4	1.1	12.0
15	23.0	55	51	47	57	87	75	9.6	17.0	3.7	1.1	12.0
16	27.0	53	37	45	57	89	73	9.1	11.0	3.7	1.1	13.0
17	27.0	53	56	42	56	85	80	14.0	11.0	3.7	2.6	13.0
18	23.0	57	56	41	49	83	78	13.0	11.0	3.7	1.1	16.0
19	23.0	53	49	41	51	85	67	24.0	6.9	3.7	2.0	16.0
20	22.0	51	47	44	52	85	65	12.0	6.9	3.7	1.5	19.0
21	13.0	51	47	52	52	103	63	4.6	6.6	3.7	1.5	17.0
22	26.0	51	56	47	53	79	61	4.6	5.9	5.3	1.5	17.0
23	17.0	51	58	40	55	81	60	4.3	5.9	6.2	5.6	17.0
24	17.0	51	54	40	55	73	60	3.7	6.6	5.0	5.6	17.0
25	17.0	51	45	41	59	73	61	4.3	7.2	8.6	12.0	20.0
26	18.0	51	42	48	55	79	69	4.3	8.2	5.6	7.7	12.0
27	18.0	51	41	49	55	77	71	4.3	8.2	3.2	3.7	20.0
28	18.0	51	49	51	66	77	71	4.3	8.2	2.3	3.7	20.0
29	18.0	51	51	51	70	77	69	4.3	8.2	2.6	5.6	23.0
30	18.0	51	54	49	.....	73	69	4.3	8.2	3.7	5.9	23.0
31	18.0	.....	58	47	.....	73	.....	4.3	.....	3.7	5.6	.....
Mean	15.5	43	51	50	55	90	71	23.0	17.7	4.8	3.4	13.2
Max.	27.0	57	59	65	70	123	90	70.0	88.0	8.6	12.0	23.0
Min.	9.0	19	37	40	47	73	51	3.7	5.9	2.3	0.6	5.6
A. F.	953.0	2550	3150	3060	3150	5520	4200	1410.0	1050.0	294.0	209.0	736.0
Total Acre-feet	26,330.											

NIOBRARA RIVER NEAR SPENCER—Sec. 30-33-11 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	841	832	1220	557	900	1560	679	1960	1160	921	598	635
2	847	600	1180	1030	774	1970	603	1650	1200	791	532	661
3	895	531	1130	1520	952	3290	1340	1400	1520	689	648	686
4	877	578	1080	1320	966	4520	2070	1330	1450	599	729	714
5	909	725	1120	1230	1000	4020	2780	1440	1630	568	716	750
6	904	1060	1340	1090	995	3530	2090	1220	1790	534	692	790
7	947	2280	1420	949	978	3920	1900	1250	1230	504	699	863
8	956	1910	1410	858	911	4060	1670	1490	1090	482	673	770
9	956	1220	1280	797	878	4710	1670	1660	1210	460	612	864
10	1000	1140	832	720	810	5890	1810	1840	1020	422	612	713
11	1000	838	1400	768	810	4800	1820	1870	1090	443	592	723
12	1000	928	1360	832	835	3600	1900	1540	989	418	549	779
13	951	1260	1340	1030	886	2530	1760	1420	876	454	554	772
14	971	1040	1320	1270	977	2630	1550	1440	765	517	571	861
15	931	612	1270	1420	1040	2420	1520	1130	821	623	598	970
16	932	995	895	1300	1080	2110	1370	1100	773	548	533	852
17	971	1460	730	1140	1070	1860	1410	1100	738	541	547	860
18	977	1740	899	1010	1090	1690	1320	1090	729	534	596	837
19	983	1470	919	781	1070	1610	1240	1060	605	508	593	746
20	1060	1240	637	713	1050	1540	1210	1970	685	504	592	717
21	1400	1330	734	618	1030	1460	1240	1400	709	526	821	710
22	944	1130	1030	534	1100	1400	1180	5640	684	566	806	706
23	1010	1370	1180	631	1140	1450	1200	2710	700	524	880	708
24	992	1260	1090	745	1160	1510	1100	1600	660	546	717	712
25	1090	1240	687	835	1140	1450	1260	1390	635	516	651	820
26	1110	1350	299	921	1170	1260	1320	1050	591	509	622	970
27	1050	1690	146	991	1080	1920	1320	1080	620	574	926	930
28	1130	1370	180	932	1080	1740	1290	960	613	541	1220	950
29	1120	1320	180	955	1180	1450	1420	962	609	540	881	910
30	1120	1260	299	929	.....	1420	1800	923	599	570	746	880
31	1080	.....	363	851	.....	1120	.....	919	.....	591	700	.....
Mean	999	1193	935	948	1005	2530	1495	1535	927	549	637	796
Max.	1400	2280	1420	1520	1180	5890	2780	5640	1790	921	1220	970
Min.	841	531	146	534	774	1120	603	919	591	418	547	635
A. F.	61400	70970	57460	58270	57820	155600	88940	94410	55180	33740	42260	47360
Total Acre-feet	823,400.											

REPORT OF THE STATE ENGINEER

NORTH PLATTE CANAL WASTE—Sec. 29-14-30 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	*	0	0	0	0	0	28	7	0	0	0
2	0	0	0	0	0	77	1	0	0	0
3	0	0	0	0	0	94	7	0	2	2
4	0	0	0	0	0	56	5	0	1	17
5	0	0	0	0	0	14	17	0	4	17
6	0	0	0	0	0	0	4	0	0	18
7	0	0	0	0	0	18	3	0	4	11
8	0	0	0	0	0	28	8	0	4	13
9	0	0	0	0	0	45	10	0	6	10
10	0	0	0	0	0	109	9	0	4	13
11	0	0	0	0	0	50	1	0	6	13
12	0	0	0	0	0	18	22	0	5	6
13	0	0	0	0	0	15	3	0	4	2
14	0	0	0	0	0	7	35	0	0	5
15	0	0	0	0	0	25	48	0	0	4
16	0	0	0	0	0	29	0	0	0	1
17	0	0	0	0	0	90	6	0	0	2
18	0	0	0	0	0	75	21	0	0	2
19	0	0	0	0	0	26	21	0	0	9
20	0	0	0	0	0	35	4	0	0	10
21	0	0	0	0	0	10	2	0	10	10
22	0	0	0	0	0	19	0	0	0	13
23	0	0	0	0	0	13	3	0	0	16
24	0	0	0	0	0	9	0	0	0	16
25	0	0	0	0	0	12	2	0	0	5
26	0	0	0	0	0	10	0	0	0	8
27	0	0	0	0	0	3	0	0	0	20
28	0	0	0	0	0	1	0	0	0	13
29	0	0	0	0	0	1	0	0	0	19
30	*	0	0	.....	0	64	12	0	0	0	3
31	*	*	0	0	.....	0	.....	9	.....	0	0	.....
Mean	*	*	0	0	0	0	2	30	8	0	2	9
Max.	0	0	0	0	64	109	48	0	10	20
Min.	0	0	0	0	0	1	0	0	0	0
A. F.	*	*	0	0	0	0	127	1860	474	0	99	563

Total Acre-feet 3123.
*No Record.

NORTH PLATTE POWER WASTE—Sec. 9-13-30 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	65	451	0
2	0	0	0	0	0	0	0	0	0	8	390	0
3	0	0	0	0	0	0	0	0	0	10	204	0
4	0	0	0	0	0	0	0	0	0	7	0	0
5	0	0	0	0	0	0	0	0	0	8	0	0
6	0	0	0	0	0	0	0	0	0	7	0	0
7	0	0	0	0	0	0	0	0	0	8	0	0
8	0	0	0	0	0	0	0	0	0	20	0	0
9	0	0	0	0	0	0	0	0	0	7	0	0
10	0	0	0	0	0	0	0	0	0	14	0	0
11	0	0	0	0	0	0	0	0	0	351	0	0
12	0	0	0	0	0	0	0	0	0	326	0	0
13	0	0	0	0	0	0	0	0	0	426	0	0
14	0	0	0	0	0	0	0	0	0	461	0	0
15	0	0	0	0	0	0	0	0	0	533	0	0
16	0	0	0	0	0	0	0	0	0	547	0	0
17	0	0	0	0	0	0	0	0	0	449	0	0
18	0	0	0	0	0	0	0	0	0	609	0	0
19	0	0	0	0	0	0	0	0	0	590	0	0
20	0	0	0	0	0	0	0	0	0	650	0	0
21	0	0	0	0	0	0	0	0	0	755	0	0
22	0	0	0	0	0	0	0	0	0	807	0	0
23	0	0	0	0	0	0	0	0	0	807	0	0
24	0	0	0	0	0	0	0	0	0	804	0	0
25	0	0	0	0	0	0	0	0	0	800	0	0
26	0	0	0	0	0	0	0	0	0	76	733	0
27	0	0	0	0	0	0	0	0	0	96	660	0
28	0	0	0	0	0	0	0	0	0	242	633	0
29	0	0	0	0	0	0	0	0	0	140	519	0
30	0	0	0	0	.....	0	0	0	0	453	0	0
31	0	.....	0	0	.....	0	.....	0	.....	18	414	33
Mean	0	0	0	0	0	0	0	0	0	242	807	451
Max.	0	0	0	0	0	0	0	0	0	0	7	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A. F.	0	0	0	0	0	0	0	0	0	1100	25482	2074

Total Acre-feet 28,656.

DEPARTMENT OF ROADS AND IRRIGATION

819

OTTER CREEK NEAR LEMOYNE--Sec. 5-13-40 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	24	23	25	26	26	28	17	21	16	.....	.....	16
2	24	23	25	26	26	28	17	21	16	.....	.....	16
3	24	23	25	26	26	28	17	21	16	.....	.....	16
4	23	23	25	26	26	28	17	21	16	.....	.....	16
5	23	23	25	26	26	28	17	21	16	.....	.....	16
6	23	23	26	26	25	30	17	20	16	.....	.....	18
7	23	23	26	26	25	30	18	20	16	.....	.....	18
8	23	23	26	26	25	30	18	20	16	.....	.....	18
9	23	23	26	26	25	30	18	20	16	.....	.....	18
10	23	23	26	26	25	30	18	20	16	.....	.....	18
11	24	24	27	26	25	28	19	19	16	.....	.....	20
12	24	24	27	26	24	28	19	19	16	.....	.....	20
13	24	24	27	26	24	28	19	19	16	.....	.....	20
14	24	24	27	26	24	28	19	19	16	.....	.....	20
15	24	24	27	26	24	28	19	19	16	.....	.....	20
16	24	24	27	27	23	26	19	18	16	.....	.....	20
17	24	24	27	27	23	24	19	18	16	.....	.....	20
18	24	24	27	27	23	24	19	18	16	.....	.....	20
19	24	24	27	27	23	24	19	18	16	.....	.....	20
20	24	24	27	27	23	24	19	18	16	.....	.....	20
21	24	24	27	27	23	24	19	18	16	.....	.....	20
22	24	24	27	27	25	22	20	17	16	.....	.....	22
23	24	24	27	27	25	22	20	17	16	.....	.....	22
24	24	24	27	27	25	22	20	17	16	.....	.....	20
25	24	24	27	27	25	22	20	17	16	.....	.....	20
26	23	24	27	27	27	19	20	16	16	.....	.....	18
27	23	24	27	27	27	19	20	16	16	.....	.....	18
28	23	24	27	27	27	19	20	16	16	.....	.....	18
29	23	24	27	27	27	19	20	16	16	.....	.....	18
30	23	24	27	27	.....	19	20	16	16	.....	.....	18
31	23	.....	27	27	.....	19	.....	16	.....	.....	.....	18
Mean	24	24	26	26	25	25	19	18	16	15	14	19
Max.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Min.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
A. F.	1450	1410	1630	1630	1440	1540	1120	1130	952	922	861	1120
Total Acre-feet	15,200.											

PAWNEE CREEK--Sec. 4-12-27 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	4	3	7	4	8	15	25	3	1	0	1
2	5	4	3	7	4	8	15	25	7	2	0	1
3	5	4	3	7	4	8	15	25	8	1	0	0
4	5	4	3	7	4	8	16	26	7	1	0	0
5	5	4	3	7	4	8	16	27	21	1	1	2
6	6	3	3	6	4	10	17	27	31	1	1	1
7	6	3	3	6	4	10	17	27	16	1	0	4
8	6	3	3	6	4	10	17	28	10	1	0	1
9	6	3	3	6	4	10	18	28	9	0	0	1
10	6	3	3	6	4	10	18	28	8	0	0	0
11	6	3	3	5	5	10	18	29	7	0	0	0
12	6	3	3	5	5	10	18	24	4	0	0	2
13	6	3	3	5	5	10	18	15	6	0	0	1
14	6	3	3	5	5	10	19	11	5	0	0	1
15	6	3	3	5	5	10	19	10	5	0	0	1
16	5	3	3	4	5	12	20	8	5	0	0	1
17	5	3	3	4	5	12	20	7	3	0	0	1
18	5	3	3	4	5	12	20	2	3	0	0	2
19	5	3	3	4	5	12	21	5	2	0	0	2
20	5	3	3	4	5	12	21	6	3	0	2	1
21	5	3	3	3	6	12	22	6	6	0	2	1
22	5	3	3	3	6	12	22	9	3	0	2	1
23	5	3	3	3	6	12	23	11	3	0	2	1
24	5	3	3	3	6	12	23	10	3	0	1	0
25	5	3	3	3	6	12	23	8	2	0	1	4
26	4	3	3	4	6	14	23	6	1	0	1	2
27	4	3	3	4	6	14	23	5	1	0	1	0
28	4	3	3	4	6	14	23	6	1	0	1	3
29	4	3	3	4	6	14	25	14	1	0	1	6
30	4	3	3	5	3	.....	14	25	12	1	0	1
31	4	.....	6	3	.....	14	.....	12	.....	0	1	4
Mean	5	3	3	5	5	11	20	16	6	3	1	2
Max.	6	4	6	7	6	14	25	29	31	1	2	4
Min.	4	3	3	3	4	0	15	2	1	0	0	0
A. F.	315	188	202	284	286	682	1170	956	367	18	36	89
Total Acre-feet	4593.											

REPORT OF THE STATE ENGINEER

PLUM CREEK—Sec. 10-19-40 W.												
Year Ending September 30, 1936												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	2	3	2	2	2	2	0	3	2	1
2	2	2	2	3	2	2	2	2	1	3	2	1
3	2	2	2	3	2	2	2	2	2	3	2	1
4	2	2	2	3	2	2	2	2	4	3	2	1
5	2	2	2	3	2	2	2	2	4	3	2	1
6	2	2	2	3	2	2	2	1	4	2	2	1
7	2	2	2	3	2	2	2	1	4	2	2	1
8	2	2	2	3	2	2	2	1	4	2	2	1
9	2	2	2	3	2	2	2	1	4	2	2	1
10	2	2	2	3	2	2	2	1	3	2	2	1
11	2	2	2	3	2	2	2	1	3	2	2	1
12	2	2	2	3	2	2	2	1	3	2	2	1
13	2	2	2	3	2	2	2	1	3	2	2	1
14	2	2	2	3	2	2	2	1	3	2	2	1
15	2	2	2	3	2	2	2	1	3	2	2	1
16	3	2	2	3	2	2	2	1	3	2	2	1
17	3	2	2	3	2	2	2	0	3	2	2	1
18	3	2	2	3	2	2	2	0	3	2	2	1
19	3	2	2	3	2	2	2	0	3	2	2	1
20	3	2	2	3	2	2	2	0	3	2	2	1
21	3	2	2	3	2	2	2	0	3	2	2	1
22	3	2	2	3	2	2	2	0	3	2	2	1
23	3	2	2	3	2	2	2	0	3	2	2	1
24	3	2	2	3	2	2	2	0	3	2	2	1
25	3	2	2	3	2	2	2	0	3	2	2	1
26	3	2	2	3	2	2	2	0	3	2	2	1
27	3	2	2	3	2	2	2	0	2	2	2	1
28	3	2	2	3	2	2	2	0	2	2	2	1
29	3	2	2	3	2	2	2	0	3	2	2	1
30	3	2	2	3	.....	2	2	0	3	2	2	1
31	3	.....	2	3	.....	2	.....	1	.....	2	2	.....
Mean	2	2	2	3	2	2	2	1	3	2	2	1
Max.	3	2	2	3	2	2	2	2	4	3	2	1
Min.	2	2	2	3	2	2	2	0	0	2	2	1
A. F.	155	119	123	184	115	123	119	44	173	133	123	60
Total Acre-feet	1471.											

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	47	38	34	47	48	58	42	33.0	17.0	23	16.0	16.0
2	42	30	35	46	46	60	42	26.0	7.7	31	16.0	16.0
3	41	36	35	47	40	58	44	28.0	7.7	18	18.0	16.0
4	44	42	35	48	30	54	47	19.0	9.4	12	7.4	17.0
5	49	41	33	50	32	58	48	17.0	21.0	10	0.7	9.1
6	49	28	38	47	33	63	48	16.0	28.0	12	0.4	4.1
7	48	28	36	43	30	56	47	12.0	30.0	26	0.5	3.3
8	49	26	35	46	28	54	47	12.0	24.0	28	0.9	3.3
9	50	27	38	47	32	53	49	17.0	26.0	28	1.2	7.7
10	51	26	36	49	36	51	47	21.0	45.0	29	2.4	16.0
11	51	24	36	50	33	49	42	19.0	45.0	29	13.0	16.0
12	53	26	35	52	35	50	36	10.0	42.0	30	20.0	16.0
13	54	28	35	51	36	49	33	13.0	34.0	31	28.0	17.0
14	54	28	32	53	34	48	33	12.0	28.0	32	28.0	18.0
15	33	29	28	54	32	48	32	12.0	41.0	29	26.0	17.0
16	22	28	22	56	32	47	32	12.0	46.0	28	26.0	18.0
17	41	31	25	55	31	46	32	12.0	27.0	28	26.0	18.0
18	53	36	28	54	29	46	28	9.7	18.0	28	26.0	18.0
19	51	39	26	54	38	46	28	7.0	18.0	16	26.0	14.0
20	47	36	26	53	37	46	26	6.5	16.0	20	18.0	11.0
21	38	36	28	51	38	46	28	8.0	12.0	15	11.0	7.0
22	39	36	30	53	41	45	35	12.0	8.4	13	7.4	6.5
23	41	35	32	53	43	44	34	7.4	7.0	20	4.3	3.5
24	38	37	29	52	45	43	33	7.7	11.0	23	0.9	6.8
25	37	38	26	51	47	44	33	7.4	12.0	22	0.9	5.8
26	40	37	22	51	47	44	33	6.0	12.0	24	1.2	11.0
27	41	36	22	50	50	45	33	5.5	16.0	24	2.9	10.3
28	42	36	30	50	53	46	51	6.0	13.0	24	5.8	10.0
29	40	35	45	48	54	44	54	6.8	19.0	26	12.0	9.8
30	38	35	44	48	.....	44	58	6.8	18.0	24	16.0	6.0
31	36	.....	45	48	.....	44	.....	12.0	.....	11	16.0	.....
Mean	44	33	32	50	38	49	39	12.9	22.1	23	12.2	11.6
Max.	54	42	45	56	54	63	58	33.0	46.0	32	28.0	18.0
Min.	22	24	22	43	28	43	26	5.5	7.0	11	0.9	3.3
A. F.	2700	1960	1990	3090	2200	3030	2330	793.0	1320.0	1420	752.0	690.0
Total Acre-feet	22,280.											

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	63	68	68	61	53	56	45	40	41	56	67	42
2	68	67	70	62	50	50	48	40	51	55	70	51
3	71	66	68	61	49	50	45	40	50	35	78	49
4	77	66	68	63	52	49	47	32	57	40	58	50
5	65	66	67	64	50	50	46	17	130	51	43	49
6	68	69	69	64	56	50	44	17	88	50	43	50
7	69	64	69	62	49	48	47	18	75	58	43	50
8	83	58	69	60	48	50	45	19	76	67	42	45
9	84	59	67	62	50	48	54	20	385	60	41	50
10	88	56	67	61	51	49	47	21	102	54	50	54
11	95	68	69	62	51	49	43	177	80	56	43	50
12	96	72	68	61	49	47	46	55	258	62	75	64
13	95	68	68	61	51	47	43	27	164	61	73	85
14	91	74	66	60	56	47	41	30	102	52	70	82
15	99	72	65	60	57	49	40	23	65	51	68	80
16	93	74	65	60	54	46	40	20	57	64	67	47
17	93	73	65	58	50	47	40	24	42	52	68	43
18	93	75	64	59	50	48	40	27	37	44	69	47
19	93	73	63	59	52	46	39	26	37	31	71	44
20	92	73	65	56	54	46	39	30	37	55	73	51
21	90	74	66	58	52	45	38	29	44	50	77	52
22	90	73	65	57	53	47	38	27	42	61	74	52
23	85	72	67	57	50	47	42	42	39	36	73	52
24	80	73	65	57	51	49	39	34	39	47	57	52
25	80	72	65	55	50	46	39	35	39	58	37	52
26	75	73	64	54	50	46	41	35	41	61	41	125
27	75	71	64	52	52	48	39	37	39	37	39	132
28	75	71	64	54	50	44	38	35	39	61	41	88
29	70	69	64	56	50	46	39	43	39	60	41	58
30	70	69	64	55	.....	46	41	41	48	64	40	67
31	69	.....	63	53	.....	44	.....	42	.....	68	50	.....
Mean	82	69	66	59	51	48	42	36	78	54	58	60
Max.	99	75	70	64	57	56	54	177	385	68	78	132
Min.	63	55	63	52	48	44	38	17	37	31	37	42
A. F.	5080	4120	4070	3620	2960	2940	2520	2190	4650	3290	3530	3600
Total Acre-feet	42,520.											

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE.—Sec. 10-1-42 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	22	15	74	59	60	269	61	58.0	72.0	5.4	12.0	9.5
2	15	16	78	58	60	180	59	50.0	63.0	5.4	14.0	9.5
3	16	16	76	59	56	63	61	40.0	84.0	5.4	74.0	9.5
4	17	23	72	54	55	65	67	30.0	102.0	4.8	126.0	10.0
5	18	23	76	46	52	59	74	24.0	172.0	4.8	33.0	10.0
6	21	24	76	52	58	59	76	27.0	197.0	4.8	54.0	24.0
7	27	22	78	68	58	65	82	37.0	160.0	3.9	110.0	10.0
8	22	15	76	72	50	63	86	80.0	82.0	3.6	61.0	10.0
9	21	18	74	63	52	65	84	112.0	47.0	3.9	25.0	11.0
10	21	25	74	56	54	74	78	92.0	63.0	3.9	19.0	14.0
11	23	52	74	58	62	68	78	63.0	61.0	4.2	14.0	19.0
12	25	56	74	63	60	70	72	36.0	42.0	4.2	14.0	12.0
13	24	56	76	52	60	70	72	30.0	34.0	4.8	10.0	39.0
14	24	52	67	51	57	72	78	21.0	39.0	4.8	8.7	11.0
15	24	59	70	52	59	70	80	19.0	28.0	5.1	7.5	12.0
16	24	61	67	56	60	68	80	21.0	27.0	4.5	7.8	12.0
17	25	59	63	58	58	68	74	40.0	22.0	4.5	8.1	14.0
18	27	67	65	52	57	68	68	11.0	13.0	4.2	7.5	13.0
19	22	65	63	67	62	68	65	10.0	7.2	4.5	10.0	14.0
20	22	70	63	65	66	68	65	12.0	5.4	5.1	11.0	29.0
21	23	76	62	59	72	67	65	8.4	5.1	5.7	61.0	16.0
22	22	67	61	65	76	67	65	8.4	4.8	5.4	11.0	21.0
23	18	74	61	70	72	67	65	14.0	5.1	4.8	8.7	23.0
24	16	76	68	65	67	65	65	32.0	5.4	3.9	8.4	21.0
25	17	78	67	56	63	68	58	9.0	6.0	3.9	8.1	22.0
26	18	80	70	56	63	70	52	9.0	5.4	3.9	7.8	27.0
27	16	80	65	56	61	70	46	7.5	5.1	4.2	8.1	52.0
28	14	82	56	60	65	72	49	11.0	4.8	4.5	8.7	68.0
29	14	74	61	63	63	72	61	130.0	5.4	14.0	9.0	94.0
30	15	72	58	58	.....	65	60	207.0	5.4	39.0	9.0	69.0
31	15	.....	58	60	.....	61	.....	96.0	.....	14.0	24.0	.....
Mean	20	52	68	59	61	77	68	43.4	45.8	6.3	25.5	23.2
Max.	27	82	78	72	76	269	86	207.0	197.0	39.0	126.0	94.0
Min.	14	15	56	46	50	59	46	7.5	4.8	3.6	7.5	9.5
A. F.	1250	3080	4210	3630	3490	4750	4060	2670.0	2720.0	387.0	1570.0	1380.0
Total Acre-feet	35,200.											

REPORT OF THE STATE ENGINEER

 REPUBLICAN RIVER AT MAX—Sec. 32-2-36 W.
 Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	65					320	175	180	318	30	11	1
2	65					360	190	151	282	27	9	1
3	65					340	264	109	568	23	11	1
4	65			140		216	238	95	336	20	12	2
5	65					180	222	171	614	19	16	1
6	65					180	190	151	472	19	132	1
7	65					161	291	100	602	18	392	1
8	65					146	327	195	300	19	151	4
9	65					151	364	472	161	14	95	2
10	65					151	383	450	171	14	47	6
11	65					151	318	392	180	12	32	5
12	65					176	244	354	146	14	21	3
13	65					176	216	291	128	14	16	5
14	65	155				166	190	238	95	12	14	4
15	65					156	176	228	61	12	12	2
16	65					151	180	180	50	12	7	2
17	65					151	185	211	43	11	6	1
18	65					142	190	238	50	10	6	8
19	65					137	238	216	40	10	6	8
20	65					123	200	190	32	11	6	10
21	65					132	180	190	28	9	37	12
22	65					146	171	264	22	10	61	14
23	65					142	161	374	21	8	20	14
24	65					171	146	309	45	7	21	16
25	65					206	146	309	47	7	6	15
26	104					216	176	216	43	6	5	15
27	104					216	195	238	38	6	4	25
28	104			125		250	216	364	31	6	2	31
29	94					273	222	780	31	10	1	54
30	94	143				190	222	12500	32	14	1	56
31	94					190		1000		14	1	
Mean	72	140	165	135	145	189	221	682	166	14	38	11
Max.						360	353	12500	614	30	392	56
Min.						123	146	95	21	6	1	1
A. F.	4400	8300	10150	8300	8340	11640	13120	41960	9890	829	2300	641
Total Acre-feet	119,900.											

 REPUBLICAN RIVER AT CULBERTSON—Sec. 20-3-31 W.
 Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	132	43	90	125	80	620	185	173	734	28	0	0
2	85	54	194	130	80	650	180	121	538	24	0	0
3	100	48	194	125	75	472	190	121	620	20	0	0
4	59	36	142	115	75	350	200	100	704	16	0	0
5	59	90	194	110	75	300	240	120	551	14	0	0
6	36	111	194	96	80	210	279	359	1220	12	0	0
7	34	100	194	95	80	180	280	200	676	8	59	0
8	34	111	194	90	75	170	298	298	704	4	578	0
9	54	90	194	85	75	160	458	485	498	1	432	0
10	54	85	194	80	80	160	458	620	538	0	347	0
11	43	100	194	80	90	165	485	511	498	0	275	0
12	38	121	194	184	85	170	359	420	538	0	85	0
13	43	90	194	275	85	175	298	371	538	0	74	0
14	43	64	194	275	80	180	217	334	472	0	31	0
15	43	59	194	298	85	184	200	240	310	0	11	0
16	43	59	217	240	85	206	205	206	184	0	1	0
17	36	54	252	240	90	142	210	206	85	0	0	0
18	34	36	252	200	95	132	215	200	85	0	0	0
19	38	59	194	180	110	152	220	210	85	0	0	0
20	38	86	194	120	140	142	230	230	85	0	0	0
21	48	90	194	115	130	163	190	225	85	0	0	0
22	74	100	194	110	200	152	180	220	85	0	0	0
23	85	100	180	105	240	90	170	230	59	0	90	0
24	85	100	170	100	280	252	160	250	55	0	16	0
25	74	206	165	95	350	275	170	383	51	0	4	0
26	59	194	140	85	430	264	180	359	47	0	0	0
27	90	217	185	31	500	252	185	275	42	0	0	0
28	74	194	130	85	540	206	190	173	38	0	0	0
29	74	194	135	90	580	206	195	852	34	0	0	1
30	54	90	140	85		194	190	13600	31	27	0	18
31	74		130	85		190		1530		0	0	
Mean	59	99	180	135	173	231	241	762	340	5	65	1
Max.	132	217	252	298	580	650	485	13600	1220	28	578	18
Min.	34	36	90	80	75	90	160	100	31	0	0	0
A. F.	3640	5900	11040	8290	9960	14210	14310	46850	20210	305	3970	38
Total Acre-feet	138,700.											

DEPARTMENT OF ROADS AND IRRIGATION

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	402	312	494	325	341	1560	453	549	3330	150	13	62
2	370	386	470	320	360	1610	376	429	2310	170	14	42
3	322	370	464	315	268	1760	326	407	1620	157	14	25
4	294	355	402	305	180	1840	281	407	1270	170	25	57
5	299	322	402	295	223	1350	312	386	1170	129	20	376
6	245	341	441	286	226	965	494	365	1290	113	29	573
7	290	326	470	280	194	791	604	355	1260	103	32	286
8	277	341	464	290	185	744	518	6650	1870	90	29	592
9	264	402	470	310	160	686	518	10700	1270	76	25	290
10	249	412	458	332	150	660	512	10100	1070	65	22	140
11	249	407	476	330	144	680	500	6650	1170	65	13	82
12	264	447	500	340	140	629	573	3400	1060	65	13	73
13	281	418	488	350	136	580	580	1880	804	68	32	187
14	281	420	482	350	138	573	536	1380	725	55	52	187
15	312	425	494	338	140	567	482	1170	686	52	32	103
16	260	445	470	334	133	567	458	1010	611	44	27	76
17	272	482	465	330	126	580	441	929	573	39	17	65
18	264	549	435	328	126	530	407	791	500	29	17	44
19	260	604	412	334	140	530	355	664	435	22	15	55
20	264	536	365	346	137	512	336	972	396	25	13	170
21	476	482	331	344	146	494	322	718	365	25	42	110
22	326	470	351	338	153	512	290	506	331	27	49	82
23	277	435	344	330	160	512	286	3130	308	13	65	32
24	281	412	310	315	194	506	286	4210	286	11	25	37
25	322	424	300	312	238	482	308	2270	286	9	13	32
26	341	447	304	312	312	512	365	1890	277	12	12	52
27	326	536	315	314	530	488	346	1310	241	8	10	65
28	317	512	320	316	750	458	573	951	201	8	11	27
29	322	494	325	333	1070	458	536	845	170	7	10	22
30	317	506	315	350	.....	476	524	2200	170	15	10	17
31	312	.....	320	341	.....	494	.....	3620	.....	13	133	.....
Mean	301	434	408	324	248	744	430	2285	868	59	27	133
Max.	476	604	500	350	1070	1840	604	10700	3330	170	133	592
Min.	245	312	300	280	126	458	281	355	170	7	10	17
A. F.	18520	25820	25100	19920	14280	45730	25580	140500	51660	3640	1650	7900
Total Acre-feet	380,300.											

REPUBLICAN RIVER NEAR HARDY—Sec. 6-1-3 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	464	399	540	412	326	518	532	972	3950	450	52	22
2	412	405	540	386	326	625	504	876	3350	477	31	17
3	437	405	561	338	281	860	532	796	2550	326	47	15
4	424	399	561	374	287	1210	612	748	2030	235	47	24
5	405	405	583	412	315	1620	470	725	1780	207	44	44
6	380	405	583	274	320	1460	498	702	1670	180	50	56
7	374	392	547	292	281	1150	590	694	1560	163	56	80
8	374	386	532	267	220	956	620	694	1520	138	49	298
9	368	399	540	260	176	860	672	5140	1460	120	56	276
10	362	368	532	298	142	796	649	8810	1480	123	54	884
11	326	424	532	315	168	725	634	7390	1430	98	34	437
12	326	450	547	326	194	725	576	5020	1340	95	36	265
13	344	444	568	320	185	717	561	3340	1260	77	35	198
14	338	444	576	315	168	687	597	2100	1210	98	36	159
15	338	424	554	320	142	664	642	1540	1150	82	34	176
16	356	412	554	220	134	672	590	1270	1070	77	39	298
17	424	450	554	298	142	679	561	1010	1000	72	39	180
18	457	424	554	309	158	627	532	900	948	66	35	127
19	392	477	547	270	172	590	504	780	892	60	29	120
20	380	491	540	217	189	590	511	720	687	56	26	105
21	362	511	532	220	220	576	470	960	554	41	25	85
22	338	525	547	281	260	554	457	880	532	42	25	82
23	418	511	501	326	326	561	444	800	511	39	32	62
24	405	470	494	326	374	540	431	2300	477	31	23	80
25	362	518	326	326	386	540	412	4400	450	36	29	70
26	380	498	399	270	390	547	412	2180	386	36	24	109
27	374	532	405	265	402	540	418	2000	368	35	25	368
28	392	554	405	281	438	532	583	1470	356	38	17	176
29	392	547	412	332	450	525	725	1160	332	54	16	93
30	392	547	418	340	.....	532	1080	980	332	56	23	68
31	392	.....	412	332	.....	532	.....	1270	.....	56	16	.....
Mean	383	454	513	307	261	733	561	2020	1221	118	35	166
Max.	464	554	583	412	450	1620	1080	8810	3950	477	56	884
Min.	326	368	326	217	134	518	412	694	332	31	16	15
A. F.	23580	27010	31540	18890	15020	45040	33360	124200	72660	7270	2150	9870
Total Acre-feet	410,060.											

REPORT OF THE STATE ENGINEER

SAND CREEK—Sec. 10-15-40 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4	5	5	5	4	6	3	2	2	2	3	3
2	4	5	5	5	4	6	3	2	2	2	3	3
3	4	5	5	5	4	6	3	2	2	2	3	3
4	4	5	5	5	4	6	3	3	2	2	3	3
5	4	5	5	5	4	6	3	3	2	2	3	3
6	4	5	5	5	4	6	3	3	0	2	3	3
7	4	5	5	5	4	6	3	3	0	3	3	3
8	4	5	5	5	4	6	3	4	1	3	3	3
9	4	5	5	5	4	6	3	4	2	3	3	3
10	4	5	5	5	4	6	3	4	2	3	0	3
11	5	5	5	4	4	4	3	4	1	3	3	3
12	5	5	5	4	4	4	3	4	1	3	3	3
13	5	5	5	4	4	4	3	4	0	3	3	4
14	5	5	5	4	4	4	3	4	0	3	3	4
15	5	5	5	4	4	4	3	4	2	3	3	4
16	5	5	4	4	5	3	4	3	2	3	3	4
17	5	5	4	4	5	3	4	3	1	3	3	4
18	5	5	4	4	5	3	4	3	1	3	3	4
19	5	5	4	4	5	3	4	3	2	3	3	4
20	5	5	4	4	5	3	4	3	2	3	3	3
21	5	5	4	3	5	3	3	2	2	3	3	3
22	5	5	4	3	5	3	3	4	2	2	3	3
23	5	5	4	3	5	3	4	2	2	3	3	3
24	5	5	4	3	5	3	4	2	2	3	3	3
25	5	5	4	3	5	3	3	2	2	3	3	3
26	5	5	4	3	5	3	3	2	2	3	3	3
27	5	5	4	3	5	3	3	2	2	3	3	3
28	5	5	4	3	5	3	3	3	2	3	3	4
29	5	5	4	3	5	3	3	3	2	3	3	4
30	5	5	4	3	.....	3	3	2	2	3	3	4
31	5	.....	4	3	.....	3	.....	.....	.....	.....	.....	.....
Mean	4	5	4	4	5	4	3	3	1	3	3	4
Max.	5	5	5	5	5	6	4	4	2	3	3	4
Min.	4	5	4	3	4	3	3	2	0	2	0	3
A. F.	288	298	276	244	258	254	194	173	93	167	179	198

Total Acre-feet 2622.

SARBEN SLOUGH—Sec. 20-14-35 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	1	1	2	1	2	2	0	2	0	0	0
2	1	1	1	2	1	2	2	0	2	0	0	0
3	1	1	1	2	1	2	2	0	2	0	0	0
4	1	1	1	2	1	2	2	0	2	0	0	0
5	1	1	1	2	1	2	2	1	2	0	0	0
6	1	1	1	2	1	3	2	1	2	0	0	13
7	1	1	1	2	1	3	2	1	2	0	0	1
8	1	1	1	2	1	3	2	1	2	0	0	1
9	1	1	1	2	1	3	2	1	2	0	0	1
10	1	1	1	2	1	3	2	1	2	0	0	1
11	1	2	1	2	1	3	2	2	2	0	0	1
12	1	2	1	2	1	3	2	1	2	0	0	1
13	1	2	1	2	1	3	2	2	2	0	0	0
14	1	2	1	2	1	3	2	2	2	0	0	1
15	1	2	1	2	1	3	2	1	1	0	0	1
16	1	3	1	2	1	3	2	1	1	0	0	1
17	1	3	1	2	1	3	2	1	1	0	0	1
18	1	3	1	2	1	3	2	1	1	0	0	1
19	1	3	1	2	1	3	2	1	1	0	0	1
20	1	3	1	2	1	3	2	1	1	0	0	1
21	1	2	1	2	1	3	1	1	0	0	0	2
22	1	2	1	2	1	3	1	2	0	0	0	2
23	1	2	1	2	1	3	1	2	0	0	0	2
24	1	2	1	2	1	3	1	1	0	0	0	2
25	1	2	1	2	1	3	1	1	0	0	0	2
26	1	1	1	2	1	3	1	1	0	0	0	3
27	1	1	1	2	1	3	1	2	0	0	0	3
28	1	1	1	2	1	3	1	4	0	0	0	3
29	1	1	1	2	1	3	1	3	0	0	0	3
30	1	1	1	2	.....	3	1	2	0	0	0	3
31	1	.....	1	2	.....	3	.....	1	.....	0	0	.....
Mean	1	2	1	2	1	3	2	1	1	0	0	2
Max.	1	3	1	2	1	3	2	4	2	0	0	13
Min.	1	1	1	2	1	2	1	0	0	0	0	0
A. F.	61	99	61	123	58	175	99	77	67	0	0	101

Total Acre-feet 921.

SCOTTSLUFF DRAIN NO. 1—Sec. 25-22-55 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	11	9	6	5	4	15	27	6	6	14	19
2	12	11	9	6	5	4	15	20	5	6	11	20
3	12	11	9	6	5	4	15	15	4	6	13	18
4	12	11	9	6	5	4	15	14	4	7	13	19
5	12	11	9	6	5	4	15	14	5	9	13	22
6	12	12	9	6	5	4	15	12	5	12	4	22
7	12	12	9	6	5	4	15	11	4	11	4	22
8	12	12	9	6	5	4	15	12	4	10	2	22
9	12	12	9	6	5	4	15	14	6	10	13	17
10	12	12	9	6	5	4	15	16	5	10	12	18
11	12	12	8	6	5	3	15	14	6	12	18	18
12	12	12	8	6	5	3	15	10	6	11	14	17
13	12	12	8	6	5	3	15	10	5	10	5	26
14	12	12	8	6	5	3	15	12	5	12	6	26
15	12	12	8	6	5	3	15	9	5	10	6	25
16	12	11	8	6	5	3	15	10	4	10	7	23
17	12	11	8	6	5	3	15	10	9	8	12	23
18	12	11	8	6	5	3	15	11	8	9	17	23
19	12	11	8	6	5	3	15	10	5	8	13	23
20	12	11	8	6	5	3	15	11	5	8	17	23
21	11	11	7	6	5	3	15	10	5	11	5	20
22	11	11	7	6	5	3	15	0	4	11	5	21
23	11	11	7	6	5	3	15	10	5	12	5	21
24	11	11	7	6	5	3	15	11	6	13	6	21
25	11	11	7	6	5	3	15	12	8	12	17	21
26	11	10	7	6	5	3	15	10	5	9	12	17
27	11	10	7	6	5	3	15	10	6	12	12	19
28	11	10	7	6	5	3	15	11	6	2	13	17
29	11	10	7	6	5	3	15	20	6	3	12	17
30	11	10	7	6	.....	3	15	13	6	12	12	17
31	11	.....	7	6	.....	3	.....	15	.....	.....	12	.....
Mean	12	11	8	6	5	3	15	12	5	9	10	20
Max.	12	12	9	6	5	4	15	27	9	12	18	26
Min.	11	10	7	6	5	3	15	9	4	2	4	17
A. F.	716	664	490	369	288	204	893	762	323	559	645	1212
Total Acre-feet 7125.												

SCOTTSLUFF DRAIN NO. 2—Sec. 34-22-54 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8	4	3	3	2	2	2	3	7	3	10	6
2	8	4	3	3	2	2	2	2	8	3	10	6
3	8	4	3	3	2	2	2	2	8	3	11	7
4	8	4	3	3	2	2	2	3	8	3	23	6
5	8	4	3	3	2	2	2	3	8	3	10	6
6	7	4	3	3	2	2	2	3	8	3	10	7
7	7	4	3	3	2	2	2	3	7	3	9	6
8	7	4	3	3	2	2	2	4	5	3	9	6
9	7	4	3	3	2	2	2	4	12	3	10	7
10	7	4	3	3	2	2	2	4	10	3	10	7
11	6	3	3	3	2	2	2	4	9	6	9	8
12	6	3	3	3	2	2	2	4	8	6	10	9
13	6	3	3	3	2	2	2	4	7	6	10	9
14	6	3	3	3	2	2	2	4	7	6	11	10
15	6	3	3	3	2	2	2	4	8	6	11	11
16	6	3	3	2	2	2	3	5	8	8	12	10
17	6	3	3	2	2	2	4	5	8	8	11	10
18	6	3	3	2	2	2	3	5	8	8	10	10
19	6	3	3	2	2	2	2	5	8	8	9	10
20	6	3	3	2	2	2	2	5	8	8	8	10
21	5	3	3	2	2	2	2	5	6	10	11	11
22	5	3	3	2	2	2	2	5	6	10	9	11
23	5	3	3	2	2	2	1	6	6	10	10	10
24	5	3	3	2	2	2	2	6	6	11	9	10
25	5	3	3	2	2	2	2	6	6	11	8	10
26	4	3	3	2	2	2	2	6	4	11	9	10
27	4	3	3	2	2	2	3	6	4	11	8	10
28	4	3	3	2	2	2	3	7	4	11	9	10
29	4	3	3	2	2	2	3	7	4	11	9	10
30	4	3	3	2	.....	2	3	7	4	11	8	10
31	4	.....	3	2	.....	2	.....	7	.....	11	8	.....
Mean	6	3	3	2	2	2	2	4	7	7	10	8
Max.	8	4	3	3	2	2	3	7	12	11	23	11
Min.	4	3	2	2	2	2	1	2	4	3	8	6
A. F.	365	198	184	184	115	123	133	286	417	432	617	522
Total Acre-feet 3576.												

REPORT OF THE STATE ENGINEER

SCOUT CREEK—Sec. 20-14-30 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	1	1	0	2	0	0	1	1	1	6	1
2	8	1	1	0	2	0	0	1	3	0	5	1
3	6	1	1	0	2	0	0	1	7	1	4	1
4	4	1	1	0	2	0	0	0	12	1	5	1
5	2	1	1	0	2	0	0	0	10	1	9	1
6	1	1	1	0	2	0	0	1	8	0	8	1
7	1	1	1	0	2	0	0	9	6	0	8	1
8	1	1	1	0	2	0	0	8	6	0	7	1
9	1	1	1	0	2	0	0	7	7	1	4	1
10	1	1	1	0	2	0	0	6	5	1	3	1
11	0	1	1	1	2	0	0	3	2	1	3	1
12	0	1	1	1	2	0	0	6	5	1	2	1
13	0	1	1	1	2	0	0	5	4	1	1	1
14	0	1	1	1	2	0	0	5	4	1	1	1
15	0	1	1	1	2	0	0	6	2	0	1	1
16	0	1	0	1	1	0	0	6	2	1	1	1
17	0	1	0	1	1	0	0	1	6	1	1	1
18	0	1	0	1	1	0	0	6	8	1	1	1
19	0	1	0	1	1	0	0	4	3	2	1	1
20	0	1	0	1	1	0	0	3	5	1	1	2
21	1	1	0	2	1	0	0	4	1	1	8	1
22	1	1	0	2	1	0	0	3	2	1	3	1
23	1	1	0	2	1	0	0	3	3	1	1	1
24	1	1	0	2	1	0	0	1	3	1	1	1
25	1	1	0	2	1	0	0	1	1	1	1	1
26	1	1	0	2	1	0	0	2	1	1	1	1
27	1	1	0	2	1	0	0	2	1	1	1	2
28	1	1	0	2	1	0	0	1	1	1	1	2
29	1	1	0	2	1	0	0	1	1	3	1	1
30	1	1	0	2	1	0	0	2	1	4	1	10
31	1	1	0	2	1	0	0	7	1	1	1	1
Mean	2	1	0.5	1	2	0	0	4	4	1	3	1
Max.	10	1	1.0	2	2	0	0	9	12	4	9	10
Min.	0	1	0.0	0	1	0	0	0	1	0	1	1
A. F.	91	59	30.0	63	87	0	0	216	240	69	182	91
Total Acre-feet 1132.												

SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.6	61	59	53	50	54	46	48.0	2.3	1.9	1.6	3.1
2	2.6	59	59	54	51	55	50	47.0	2.8	2.0	1.6	3.6
3	4.7	59	59	54	52	58	47	46.0	2.5	1.6	2.3	3.6
4	5.5	59	57	52	52	55	46	45.0	2.5	1.6	2.2	3.1
5	5.5	59	56	52	52	54	46	1.6	5.5	1.9	1.9	85.0
6	6.1	62	57	52	54	54	45	1.3	2.2	1.9	1.9	3.9
7	5.5	63	57	51	52	53	48	2.8	1.9	1.0	2.0	3.9
8	5.5	64	57	52	50	53	47	4.1	2.6	1.3	1.9	2.6
9	4.7	64	57	51	51	53	62	3.2	58.6	1.9	1.8	2.5
10	4.7	58	57	51	48	52	49	4.5	57.0	2.0	1.6	2.3
11	4.7	62	57	52	49	51	46	4.3	52.0	2.2	2.0	2.2
12	4.7	64	58	54	50	51	45	3.2	50.0	3.0	1.9	1.8
13	4.5	66	58	52	48	51	86	2.8	49.0	3.0	1.9	1.9
14	41.0	65	56	52	49	50	62	3.2	7.8	1.6	2.2	2.0
15	68.0	62	56	52	49	50	54	2.5	2.2	1.6	2.2	1.9
16	67.0	62	56	52	50	50	51	4.3	1.9	1.6	2.2	1.9
17	67.0	65	54	52	50	48	51	4.3	1.5	1.5	2.0	1.9
18	68.0	62	54	51	50	50	49	2.5	1.8	1.5	2.0	1.8
19	68.0	62	54	52	50	50	50	3.2	1.8	1.6	2.0	1.8
20	66.0	62	53	50	50	50	50	2.3	1.8	1.6	2.0	1.8
21	66.0	62	54	50	51	48	50	3.9	1.9	1.9	2.3	1.6
22	67.0	63	55	51	50	48	50	2.8	2.0	1.9	2.2	1.5
23	67.0	63	54	50	57	48	52	2.0	2.0	1.9	2.0	1.2
24	67.0	61	55	50	55	49	50	1.9	1.9	1.6	2.3	1.2
25	68.0	60	56	48	55	49	52	1.8	2.2	1.6	2.3	1.5
26	67.0	61	54	50	56	48	49	2.0	2.0	1.6	2.3	1.8
27	67.0	60	51	49	54	47	49	1.9	2.0	1.6	2.6	1.6
28	67.0	59	52	49	54	46	45	1.5	1.9	1.1	2.6	1.6
29	67.0	57	54	50	54	46	48	2.3	1.8	1.6	2.6	1.5
30	66.0	57	54	51	.....	48	49	2.0	1.6	1.6	3.0	1.5
31	60.0	.....	52	50	.....	47	.....	2.0	.....	1.6	3.0	.....
Mean	39.8	61	56	51	52	50	51	8.4	10.9	1.8	2.1	4.0
Max.	68.0	66	59	54	57	58	86	48.0	58.0	3.0	3.0	85.0
Min.	2.6	57	51	48	48	46	45	1.3	1.5	1.0	1.6	1.2
A. F.	2450.0	3660	3420	3150	2960	3110	3030	516.0	647.0	108.0	132.0	290.0
Total Acre-feet 23,470.												

DEPARTMENT OF ROADS AND IRRIGATION

827

SILVERNAIL DRAIN—Sec. 6-19-40 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	6	6	6	3	4	4	6	4	4	6	6
2	7	6	6	6	3	4	4	6	4	4	6	6
3	7	6	6	6	3	4	5	6	4	4	6	6
4	7	6	6	6	3	4	5	6	4	4	6	6
5	7	6	6	6	3	4	5	6	4	4	6	6
6	7	6	5	6	3	4	5	6	4	5	6	6
7	7	6	5	6	3	4	5	6	4	5	6	6
8	7	6	5	6	3	4	5	6	4	5	6	6
9	7	6	5	6	3	4	5	6	4	5	6	6
10	7	6	5	6	3	4	5	7	4	5	6	6
11	7	5	5	6	4	4	5	7	4	5	6	6
12	7	5	5	6	4	4	5	15	4	5	6	6
13	7	5	5	6	4	4	5	23	4	5	6	6
14	7	5	5	6	4	4	5	13	7	4	6	6
15	7	5	5	6	4	4	6	4	11	4	6	6
16	6	5	5	5	5	4	6	4	11	4	6	6
17	6	5	5	5	5	4	6	4	8	5	6	6
18	6	6	5	5	5	4	6	4	4	6	6	6
19	6	6	5	5	5	4	6	4	4	6	6	6
20	6	7	5	5	5	4	6	4	4	6	6	6
21	6	7	5	4	5	4	6	4	4	6	6	6
22	6	7	5	4	5	4	6	4	4	6	6	6
23	6	7	5	4	5	4	6	4	4	6	6	6
24	6	7	5	4	5	4	6	4	4	6	6	6
25	6	7	5	4	5	4	6	4	4	6	6	6
26	6	6	5	4	5	4	6	4	4	6	6	6
27	6	6	5	4	5	4	6	4	4	6	6	6
28	6	6	5	4	5	4	6	4	4	6	6	6
29	6	6	5	4	5	4	6	4	4	6	6	6
30	6	6	5	4	.....	4	6	4	4	6	6	6
31	6	.....	5	4	.....	4	.....	4	.....	6	6	.....
Mean	6	6	5	5	4	4	6	6	5	5	6	6
Max.	7	7	6	6	5	4	6	23	11	6	6	6
Min.	6	5	5	4	3	4	4	4	4	4	6	6
A. F.	399	355	317	315	238	246	325	371	280	296	369	357
Total Acre-feet	3868.											

SKUNK CREEK—Sec. 1-14-37 W.
Year Ending September 30, 1938

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	2	1	3	5	2	1	1	2	2	2	2
2	2	2	1	3	5	2	1	1	2	2	2	2
3	2	2	1	3	5	2	1	1	2	2	2	2
4	2	2	1	3	5	2	1	1	2	2	2	2
5	2	2	1	3	5	2	1	1	2	2	2	2
6	2	2	1	3	5	1	1	1	2	2	2	2
7	2	2	1	3	5	1	1	1	2	2	2	2
8	2	2	1	3	5	1	1	1	2	2	2	2
9	2	2	1	3	5	1	1	1	2	2	2	2
10	2	2	1	3	5	1	1	1	2	2	2	2
11	2	2	1	3	5	1	1	1	2	2	2	3
12	2	2	1	3	5	1	1	1	2	2	2	3
13	2	2	1	3	5	1	1	1	2	2	2	3
14	2	2	1	3	5	1	1	1	2	2	2	3
15	2	2	1	3	5	1	1	1	2	2	2	3
16	2	1	2	4	6	1	1	1	2	2	2	3
17	2	1	2	4	6	1	1	1	2	2	2	3
18	2	1	2	4	6	1	1	1	2	2	2	3
19	2	1	2	4	6	1	1	1	2	2	2	3
20	2	1	2	4	6	1	1	1	2	2	2	3
21	2	1	2	4	6	1	1	1	2	2	2	3
22	2	1	2	4	6	1	1	1	2	2	2	3
23	2	1	2	4	6	1	1	1	2	2	2	3
24	2	1	2	4	6	1	1	1	2	2	2	3
25	2	1	2	4	6	1	1	1	2	2	2	3
26	2	1	2	4	4	1	1	1	2	2	2	3
27	2	1	2	4	4	1	1	1	2	2	2	3
28	2	1	2	4	4	1	1	1	2	2	2	3
29	2	1	2	4	4	1	1	1	2	2	2	3
30	2	1	2	4	.....	1	1	1	2	2	2	3
31	2	.....	2	4	.....	1	.....	1	.....	2	2	.....
Mean	2	2	2	4	5	1	1	1	2	2	2	3
Max.	2	2	2	4	6	2	1	1	2	2	2	3
Min.	2	1	1	3	4	1	1	1	2	2	2	2
A. F.	123	89	93	216	300	71	60	62	119	123	123	159
Total Acre-feet	1538.											

REPORT OF THE STATE ENGINEER

SPOTTED TAIL CREEK, DRY—Sec. 28-23-56 W.

Date	Year Ending September 30, 1936							June	July	Aug.	Sept.	
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.					May
1	21	27	24	21	19	17	17	20	34	24	20	21
2	20	27	24	21	19	17	17	18	26	27	20	21
3	20	27	24	21	18	17	16	18	25	22	22	20
4	20	27	24	21	18	17	16	18	26	28	21	24
5	20	27	24	21	18	17	16	19	32	30	22	19
6	20	28	24	21	18	17	16	18	34	31	22	22
7	20	28	24	21	18	17	16	15	36	31	21	24
8	20	28	24	21	18	17	16	21	32	35	21	22
9	20	28	24	21	17	17	16	21	64	29	21	21
10	20	28	24	21	17	17	15	21	33	31	20	17
11	22	28	23	21	17	17	15	20	40	28	21	20
12	24	29	23	21	17	17	15	21	33	33	21	22
13	26	29	23	21	17	17	15	21	32	33	20	22
14	27	28	23	21	16	17	15	21	28	32	21	26
15	28	28	23	21	16	17	15	20	28	35	21	25
16	28	28	22	21	16	18	15	20	27	36	20	25
17	28	28	22	21	16	18	15	18	28	33	19	24
18	28	28	22	21	16	18	14	18	26	34	20	25
19	28	28	22	21	16	18	15	17	27	36	18	21
20	28	28	22	21	16	18	15	16	26	36	18	21
21	28	26	21	21	16	18	14	17	28	40	17	23
22	28	24	21	20	16	18	15	15	32	36	18	24
23	27	20	21	20	16	18	14	22	29	21	15	22
24	27	22	21	20	16	18	14	22	28	37	17	22
25	27	24	21	20	16	18	14	21	29	36	18	23
26	27	24	21	20	16	18	14	25	30	32	17	24
27	27	24	21	20	16	17	15	27	31	36	21	24
28	27	24	21	19	17	17	15	29	34	36	22	23
29	27	24	21	19	17	17	15	34	34	0	23	21
30	27	24	21	19	.....	17	16	28	25	22	24	12
31	27	.....	21	19	.....	17	.....	34	.....	25	21	.....
Mean	25	26	22	25	17	17	15	21	31	30	20	22
Max.	28	29	24	21	19	18	17	34	64	40	24	26
Min.	20	20	21	19	16	17	14	15	25	0	15	12
A. F.	1521	1573	1381	1263	970	1067	904	1299	1859	1874	1234	1311
Total Acre-feet	16256.											

SPOTTED TAIL CREEK, WET—Sec. 6-22-55 W.

Date	Year Ending September 30, 1936							June	July	Aug.	Sept.	
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.					May
1	14	12	13	12	11	12	14	13	23	11	13	15
2	14	12	13	12	11	12	14	14	22	11	13	13
3	14	12	13	12	11	12	14	14	21	11	13	13
4	14	12	13	12	11	12	13	15	21	11	13	13
5	14	12	13	12	11	12	13	15	20	11	13	13
6	13	12	13	12	11	12	13	14	20	12	13	13
7	13	12	13	12	11	12	13	15	19	12	13	13
8	13	12	13	12	11	12	13	16	19	12	13	13
9	13	12	13	12	11	12	13	16	18	12	12	13
10	13	12	13	12	11	12	12	16	18	12	12	13
11	12	12	13	12	11	13	12	16	17	12	12	14
12	12	12	13	12	11	13	12	16	17	13	12	14
13	12	12	13	12	11	13	12	16	16	13	12	14
14	12	12	13	12	11	13	12	17	16	13	12	14
15	12	12	13	12	11	13	12	17	16	13	12	14
16	12	12	13	12	11	13	12	17	15	13	11	14
17	12	12	13	12	11	13	12	17	15	13	11	14
18	12	12	13	12	11	13	12	18	15	13	11	14
19	12	12	13	12	11	13	12	18	15	13	11	14
20	12	12	13	12	11	13	12	18	14	13	11	14
21	12	12	12	12	11	14	12	19	14	13	11	14
22	12	12	12	12	11	14	12	20	14	13	11	14
23	12	12	12	12	11	14	12	20	14	13	12	14
24	12	12	12	12	11	14	13	20	13	13	12	14
25	12	12	12	12	11	14	13	21	13	13	12	14
26	12	12	12	12	11	14	13	21	13	13	12	14
27	12	12	12	12	11	14	13	21	13	13	12	14
28	12	12	12	12	11	14	13	22	12	13	12	14
29	12	12	12	12	11	14	13	22	12	13	12	14
30	12	12	12	12	.....	14	13	22	12	13	12	14
31	12	.....	12	12	.....	14	.....	23	.....	13	12	.....
Mean	12	12	13	12	11	13	13	18	16	12	12	14
Max.	14	12	13	12	11	14	14	23	23	13	13	14
Min.	12	12	12	12	11	12	12	13	12	11	11	13
A. F.	768	714	778	738	633	801	752	1089	966	768	740	813
Total Acre-feet	9560.											

SPRING CREEK—Sec. 4-23-58 W.
 Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	10	10	9	10	12	9	8	8	3	3	4
2	10	10	10	9	10	11	9	8	8	3	3	4
3	10	10	10	8	10	11	9	8	9	3	3	4
4	10	10	10	8	10	11	9	8	9	3	3	4
5	10	10	10	8	10	11	9	8	9	3	3	4
6	10	10	10	8	10	11	9	8	9	3	3	4
7	10	10	10	8	11	11	9	8	9	3	3	4
8	10	10	10	8	11	11	8	8	10	3	3	4
9	10	10	10	8	11	11	8	8	10	3	3	4
10	10	10	10	8	11	11	8	8	10	4	3	4
11	10	10	10	8	11	10	8	7	10	4	3	3
12	10	10	10	8	11	10	8	7	10	4	3	3
13	10	10	10	8	11	10	8	7	10	4	3	3
14	10	10	10	8	11	10	8	7	9	4	3	3
15	10	10	10	8	11	10	8	7	9	4	3	3
16	10	10	10	8	11	10	8	7	9	4	3	3
17	10	10	10	9	11	10	8	7	8	4	3	3
18	10	10	10	9	12	10	8	6	8	4	3	3
19	10	10	10	9	12	9	8	6	8	4	3	3
20	10	10	9	9	12	9	8	6	7	4	3	3
21	10	10	9	9	12	9	8	6	7	4	3	3
22	10	10	9	9	12	9	8	6	7	4	3	3
23	10	10	9	9	12	9	8	6	6	4	3	3
24	10	10	9	9	12	9	8	7	6	4	3	3
25	10	10	9	9	12	9	8	7	6	3	3	3
26	10	10	9	9	12	9	8	7	5	3	3	3
27	10	10	9	9	12	9	8	7	5	3	4	3
28	10	10	9	10	12	9	8	7	5	3	4	3
29	10	10	9	10	12	9	8	8	4	3	4	3
30	10	10	9	10	.....	9	8	8	4	3	4	3
31	10	.....	9	10	.....	9	.....	8	.....	3	4	.....
Mean	10	10	10	9	11	10	8	7	8	3	3	3
Max.	10	10	10	10	12	12	9	8	10	4	4	4
Min.	10	10	9	8	10	9	8	6	4	3	3	3
A. F.	615	595	593	584	645	613	490	444	464	214	191	198
Total Acre-feet	5595.											

 STREVER CREEK—Sec. 1-8-20 W.
 Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	14	10	8	10	11	9	16	37	4	44	0
2	7	14	10	8	10	11	9	18	37	3	45	0
3	8	13	10	8	10	11	9	16	35	3	47	0
4	10	13	10	8	10	11	9	19	36	3	44	0
5	11	13	10	8	10	12	9	13	40	2	45	0
6	13	13	10	8	10	12	10	13	34	0	44	0
7	14	12	10	8	10	12	10	10	32	0	41	0
8	16	12	10	8	10	12	10	31	31	0	35	0
9	17	12	10	8	10	12	10	69	37	1	27	0
10	19	11	10	8	10	12	10	71	38	0	19	0
11	19	11	8	8	10	12	10	79	36	0	5	0
12	19	11	8	8	10	11	10	55	33	0	0	0
13	19	10	8	8	10	11	9	43	35	0	0	0
14	18	10	8	8	10	11	8	40	34	0	0	0
15	18	10	8	8	10	10	7	39	31	0	0	0
16	18	10	8	8	10	10	6	38	26	0	0	0
17	18	10	8	8	10	9	6	34	25	0	0	0
18	17	10	8	8	10	9	6	29	23	0	0	0
19	17	10	8	8	10	8	9	27	23	12	0	0
20	17	10	8	8	10	8	12	32	18	20	0	0
21	17	10	8	8	10	8	13	27	15	14	0	0
22	16	10	8	8	10	8	13	31	15	19	0	0
23	16	10	8	8	10	8	9	53	14	4	0	0
24	16	10	8	8	10	8	8	99	12	0	0	0
25	16	10	8	8	10	8	5	105	10	9	0	0
26	15	10	8	8	10	9	5	88	8	18	0	0
27	15	10	8	8	10	9	11	54	6	25	0	0
28	15	10	8	8	10	9	25	38	6	29	0	0
29	15	10	8	8	10	9	15	39	6	34	0	0
30	14	10	8	10	.....	9	19	39	5	36	0	0
31	14	.....	8	10	.....	9	.....	40	.....	38	0	.....
Mean	15	11	9	8	10	10	10	42	25	9	13	0
Max.	19	14	10	10	10	12	25	105	40	38	47	0
Min.	5	10	8	8	10	8	5	10	5	0	0	0
A. F.	930	653	532	500	575	613	597	2588	1464	543	785	0
Total Acre-feet	9780.											

REPORT OF THE STATE ENGINEER

TOOHEY SPILLWAY—Sec. 19-23-56 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	15	2	1	0	0	10	0	0	0	0	0
2	0	15	2	1	0	0	10	0	0	0	0	0
3	0	15	2	1	0	0	10	0	0	0	0	0
4	0	15	2	1	0	0	10	0	0	0	0	0
5	0	15	2	1	0	0	10	0	0	0	0	0
6	0	10	2	1	0	0	10	0	0	0	0	0
7	0	2	2	1	0	0	10	0	0	0	0	0
8	0	2	2	1	0	0	10	0	0	0	0	0
9	0	2	2	1	0	0	10	0	0	0	0	0
10	0	2	2	1	0	0	10	0	100	0	0	0
11	1	2	2	1	0	0	10	0	80	0	0	0
12	2	2	2	1	0	0	10	0	40	0	0	0
13	4	2	2	1	0	0	10	0	0	0	0	0
14	10	2	2	1	0	0	22	0	0	0	0	0
15	20	2	2	1	0	0	10	0	0	0	0	0
16	20	2	1	0	0	4	9	0	0	0	0	0
17	20	2	1	0	0	4	2	0	0	0	0	0
18	20	2	1	0	0	5	8	0	0	0	0	0
19	20	2	1	0	0	6	12	0	0	0	0	0
20	20	2	1	0	0	6	10	0	0	0	0	0
21	15	2	1	0	0	7	8	0	0	0	0	0
22	15	2	1	0	0	7	10	0	0	0	0	0
23	15	2	1	0	0	8	10	0	0	0	0	0
24	15	2	1	0	0	8	8	0	0	0	0	0
25	15	2	1	0	0	8	2	0	0	0	0	0
26	15	2	1	0	0	8	1	0	0	0	0	0
27	15	2	1	0	0	9	1	0	0	0	0	0
28	15	2	1	0	0	9	0	0	0	0	0	0
29	15	2	1	0	0	9	0	0	0	0	0	0
30	15	2	1	0	0	9	0	0	0	0	0	0
31	15	.....	1	0	.....	9	0	0	0	0	0	0
Mean	10	4	2	0.4	0	4	8	0	7	0	0	0
Max.	20	15	2	1.0	0	9	22	0	100	0	0	0
Min.	0	2	1	0.0	0	0	0	0	0	0	0	0
A. F.	599	264	91	30.0	0	240	486	0	436	0	0	0
Total Acre-feet	2146.											

TUB SPRINGS—Sec. 8-22-55 W.
Year Ending September 30, 1936

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	70	80	35	29	25	24	24	33	47	7	6	6
2	70	80	35	29	25	24	24	32	46	7	6	6
3	69	80	35	29	25	24	24	28	60	8	6	6
4	70	80	36	29	25	24	24	27	63	7	14	6
5	70	80	36	29	25	24	24	30	106	8	6	6
6	80	85	35	28	25	24	24	25	94	7	14	6
7	80	80	35	28	25	24	24	28	84	8	14	6
8	80	80	35	28	25	24	24	21	75	7	18	6
9	80	80	35	28	24	24	24	12	135	7	15	6
10	80	80	35	28	24	24	24	12	107	8	18	6
11	80	60	35	27	24	24	24	23	62	7	12	6
12	80	50	35	27	24	24	24	3	48	9	6	6
13	80	39	35	27	24	24	23	2	46	8	6	6
14	90	37	35	27	24	24	19	4	66	7	6	6
15	96	37	35	27	24	24	19	1	69	6	6	7
16	86	37	34	27	23	24	90	4	70	10	6	23
17	80	37	34	27	23	24	33	1	66	6	6	25
18	80	37	34	27	23	24	84	1	61	15	6	34
19	80	37	34	27	23	24	84	4	52	22	6	33
20	80	37	34	27	23	24	70	4	18	7	6	23
21	80	36	34	26	23	24	63	5	39	7	5	15
22	72	36	34	26	23	24	61	5	18	6	5	15
23	72	35	32	26	23	24	58	7	6	7	6	15
24	72	35	32	26	23	24	55	3	6	7	6	16
25	72	35	32	26	23	24	54	6	6	6	5	16
26	72	35	30	26	23	24	55	1	6	6	5	51
27	72	35	30	26	23	24	53	1	8	6	6	48
28	72	35	30	26	23	24	52	4	7	6	6	59
29	72	35	30	26	23	24	36	1	10	6	6	56
30	72	85	20	26	.....	24	35	46	7	6	6	51
31	75	.....	30	26	.....	24	.....	44	.....	7	6	.....
Mean	77	52	34	27	24	24	41	13	50	8	8	19
Max.	96	85	36	29	25	24	90	46	135	22	18	59
Min.	70	35	30	26	23	24	19	1	6	6	5	6
A. F.	4729	3104	2065	1668	1369	1476	2444	829	2951	478	486	1139
Total Acre-feet	22738.											

WHITE HORSE CREEK—Sec. 5-13-20 W.

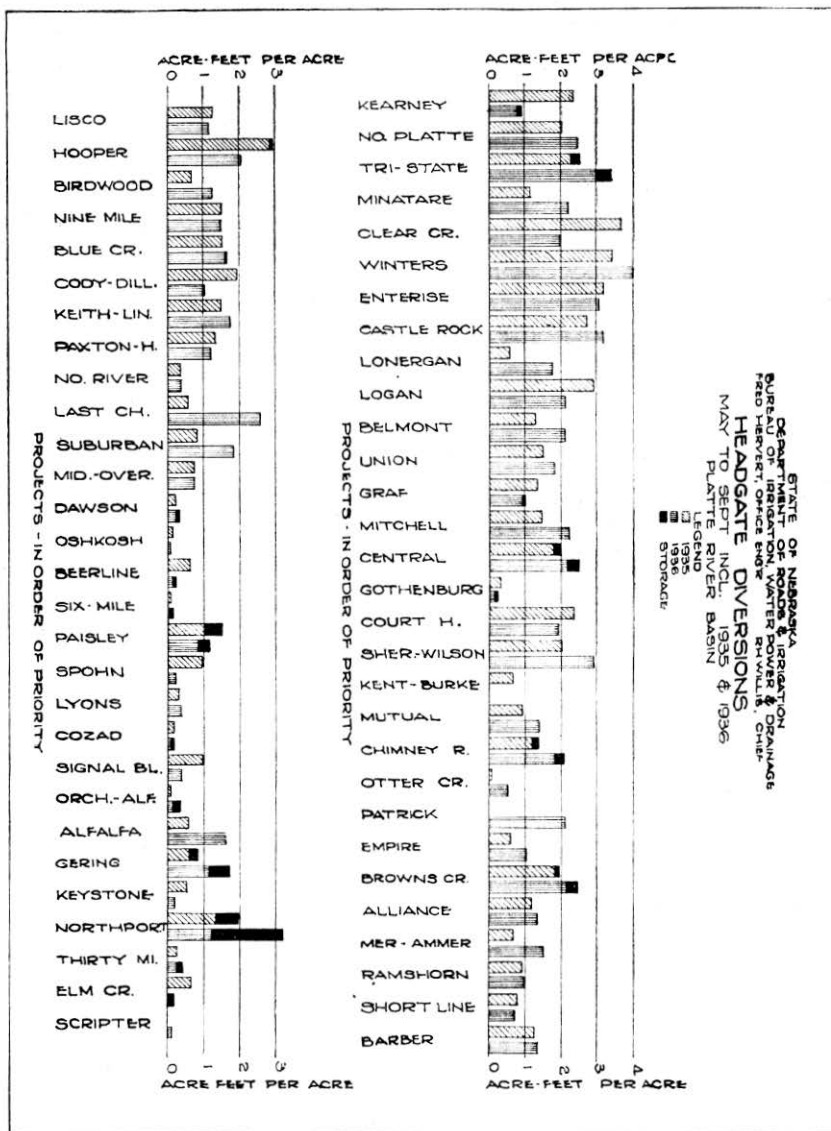
Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	5	5	14	6	17	39	35	10	2	0	1
2	5	5	5	14	6	17	39	24	10	1	1	1
3	5	5	5	14	6	17	39	19	9	1	0	1
4	5	5	5	14	6	17	39	15	9	1	1	1
5	5	5	5	14	6	17	39	12	18	0	1	3
6	6	5	5	14	6	30	39	10	31	1	2	3
7	6	5	5	14	6	30	39	9	30	0	1	3
8	6	5	5	14	6	30	39	41	26	0	1	2
9	6	5	5	14	6	30	39	84	16	1	0	1
10	6	5	5	14	6	30	39	84	26	0	1	1
11	6	5	5	10	7	30	39	72	22	0	0	2
12	6	5	5	10	7	30	33	51	14	1	0	3
13	6	5	5	10	7	30	27	35	10	0	0	2
14	6	5	5	10	7	30	21	22	8	0	0	3
15	6	5	5	10	7	30	20	18	6	1	0	2
16	6	5	5	10	7	33	18	15	5	0	0	1
17	6	5	5	10	7	33	16	12	1	0	0	2
18	6	5	5	10	7	33	15	11	1	0	0	2
19	6	5	5	6	7	33	15	10	4	0	0	3
20	6	5	5	6	7	33	13	8	3	0	1	2
21	6	5	5	6	8	33	12	7	3	0	0	2
22	6	5	5	6	8	33	12	8	3	0	1	2
23	6	5	5	6	8	33	11	10	2	0	1	2
24	6	5	5	6	8	33	11	11	2	0	1	2
25	6	5	5	6	8	33	11	11	1	0	1	2
26	6	5	10	6	8	36	14	9	2	0	1	2
27	6	5	10	6	8	36	16	8	1	0	1	3
28	6	5	10	6	8	36	16	8	1	0	2	4
29	6	5	10	6	8	36	16	11	2	0	2	4
30	6	5	10	6	6	36	30	13	1	1	1	5
31	6	.....	10	6	.....	36	.....	12	.....	1	1	.....
Mean	6	5	6	10	7	30	25	22	9	0.4	0.7	2
Max.	6	5	10	14	8	36	39	84	31	2.0	2.0	3
Min.	5	5	5	6	6	17	11	7	1	0.0	1.0	1
A. F.	359	298	367	591	401	1847	1500	1379	549	22.0	42.0	133
Total Acre-feet	7488.											

WHITE RIVER AT CRAWFORD—Sec. 9-31-32 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	28	21	23	21	46	23	27	20	11.0	11.0	9.2
2	14	21	22	23	23	46	19	26	24	11.0	11.0	8.6
3	14	20	22	23	22	35	21	26	23	10.0	10.0	10.0
4	14	21	25	21	23	30	27	26	31	9.8	13.0	759.0
5	15	25	18	21	22	28	27	25	31	10.0	13.0	37.0
6	15	28	25	17	19	27	24	25	24	8.9	12.0	17.0
7	16	27	22	15	16	27	26	24	22	8.6	12.0	15.0
8	17	25	20	18	18	27	28	26	21	8.3	11.0	13.0
9	17	23	21	18	22	27	35	24	36	9.5	9.2	12.0
10	18	25	24	24	26	26	27	25	25	8.9	10.0	13.0
11	18	28	26	23	27	26	26	20	23	8.1	3.9	12.0
12	18	31	21	26	26	28	25	24	21	10.0	8.3	11.0
13	18	27	22	18	26	27	25	24	20	13.0	12.0	10.0
14	19	30	20	26	24	26	25	24	20	12.0	12.0	9.8
15	19	25	24	24	24	25	25	24	19	11.0	9.5	8.2
16	19	23	14	22	23	25	24	24	17	12.0	8.3	10.0
17	20	25	26	19	24	25	24	23	17	7.3	8.3	10.0
18	20	24	21	32	23	25	24	23	17	9.5	7.6	9.8
19	20	23	22	17	22	24	24	23	17	8.6	7.6	10.0
20	21	23	14	18	22	23	24	23	15	8.3	8.3	10.0
21	22	22	24	20	23	24	24	22	15	8.6	12.0	12.0
22	22	23	26	23	23	24	25	23	15	8.9	12.0	9.8
23	24	23	24	26	24	24	24	27	15	8.1	10.0	9.5
24	23	22	24	25	24	26	25	23	14	7.3	9.2	11.0
25	23	21	30	23	25	25	24	22	13	7.3	6.8	10.0
26	23	21	26	26	29	25	26	21	12	8.1	8.1	16.0
27	24	26	21	16	30	24	25	20	12	7.8	9.5	14.0
28	24	22	23	19	34	24	25	20	12	8.1	13.0	13.0
29	24	21	26	25	34	24	27	20	12	8.6	12.0	13.0
30	24	22	28	18	.....	28	28	20	12	8.6	11.0	13.0
31	25	.....	22	20	.....	19	.....	20	.....	9.5	8.9	.....
Mean	20	24	22	22	24	27	25	23	19	9.2	10.0	37.2
Max.	25	31	30	32	34	46	35	27	36	13.0	13.0	759.0
Min.	11	20	14	15	16	19	19	20	12	7.3	3.9	8.3
A. F.	1200	1430	1370	1330	1390	1670	1510	1440	1140	569.0	616.0	2210.0
Total Acre-feet	15,880.											

WINTERS CREEK—Sec. 19-22-54 W.

Date	Year Ending September 30, 1936											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	80	52	67	45	52	46	42	51	18	34	41	108
2	44	56	67	45	52	46	42	54	16	24	41	99
3	34	52	64	45	52	46	27	57	26	25	61	98
4	36	52	59	47	52	45	30	40	21	52	69	106
5	36	49	52	47	51	44	30	17	45	22	65	103
6	39	49	54	45	49	44	32	10	31	19	71	113
7	66	50	54	45	48	44	34	9	55	16	71	107
8	66	53	51	47	47	44	35	15	210	18	73	52
9	77	56	48	47	48	44	36	14	211	22	69	50
10	79	50	47	47	49	44	38	21	132	25	44	42
11	84	52	45	47	48	42	42	30	61	19	39	56
12	85	32	48	47	47	44	42	19	55	37	40	43
13	78	32	49	47	47	44	41	10	56	48	43	56
14	86	34	49	46	47	44	44	10	58	37	50	61
15	81	34	49	47	47	44	41	9	66	52	44	58
16	64	34	48	47	45	43	52	8	56	66	44	61
17	59	34	47	46	45	44	49	8	26	56	47	61
18	56	33	49	46	45	44	52	7	16	58	42	61
19	56	33	47	49	45	44	52	7	16	54	43	54
20	54	34	47	54	45	44	52	7	18	58	56	54
21	51	40	52	54	45	42	52	7	23	50	58	49
22	51	38	52	54	46	43	46	8	10	46	55	53
23	51	40	53	56	47	42	41	8	9	51	63	44
24	51	40	53	56	47	42	39	10	9	44	62	58
25	52	40	51	56	46	42	37	10	9	38	50	65
26	54	52	49	54	46	44	40	10	8	56	57	67
27	57	55	47	54	44	43	40	9	23	50	52	62
28	54	55	45	54	46	41	47	14	60	46	92	55
29	52	58	49	54	46	42	55	17	58	44	97	56
30	52	61	45	54	.....	42	54	20	58	47	100	52
31	49	.....	44	54	.....	41	.....	34	.....	44	102	.....
Mean	59	45	51	50	47	44	42	18	49	41	59	67
Max.	86	61	67	56	52	46	55	57	211	66	102	113
Min.	34	32	44	45	44	41	27	7	8	16	39	42
A. F.	3640	2680	3140	3050	2720	2670	2510	1090	2900	2500	3650	3970
Total Acre-feet	34,520.											



DISCHARGE IN SECOND-FEET OF CANALS, 1935

ALFALFA CANAL

Date	Diverted from North Platte River					
	Apr.	May	June	July	Aug.	Sept.
1	0	3	0	0	0	0
2	0	6	0	0	0	0
3	0	0	0	0	0	0
4	0	13	0	0	0	0
5	0	2	0	0	0	0
6	0	21	0	0	0	32
7	0	2	0	0	0	20
8	0	6	0	0	0	21
9	0	3	0	27	0	35
10	0	2	0	33	0	41
11	10	0	0	29	0	44
12	15	0	0	28	0	46
13	20	0	0	41	0	44
14	43	0	0	32	0	35
15	40	0	0	37	0	30
16	40	0	0	45	0	30
17	45	2	0	0	0	30
18	43	4	0	0	0	31
19	43	4	0	0	0	30
20	37	4	0	6	0	30
21	25	4	0	0	0	37
22	10	6	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	4	0	0	0	0
27	0	4	0	0	0	3
28	0	4	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	.....	0	.....	0	.....	.....
Mean	12	3	0	9	0	18
Max.	45	21	0	45	0	46
Min.	0	0	0	0	0	0
A. F.	736	196	0	551	0	1069

Area reported 3085 acres

Water used 2542 A. F. Per acre 0.82 A. F.

ALLIANCE CANAL

Date	Diverted from Bayard Sugar Factory						Drain	
	Oct.	Nov.	Apr.	May	June	July		
1	10	0	0	0	0	21	0	23
2	10	0	0	0	0	26	0	20
3	10	0	0	0	0	23	0	15
4	10	0	0	0	0	23	0	0
5	10	0	0	0	0	34	0	0
6	6	0	0	0	0	23	0	6
7	6	0	0	0	0	31	0	10
8	9	0	0	0	0	31	0	13
9	3	5	0	0	0	32	0	15
10	2	10	0	0	0	37	0	13
11	0	12	0	0	0	29	0	12
12	0	10	0	0	0	29	0	13
13	0	10	0	0	0	31	0	13
14	0	10	0	0	0	30	0	0
15	0	10	0	0	0	29	0	1
16	0	10	0	0	0	32	0	0
17	0	10	0	0	0	28	0	1
18	0	10	0	0	0	26	0	1
19	0	6	0	0	10	34	0	9
20	0	4	0	0	9	26	0	11
21	0	5	0	0	9	24	0	10
22	0	5	0	0	9	24	0	8
23	0	5	9	0	14	27	0	9
24	0	5	17	0	15	26	0	13
25	0	5	16	0	16	26	0	11
26	0	5	0	0	16	23	0	10
27	0	5	0	0	16	23	0	12
28	0	5	0	0	23	23	0	7
29	0	5	0	0	23	24	10	9
30	0	2	0	0	23	22	15	8
31	0	.....	.....	0	.....	22	16	.....
Mean	2	5	1	0	6	27	1	9
Max.	10	12	17	0	23	37	16	23
Min.	0	0	0	0	0	21	0	0
A. F.	151	307	81	0	363	1664	62	541

Area reported 2174 acres

Water used 3172 A. F. Per acre 1.46 A. F.

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DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

ALLIANCE CANAL										
Date	Diverted from		Red	Willow	Creek	July	Aug.	Sept.		
	Oct.	Nov.							Apr.	May	June
1	20	24	5	0	0	24	0	41		
2	20	29	5	0	0	13	0	41		
3	20	24	5	0	0	26	0	40		
4	20	20	5	0	0	27	0	37		
5	20	20	5	0	0	30	0	35		
6	15	20	8	0	0	32	0	38		
7	15	20	8	0	0	32	0	45		
8	15	20	8	0	0	29	0	53		
9	15	20	8	0	0	28	0	47		
10	15	20	8	0	0	26	0	57		
11	10	20	0	0	17	27	0	45		
12	10	20	0	0	0	21	0	39		
13	10	20	0	0	0	25	0	37		
14	11	20	0	0	0	26	0	38		
15	11	20	0	0	0	24	0	37		
16	12	22	0	0	0	28	0	37		
17	12	22	0	0	0	29	0	38		
18	12	22	0	0	0	30	0	38		
19	12	22	10	0	0	30	0	37		
20	12	22	10	0	0	31	0	37		
21	15	24	15	0	16	34	0	36		
22	15	24	19	0	13	28	0	40		
23	15	24	17	0	14	28	0	42		
24	15	24	15	0	14	30	0	53		
25	15	24	0	0	17	32	0	47		
26	20	20	0	0	17	36	0	49		
27	20	18	0	0	21	42	0	43		
28	20	15	0	0	21	38	0	41		
29	20	10	0	0	23	38	10	43		
30	20	10	0	0	28	42	39	43		
31	20	.....	.....	0	.....	42	47	.....	
Mean	15	21	5	0	6	30	3	41		
Max.	20	29	19	0	28	42	47	57		
Min.	10	10	0	0	0	18	0	35		
A. F.	956	1230	299	0	398	1862	190	2495		

Area reported 4133 acres Water used 7430 A. F.
Per acre 1.80 A. F.

ATKINS-POLLY CANAL						
Diverted from Lodgepole Creek						
Date	May	June	July	Aug.	Sept.	
1	0	0	0	2	1	
2	0	0	0	0	1	
3	0	0	0	0	1	
4	0	0	0	0	1	
5	0	0	0	0	1	
6	0	0	0	0	1	
7	0	1	0	0	1	
8	0	1	0	0	1	
9	0	1	0	0	1	
10	0	1	0	0	1	
11	0	2	1	1	1	
12	0	2	1	1	1	
13	0	2	1	1	1	
14	0	2	1	1	1	
15	0	2	1	1	1	
16	0	3	1	1	1	
17	0	2	1	1	1	
18	0	3	1	1	1	
19	0	2	1	1	1	
20	0	2	1	1	1	
21	0	2	1	1	1	
22	0	2	1	1	1	
23	0	1	1	1	1	
24	0	0	1	1	1	
25	0	0	1	1	1	
26	0	1	1	1	1	
27	0	1	1	1	1	
28	0	1	1	1	1	
29	0	1	1	1	1	
30	0	1	1	1	1	
31	0	1	2	.....	.....
Mean	0	1	1	1	1	
Max.	0	3	2	1	1	
Min.	0	0	0	0	1	
A. F.	0	73	48	60	.....

Area reported 93 acres D-344 30 Acres
Water used 181 A. F. D-342 55 Acres
Per acre 1.95 A. F. A-897-R 8 Acres
*No record. Total 93 Acres

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	BARBER CANAL							BEERLINE CANAL				
	Diversed from			Clear Creek				Diversed from North Platte R.				
	Oct.	Nov.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	6	6	0	0	10	0	6	0	9	5	0	3
2	6	6	0	0	9	0	6	0	0	9	0	4
3	6	6	0	0	10	0	6	0	15	5	0	5
4	6	6	0	0	10	0	6	0	11	5	0	4
5	6	6	0	0	10	0	6	0	12	4	0	4
6	6	7	0	0	9	5	6	0	12	6	0	4
7	6	7	0	0	10	6	6	6	12	6	0	4
9	6	7	0	0	0	0	6	7	12	7	0	5
8	6	7	0	0	0	0	6	8	10	7	0	3
10	6	7	0	0	0	5	6	8	10	6	0	3
11	7	8	0	0	0	5	6	8	8	10	0	2
12	7	8	0	0	0	5	6	8	10	8	0	2
13	7	8	0	0	0	5	6	9	12	9	0	2
14	7	8	0	0	0	0	6	9	13	9	0	1
15	7	8	0	0	0	0	6	9	13	9	0	1
16	7	8	0	0	9	0	8	8	13	12	0	1
17	7	8	0	0	9	0	7	8	11	10	0	1
18	7	8	0	0	8	0	7	8	10	4	0	1
19	7	8	0	0	6	6	8	8	8	0	0	1
20	7	8	0	0	6	6	8	8	6	0	0	1
21	8	6	0	0	5	6	8	10	6	0	0	1
22	8	6	0	0	5	0	8	12	5	0	0	1
23	8	6	0	0	6	0	8	12	0	0	0	1
24	8	6	0	0	6	0	8	10	3	0	0	0
25	8	6	0	0	6	0	8	10	0	0	0	0
26	8	4	0	0	6	5	0	9	0	0	0	0
27	8	4	0	0	6	6	0	9	0	0	0	0
28	8	4	0	0	6	6	0	11	6	6	0	0
29	8	4	0	0	5	6	0	11	5	7	0	0
30	8	4	0	0	9	6	8	9	5	0	0	0
31	8	4	0	0	0	0	0	9	0	0	0	0
Mean	7	6	0	0.5	5	3	6	7	8	5	0	2
Max.	8	8	0	9	10	6	8	12	15	12	0	5
Min.	6	4	0	0	0	0	0	0	0	0	0	0
A. F.	432	387	0	34	323	155	361	444	490	286	0	108
Area reported	695 acres				A-1111 80 Acres			Area reported 2080 acres				
Water used	1692 A. F.				D-754 615 Acres			Water used 1329 A. F.				
Per acre	2.44 A. F.				Total 695 Acres			Per acre 0.64 A. F.				

BELMONT CANAL

Date	Diversed from North Platte River									
	Oct.	Nov.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	65	45	0	33	87	0	48	45	18	162
2	64	45	0	43	101	0	46	48	0	148
3	64	45	0	43	59	0	41	46	0	135
4	56	45	0	41	28	0	41	43	0	139
5	50	45	0	21	28	0	41	41	0	146
6	47	45	0	21	30	0	50	53	0	154
7	43	45	0	17	30	0	50	81	0	161
8	42	45	0	17	28	0	40	79	0	181
9	42	45	0	10	28	0	36	90	0	123
10	42	45	0	11	0	0	38	140	0	125
11	50	40	0	11	0	0	38	113	50	125
12	50	40	0	11	0	0	106	96	48	123
13	53	40	0	11	0	0	106	101	48	113
14	50	40	0	11	0	0	35	113	48	111
15	50	40	0	69	0	0	38	101	0	101
16	50	30	0	69	0	0	43	96	25	101
17	50	30	12	50	0	0	40	90	79	101
18	50	30	18	40	0	0	33	92	88	99
19	50	30	41	30	0	0	36	108	88	99
20	50	30	41	30	0	0	36	143	92	99
21	45	15	31	30	0	0	36	113	92	97
22	45	15	31	30	0	0	36	28	96	90
23	45	15	31	31	0	0	35	31	90	106
24	45	15	12	31	0	0	35	31	90	108
25	45	15	7	31	0	0	35	31	90	151
26	40	15	10	31	0	0	45	46	90	162
27	40	0	12	101	0	61	48	61	85	151
28	40	0	18	90	0	67	15	63	77	148
29	40	0	.....	90	0	53	41	65	181	140
30	40	0	.....	90	0	51	43	67	123	133
31	40	.....	.....	90	.....	51	.....	67	178	.....
Mean.	48	29	9	40	13	9	44	75	57	127
Max.	65	45	41	101	101	67	106	143	178	175
Min.	40	0	0	10	0	0	33	28	0	90
A. F.	2912	1765	524	2448	831	561	2660	4606	3523	7607
Water used	27467 A. F.									

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935--Continued

Date	BELMONT FEEDER						
	Diverted from Cedar Creek						
	Oct.	Nov.	Apr.	May	June	July	Aug. Sept.
1	10	8	10	0	0	3	0 12
2	10	8	10	0	0	3	0 12
3	10	8	10	0	0	3	0 12
4	10	8	10	0	0	3	0 12
5	10	8	10	0	0	3	0 12
6	10	8	10	0	5	3	0 12
7	10	8	10	0	5	3	0 12
8	10	8	10	0	5	3	0 12
9	10	8	10	0	10	3	0 12
10	10	8	10	13	6	3	0 12
11	13	0	10	13	10	3	0 11
12	13	0	10	13	0	3	0 11
13	13	0	10	13	2	3	0 11
14	13	0	10	13	2	3	0 11
15	13	0	10	13	2	3	0 11
16	13	0	10	10	0	7	10 11
17	13	0	10	10	0	7	10 11
18	13	0	10	10	0	7	10 11
19	13	0	10	10	0	7	10 11
20	13	0	10	10	0	7	10 11
21	10	0	0	5	0	7	10 10
22	10	0	0	5	0	7	10 10
23	10	0	0	5	0	7	10 10
24	10	0	0	5	0	7	10 10
25	10	0	0	5	0	7	10 10
26	8	0	0	5	0	7	10 10
27	8	0	0	5	0	7	10 10
28	8	0	0	5	0	7	10 10
29	8	0	0	5	0	7	10 10
30	8	0	0	5	0	7	10 10
31	8	0	0	5	0	7	10 10
Mean	10	2	6	6	1	5	5 11
Max.	13	8	10	13	10	7	10 12
Min.	8	0	0	0	0	3	0 10
A. F.	650	159	397	363	93	311	317 654

Water used 2944 A. F.

BELMONT CANAL
SUMMARY IN ACRE-FEET

From:	Oct.	Nov.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
North Platte River	2942	1765	521	2448	831	561	2660	4006	3523	7607	27467
Cedar Creek	650	159	0	0	397	363	93	311	317	654	2944
Total Diversion	3592	1924	521	2448	1228	924	2753	4917	3840	8267	30411
Empire Canal	0	0	0	0	0	0	0	357	0	700	1057
Net to Belmont Canal	3592	1924	521	2448	1228	924	2753	4560	3840	7567	29354
Area Reported	11538 Acres										
Water Used	29354 A. F.										
Per Acre	2.02 A. F.										

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

BICKEL CANAL					BIRDWOOD CANAL				
Diverted from Lodgepole Creek					Diverted from Birdwood Creek				
Date	May	June	July	Aug. Sept.	Oct.	May	June	July	Aug. Sept.
1	*	*	0.0	1.9 1.5	8	5	0	3	37 13
2			0.0	1.9 1.5	7	5	0	4	37 7
3			0.0	1.8 1.5	8	10	0	4	29 8
4			0.0	1.7 1.5	10	16	0	5	19 9
5			0.0	1.6 1.6	9	17	0	8	18 11
6			0.0	1.7 1.6	8	17	0	7	20 9
7			0.0	1.8 1.6	10	17	0	7	22 7
8			1.1	1.7 1.8	14	18	0	0	24 6
9			1.1	1.6 1.8	14	20	1	11	14 5
10			1.1	1.5 1.6	15	10	4	10	17 4
11			1.2	1.5 1.6	9	9	1	17	19 10
12			1.5	1.5 1.6	5	11	5	17	20 10
13			1.5	1.6 1.8	4	3	5	19	20 8
14			1.6	1.7 1.6	14	3	6	19	23 9
15			1.7	1.5 1.4	15	3	4	15	20 9
16			1.8	1.5 1.4	0	4	11	17	22 19
17			1.6	1.6 1.8	0	3	0	18	24 19
18			1.7	1.6 1.8	0	9	0	20	19 18
19			1.7	1.7 1.8	0	9	0	21	18 17
20			1.6	1.7 1.8	0	0	5	30	23 17
21			1.5	1.6 1.8	0	0	6	38	20 17
22			1.7	1.6 1.8	0	9	4	33	0 17
23			1.6	1.5 1.7	0	9	4	20	0 17
24			1.4	1.4 1.5	0	7	3	20	6 17
25			1.6	1.3 1.7	10	7	5	19	0 19
26			1.8	1.4 1.4	12	7	7	21	20 19
27			1.7	1.4 1.4	12	8	4	23	19 17
28			1.6	1.3 1.4	12	0	4	27	38 19
29			1.6	1.3 1.4	12	0	5	28	22 17
30		*	1.7	1.4 1.4	12	0	4	21	24 17
31	*		1.7	1.5	12	0		37	21
Mean			1.2	1.6 1.6	7	8	3	17	20 13
Max.			1.8	1.9 1.8	15	20	7	38	38 19
Min.			0.0	1.3 1.4	0	0	0	0	0 4
A. F.	*	*	74.0	97.0 96.0	460	468	174	1069	1208 785

Area reported 98 acres A-724 10 acres Area reported 5481 acres
 Water used 267 A. F. A-719 65 acres Water used 4164 A. F.
 Per acre 2.72 A. F. D-347 23 acres Per acre 0.76 A. F.
 *No record.

Total 98 acres							
BLUE CREEK CANAL							
Diverted from Blue Creek and Crescent Lake—A-1575							
Date	Oct.	Nov.	Apr.	May.	June	July	Aug. Sept.
1	27	35	0	19	0	0	0 36
2	27	35	0	19	0	0	0 31
3	27	35	0	11	0	20	0 31
4	27	35	0	12	0	0	0 31
5	27	35	0	25	0	22	0 31
6	27	38	0	24	7	19	0 33
7	27	38	0	25	0	25	0 33
8	27	38	0	22	0	35	0 32
9	27	38	0	22	0	30	36 31
10	27	38	0	18	0	32	31 31
11	27	38	0	13	0	33	32 31
12	27	38	0	14	0	33	12 32
13	27	38	0	0	0	34	0 32
14	27	38	0	0	0	33	0 29
15	27	38	0	0	0	33	0 30
16	27	38	10	0	0	32	0 30
17	27	32	10	0	0	36	0 33
18	27	30	20	0	0	20	10 36
19	27	30	30	0	0	0	13 30
20	27	30	36	0	0	0	31 30
21	30	20	36	0	0	0	31 29
22	30	20	36	0	0	0	34 29
23	30	20	36	4	0	9	31 29
24	30	20	36	3	0	15	0 29
25	30	20	36	3	0	28	0 29
26	35	10	30	0	0	38	0 30
27	35	10	20	0	0	37	34 29
28	35	10	20	0	0	37	33 31
29	35	10	20	4	0	10	34 31
30	35	10	20	0	0	0	31 30
31	35					0	33
Mean	29	29	13	8	0.2	20	14 33
Max.	35	38	36	25	7	38	36 36
Min.	27	10	0	0	0	0	0 29
A. F.	1785	1716	785	474	11	1212	851 1843

Area reported 2845 acres D-785 2566 Acres
 Water used Blue Creek 8680 A. F. D-795 339 Acres
 Water used Crescent Lake 0 A. F. Total 2845 Acres
 Total 8680 A. F.
 Per acre 3.04 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
BROWNS CREEK CANAL
 Diverted from North Platte River and
 Pathfinder Reservoir

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	30	42	0	11	33	52	51
2	31	42	0	22	16	91	41
3	32	42	65	32	5	52	45
4	32	29	29	23	31	50	49
5	32	15	27	22	22	53	64
6	22	15	27	21	23	54	68
7	22	26	27	21	18	55	52
8	22	34	22	18	71	50	70
9	22	37	13	13	65	48	72
10	22	37	11	13	72	50	54
11	25	40	11	19	84	52	52
12	25	40	32	0	60	51	47
13	25	40	35	0	68	58	45
14	25	40	26	0	82	47	46
15	25	40	32	0	92	49	45
16	25	40	33	0	54	50	43
17	25	40	35	0	65	61	39
18	25	40	40	0	40	42	36
19	25	40	33	0	63	47	40
20	25	40	43	0	58	69	44
21	30	51	36	0	54	67	51
22	30	51	30	13	79	71	55
23	30	51	27	12	56	70	60
24	30	52	19	0	45	59	61
25	30	52	23	0	67	56	62
26	31	48	18	0	28	57	65
27	31	42	30	0	32	56	59
28	31	41	16	22	34	56	53
29	31	36	16	35	30	55	53
30	31	23	15	32	49	53	54
31	31	-----	15	-----	77	61	-----
Mean	27	38	25	11	51	56	53
Max.	32	52	65	35	92	91	72
Min.	22	15	0	0	5	42	36
A. F.	1692	2313	1559	658	3120	3495	3132

Area reported 6142 acres
 Water used 15929 A. F.
 Per acre 2.60 A. F.

BUSHNELL CANAL						
Diverted from Lodgepole Creek						
Date	May	June	July	Aug.	Sept.	
1	*	*	5	3	0	
2	-----	-----	5	3	0	
3	-----	-----	5	3	0	
4	-----	-----	5	3	0	
5	-----	-----	5	3	0	
6	-----	-----	5	3	0	
7	-----	-----	5	3	0	
8	-----	-----	5	3	0	
9	-----	-----	5	3	0	
10	-----	-----	5	3	0	
11	-----	-----	5	2	0	
12	-----	-----	5	2	0	
13	-----	-----	5	2	0	
14	-----	-----	5	2	0	
15	-----	-----	5	2	0	
16	-----	-----	3	2	0	
17	-----	-----	3	2	0	
18	-----	-----	3	2	0	
19	-----	-----	3	2	0	
20	-----	-----	3	2	0	
21	-----	-----	3	2	0	
22	-----	-----	3	2	0	
23	-----	-----	3	2	0	
24	-----	-----	3	2	0	
25	-----	-----	3	2	0	
26	-----	-----	3	2	0	
27	-----	-----	3	2	0	
28	-----	-----	3	0	0	
29	-----	-----	3	0	0	
30	-----	*	3	0	0	
31	*	-----	3	0	-----	
Mean	-----	-----	4	2	0	
Max.	-----	-----	5	3	0	
Min.	-----	-----	3	0	0	
A. F.	*	*	244	147	0	

Area reported 210 acres
 Water used 391 A. F.
 Per acre 1.86 A. F.
 *No record.

CASTLE ROCK CANAL						
Diverted from North Platte River						
Date	Oct.	May	June	July	Aug.	Sept.
1	49	0	0	2	88	70
2	49	0	0	40	91	73
3	49	0	10	26	77	91
4	49	2	29	63	75	79
5	49	59	24	71	73	76
6	49	46	29	61	73	79
7	49	40	31	51	77	81
8	49	40	21	68	83	71
9	49	35	23	83	83	51
10	49	43	43	90	81	62
11	49	38	45	93	86	58
12	49	43	32	84	96	57
13	49	43	40	81	85	58
14	51	46	34	75	88	58
15	51	47	27	72	83	58
16	50	43	26	62	86	61
17	50	44	21	67	93	66
18	50	46	28	74	101	66
19	50	9	20	81	96	65
20	50	8	46	86	86	28
21	40	15	40	67	93	62
22	40	18	12	67	99	63
23	40	17	23	73	93	62
24	40	14	22	68	90	61
25	40	13	25	62	96	61
26	30	11	11	73	92	62
27	30	21	52	80	86	68
28	20	2	52	86	82	67
29	20	26	53	87	82	68
30	10	22	51	93	93	65
31	10	40	-----	83	74	-----
Mean	42	27	29	79	87	65
Max.	51	47	46	93	101	91
Min.	10	0	0	2	73	28
A. F.	2596	1652	1731	4288	5318	3885

Area reported 6077 acres
 Water used 19470 A. F.
 Per acre 3.21 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

CENTRAL CANAL

Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	3	20	0	0	0	20	24	20
2	3	11	0	0	0	1	9	21
3	3	3	0	0	0	10	14	28
4	3	3	0	0	0	23	29	18
5	3	3	0	0	0	2	14	17
6	5	3	0	0	0	24	10	18
7	10	18	0	0	0	21	12	23
8	10	17	0	0	0	32	25	35
9	10	17	0	0	0	30	23	36
10	10	17	0	6	0	29	17	36
11	15	15	0	6	0	33	13	35
12	20	15	0	6	0	29	24	36
13	20	15	29	2	20	28	17	33
14	16	15	28	0	1	18	29	31
15	16	15	7	0	14	29	23	35
16	15	14	9	0	10	23	22	23
17	15	14	1	0	6	18	24	21
18	15	14	2	0	6	29	29	18
19	15	14	9	0	5	29	21	14
20	15	14	10	0	2	28	15	25
21	15	13	9	0	1	20	33	38
22	15	13	7	0	1	21	33	35
23	15	11	7	0	2	15	33	33
24	15	31	14	0	8	9	34	33
25	15	40	6	0	6	9	32	33
26	10	43	2	0	2	13	35	36
27	10	16	0	0	1	9	34	28
28	10	14	0	0	3	9	21	18
29	10	23	0	0	13	14	23	18
30	15	12	0	0	20	20	17	0
31	20	.....	.....	0	.....	23	19	.....
Mean	12	16	4	1	4	20	23	26
Max.	20	43	29	6	20	33	35	38
Min.	3	3	0	0	0	1	9	0
A. F.	738	944	278	40	242	1226	1404	1577

Area reported 2253 acres
Water used 6419 A. F.
Per acre 2.86 A. F.

CHIMNEY ROCK CANAL

Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	50	10	5	0	0	38	24	41
2	50	10	5	0	0	37	27	45
3	50	13	5	0	0	32	27	41
4	51	19	5	0	0	25	40	42
5	50	28	5	0	0	35	42	43
6	49	29	10	0	0	31	42	42
7	48	29	10	0	0	45	40	38
8	41	29	10	0	0	51	41	29
9	32	29	10	0	0	41	42	33
10	28	29	10	0	0	56	42	41
11	27	35	12	0	0	48	42	37
12	26	35	12	0	0	60	42	33
13	26	35	12	0	0	53	41	30
14	26	35	12	0	0	55	42	32
15	26	35	12	0	0	52	43	32
16	25	40	12	0	0	53	40	39
17	25	40	12	0	0	55	41	41
18	25	40	12	0	2	61	39	35
19	25	40	12	0	6	50	47	33
20	25	40	12	0	18	64	43	67
21	20	47	13	0	26	72	42	38
22	20	47	13	0	29	52	38	40
23	20	47	12	0	29	62	39	36
24	20	47	10	0	31	62	45	28
25	20	47	10	0	33	47	41	23
26	15	30	0	0	27	46	8	29
27	15	20	0	0	22	66	37	26
28	15	0	0	0	19	67	31	22
29	15	0	0	0	19	65	29	23
30	15	0	0	0	26	67	29	28
31	15	.....	.....	0	.....	55	27	.....
Mean	28	29	8	0	9	52	37	36
Max.	49	47	13	0	33	72	47	67
Min.	15	0	0	0	0	25	8	22
A. F.	1775	1755	502	0	569	3189	2287	2128

Area reported 5860 acres
Water used 12205 A. F.
Per acre 2.09 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935--Continued

Date	CLEAR CREEK CANAL					CODY-DILLON CANAL					
	Diverted from Clear Creek					Diverted from North Platte River					
	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	5	0	1	8	0	0	0	0	1	71	71
2	5	0	1	8	0	0	0	0	4	65	71
3	5	0	1	8	0	0	0	0	21	62	71
4	7	0	1	1	0	0	0	0	23	63	54
5	5	0	1	4	0	0	0	0	25	71	51
6	5	0	6	3	0	0	0	0	26	81	51
7	0	0	5	4	0	0	0	0	26	59	48
8	0	0	9	4	3	0	0	0	19	43	48
9	0	0	4	4	3	0	0	0	29	51	48
10	0	0	2	3	3	0	0	0	62	51	48
11	0	0	4	3	3	0	0	0	66	65	48
12	0	0	5	3	3	0	0	0	52	63	48
13	0	0	5	3	3	15	0	0	48	48	59
14	0	0	5	1	3	41	0	0	40	40	62
15	0	0	4	8	3	37	0	0	30	52	60
16	0	0	4	8	0	33	0	0	21	62	59
17	0	0	2	8	0	31	0	0	8	82	59
18	0	0	2	8	0	30	0	0	8	71	56
19	0	0	2	8	0	39	0	0	8	81	59
20	0	0	1	7	0	33	0	0	21	74	59
21	0	0	2	8	0	0	0	0	24	65	56
22	0	0	2	8	0	0	0	0	24	81	56
23	0	0	2	8	0	0	0	0	24	77	62
24	0	0	2	8	0	0	0	0	65	62	62
25	0	0	2	8	0	0	0	0	65	69	62
26	0	2	2	8	0	0	0	0	43	56	59
27	0	2	2	8	0	0	0	0	30	54	65
28	0	2	1	9	0	0	0	0	48	71	65
29	0	1	7	8	3	0	0	0	40	82	71
30	0	1	8	8	3	0	0	0	35	68	71
31	0	.....	8	4	.....	.....	0	.....	15	62	.....
Mean	1	0.2	3	6	1	8	0	0	32	65	59
Max.	7	2.0	8	9	3	41	0	0	66	82	71
Min.	0	0.0	1	3	0	0	0	0	1	40	18
A. F.	63	16.0	204	387	60	508	0	0	1952	3977	3519

Area reported 200 acres
 Water used 730 A. F.
 Per acre 3.65 A. F.

Area reported 1821 acres
 Water used 9956 A. F.
 Per acre 2.06 A. F.

COLD WATER CANAL

Date	Diverted from Cold Water Creek						
	Oct.	Nov.	May	June	July	Aug.	Sept.
1	3	3	4	4	2	2	3
2	3	3	4	4	2	2	4
3	3	3	4	4	2	2	4
4	3	3	4	4	2	3	4
5	3	3	4	4	2	2	4
6	3	3	4	4	2	3	4
7	3	3	3	4	2	3	4
8	3	3	3	4	2	2	4
9	3	3	3	4	2	3	4
10	3	3	4	4	3	3	4
11	3	3	4	4	3	3	3
12	3	3	4	4	3	3	3
13	3	3	5	4	3	3	3
14	3	3	4	3	3	3	3
15	3	3	4	3	3	3	3
16	3	3	4	3	3	3	3
17	3	3	4	3	3	3	3
18	3	3	4	4	3	3	3
19	3	3	4	4	3	3	3
20	3	3	4	4	3	3	3
21	3	3	4	2	3	3	3
22	3	3	4	2	3	2	3
23	3	3	4	2	3	3	3
24	3	3	4	2	3	0	3
25	3	3	4	2	3	0	3
26	3	3	4	2	3	0	3
27	3	3	4	2	3	0	3
28	3	0	4	2	3	0	3
29	3	0	4	2	3	0	3
30	3	0	4	2	3	3	3
31	3	.....	4	.....	2	3	.....
Mean	3	3	4	3	3	2	3
Max.	3	3	4	4	3	3	4
Min.	3	0	3	2	2	0	3
A. F.	184	160	242	190	165	137	196

Area reported 300 acres
 Water used 1274 A. F.
 Per acre 4.27 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
COURT HOUSE ROCK CANAL
 Diverted from Pumpkinseed Creek

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	10	0	0	26	15	2	18
2	10	0	0	26	20	2	19
3	10	0	0	26	31	2	18
4	10	10	0	26	31	2	19
5	10	17	0	26	33	0	19
6	12	17	0	27	31	0	18
7	12	17	0	27	31	0	18
8	12	17	0	27	31	0	19
9	12	17	0	27	31	0	19
10	12	17	0	27	20	0	19
11	12	12	0	20	28	0	19
12	12	12	0	20	27	0	18
13	12	12	0	20	27	0	18
14	12	12	0	20	35	0	18
15	12	12	0	20	29	0	18
16	14	15	0	2	26	0	19
17	14	15	0	2	25	0	19
18	14	15	0	2	26	0	20
19	14	15	0	2	24	0	19
20	14	15	0	2	24	0	19
21	15	10	0	2	22	0	19
22	15	10	0	2	22	0	19
23	15	10	0	2	22	0	18
24	15	10	0	2	22	0	18
25	15	0	0	2	23	0	18
26	15	0	0	2	21	0	19
27	15	0	0	2	20	0	19
28	15	0	0	2	19	0	21
29	15	0	0	2	19	0	21
30	15	0	0	2	19	17	21
31	15	0	0	2	8	16	21
Mean	13	9	0	13	25	1	18
Max.	15	17	0	27	35	17	21
Min.	10	0	0	2	8	0	18
A. F.	803	569	0	783	1511	81	1123

Area reported 1471 acres
 Water used 4870 A. F.
 Per acre 3.30 A. F.

COZAD CANAL

Diverted from Platte River

Date	Oct.	Nov.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	119	0	0	35	0	0
2	0	0	0	123	0	0	74	0	0
3	0	0	0	117	0	0	62	0	0
4	0	0	0	125	0	0	45	0	0
5	0	0	0	130	0	0	43	0	0
6	0	0	0	124	0	0	41	0	0
7	0	11	0	129	0	0	60	0	0
8	0	55	0	126	0	0	90	0	0
9	0	36	0	145	0	0	96	0	0
10	0	50	0	131	0	0	70	0	0
11	0	66	0	165	0	0	73	0	0
12	0	72	0	102	0	0	85	0	0
13	0	78	0	109	0	0	88	0	0
14	0	86	0	88	0	0	99	0	0
15	0	224	0	73	0	0	100	0	0
16	0	201	0	94	0	0	90	0	0
17	204	192	0	80	0	0	73	0	0
18	172	205	0	62	0	0	0	0	0
19	87	221	0	55	0	0	0	0	0
20	105	216	0	57	0	0	0	0	0
21	152	213	0	64	0	0	0	0	0
22	154	232	0	41	0	0	0	0	0
23	118	211	0	49	0	0	0	0	0
24	168	221	40	78	0	0	0	0	70
25	137	221	90	55	0	0	0	0	73
26	149	217	109	0	0	0	0	78	97
27	102	224	141	0	0	0	0	92	92
28	82	199	145	0	0	0	0	60	95
29	99	188	0	0	0	0	0	0	97
30	0	44	24	0	0	0	0	0	117
31	0	0	96	0	0	0	0	0	0
Mean	57	127	21	79	0	0	39	7	21
Max.	204	244	145	145	0	0	100	92	117
Min.	0	0	0	0	0	0	0	0	0
A. F.	3480	7448	1279	4723	0	0	2428	456	1271

Area reported 21510 acres
 Water used 19815 A. F.
 Per acre 0.92 A. F.

D-626 21510 acres
 A-2050 No report
 A-2056 No report

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	CULBERTSON CANAL							
	Diverted from Frenchman River							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	49	92	0	63	0	50	89	80
2	63	89	0	61	0	67	90	79
3	68	89	0	59	0	61	89	79
4	79	86	0	60	0	63	91	77
5	80	87	0	66	0	64	98	77
6	80	89	0	79	0	64	93	77
7	84	85	0	93	0	64	89	76
8	81	89	0	95	0	58	86	67
9	91	87	0	100	0	56	86	68
10	91	87	0	96	0	59	89	69
11	96	87	0	92	0	76	87	69
12	92	85	0	92	0	75	81	69
13	97	87	0	88	0	76	84	67
14	90	91	0	83	0	75	90	67
15	89	97	35	66	0	73	83	67
16	90	91	73	67	0	89	82	65
17	94	94	61	67	0	94	86	66
18	92	91	71	51	0	91	87	66
19	91	92	83	41	0	89	84	66
20	89	89	88	41	0	91	88	65
21	90	89	95	39	9	91	82	61
22	97	83	88	41	0	87	93	64
23	94	69	94	39	0	90	89	63
24	93	80	98	41	42	86	90	63
25	92	76	94	41	45	87	65	63
26	91	72	89	39	45	86	70	62
27	89	20	67	37	45	84	83	62
28	85	0	63	0	44	91	85	65
29	87	0	63	0	44	93	85	65
30	89	0	64	0	44	92	81	65
31	91	.....	.....	0	.....	91	78	.....
Mean	87	76	41	55	10	78	85	68
Max.	98	97	98	100	45	94	98	80
Min.	49	0	0	0	0	50	65	62
A. F.	5328	4514	2432	3445	613	4786	5262	4070

Area reported 8448 acres
Water used 30450 A. F.
Per acre 3.18 A. F.

Date	DAWSON COUNTY CANAL							
	Diverted from Platte River							
	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	226	492	80	345	47	38	40	108
2	230	419	132	343	0	55	33	169
3	220	413	133	315	0	55	21	156
4	226	434	166	288	0	55	18	145
5	247	489	161	282	0	55	15	138
6	277	526	182	274	0	52	0	138
7	337	428	227	274	0	55	0	99
8	354	337	169	266	0	44	0	147
9	351	342	196	280	0	55	0	107
10	349	384	350	277	66	55	0	85
11	349	413	299	253	66	55	0	81
12	422	413	389	249	66	0	0	72
13	425	431	410	237	90	0	0	81
14	463	392	376	239	80	33	0	66
15	443	281	350	233	97	66	0	60
16	277	163	363	227	102	78	0	0
17	344	137	420	183	161	44	0	0
18	463	129	410	185	34	109	0	0
19	459	68	355	167	0	92	0	0
20	422	62	336	117	0	81	0	0
21	359	77	320	95	0	73	0	42
22	368	61	276	59	0	77	0	48
23	331	123	209	50	48	91	60	42
24	321	286	255	50	45	170	102	0
25	213	413	350	51	0	267	90	0
26	243	294	299	59	39	217	60	0
27	283	269	286	63	48	221	48	0
28	305	224	245	68	48	170	60	0
29	221	179	253	95	50	109	193	4
30	361	74	305	101	55	69	102	20
31	523	.....	.....	89	.....	52	115	.....
Mean	335	291	276	188	38	82	31	60
Max.	523	526	420	345	102	221	193	169
Min.	213	61	80	50	0	0	0	0
A. F.	20612	17361	16427	11538	2265	5021	1898	3366

From river 78731 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
 DAWSON COUNTY CANAL
 Diverted from Cozad Waste

Date	May	June	July	Aug.	Sept.
1			0	0	0
2			0	0	0
3			0	0	0
4			0	0	0
5			12	0	0
6			5	0	0
7			0	0	0
8			0	0	0
9			10	0	0
10			10	0	0
11			8	0	0
12			17	0	0
13			12	0	0
14			14	0	0
15			10	0	0
16			12	0	0
17			10	0	0
18			0	0	0
19			0	0	0
20			0	0	0
21			0	0	0
22			0	0	0
23			0	0	0
24			0	0	0
25			0	0	0
26			0	0	0
27			0	12	0
28			0	17	0
29			0	15	0
30		*	0	9	25
31	*		0	0	0
Mean			4	2	1
Max.			17	17	25
Min.			0	0	0
A. F.	*	*	238	165	50

Water used 393 A. F.
 *No record.

DAWSON COUNTY CANAL
 SUMMARY IN ACRE-FEET

	Oct.	Nov.	April	May	June	July	Aug.	Sept.	Total
Diverted from:									
Platte River	20612	17361	16427	11538	2265	5024	1808	3606	78731
Cozad Tail Waste						238	105	50	393
Wasted into:									
Buffalo Creek	N.R.	N.R.	N.R.	8	0	0	151	246	405
Elm Creek	N.R.	N.R.	N.R.	605	40	0	135	0	780
French Creek	N.R.	N.R.	N.R.	773	438	16	291	585	2103
Total Waste				1386	478	16	577	831	3288
Net Draft	20612	17361	16427	10152	1787	5246	1426	2325	75836
1935 Acreage Reports									
D-621	70								
D-622	73210								
D-624	3600								
A-2039	5120								
A-2093	213								
A-2110	19932								
A-2262	570								
Total									102115 acres

Area reported 102115 acres
 Water used 75836 A. F.
 Per Acre 0.74 A. F.

N. R.—No record.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	ELM CREEK CANAL Diverted from Platte River							EMPIRE CANAL Diverted from North Platte River						
	Apr.	May	June	July	Aug.	Sept.		Apr.	May	June	July	Aug.	Sept.	
1	0	40	96	0	0	13		0	0	0	3	0	15	
2	0	39	26	0	0	17		0	0	0	3	0	17	
3	0	37	15	0	0	16		0	0	0	1	0	13	
4	0	44	15	0	0	17		0	0	0	0	0	14	
5	0	39	0	0	6	20		0	0	0	0	0	15	
6	40	41	0	0	6	17		0	0	0	0	0	14	
7	40	38	0	0	5	19		0	0	0	12	0	2	
8	40	41	0	0	7	19		0	0	0	14	0	2	
9	50	42	0	0	6	19		0	0	0	12	0	8	
10	60	41	0	0	7	19		0	0	0	13	0	6	
11	74	48	0	0	6	19		0	0	0	16	0	10	
12	74	46	0	0	6	35		0	0	0	10	0	9	
13	74	42	0	0	0	25		0	0	0	9	0	9	
14	74	42	0	0	0	16		0	0	0	10	0	10	
15	74	44	0	0	0	13		0	0	0	7	0	10	
16	60	46	0	0	0	13		0	0	0	7	0	10	
17	60	46	0	0	0	18		0	0	0	7	0	11	
18	60	48	0	0	0	15		0	0	0	6	0	12	
19	60	50	0	0	0	13		0	0	0	5	0	13	
20	60	52	0	0	0	13		0	0	0	9	0	14	
21	55	35	0	0	0	13		0	0	0	8	0	13	
22	55	32	0	0	0	13		0	0	0	0	0	13	
23	55	26	0	0	0	15		0	0	0	0	0	12	
24	55	17	0	0	0	15		0	0	0	0	0	21	
25	55	17	0	0	0	12		0	0	0	1	0	14	
26	40	17	0	31	0	11		0	0	0	2	0	11	
27	40	15	0	42	0	9		0	0	0	3	0	12	
28	40	15	0	0	35	7		0	0	0	3	0	13	
29	40	32	0	0	29	5		0	0	0	4	0	13	
30	40	35	0	0	15	5		0	0	0	10	0	11	
31	-----	35	-----	0	11	-----		-----	0	-----	5	0	-----	
Mean	46	37	5	2	4	15		0	0	0	6	0	11	
Max.	74	52	96	42	35	35		0	0	0	16	0	21	
Min.	0	15	0	0	0	5		0	0	0	0	0	2	
A. F.	2727	2265	301	145	276	924		0	0	0	357	0	700	

Area reported 5950 acres
Water used 6638 A. F.
Per acre 1.11 A. F.

A-2104 5950 acres

Area reported 1789 acres
Water used 1057 A. F.
Per acre 0.59 A. F.

D-838 1714 acres
A-866 75 acres

Total 1789 acres

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	ENTERPRISE CANAL Diverted from North Platte River							ENTERPRISE CANAL Diverted from Morrill Drain				
	Oct.	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	64	0	42	0	105	68	83	0.5	0.5	0.5	2	2
2	64	0	35	0	83	67	78	0.5	0.5	0.5	2	2
3	64	0	35	0	80	74	79	0.5	0.5	0.5	2	2
4	60	0	35	41	95	73	74	0.5	0.5	0.5	2	2
5	60	0	41	32	114	81	70	0.5	0.5	0.5	2	2
6	50	0	41	38	112	78	74	0.5	0.5	0.3	2	2
7	40	0	41	40	119	73	83	0.5	0.5	0.3	2	2
8	30	0	39	43	111	73	90	0.5	0.5	0.3	2	2
9	20	0	39	46	100	73	82	0.5	0.5	0.3	2	2
10	10	0	41	49	101	70	82	0.5	0.5	0.3	2	2
11	0	30	63	65	100	78	80	0.5	0.5	0.3	2	2
12	0	30	48	53	101	71	79	0.5	0.5	0.3	2	2
13	0	50	48	67	107	86	80	0.5	0.5	0.3	2	2
14	0	50	46	68	124	87	87	0.5	0.5	0.3	2	2
15	0	70	46	73	107	88	77	0.5	0.5	0.3	2	2
16	0	87	49	68	96	77	75	0.5	0.5	1.0	2	2
17	0	80	42	63	93	80	79	0.5	0.5	1.0	2	2
18	0	80	42	67	108	76	73	0.5	0.5	1.0	2	2
19	0	75	22	76	114	73	73	0.5	0.5	1.0	2	2
20	0	75	22	63	111	74	86	0.5	0.5	1.0	2	2
21	0	73	43	58	108	71	83	0.5	0.5	1.0	2	2
22	0	73	41	59	114	70	86	0.5	0.5	1.0	2	2
23	0	69	38	55	105	75	79	0.5	0.5	1.0	2	2
24	0	68	43	46	97	82	78	0.5	0.5	1.0	2	2
25	0	19	48	72	102	79	75	0.5	0.5	1.0	2	2
26	0	63	47	72	95	82	73	0.5	0.5	1.0	2	2
27	0	25	42	72	75	82	77	0.5	0.5	1.0	2	2
28	0	22	31	83	73	78	76	0.5	0.5	1.0	2	2
29	0	29	10	87	73	90	84	0.5	0.5	1.0	2	2
30	0	44	40	85	69	75	82	0.5	0.5	1.0	2	2
31	0	-----	20	-----	70	80	-----	0.5	-----	1.0	2	-----
Mean	15	37	40	55	90	77	79	0.5	0.5	0.6	2	2
Max.	64	87	49	87	124	90	90	0.5	0.5	1.0	2	2
Min.	0	0	20	0	70	67	70	0.5	0.5	0.3	2	2
A. F.	916	2205	2436	3263	6073	4729	4715	30.0	30.0	42.0	123	119

Water used 24337 A. F. Diverted from North Platte River Only

Water used 344 A. F.

Date	ENTERPRISE CANAL Diverted from Stewarts Drain					ENTERPRISE CANAL Diverted from Wet Spotted Tail Creek					
	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0.2	0.2	0	6	6	7	8	9
2	0	0	0	0.2	0.2	0	6	6	7	8	9
3	0	0	0	0.2	0.2	0	6	6	7	8	9
4	0	0	0	0.2	0.2	0	6	6	7	8	9
5	0	0	0	0.2	0.2	0	6	6	7	8	9
6	0	0	0	0.2	0.5	0	6	6	7	9	9
7	0	0	0	0.2	0.5	0	6	6	7	9	9
8	0	0	0	0.2	0.5	0	6	6	7	9	9
9	0	0	0	0.2	0.5	0	6	6	7	9	9
10	0	0	0	0.2	0.5	0	6	6	7	9	9
11	0	0	0	0.2	1.0	6	6	6	7	9	10
12	0	0	0	0.2	1.0	6	6	6	7	9	10
13	0	0	0	0.2	1.0	6	6	6	7	9	10
14	0	0	0	0.2	1.0	6	6	6	7	9	10
15	0	0	0	0.2	1.0	6	6	6	7	9	10
16	0	0	0	0.0	1.0	6	6	7	7	9	10
17	0	0	0	0.0	1.0	6	6	7	7	9	10
18	0	0	0	0.0	1.0	6	6	7	7	9	10
19	0	0	0	0.0	1.0	6	6	7	7	9	10
20	0	0	0	0.0	1.0	6	6	7	7	9	10
21	0	0	0	0.0	1.0	6	6	7	7	9	10
22	0	0	0	0.0	1.0	6	6	7	7	9	10
23	0	0	0	0.0	1.0	6	6	7	7	9	10
24	0	0	0	0.0	1.0	6	6	7	7	9	10
25	0	0	0	0.0	1.0	6	6	7	7	9	10
26	0	0	0	0.0	1.0	6	6	7	8	9	10
27	0	0	0	0.0	1.0	6	6	7	8	9	10
28	0	0	0	0.0	1.0	6	6	7	8	9	10
29	0	0	0	0.0	1.0	6	6	7	8	9	10
30	0	0	0	0.0	1.0	6	6	7	8	9	10
31	0	-----	0	-----	0.0	-----	6	-----	8	-----	-----
Mean	0	0	0	0.1	0.8	6	6	6	7	9	10
Max.	0	0	0	0.2	1.0	6	6	7	8	9	10
Min.	0	0	0	0.0	0.2	0	6	6	7	8	9
A. F.	0	0	0	6.0	46.0	238	360	387	442	543	575

Water used 52 A. F.

Water used 2554 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	ENTERPRISE CANAL Diverted from Tub Springs								
	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.	
1	0	20	0	0	0	16	24	3	
2	0	20	0	0	0	17	28	17	
3	0	20	0	0	0	6	28	12	
4	0	20	0	0	0	3	15	6	
5	0	20	0	0	0	0	27	0	
6	0	20	0	0	0	15	26	0	
7	0	20	0	0	0	0	21	0	
8	0	20	0	0	0	0	13	0	
9	0	20	0	0	0	9	14	0	
10	0	20	0	0	0	6	17	0	
11	10	20	0	0	0	0	11	0	
12	10	20	0	0	0	6	18	0	
13	10	20	0	0	0	0	18	0	
14	10	20	0	0	0	0	18	0	
15	10	20	0	0	0	0	18	0	
16	14	20	0	0	0	0	18	0	
17	14	20	0	0	0	0	18	0	
18	14	20	0	0	0	0	18	0	
19	14	20	0	0	0	0	18	0	
20	14	20	0	0	0	0	18	0	
21	16	20	0	0	0	0	18	0	
22	16	20	0	0	0	0	19	0	
23	16	20	0	0	0	6	19	0	
24	16	20	0	0	0	25	19	0	
25	16	20	0	0	0	0	20	0	
26	20	20	0	0	9	0	19	0	
27	20	20	0	0	3	4	19	0	
28	20	20	0	0	11	9	18	0	
29	20	20	0	0	13	17	19	0	
30	20	20	0	0	0	26	19	0	
31	20	20	0	0	0	27	19	0	
Mean	10	20	0	0	1	6	19	1	
Max.	20	20	0	0	13	27	28	17	
Min.	0	20	0	0	0	0	13	0	
A. F.	635	1190	0	0	71	381	1190	75	

Water used 3512 A. F.

ENTERPRISE CANAL
SUMMARY IN ACRE-FEET

From:	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	916	0	2205	2436	3263	6073	4729	4715	24337
Morrill Drain	0	0	0	30	30	42	123	119	341
Stewarts Drain	0	0	0	0	0	0	6	46	52
Dry Spotted Tail	0	0	0	0	0	0	0	0	0
Wet Spotted Tail.....	0	0	238	369	387	412	543	375	2554
Tub Springs	635	1190	0	0	71	381	1190	75	3542
*Winters Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	1551	1190	2443	2835	3751	6933	6391	5530	30829

Area reported 7995 Acres

Water used 30829 A. F.

Per acre 3.86 A. F.

*Water diverted but no record available.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

FORT LARAMIE CANAL

Diverted from North Platte River, Pathfinder and Guernsey Reservoirs					
Date	May	June	July	Aug.	Sept.
1	0	0	1125	1103	1103
2	0	0	1182	1108	1099
3	0	0	1388	1095	1081
4	0	0	1420	1078	1055
5	0	0	1433	1087	1046
6	0	0	1458	1099	1034
7	0	0	1476	1101	1047
8	0	0	1478	1110	1055
9	0	0	1462	1122	1001
10	0	0	1482	1110	960
11	0	0	1469	1101	967
12	0	0	1482	1123	960
13	0	0	1490	1156	957
14	0	0	1449	1179	625
15	0	0	1368	1200	581
16	0	0	1337	1294	581
17	0	0	1306	1300	576
18	0	0	1240	1284	578
19	0	0	1187	1270	525
20	0	0	1133	1274	314
21	0	0	1148	1265	0
22	0	0	1146	1257	0
23	0	247	1135	1257	0
24	0	280	1152	1232	0
25	0	537	1122	1137	0
26	0	606	1093	1099	0
27	0	831	1091	1122	0
28	0	922	1078	1118	0
29	0	955	1099	1106	0
30	0	1050	1110	1099	0
31	0	.....	1106	1103	.....
Mean	0	180	1279	1161	571
Max.	0	1050	1490	1300	1103
Min.	0	0	1106	1101	0
A. F.	0	10889	78635	71402	34065

GERING CANAL

Diverted from North Platte River and Pathfinder Reservoir									
Date	Oct.	Nov.	Dec.	Apr.	May	June	July	Aug.	Sept.
1	0	90	100	181	0	0	0	101	91
2	0	96	100	181	0	0	0	101	99
3	0	90	89	180	0	0	0	101	90
4	0	90	46	180	0	0	0	125	65
5	0	90	0	180	0	0	0	130	0
6	0	106	0	150	0	0	0	130	0
7	0	100	0	150	0	0	0	130	0
8	0	100	0	150	0	0	0	131	0
9	0	100	0	150	0	0	0	129	0
10	0	100	0	150	0	0	0	127	0
11	0	100	0	150	0	0	0	127	0
12	0	100	0	156	0	0	0	125	0
13	0	100	0	153	0	0	90	126	0
14	0	100	0	162	0	0	91	130	0
15	0	100	0	150	0	0	91	129	0
16	0	110	0	144	0	0	94	135	0
17	0	110	0	137	0	0	93	138	0
18	0	110	0	126	0	0	93	139	0
19	0	110	0	111	0	0	93	142	0
20	150	110	0	90	0	0	93	130	0
21	150	110	0	65	0	0	93	125	0
22	150	110	0	58	0	0	93	101	0
23	150	110	0	0	0	0	93	85	0
24	150	110	0	0	0	0	101	66	0
25	150	110	0	0	0	0	94	66	0
26	150	100	0	0	0	0	97	72	0
27	0	100	0	0	0	0	99	74	0
28	0	100	0	0	0	0	99	68	0
29	0	100	0	0	0	0	101	66	0
30	0	100	0	0	0	0	100	90	0
31	0	.....	0	.....	0	.....	99	85	.....
Mean	34	101	10	106	0	0	55	111	11
Max.	150	110	100	184	0	0	101	142	99
Min.	0	90	0	0	0	0	0	66	0
A. F.	2083	6050	647	6296	0	0	3596	6790	684

Area reported 14263 acres
 Water used 26147 A. F.
 Per acre 1.86 A. F.
 Note:—11070 A. F. Storage.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	GOTHENBURG DIVERSION CANAL											
	Diverted from Platte River											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	180	311	150	175	200	277	193	232	180	111	82	167
2	187	302	150	175	200	219	200	239	212	85	80	186
3	194	348	150	175	200	193	225	225	167	85	77	186
4	187	362	150	175	200	153	260	232	129	139	68	186
5	187	386	150	175	200	153	330	224	151	145	50	186
6	180	404	175	175	300	162	337	232	167	133	45	186
7	194	397	175	175	300	115	325	235	167	130	42	177
8	200	397	175	175	300	93	323	232	180	131	42	168
9	194	390	175	175	300	173	330	219	167	116	40	172
10	187	341	175	175	344	180	302	212	180	111	45	181
11	200	376	175	170	232	184	281	232	206	76	40	204
12	194	376	175	170	193	190	274	225	212	117	45	199
13	200	411	175	170	157	189	310	212	180	160	50	212
14	194	438	175	170	157	160	327	219	206	156	55	199
15	194	439	175	170	158	150	323	199	180	147	35	188
16	194	432	170	170	167	161	337	204	190	123	31	186
17	187	418	170	170	135	173	330	193	180	199	31	180
18	194	376	170	170	158	173	351	213	180	154	31	167
19	207	397	170	170	173	172	358	199	180	123	26	167
20	235	359	170	170	193	186	358	193	180	111	26	160
21	231	349	150	170	186	193	351	180	180	105	65	147
22	256	151	150	170	186	193	309	117	180	102	141	146
23	278	167	150	170	193	193	288	180	173	167	180	134
24	306	180	150	170	105	186	295	180	173	180	193	141
25	348	180	150	170	65	186	288	206	160	173	186	154
26	355	173	150	200	171	180	253	193	154	186	186	129
27	331	173	100	200	206	168	225	193	160	186	180	196
28	341	180	0	200	246	162	210	206	147	166	173	211
29	390	117	0	200	.....	180	225	190	151	131	180	207
30	242	154	0	200	.....	139	230	199	131	106	180	217
31	292	.....	100	200	.....	155	.....	154	.....	91	180	.....
Mean	294	319	143	177	200	173	292	205	173	133	90	177
Max.	390	439	175	200	344	277	358	239	212	199	193	217
Min.	180	117	0	170	65	93	193	117	131	76	26	129
A. F.	14404	18990	8826	10912	11157	10695	17352	12633	10326	8227	5524	10590
Diverted	139636	A. F.										

GOTHENBURG IRRIGATION CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.	Total
Gothenburg Diverson	11101	18990	17352	12633	10326	8227	5524	10590	98046
Power Waste	8898	9630	7406	11730	9798	6744	4622	8327	67655
Net for Irrigation	5506	9360	9946	903	528	1483	902	1763	30391
Area reported 17910 acres									
Water used 30391 A. F.									
Per acre 1.69 A. F.									
Note: No daily discharge record used because of backwater conditions at rating flume.									
Acreage Reports									
D-645a		820							
D-645b		17090							
Total		17910							

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	GRAF CANAL Diverted from Blue Creek and Crescent Lake—A-1375							HALL CANAL Diverted from White River				
	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1	0	4	0	4	0	31	0	0	6	0	0	
2	0	4	0	19	0	31	0	0	6	0	0	
3	0	0	0	15	0	29	0	0	6	0	0	
4	0	0	0	17	0	33	0	0	6	0	7	
5	0	0	0	24	0	31	6	0	6	0	8	
6	0	2	0	23	0	27	6	0	13	0	8	
7	0	2	0	20	0	28	7	0	13	0	8	
8	0	16	0	18	12	23	7	0	13	3	0	
9	0	3	0	18	11	29	7	0	13	0	0	
10	0	3	0	13	7	29	7	0	13	0	2	
11	0	3	1	14	4	29	7	0	0	0	2	
12	0	4	1	15	2	26	7	0	0	0	2	
13	0	5	0	15	2	26	7	0	0	0	0	
14	0	1	5	12	0	23	7	0	0	0	0	
15	30	1	4	10	0	25	7	0	0	0	0	
16	29	1	2	7	3	22	7	0	0	0	0	
17	29	1	2	19	0	20	5	0	0	0	0	
18	24	1	2	22	0	17	2	0	9	0	0	
19	23	1	2	2	1	22	0	0	7	0	0	
20	11	1	6	0	3	23	0	0	4	0	0	
21	11	1	9	3	3	28	0	0	0	0	0	
22	11	1	7	3	3	23	0	0	0	0	0	
23	16	1	1	25	3	23	0	0	0	0	0	
24	11	1	0	31	3	25	0	0	0	0	6	
25	0	1	0	28	0	26	0	0	0	0	0	
26	0	1	0	20	0	26	0	0	0	0	0	
27	0	1	0	18	0	23	0	0	0	0	9	
28	0	1	0	20	0	23	0	0	0	1	0	
29	0	0	0	23	21	19	0	0	0	0	0	
30	0	0	0	2	28	15	0	0	0	0	0	
31	0	0	0	0	26	0	0	0	0	0	0	
Mean	6	2	1	15	4	25	3	0	4	0.1	1	
Max.	30	16	9	28	28	31	7	0	13	3.0	8	
Min.	0	0	0	0	0	15	0	0	0	0.0	0	
A. F.	387	121	83	924	262	1503	176	0	228	8.0	73	

Area reported 2089 acres
Water used Blue Creek
Water used Crescent Lake

3252 A.F.
28 A.F.

Area reported 381 acres
Water used 485 A. F.
Per acre 0.55 A. F.

Total
Per acre 1.57 A. F.

3280 A.F.

D-763-R 85 acres
D-781-R 14 acres
D-788 1990 acres

Total 2089 acres

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

HARRIS-COOPER CANAL
Diverted from White River

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	5	7	0	17	13	27
2	0	5	0	0	17	9	0
3	0	5	0	0	16	9	0
4	0	5	0	0	15	6	0
5	0	5	0	0	12	9	0
6	0	2	0	0	5	7	3
7	0	2	0	0	3	9	5
8	0	2	0	0	0	9	11
9	0	2	0	0	0	10	11
10	0	2	0	0	0	13	11
11	0	2	0	0	3	11	5
12	0	2	0	0	6	4	7
13	0	2	0	0	0	0	11
14	0	2	0	0	0	3	11
15	0	2	0	0	23	5	10
16	0	6	0	0	22	15	8
17	0	6	0	0	22	11	7
18	0	6	0	0	19	13	10
19	0	6	0	0	15	11	11
20	0	6	0	0	19	10	11
21	0	10	0	0	26	10	11
22	0	10	0	0	17	8	11
23	0	10	0	0	13	8	11
24	0	10	0	0	13	8	11
25	0	10	0	0	13	8	3
26	5	7	0	0	10	7	4
27	5	7	0	0	10	7	8
28	5	7	0	0	14	1	10
29	5	7	0	0	14	1	12
30	5	7	0	0	13	2	14
31	5	-----	0	-----	13	16	-----
Mean	1	5	0.2	0	12	9	8
Max.	5	10	7.0	0	23	16	27
Min.	0	2	0.0	0	0	1	0
A. F.	60	317	14.0	0	234	508	501

Area reported 1491 acres
Water used 2137 A. F.
Per acre 1.43 A. F.

HOLLINGSWORTH CANAL
Diverted from South Platte River

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	0	19	16
2	10	0	0	0	19	12
3	10	0	0	0	19	9
4	10	0	0	0	16	7
5	10	0	0	0	18	6
6	12	0	0	0	18	9
7	12	0	0	0	18	9
8	12	0	0	0	18	9
9	12	0	0	0	18	9
10	12	0	0	0	18	9
11	8	0	0	0	18	9
12	8	0	0	0	18	9
13	8	0	0	3	18	9
14	8	0	0	4	18	17
15	8	2	0	22	18	17
16	0	3	0	19	18	15
17	0	0	0	21	16	13
18	0	0	0	20	18	12
19	0	0	0	20	18	10
20	0	0	0	19	18	8
21	0	0	0	19	16	8
22	0	0	0	8	22	8
23	0	0	0	1	22	8
24	0	0	0	22	19	8
25	0	0	0	9	8	8
26	0	0	0	22	8	9
27	0	0	0	21	8	9
28	0	0	0	19	8	9
29	0	0	0	19	7	9
30	0	0	0	17	15	9
31	0	0	0	19	15	-----
Mean	5	0.2	0	10	16	10
Max.	12	3.0	0	22	22	17
Min.	0	0.0	0	0	7	6
A. F.	297	10.0	0	609	1006	580

Area reported 742 acres
Water used 2511 A. F.
Per acre 3.38 A. F.

DEPARTMENT OF ROADS AND IRRIGATION

853

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

HOOPER CANAL

Diverted from Blue Creek and Crescent Lake—A-1575

Date	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	15	8	0	8	0	4	0	14
2	15	8	0	4	0	7	7	12
3	15	8	0	16	0	15	7	13
4	15	8	0	8	2	32	8	14
5	16	8	0	6	2	17	10	13
6	16	12	0	7	2	16	8	14
7	16	12	0	7	8	19	5	14
8	17	12	0	9	2	20	0	14
9	17	12	0	8	2	18	9	15
10	16	12	0	9	2	19	10	15
11	15	20	0	6	3	18	10	15
12	13	20	0	6	4	17	7	15
13	13	20	0	11	1	18	0	15
14	14	20	0	13	0	18	0	14
15	14	20	0	2	1	18	0	14
16	12	20	11	2	1	17	0	14
17	12	20	11	2	1	11	0	15
18	12	15	11	3	2	22	10	15
19	12	10	11	3	1	13	11	15
20	12	5	10	3	2	13	11	15
21	8	0	10	4	3	13	5	13
22	8	0	11	3	2	24	13	15
23	8	0	13	2	1	13	6	15
24	8	0	13	2	1	13	0	13
25	8	0	13	2	1	13	0	34
26	8	0	8	2	2	11	10	15
27	8	0	8	1	2	13	18	13
28	8	0	8	0	3	13	11	15
29	8	0	8	0	3	10	11	15
30	8	0	8	1	4	13	12	13
31	8	-----	-----	0	-----	0	10	-----
Mean	12	9	3	3	2	15	7	14
Max.	17	20	13	16	8	32	18	34
Min.	8	0	0	0	0	0	0	12
A. F.	744	535	305	297	115	928	414	885
Area reported	892 acres					D-781	877 acres	
Water used Blue Creek						D-788	15 acres	
Water used Crescent Lake							85 A.F.	

Total 892 acres

Per acre 4.73 A. F. Total 4223 A.F.

HURLEY-LILLY-POLLY CANAL

Diverted from Lodgepole Creek

Date	May	June	July	Aug.	Sept.
1	0	0	6	3	2
2	0	0	6	3	2
3	0	0	6	3	3
4	0	0	3	3	3
5	0	0	3	3	2
6	0	0	3	3	2
7	0	0	3	4	2
8	0	0	4	4	2
9	0	0	4	4	2
10	0	0	4	4	2
11	0	0	4	4	2
12	0	0	3	3	0
13	0	0	4	3	0
14	0	0	4	3	0
15	0	0	5	3	3
16	0	0	4	2	3
17	0	0	4	2	0
18	0	0	5	3	0
19	0	0	3	2	0
20	0	0	3	2	0
21	0	0	3	2	0
22	0	0	6	3	0
23	0	0	2	2	2
24	0	0	2	2	2
25	0	0	2	2	3
26	0	0	2	2	3
27	0	0	2	2	2
28	0	2	4	2	2
29	0	2	3	2	2
30	0	2	3	2	2
31	0	-----	-----	5	-----
Mean	0	0.2	3	3	1
Max.	0	2.0	6	4	2
Min.	0	0.0	2	2	0
A. F.	0	12.0	224	170	91
Area reported	173 acres				
Water used	497 A. F.				
Per acre	2.87 A. F.				

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935--Continued

INTERSTATE CANAL					
Diverted from North Platte River, Pathfinder and Guernsey Reservoirs					
Date	May	June	July	Aug.	Sept
1	0	643	1433	1850	1479
2	0	739	1581	1876	1481
3	0	888	1780	1876	1507
4	0	927	1752	1854	1507
5	0	951	1693	1854	1494
6	0	951	1774	1852	1474
7	0	951	1897	1814	1461
8	0	932	1944	1818	1098
9	0	911	1960	1818	530
10	0	911	2018	1815	200
11	0	850	2042	1808	0
12	0	799	2046	1778	0
13	0	773	1993	1780	0
14	0	790	1880	1792	0
15	0	829	1944	1800	0
16	0	540	1800	1795	0
17	0	838	1741	1786	0
18	111	788	1729	1759	0
19	76	845	1702	1718	0
20	98	862	1690	1715	0
21	385	890	1721	1750	0
22	625	916	1739	1734	0
23	842	919	1800	1690	0
24	900	975	1850	1659	0
25	927	1068	1844	1611	0
26	964	1136	1836	1564	0
27	992	1184	1844	1543	0
28	1047	1235	1832	1543	0
29	1040	1281	1858	1547	0
30	967	1347	1879	1547	0
31	838	.....	1861	1525	.....
Mean	316	931	1821	1738	408
Max.	1047	1347	2046	1876	1507
Min.	0	613	1433	1525	0
A. F.	19460	55420	111950	106850	24260

Estimated 112,320 acres irrigated including North Platte Colonization Company acreage.
Water used 317,940 A. F.
Per acre 2.83 A. F.

KEARNEY CANAL												
Diverted from Platte River												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept
1	7	15	*	*	*	*	100	333	430	381	12	243
2	3	15	.....	.....	.....	.....	80	343	191	359	6	230
3	0	15	.....	.....	.....	.....	50	363	204	359	6	329
4	0	15	.....	.....	.....	.....	20	369	85	359	6	359
5	7	15	.....	.....	.....	.....	15	329	329	359	3	344
6	7	18	.....	.....	.....	.....	10	351	190	296	3	141
7	7	18	.....	.....	.....	.....	10	369	215	314	2	117
8	7	18	.....	.....	.....	.....	5	369	212	314	1	217
9	7	18	.....	.....	.....	.....	5	384	216	351	0	217
10	7	18	.....	.....	.....	.....	10	366	52	344	0	226
11	10	23	.....	.....	.....	.....	100	344	165	271	0	135
12	10	23	.....	.....	.....	.....	274	369	318	178	0	108
13	10	23	.....	.....	.....	.....	200	332	314	119	0	93
14	10	23	.....	.....	.....	.....	200	371	306	75	0	41
15	10	23	.....	.....	.....	.....	197	380	299	67	0	32
16	11	20	.....	.....	.....	.....	230	423	321	26	0	20
17	11	20	.....	.....	.....	.....	159	468	350	18	0	23
18	12	20	.....	.....	.....	.....	124	446	374	12	0	20
19	12	20	.....	.....	.....	.....	103	438	271	4	0	24
20	12	20	.....	.....	.....	.....	44	396	419	0	0	20
21	12	18	.....	.....	.....	.....	51	356	314	16	0	18
22	12	18	.....	.....	.....	.....	14	362	351	13	0	17
23	12	14	.....	.....	.....	.....	0	366	374	10	0	14
24	12	14	.....	.....	.....	.....	0	392	359	9	0	16
25	12	14	.....	.....	.....	.....	18	378	404	9	0	15
26	12	14	.....	.....	.....	.....	0	389	389	6	230	13
27	12	14	.....	.....	.....	.....	425	389	404	6	153	12
28	12	14	.....	.....	*	.....	369	393	530	10	271	4
29	12	14	.....	.....	.....	.....	215	356	426	10	366	3
30	12	14	.....	.....	.....	.....	306	423	404	12	351	3
31	12	.....	*	*	.....	*	.....	415	.....	13	236	.....
Mean	9	17	.....	.....	.....	.....	111	380	307	139	53	157
Max.	12	23	.....	.....	.....	.....	425	468	530	359	366	359
Min.	0	14	.....	.....	.....	.....	0	332	52	0	0	3
A. F.	579	1047	*	*	*	*	6607	23389	18280	8569	3265	9328

*No record available.
Water used 71064 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	KEARNEY CANAL Diverted from Buffalo Creek					KEARNEY CANAL Diverted from Elm Creek				
	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	25	90	61	4	77	3	100	4	2	8
2	25	90	34	4	28	3	50	2	2	22
3	25	90	26	4	13	2	20	1	0	4
4	45	90	21	4	69	3	5	1	0	3
5	38	90	20	6	57	3	3	19	0	3
6	45	73	49	6	32	7	4	5	0	5
7	38	57	17	5	28	6	2	4	0	3
8	38	31	22	3	31	5	1	2	0	40
9	43	25	16	3	13	5	5	1	0	13
10	34	15	16	3	7	5	3	1	0	12
11	28	13	13	3	6	7	1	0	0	12
12	20	10	11	3	7	5	1	0	0	10
13	25	9	11	2	9	2	1	0	0	9
14	38	9	11	2	8	3	1	0	0	5
15	40	11	10	0	9	5	0	0	0	2
16	42	12	12	0	13	11	0	0	0	2
17	27	13	10	0	14	18	0	0	0	3
18	69	13	8	0	12	26	0	0	0	4
19	90	77	8	0	15	40	0	0	0	0
20	90	90	12	0	13	50	0	0	0	3
21	90	49	12	0	11	50	0	0	0	3
22	90	32	12	0	11	18	0	0	0	3
23	60	25	9	0	5	19	0	0	0	3
24	38	22	9	0	5	12	0	0	0	3
25	34	21	9	0	5	11	0	0	0	3
26	28	18	7	3	5	10	0	0	180	3
27	13	55	7	150	4	7	0	3	8	3
28	11	59	6	190	4	7	100	7	4	2
29	9	90	6	40	4	10	50	8	100	2
30	28	83	6	20	4	13	3	8	22	2
31	69	-----	6	93	-----	80	-----	3	2	-----
Mean	42	45	16	18	17	14	12	2	10	6
Max.	90	90	61	190	77	80	100	19	180	40
Min.	9	9	6	0	4	2	0	0	0	0
A. F.	2569	2701	946	1087	1035	885	691	137	635	377
Water used	8314 A. F.					2728 A. F.				

KEARNEY CANAL
SUMMARY IN ACRE-FEET

Diverted from:	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Elm Creek	*	"	*	885	694	137	635	377	2728
Buffalo Creek	-----	-----	-----	2569	2707	946	1087	1935	8344
Platte River	*	"	*	19935	14870	7486	1513	7916	59992
Received at Odessa for Power and Irrigation.....	579	1047	6607	23389	18280	8569	3265	9328	71064
Area reported 6360 acres Water used during July, Aug. and Sept. 21162 A. F. Per acre 3.33 A. F.									
*No record.									

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935--Continued

		KEITH-LINCOLN COUNTY CANAL						
		Diverted from North Platte River						
Date	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	80	70	40	23	6	33	0	89
2	80	70	60	10	7	31	0	97
3	80	70	80	4	7	23	0	84
4	100	70	90	4	9	45	0	80
5	100	70	85	15	12	58	0	63
6	100	70	50	27	15	47	14	51
7	100	70	50	16	14	29	10	47
8	105	70	60	16	8	23	7	49
9	100	70	58	23	8	30	7	53
10	100	70	67	22	8	41	8	45
11	80	83	76	13	10	50	24	50
12	80	83	67	9	83	63	0	51
13	80	83	58	23	58	45	0	66
14	80	83	52	29	15	39	0	69
15	80	83	41	28	13	45	0	57
16	85	83	32	36	12	58	0	51
17	80	83	29	37	6	44	0	47
18	80	83	29	33	0	51	0	47
19	80	83	29	41	0	27	0	49
20	80	83	26	30	0	18	0	49
21	80	70	50	23	0	55	6	49
22	80	60	43	36	17	60	20	53
23	80	60	54	39	15	87	70	27
24	80	60	41	26	14	82	8	8
25	80	60	9	25	11	97	2	14
26	80	0	10	11	16	91	41	8
27	80	0	9	32	27	76	63	8
28	80	0	8	17	40	59	68	64
29	80	0	8	14	40	20	87	104
30	80	0	15	8	30	0	86	104
31	80	.....	.....	6	.....	0	68	.....
Mean	85	61	44	22	17	46	19	54
Max.	105	83	90	41	83	97	87	104
Min.	80	0	8	4	0	0	0	8
A. F.	5207	3650	2630	1341	994	2836	1168	3245

Area reported 6348 acres
 Water used 21071 A. F.
 Per acre 3.33 A. F.

KENT-BURKE CANAL
 Diverted from Pawnee Creek

Date	May	June	July	Aug.	Sept.
1	0	1	2	2	2
2	0	1	2	2	2
3	0	1	2	2	2
4	0	1	2	2	2
5	0	1	2	2	2
6	0	1	2	2	2
7	0	1	2	2	3
8	0	1	2	2	3
9	0	1	2	2	2
10	0	1	2	2	2
11	0	1	2	2	1
12	0	1	2	2	1
13	0	1	2	2	1
14	0	1	2	2	1
15	0	1	2	2	1
16	0	2	2	2	1
17	0	2	2	2	1
18	0	2	2	2	1
19	0	2	2	2	1
20	0	2	2	2	1
21	0	2	2	3	2
22	0	2	2	3	2
23	0	2	2	3	2
24	0	2	2	3	2
25	0	2	2	3	2
26	0	0	2	3	2
27	0	0	2	3	2
28	0	0	2	3	2
29	0	0	2	3	2
30	0	0	2	3	2
31	0	.....	2	3	.....
Mean	0	1	2	2	1
Max.	0	2	2	3	2
Min.	0	1	2	2	1
A. F.	0	69	60	145	99

Area reported 560 acres
 Water used 373 A. F.
 Per acre 0.67 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
KEYSTONE CANAL

Diverted from White Tail Creek

KIMBALL CANAL, NORTH
Diverted from Lodgepole
Creek and Oliver Reservoir

Date	KEYSTONE CANAL						KIMBALL CANAL, NORTH				
	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	10	8	18
2	0	0	0	0	0	11	0	0	10	12	15
3	0	0	0	0	0	11	0	0	12	12	18
4	0	0	0	0	0	14	0	0	6	13	9
5	0	0	0	17	0	14	0	0	8	13	0
6	0	0	0	15	0	14	0	0	11	16	0
7	0	0	0	15	0	17	0	0	11	19	0
8	0	0	0	18	0	17	0	0	11	19	0
9	0	0	0	19	0	17	0	0	7	22	0
10	0	0	0	18	0	17	0	0	5	22	0
11	0	0	0	20	0	17	0	0	6	23	0
12	0	0	0	20	0	17	0	0	7	23	0
13	0	0	0	24	0	17	0	0	12	24	0
14	0	0	0	24	0	17	0	0	12	25	0
15	0	0	0	24	0	17	0	0	13	24	0
16	0	9	0	20	0	18	0	0	19	23	0
17	0	10	0	0	0	18	0	0	0	23	0
18	0	0	0	0	0	18	0	0	18	22	0
19	0	0	0	0	0	18	0	0	17	24	0
20	0	0	0	0	0	17	0	0	15	24	0
21	0	0	0	0	0	13	0	0	15	26	0
22	0	0	0	14	0	8	0	0	15	25	0
23	0	0	0	17	0	8	0	0	12	0	16
24	0	0	0	17	0	8	0	0	11	0	16
25	0	0	0	16	0	10	0	0	11	0	16
26	0	0	0	17	0	0	0	0	11	0	16
27	0	0	0	17	0	0	0	0	9	0	16
28	0	0	0	2	0	0	0	5	9	0	0
29	0	0	0	0	0	0	0	4	7	0	0
30	0	0	0	0	0	0	0	4	7	25	0
31	0	0	0	0	0	0	0	7	7	23	0
Mean	0	0.6	0	10	0	11	0	0.5	10	16	5
Max.	0	10.0	0	24	0	18	0	5.0	19	26	18
Min.	0	0.0	0	0	0	0	0	0.0	5	0	0
A. F.	0	38.0	0	623	0	680	0	26.0	643	972	278
Area reported 2475 acres							Water used 1919 A. F.				
Water used 1341 A. F.											
Per acre 0.54 A. F.											

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
KIMBALL CANAL, SOUTH
 Diverted from Lodgepole Creek and
 Oliver Reservoir

Date	May	June	July	Aug.	Sept.
1	0	0	0	32	26
2	0	0	0	30	27
3	0	0	11	30	35
4	0	0	7	30	32
5	0	0	11	29	20
6	0	0	15	30	0
7	0	0	19	32	0
8	0	0	24	32	0
9	0	0	35	31	0
10	0	0	34	33	0
11	0	0	37	32	0
12	0	0	41	31	0
13	0	0	44	30	0
14	0	0	43	30	0
15	0	0	42	30	0
16	0	0	0	29	0
17	0	0	0	28	0
18	0	0	11	41	0
19	0	0	30	27	0
20	0	0	38	28	0
21	0	0	41	30	0
22	0	0	41	30	24
23	0	0	38	15	25
24	0	0	39	0	28
25	0	0	38	0	26
26	0	0	38	0	24
27	0	0	35	0	24
28	0	0	35	0	0
29	0	0	42	0	0
30	0	0	36	27	0
31	0	-----	33	26	-----
Mean	0	0	28	24	10
Max.	0	0	44	41	35
Min.	0	0	0	0	0
A. F.	0	0	1702	1480	595

Water used 3777 A. F.

KIMBALL CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
North Canal	0	26	643	972	278	1919
South Canal	0	0	1702	1480	595	3777
Total	0	26	2345	2452	873	5696

Area reported 4592 acres

Water used 5696 A. F.

Per acre 1.24 A. F.

	A.-Ft.	A.-Ft.
Oliver Reservoir storage		
October 1, 1934.....	150	-----
Maximum storage June 30, 1935.....	5470	-----
Total storage.....		5470
Inflow during irrigation season.....		1943
Total supply.....		7413
Total diversion for irrigation.....	5696	-----
Estimated evaporation loss.....	1200	-----
Oliver Reservoir storage		
October 1, 1935.....	400	-----
Unaccounted for.....	117	-----
Total.....	7413	7413
Area of Reservoir when full 525 acres		
Capacity 5500 Acre-feet		

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

KINNEY CANAL, SOUTH						KINNEY CANAL, NORTH					
Diverted from Lodgepole Creek						Diverted from Lodgepole Creek					
Date	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.	
1		0	4	5	2	*	*	0.0	2.0	0.5	
2		0	4	6	2			0.0	2.0	0.5	
3		0	4	6	2			0.0	2.0	0.5	
4		0	4	6	2			0.0	2.0	0.5	
5		0	4	5	1			0.0	1.0	0.5	
6		0	4	5	3			0.0	1.0	0.5	
7		0	4	5	3			0.0	1.0	0.5	
8		0	4	5	3			0.0	1.0	0.5	
9		0	4	5	3			0.0	1.0	0.5	
10		0	3	5	3			0.0	1.0	0.5	
11		0	4	6	3			0.0	1.0	0.5	
12		0	3	6	3			0.0	1.0	0.5	
13		0	4	6	3			0.0	0.0	0.5	
14		0	4	6	3			0.0	0.0	0.0	
15		0	4	4	2			0.0	0.0	0.0	
16		0	4	4	3			0.0	0.0	0.0	
17		0	3	4	2			0.0	0.0	0.0	
18		0	4	5	2			0.0	0.0	0.0	
19		0	4	5	2			0.3	0.0	0.0	
20		0	4	5	2			0.3	0.0	0.0	
21		0	3	5	2			0.5	0.0	0.0	
22		0	4	5	2			0.5	0.0	0.0	
23		0	3	4	2			0.5	0.0	0.0	
24		0	3	4	2			0.7	0.5	0.0	
25		0	3	3	2			0.7	0.5	0.0	
26		2	4	3	2			0.7	0.5	0.0	
27		2	4	3	2		*	0.8	0.5	0.0	
28		2	3	2	0		0.0	0.8	0.5	0.0	
29		3	4	2	0		0.0	1.0	0.5	0.0	
30		4	4	2	0		0.3	1.0	0.5	0.0	
31	*		5	2		*		1.0	0.5		
Mean.		0.5	4	4	2			0.3	0.6	0.2	
Max.		4.0	5	6	3			1.0	2.0	0.5	
Min.		0.0	3	2	0			0.0	0.0	0.0	
A. F.	*	26.0	232	256	145	*		18.0	40.0	12.0	

Water used 659 A. F.
*No record.

Water used 70 A. F.

KINNEY CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
Kinney Canal, South.....	0	26	232	256	145	659
Kinney Canal, North.....	0	0	18	40	12	70
Total	0	26	250	296	157	729
Area reported 208 acres						Acreage Reports
Water used 729 A. F.						A-718 54 acres
Per acre 3.50 A. F.						D-348 154 acres
						Total 208 acres

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	LAST CHANCE CANAL						
	Diverted from Pumpkinseed Creek						
	Oct.	Nov.	May	June	July	Aug.	Sept.
1	3	8	0	0	0	0	2
2	3	8	0	0	0	0	2
3	3	8	0	0	0	0	2
4	3	8	0	0	0	0	2
5	3	8	0	0	0	0	2
6	3	6	0	0	0	0	2
7	3	6	0	0	0	0	0
8	3	6	0	0	0	0	2
9	3	6	0	0	0	0	2
10	3	6	0	0	0	0	2
11	3	6	0	0	0	0	2
12	3	6	0	0	0	0	2
13	3	6	0	0	0	0	2
14	3	6	0	0	0	0	2
15	3	6	0	0	0	0	2
16	5	5	0	0	0	0	2
17	5	5	0	0	0	0	2
18	5	5	0	0	0	0	2
19	5	5	0	0	0	0	2
20	5	5	0	0	0	0	7
21	9	5	0	0	0	0	7
22	9	5	0	0	0	0	7
23	9	5	0	0	0	0	7
24	9	5	0	0	0	0	7
25	9	5	0	0	0	0	1
26	9	0	0	0	0	3	0
27	9	0	0	0	0	3	0
28	9	0	0	0	0	3	0
29	9	0	0	0	0	3	5
30	9	0	0	0	0	3	6
31	9	.....	0	.....	0	3	.....
Mean	5	5	0	0	0	0.6	3
Max.	9	8	0	0	0	3.0	7
Min.	3	0	0	0	0	0.0	0
A. F.	335	297	0	0	0	38.0	168

Area reported 130 acres

Water used 836 A. F.

Per acre 1.91 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	LISCO CANAL							
	Diverted from North Platte River							Sept.
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	27	27	0	0	0	0	0	18
2	27	27	0	16	0	0	0	21
3	27	27	29	17	0	0	0	17
4	27	27	24	28	0	0	0	16
5	27	27	32	25	0	0	0	31
6	27	27	42	25	0	0	0	18
7	27	27	38	37	0	0	0	42
8	27	27	33	37	0	0	0	79
9	22	27	35	38	0	0	0	0
10	22	27	0	37	0	0	0	0
11	22	27	35	28	0	0	0	0
12	24	27	38	8	0	0	0	0
13	24	27	24	8	0	0	0	18
14	24	27	31	0	0	0	0	21
15	27	27	35	0	0	0	0	25
16	27	27	50	0	0	19	0	23
17	27	27	47	0	0	25	0	27
18	27	27	41	0	0	19	0	28
19	27	27	41	0	0	12	0	24
20	27	27	60	0	0	6	0	22
21	24	20	37	0	0	10	0	22
22	24	20	32	0	0	0	0	18
23	24	20	30	0	0	0	0	24
24	24	20	27	0	0	13	0	22
25	24	20	0	0	0	10	0	15
26	20	20	0	0	0	10	0	11
27	20	10	0	0	0	19	0	16
28	20	0	0	0	0	23	0	21
29	20	0	0	0	0	19	0	31
30	20	0	0	0	0	18	8	31
31	20	0	.....	0	.....	18	8	.....
Mean	24	22	27	10	0	7	0.5	22
Max.	27	27	60	38	0	25	8.0	34
Min.	20	0	0	0	0	0	0.0	0
A. F.	1500	1320	1515	603	0	442	32.0	1301
Water used	6722	A. F.						

DIVERSIONS BY LISCO CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total	
Diverted from N. Platte River	1500	1320	1515	603	0	142	32	1301	6722	
From Cold Water Creek.....	184	160	0	242	190	165	137	106	1274	
Total	1684	1480	1515	845	190	607	169	1497	7996	
Area reported 2636 acres									Acreage Reports	
Water used 7996 A. F.									D-856	1391 acres
Per acre 3.01 A. F.									A-991	216 acres
									D-787	394 acres
									A-243	635 acres
									Total	2636 acres

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

LONERGAN CANAL

Date	Diversed from Lonerган Creek					Aug.	Sept.
	Oct.	Nov.	May	June	July		
1	3	3	1	0	0	0	1
2	3	3	1	1	1	0	3
3	3	3	1	1	0	0	3
4	3	3	2	0	0	1	3
5	3	3	1	0	0	1	3
6	3	3	1	0	0	1	3
7	3	3	1	1	0	1	3
8	3	3	1	1	1	1	2
9	3	3	1	1	1	1	2
10	3	3	1	1	1	2	2
11	3	5	1	1	1	2	3
12	3	5	1	1	1	2	3
13	3	5	1	1	1	2	3
14	3	5	1	1	1	2	3
15	3	5	1	1	1	2	3
16	3	5	1	0	1	2	3
17	3	5	1	0	1	2	3
18	3	5	1	0	1	2	3
19	3	5	1	0	1	2	3
20	3	5	1	0	1	2	3
21	3	5	1	0	1	2	3
22	3	5	1	0	1	2	4
23	3	5	1	0	1	2	4
24	3	5	0	0	0	2	4
25	3	5	1	0	0	2	4
26	3	5	1	0	0	2	4
27	3	5	1	0	0	2	4
28	3	5	0	0	0	3	4
29	3	5	0	0	0	3	4
30	3	5	1	0	0	3	4
31	3	-----	2	-----	0	3	-----
Mean	3	4	1	0.3	0.5	2	3
Max.	3	5	2	1.0	1.0	3	4
Min.	3	3	0	0.0	0.0	0	1
A. F.	184	257	59	22.0	34.0	107.	186

Area reported 707 acres
 Water used 849 A. F.
 Per acre 1.20 A. F.

LYONS CANAL

Date	Diversed from North Platte River				Aug.	Sept.
	Oct.	May	June	July		
1	0	0	0	0	4	7
2	0	0	0	0	0	14
3	0	0	0	0	0	19
4	0	0	0	0	0	13
5	0	0	0	0	2	17
6	0	0	0	0	0	19
7	0	1	0	0	0	14
8	0	1	0	0	0	18
9	0	1	0	0	0	21
10	0	1	0	0	0	20
11	8	1	0	0	0	13
12	8	1	0	0	0	12
13	8	0	0	0	0	11
14	8	0	0	0	0	15
15	8	0	0	0	0	14
16	10	0	0	0	0	15
17	10	0	0	0	0	16
18	10	0	0	0	0	20
19	10	0	0	0	0	16
20	10	0	0	0	0	15
21	5	0	0	0	0	2
22	5	0	0	0	0	1
23	5	0	0	0	0	0
24	5	0	0	0	0	0
25	5	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	8	0	0
28	0	0	0	7	2	0
29	0	0	0	7	0	0
30	0	0	0	4	0	0
31	0	0	-----	7	0	-----
Mean	4	0.2	0	1	0.2	10
Max.	10	1.0	0	8	4.0	21
Min.	0	0.0	0	0	0.0	0
A. F.	278	12.0	0	65	16.0	618

Area reported 2302 acres
 Water used 990 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	McCARTHY CANAL					McFARLAND CANAL					
	Diverted from Oct.	White May	Tail June	Creek July	Aug. Sept.	Diverted from May	White June	Clay July	Creek Aug.	Sept.	
1	2	0	1	1	0	0	2.0	*	0.0	1.1	0.0
2	2	0	0	1	0	0	2.0	.....	0.0	0.4	0.0
3	2	0	0	1	0	0	2.0	.....	0.0	0.4	0.0
4	2	0	0	1	0	1	2.0	.....	0.0	0.4	0.0
5	2	0	0	1	0	1	2.0	.....	0.0	0.4	0.0
6	2	0	0	1	0	1	2.0	.....	2.2	0.9	0.0
7	2	1	0	1	0	0	2.0	.....	2.2	0.8	0.0
8	2	1	0	1	0	0	2.0	.....	2.0	0.0	0.0
9	2	1	0	1	0	0	2.0	.....	2.0	0.0	0.0
10	2	1	0	1	0	0	2.0	.....	2.0	0.0	0.0
11	2	1	0	1	0	0	2.4	.....	1.5	0.0	0.0
12	2	0	1	1	0	0	2.4	.....	1.5	0.7	0.0
13	2	0	1	1	0	0	2.4	.....	1.5	0.7	0.0
14	2	1	1	1	0	0	2.1	.....	1.5	0.7	0.8
15	2	1	1	1	0	0	2.4	.....	1.5	0.7	0.8
16	2	1	1	1	0	0	0.0	.....	1.3	0.5	0.5
17	2	1	1	1	0	0	0.0	.....	1.3	0.5	0.5
18	2	1	1	1	0	0	0.0	.....	1.6	0.5	0.5
19	2	1	1	1	0	1	0.0	.....	1.8	0.5	0.5
20	2	1	1	1	0	1	0.0	.....	1.8	0.5	0.5
21	2	1	1	1	0	1	0.0	.....	1.6	0.5	0.3
22	2	1	1	1	0	1	0.0	.....	1.6	0.5	0.3
23	2	1	1	1	0	1	0.0	.....	1.6	0.5	0.3
24	2	1	1	1	0	1	0.0	.....	1.6	0.5	0.3
25	2	1	1	1	0	1	0.0	.....	1.6	0.5	0.3
26	2	1	1	1	0	1	0.0	.....	1.1	0.8	1.1
27	0	1	1	1	0	1	0.0	.....	1.1	0.8	0.3
28	0	0	1	1	0	1	0.0	.....	1.1	0.8	0.3
29	0	0	1	1	0	1	0.0	.....	1.1	0.8	0.3
30	0	0	1	1	0	1	0.0	.....	1.1	0.8	0.3
31	0	0	.....	1	0	.....	0.0	.....	1.1	0.8	.....
Mean	2	0.6	0.6	1	0	0.5	1.0	.....	1.3	0.5	0.2
Max.	2	1.0	1.0	1	0	1.0	2.4	.....	2.2	1.1	0.8
Min.	0	0.0	0.0	1	0	0.0	0.0	.....	0.0	0.0	0.0
A. F.	103	38.0	40.0	60	0	30.0	61.0	*	79.0	34.0	16.0

Area reported 70 acres
Water used 271 A. F.
Per acre 3.87 A. F.

Area reported 90 acres
Water used 190 A. F.
Per acre 2.10 A. F.
*No record.

MEEKER CANAL

Date	Diverted from Republican River						Aug.	Sept.
	Oct.	Nov.	Apr.	May	June	July		
1	19	30	0	11	0	0	0	0
2	19	30	0	16	0	0	0	0
3	19	30	0	26	0	0	0	0
4	19	30	0	28	0	0	0	0
5	19	30	0	31	0	0	0	0
6	19	35	0	30	0	0	0	0
7	19	35	10	31	0	0	0	0
8	19	35	20	36	0	0	0	0
9	18	35	20	37	0	0	0	0
10	13	35	20	38	0	0	0	0
11	18	35	30	38	0	0	0	0
12	25	35	35	39	0	0	0	0
13	26	35	37	39	0	0	0	0
14	30	35	37	41	0	0	0	0
15	20	35	37	44	0	0	0	0
16	4	40	35	45	0	0	0	0
17	15	40	35	40	0	0	0	0
18	24	40	35	28	0	0	0	0
19	23	40	35	29	0	0	0	0
20	23	40	35	29	0	0	0	0
21	40	41	30	30	0	0	0	0
22	40	41	30	30	0	0	0	0
23	40	41	30	30	0	0	0	0
24	40	41	30	30	0	0	0	0
25	40	41	30	30	0	0	0	0
26	35	30	24	30	0	0	0	20
27	35	30	24	30	0	0	0	20
28	35	30	24	30	0	0	0	20
29	35	30	22	0	0	0	0	20
30	35	30	11	0	0	0	0	20
31	35	.....	.....	0	.....	0	0	.....
Mean	26	35	22	29	0	0	0	3
Max.	40	41	37	45	0	0	0	20
Min.	4	30	0	0	0	0	0	0
A. F.	1589	2002	1341	1777	0	0	0	198

Area reported 2370 acres
Water used 6997 A. F.
Per acre 2.43 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
MEREDITH-AMMER CANAL
 Diverted from Pumpkinseed Creek

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	2	2	3
2	3	0	0	2	0	3
3	3	0	4	3	1	3
4	3	4	4	4	2	3
5	3	3	3	5	1	3
6	3	3	2	6	0	4
7	3	3	2	6	0	4
8	3	2	2	4	0	4
9	3	2	2	5	0	4
10	3	2	2	6	0	4
11	3	2	2	5	0	4
12	3	2	1	5	0	4
13	3	2	1	5	0	4
14	3	0	1	5	0	5
15	3	0	0	5	0	5
16	3	0	0	4	0	5
17	3	0	0	4	0	5
18	3	0	0	4	0	5
19	3	0	0	4	0	5
20	3	0	0	4	0	5
21	5	0	0	4	0	5
22	5	0	0	4	0	5
23	5	0	0	4	0	4
24	5	0	0	4	0	4
25	5	0	0	4	0	5
26	5	0	0	4	0	6
27	5	0	0	4	0	6
28	5	0	0	4	0	6
29	5	0	0	4	0	6
30	5	0	0	4	3	6
31	5	0	-----	4	3	-----
Mean	4	1	1	4	0.4	4
Max.	5	4	4	6	3.0	6
Min.	3	0	0	2	0.0	3
A. F.	327	50	51	262	24.0	276

Area reported 981 acres

Water used 990 A. F. Per acre 1.01 A. F.

MIDLAND-OVERLAND CANAL							
Diverted from North Platte River							
Date	Oct.	Nov.	Apr.	May	June	July	Aug. Sept.
1	20	8	0	0	1	0	0 10
2	20	8	0	0	1	0	0 10
3	20	8	0	0	5	15	0 9
4	23	8	0	0	1	14	1 11
5	22	8	0	0	2	19	1 14
6	20	8	0	0	2	18	1 15
7	18	8	0	0	2	16	1 15
8	15	8	0	0	2	18	1 15
9	15	8	0	0	1	16	0 16
10	15	8	0	0	1	16	0 16
11	15	8	0	0	1	15	0 19
12	16	8	0	0	1	14	0 19
13	15	8	0	0	0	13	0 18
14	15	8	0	0	1	12	0 17
15	15	8	0	0	1	10	0 17
16	12	9	0	0	1	6	0 5
17	12	9	0	0	1	4	0 18
18	12	9	0	0	0	2	0 18
19	12	9	0	0	0	0	0 18
20	12	9	0	0	0	2	2 18
21	10	4	0	0	0	0	0 19
22	10	4	0	0	2	0	0 19
23	10	4	18	0	1	0	0 19
24	10	4	18	0	0	14	0 18
25	10	4	18	1	0	19	0 0
26	8	0	0	2	0	18	0 0
27	8	0	0	2	0	16	0 0
28	8	0	0	2	0	15	0 18
29	8	0	0	4	0	10	0 19
30	8	0	0	0	0	0	0 19
31	8	-----	-----	0	-----	0	0 0
Mean	12	3	2	0.3	0.3	10	0.4 14
Max.	23	9	18	4.0	5.0	19	6.0 19
Min.	8	0	0	0.0	0.0	0	0.0 0
A. F.	738	367	107	18.0	18.0	509	24.0 851

Area reported 2005 acres

Water used 2722 A. F.

Per acre 1.35 A. F.

D-789 901 acres

D-791 1104 acres

Total 2005 acres

DEPARTMENT OF ROADS AND IRRIGATION

865

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

MINATARE CANAL						
Date	Diverted from North Platte River			July	Aug.	Sept.
	Apr.	May	June			
1	0	0	6	70	61	40
2	0	5	8	82	89	69
3	0	3	7	81	87	52
4	0	5	7	69	86	70
5	0	5	7	80	81	76
6	0	5	7	75	80	74
7	0	5	6	77	85	61
8	0	5	6	71	97	43
9	0	3	6	70	90	40
10	0	5	3	65	88	77
11	0	5	1	52	99	51
12	0	8	8	63	76	33
13	0	5	1	73	74	39
14	0	5	1	82	80	39
15	0	5	1	88	74	44
16	0	5	8	89	88	49
17	0	6	7	80	78	48
18	0	6	6	80	80	44
19	0	6	4	78	72	49
20	0	6	4	73	91	50
21	0	6	2	70	52	48
22	8	5	2	69	57	46
23	3	5	4	69	56	50
24	3	5	4	63	24	51
25	3	5	2	60	28	73
26	5	6	20	66	61	78
27	5	6	39	91	65	40
28	5	7	49	97	42	24
29	5	7	52	127	75	26
30	5	7	59	107	56	29
31	.....	7	.....	65	41	.....
Mean	1	5	11	77	72	50
Max.	8	8	59	127	99	78
Min.	0	0	1	52	24	24
A. F.	83	325	670	4725	4395	3011

Area reported 9182 acres
 Water used 13209 A. F.
 Per acre 1.39 A. F.

MITCHELL CANAL								
Date	Diverted from North Platte River			July	Aug.	Sept.		
	Oct.	Nov.	Apr.					
1	94	72	0	58	16	142	189	1
2	96	70	0	82	3	144	188	0
3	96	34	0	89	0	153	186	0
4	96	50	0	82	0	152	189	0
5	98	72	0	74	0	156	187	0
6	98	86	0	75	0	172	187	0
7	94	92	55	89	0	178	187	0
8	93	90	33	83	0	174	188	0
9	88	91	32	101	0	175	194	0
10	87	89	29	106	0	174	194	0
11	80	92	27	99	0	174	20	0
12	81	91	27	99	0	174	194	0
13	85	90	29	80	0	175	194	0
14	90	93	27	62	0	172	0	0
15	93	92	28	58	0	174	0	0
16	91	93	62	61	0	174	0	0
17	92	94	76	45	0	174	0	0
18	87	95	88	40	0	174	0	0
19	74	100	89	23	0	174	0	0
20	73	105	89	19	0	174	0	0
21	72	109	93	23	0	174	0	0
22	76	106	114	27	0	178	0	0
23	84	103	131	20	0	178	0	0
24	81	105	142	19	49	178	20	0
25	71	99	118	22	79	178	75	0
26	63	96	57	30	102	179	148	0
27	72	93	37	26	110	180	153	0
28	72	96	51	11	114	182	173	0
29	71	92	59	8	118	189	85	0
30	71	86	59	8	128	188	3	0
31	71	.....	.....	9	.....	187	3	.....
Mean	83	89	65	53	24	173	95	0.1
Max.	98	109	142	106	128	189	194	1.0
Min.	63	50	0	8	0	142	0	0.0
A. F.	5117	5308	3078	3255	1414	10612	5865	2.0

Area reported 13769 acres
 Water used 34651 A. F.
 Per acre 2.51 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	MUTUAL CANAL					
	Diverted from Apr.	from May	Pumpkinseed June	Creek July	Aug.	Sept.
1	6	0	0	1	6	1
2	6	0	0	1	7	1
3	6	0	0	1	7	1
4	6	0	0	1	7	1
5	6	0	0	1	7	1
6	6	0	0	1	4	1
7	6	0	0	1	7	1
8	6	0	0	1	3	1
9	6	0	0	1	3	1
10	6	0	0	1	1	1
11	6	0	0	5	1	1
12	6	0	0	4	1	1
13	6	0	0	8	1	1
14	6	0	0	3	1	1
15	6	0	0	4	1	1
16	7	0	0	4	1	2
17	7	0	0	4	1	2
18	7	0	0	3	2	2
19	7	0	0	3	1	2
20	7	0	0	3	1	2
21	7	0	0	4	1	1
22	7	0	0	3	1	2
23	7	0	0	3	1	2
24	7	0	0	3	1	2
25	0	0	0	3	1	2
26	0	0	0	3	1	2
27	0	0	0	3	1	2
28	0	0	0	2	1	2
29	0	0	0	4	1	2
30	0	0	0	6	5	2
31	-----	0	-----	6	1	-----
Mean	5	0	0	3	2	1
Max.	7	0	0	8	7	2
Min.	0	0	0	1	1	1
A. F.	303	0	0	180	157	87

Area reported 455 acres
Water used 727 A. F.
Per acre 1.60 A. F.

Date	NINE MILE CANAL						
	Diverted from Oct.	from Nov.	May	June	July	Aug.	Sept.
1	34	40	0	0	93	0	68
2	34	50	0	0	47	0	68
3	34	60	0	0	47	0	68
4	34	60	0	0	69	0	66
5	34	60	0	0	32	0	65
6	40	40	0	0	73	0	62
7	40	30	0	0	62	0	63
8	40	20	0	0	61	0	74
9	40	20	0	0	75	0	70
10	40	20	0	0	86	0	65
11	45	10	0	0	81	0	66
12	50	0	0	0	83	0	73
13	50	0	0	0	89	0	67
14	51	0	0	0	100	0	64
15	55	0	0	0	41	0	73
16	57	0	0	0	87	0	71
17	57	0	0	0	58	0	67
18	57	0	0	0	72	0	67
19	57	0	0	0	36	0	67
20	64	0	0	0	47	0	70
21	60	0	0	0	63	0	68
22	60	0	0	0	68	0	71
23	60	0	0	0	48	0	70
24	60	0	0	0	69	0	73
25	60	0	0	22	76	0	74
26	50	0	0	27	68	0	72
27	40	0	0	33	68	0	68
28	40	0	0	29	70	0	73
29	40	0	0	34	62	0	71
30	40	0	0	26	28	0	71
31	40	-----	0	-----	48	0	-----
Mean	47	13	0	6	68	0	68
Max.	64	60	0	34	100	0	74
Min.	34	0	0	0	28	0	62
A. F.	2902	813	0	339	4179	0	4096

Water used 12326 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	NINE MILE CANAL					
	Diverted from Nine Mile Drain					
	Apr.	May	June	July	Aug.	Sept.
1	0	0	2	0	0	0
2	0	0	4	0	0	0
3	0	0	3	0	0	0
4	0	0	2	0	0	0
5	0	0	2	0	0	0
6	0	0	3	0	0	0
7	0	0	6	0	0	0
8	0	0	2	0	0	0
9	0	0	4	0	0	0
10	0	0	3	0	0	0
11	0	0	4	0	0	0
12	0	0	7	0	0	0
13	0	0	3	0	0	0
14	0	0	3	0	0	0
15	0	0	4	0	0	0
16	0	0	4	0	0	0
17	0	0	8	0	0	0
18	0	0	3	0	0	0
19	0	0	2	0	0	0
20	0	0	6	0	0	0
21	0	0	6	0	0	0
22	0	0	6	0	0	0
23	0	0	6	0	0	0
24	0	0	6	0	0	0
25	0	0	9	0	0	0
26	0	2	8	0	0	0
27	0	2	14	0	0	0
28	0	2	15	0	0	0
29	0	3	18	0	0	0
30	0	2	8	0	0	0
31	-----	2	-----	0	-----	-----
Mean	0	0.5	5	0	0	0
Max.	0	3.0	16	0	0	0
Min.	0	0.0	2	0	0	0
A. F.	0	26.0	335	0	0	0

Water used 361 A. F.

NINE MILE CANAL
SUMMARY IN ACRE-FEET

From:	SUMMARY IN ACRE-FEET							Total	
	Oct.	Nov.	Apr.	May	June	July	Aug.		Sept.
No. Platte River.....	2902	813	0	0	339	4179	0	4096	12329
Nine Mile Drain.....	0	0	0	26	335	0	0	0	361
Total	2902	813	0	26	674	4179	0	4096	12690

Area reported 5913 acres
Water used 12690 A. F.
Per acre 2.14 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	NORTH PLATTE CANAL							
	Diverted from		North Platte			River		
	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	89	170	0	18	7	97	78	110
2	92	170	0	16	7	112	83	111
3	99	145	0	16	7	118	130	98
4	100	145	0	110	0	155	133	89
5	101	145	0	64	0	157	143	74
6	124	145	0	80	5	166	165	85
7	111	145	0	87	0	154	193	120
8	110	145	0	84	0	155	171	120
9	106	140	0	55	0	174	177	107
10	104	105	0	75	0	170	183	72
11	102	72	0	98	0	184	150	91
12	100	67	0	95	0	159	145	115
13	98	112	0	90	120	166	177	92
14	117	75	0	85	92	171	137	109
15	117	120	0	76	97	139	143	109
16	49	112	0	37	61	123	147	122
17	0	46	27	17	49	81	139	115
18	0	101	28	17	48	70	199	221
19	0	99	28	15	53	96	195	221
20	0	96	140	18	59	137	199	207
21	0	96	136	18	59	166	201	183
22	0	87	162	18	56	182	206	162
23	9	87	197	17	54	175	193	103
24	145	89	83	16	51	187	185	106
25	135	87	34	17	51	197	188	106
26	135	83	30	17	46	184	189	130
27	131	87	24	7	65	158	177	135
28	117	0	22	0	103	128	135	135
29	155	0	22	0	99	72	128	123
30	165	0	21	0	91	63	112	92
31	165	.....	.....	5	.....	67	107	.....
Mean	90	99	31	41	42	141	159	122
Max.	165	170	197	110	120	197	206	221
Min.	0	0	0	0	0	70	78	72
A. F.	5518	5893	1843	2515	2539	8691	9814	7265

Water used 44111 A. F.

NORTH PLATTE CANAL
SUMMARY IN ACRE-FEET

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
From North Platte River	5518	5893	1843	2515	2539	8691	9814	7265	41111
Waste	^a	^a	^c	196	658	412	188	756	2210
Net Diversion	5518	5893	1843	2319	1881	8282	9626	6509	41901

Area reported 14050 acres.

Water used 41901 A. F.

Per acre 2.98 A. F.

^aNo record.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

NORTHPORT CANAL

Diverted from North Platte River and Pathfinder Reservoir

Measurements Made at Red Willow Rating Flume

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	86	201	155
2	0	0	0	69	207	136
3	0	0	0	57	210	0
4	0	0	0	110	206	0
5	0	0	0	210	203	0
6	0	0	0	187	196	0
7	0	0	0	175	195	82
8	0	0	0	181	195	150
9	0	0	0	210	185	145
10	102	0	31	215	198	140
11	171	0	152	196	205	145
12	230	0	125	185	178	130
13	223	0	195	196	153	129
14	238	0	148	212	115	130
15	238	0	175	228	183	130
16	117	0	167	235	152	147
17	88	0	166	216	159	142
18	52	0	175	221	203	145
19	20	0	150	210	249	105
20	0	0	130	210	212	0
21	0	0	117	216	194	0
22	0	0	119	230	175	0
23	0	0	119	222	184	0
24	0	0	96	219	155	0
25	0	0	83	212	140	0
26	0	0	73	191	144	0
27	0	0	66	200	144	0
28	0	0	52	214	133	0
29	0	0	50	205	130	0
30	0	0	64	195	98	0
31	0	0	.....	188	105	.....
Mean	48	0	81	191	175	67
Max.	238	0	195	235	249	155
Min.	0	0	0	57	98	0
A. F.	2931	0	4871	11710	10750	4005

Area reported 16131 acres
Water used 31336 A. F.
Per acre 1.91 A. F.

NORTH RIVER CANAL

Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	16	0	14	0	0	0	0
2	16	0	15	0	0	0	2
3	16	0	8	0	0	0	2
4	16	0	11	0	0	0	1
5	0	0	13	0	0	0	22
6	0	1	13	0	0	0	1
7	0	0	15	0	0	0	39
8	0	0	12	0	0	0	66
9	0	1	9	0	0	0	39
10	0	0	8	0	0	0	41
11	0	0	6	0	0	0	41
12	0	11	5	0	0	0	42
13	0	13	8	0	0	0	39
14	0	17	9	0	0	0	39
15	0	11	5	0	0	0	41
16	0	10	0	0	0	0	37
17	0	11	0	0	0	0	39
18	0	9	0	0	0	0	34
19	0	10	0	0	0	0	39
20	0	9	0	0	0	0	37
21	0	10	0	0	0	0	17
22	0	9	0	0	0	0	8
23	0	11	0	0	0	0	14
24	0	2	0	0	0	0	10
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	.....	0	.....	0	0	.....
Mean	2	5	5	0	0	0	21
Max.	16	17	15	0	0	0	66
Min.	0	0	0	0	0	0	0
A. F.	127	273	299	0	0	0	1285

Area reported 4972 acres
Water used 1985 A. F.
Per acre 0.40

D-787 1120 acres
A-243 3852 acres

Total 4972 acres

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

OLIVER RESERVOIR-KIMBALL IRRIGATION DISTRICT

Diverted from Lodgepole Creek, Storage in acre-feet

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	150		1660						4950			
2						2735	3200					
3		1150										
4									4060			
5				2300								
6	300							3500		5350		
7										5270		
8			1780									325
9						2840	3260			5310		
10		1325										
11											1525	
12				2437								
13	625							3600				
14												
15			1800									660
16					2930	3340				5470		
17		1460										
18											1025	
19								4350				
20	840			2510		3340						
21								3630				
22			1930								3540	820
23									5470			870
24		1550				3050						
25							3200			3170	700	
26								4510				
27	975			2025	3080							
28												
29			2180								710	400
30						3470				5470		
											600	

ORCHARD-ALFALFA CANAL

Diverted from Platte River

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	0	0	58	0	0	0	0	0
2	0	0	58	29	0	0	0	0
3	0	0	47	28	0	0	0	0
4	0	0	44	0	0	0	0	0
5	0	0	39	0	0	0	0	0
6	0	79	61	18	0	0	0	0
7	0	79	52	24	0	0	0	0
8	0	73	61	22	0	0	0	0
9	0	36	66	0	0	0	0	0
10	0	53	60	0	0	0	0	0
11	0	86	44	0	0	0	0	0
12	0	69	57	0	0	0	0	0
13	0	79	55	0	0	0	0	0
14	0	79	58	0	0	44	0	0
15	0	79	35	0	0	35	0	0
16	0	80	41	0	0	28	0	0
17	0	80	51	0	0	18	0	0
18	0	80	29	0	0	0	0	0
19	0	80	26	0	0	0	0	0
20	0	80	36	0	0	0	0	0
21	0	84	38	0	0	0	0	0
22	0	80	35	0	0	0	0	0
23	0	76	33	0	0	0	0	0
24	0	78	55	0	0	0	0	0
25	0	79	39	0	0	0	0	0
26	0	73	0	0	0	0	0	0
27	0	76	0	0	0	0	0	0
28	0	79	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0			0		0	0	
Mean	0	64	39	4	0	4	0	0
Max.	0	86	58	29	0	44	0	0
Min.	0	0	0	0	0	0	0	0
A. F.	0	3441	2336	240	0	244	0	0

Area reported 5930 acres

Water used 6261 A. F.

Per acre 1.05 A. F.

DEPARTMENT OF ROADS AND IRRIGATION

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

OSHKOSH CANAL

Diverted from North Platte River

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	8
2	0	0	0	0	9
3	0	0	0	0	6
4	0	0	0	0	13
5	0	0	0	0	12
6	0	0	0	0	12
7	0	0	0	0	12
8	0	0	0	0	12
9	0	0	0	0	14
10	0	0	0	0	12
11	0	0	0	0	10
12	0	0	0	0	9
13	0	0	0	0	9
14	0	1	0	0	8
15	0	1	0	0	7
16	0	1	0	0	6
17	0	1	0	0	9
18	0	2	0	0	9
19	0	1	0	0	9
20	0	1	0	0	8
21	0	1	0	0	7
22	0	1	0	0	5
23	0	1	0	0	8
24	0	1	0	0	7
25	0	1	0	0	2
26	0	1	1	0	1
27	0	1	5	0	1
28	0	0	4	0	1
29	0	0	8	0	1
30	0	0	0	0	8
31	0	-----	0	0	-----
Mean	0	0.5	0.5	0	7
Max.	0	2.0	8.0	0	14
Min.	0	0.0	0.0	0	1
A. F.	0	30.0	36.0	0	486

Area reported 2880 acres D-797 2880 acres
 Water used 532 A. F. A-243 80 acres
 Per acre 0.18 A. F.

OTTER CREEK CANAL

Diverted from Otter Creek

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	3
2	0	0	0	0	3
3	0	0	0	0	3
4	0	0	0	0	3
5	0	0	0	0	3
6	0	0	0	0	1
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	5	0	0	0	0
13	11	0	0	0	0
14	5	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	3	0
30	0	0	0	3	0
31	0	-----	0	3	-----
Mean	1	0	0	0.3	0.5
Max.	11	0	0	3.0	3.0
Min.	0	0	0	0.0	0.0
A. F.	12	0	0	18.0	32.0

Area reported 1428 acres D-1032 233 acres
 Water used 92 A. F. A- 1 821 acres
 Per acre 0.06 A. F. A-1198 326 acres
 A-1240 48 acres
 D-725 no report

1428 acres

OWASCO CANAL

Diverted from Lodgepole Creek

May	June	July	Aug.	Sept.
0	0	1	11	9
0	0	4	13	11
0	0	4	14	8
0	0	5	15	8
0	0	5	14	8
0	0	2	14	8
0	0	2	14	8
0	0	1	14	8
0	0	1	9	8
0	0	2	9	8
0	0	4	9	8
0	0	4	10	6
0	0	5	9	5
0	0	7	9	5
0	0	7	10	8
0	0	5	9	8
0	0	8	9	8
0	0	8	9	8
0	0	8	9	5
0	0	7	8	6
0	0	7	8	6
0	0	8	8	6
0	0	8	8	6
0	2	8	8	6
0	1	8	8	6
0	1	10	8	6
0	-----	11	8	-----
0	0.1	5	10	7
0	2.0	11	15	11
0	0.0	1	8	5
0	8.0	339	627	438

Area reported 775 acres
 Water used 1113 A. F.
 Per acre 1.82 A. F.

D-347-R 86 acres
 A-725 689 acres
 Total 775 acres

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

PAISLEY CANAL								
Diverted from Blue Creek and Crescent Lake—A-1575								
Date	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	0	8	0	0	5	0	0	7
2	0	8	0	0	4	0	8	7
3	0	8	0	0	4	0	5	7
4	0	8	0	7	2	0	8	7
5	0	8	0	7	1	13	0	6
6	0	8	0	7	1	11	0	6
7	0	8	0	5	2	15	9	7
8	0	8	0	5	2	17	9	7
9	0	8	0	6	0	22	0	7
10	0	8	0	7	0	23	0	7
11	0	8	16	6	0	23	0	7
12	8	8	18	8	0	22	0	7
13	8	8	18	2	0	23	0	7
14	8	8	18	1	0	23	0	15
15	8	8	18	0	0	23	0	14
16	6	8	15	0	0	23	2	14
17	6	8	15	0	0	0	0	14
18	6	8	15	0	0	0	0	14
19	6	8	15	0	0	0	2	14
20	6	8	15	0	0	0	2	13
21	8	0	13	0	0	0	2	13
22	8	0	13	1	0	0	2	13
23	8	0	13	1	0	22	0	13
24	8	0	13	4	0	22	0	13
25	8	0	13	4	0	10	0	5
26	0	0	10	4	0	2	0	0
27	8	0	10	4	0	22	0	0
28	8	0	10	4	0	12	0	0
29	8	0	10	3	9	12	0	0
30	8	0	10	2	0	13	0	14
31	8	.....	.....	2	.....	0	7	.....
Mean	5	5	9	3	0.6	12	1	8
Max.	8	8	18	8	5.0	23	8	14
Min.	0	0	0	0	0.0	0	0	0
A. F.	300	317	539	178	42.0	758	75	512
Area reported	1001 acres				A-515		98 acres	
Water used Blue Creek					2251 A.F.	D-800	903 acres	
Water used Crescent Lake					479 A.F.			
Total					2730	Total	1001 acres	
Per acre	2.73 A. F.							

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
 SHERIDAN-WILSON CANAL
 Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	25	0	0	0	5	0	10
2	25	0	0	0	5	0	0
3	25	0	0	0	5	0	8
4	25	0	0	0	5	0	10
5	18	0	0	0	17	0	10
6	20	0	0	0	13	10	10
7	22	0	0	0	11	10	10
8	24	0	6	0	9	10	10
9	24	0	7	0	8	10	10
10	24	0	7	0	0	10	8
11	17	0	7	0	8	10	10
12	17	0	3	0	7	10	10
13	17	0	2	0	7	10	11
14	17	0	0	0	3	10	12
15	17	0	0	0	2	0	11
16	12	0	0	0	0	0	10
17	12	0	0	0	3	0	7
18	12	0	0	0	4	0	7
19	12	0	0	0	8	13	6
20	12	0	0	0	10	11	7
21	0	0	0	0	10	10	7
22	0	0	0	0	10	11	3
23	0	0	0	0	15	11	6
24	0	0	0	0	23	11	3
25	0	0	0	0	5	19	0
26	0	0	0	0	5	11	8
27	0	0	0	0	3	6	8
28	0	0	0	0	3	4	7
29	0	0	0	0	4	2	7
30	0	0	0	0	5	2	6
31	0	0	0	0	2	7	7
Mean	12	0	1	1	8	6	7
Max.	25	0	7	5	23	13	12
Min.	0	0	0	0	0	0	0
A. F.	748	0	63	50	464	397	407

Area reported 676 acres

Water used 2129 A. F.

Per acre 3.15 A. F.

SHORT LINE CANAL
 Diverted from North Platte River

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	50	0	0
2	12	0	0	37	0	10
3	12	0	0	24	0	10
4	12	0	0	25	0	10
5	12	0	0	30	0	13
6	10	0	0	31	0	13
7	10	0	0	29	0	13
8	10	0	0	20	0	15
9	10	0	0	20	0	11
10	10	0	0	0	0	11
11	2	0	0	25	0	11
12	2	0	0	27	0	10
13	2	0	0	39	0	10
14	2	0	0	39	0	10
15	2	0	0	39	0	11
16	2	0	0	34	0	10
17	2	0	0	32	0	9
18	2	0	0	28	0	10
19	2	0	0	24	0	14
20	2	0	0	30	0	7
21	2	0	0	26	0	8
22	2	0	0	0	0	8
23	2	0	0	0	0	7
24	2	0	5	29	0	9
25	2	0	5	23	0	9
26	2	0	4	26	0	13
26	2	0	1	26	0	13
27	2	0	13	29	0	16
28	2	0	13	30	0	14
29	2	0	12	46	0	14
30	2	0	12	0	0	13
31	2	0	0	0	0	0
Mean	5	0	2	25	0	10
Max.	12	0	13	50	0	16
Min.	2	0	0	0	0	0
A. F.	301	0	127	1567	0	633

Area reported 2933 acres

Water used 2628 A. F.

Per acre 0.90 A. F.

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	SIGNAL BLUFF CANAL						SIX MILE CANAL					
	Diverted from North Platte River						Diverted from Platte River					
	Apr.	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	0	6	6	0	0	0	0	0	0	0	0	0
2	0	5	6	0	0	6	0	0	0	0	0	0
3	0	5	7	0	0	5	0	7	0	0	0	0
4	0	4	10	2	0	15	0	2	0	0	0	0
5	0	4	7	1	0	15	0	0	0	0	0	0
6	0	4	6	3	0	14	0	0	0	0	0	0
7	0	4	5	7	0	16	0	0	0	0	0	0
8	0	4	4	10	0	17	0	0	0	0	0	0
9	0	3	4	8	0	21	0	0	0	0	0	0
10	0	3	3	8	0	10	0	0	0	0	0	0
11	0	4	2	9	0	13	20	0	0	0	0	0
12	0	3	0	7	0	22	20	0	0	0	0	0
13	0	4	0	7	0	22	20	0	0	0	0	0
14	0	4	0	6	0	22	20	3	0	0	0	0
15	0	4	0	6	0	21	20	3	6	0	0	0
16	0	3	0	9	0	3	10	3	0	0	0	0
17	0	3	0	6	0	4	10	3	0	0	0	0
18	0	3	0	6	0	2	10	0	0	0	0	0
19	0	5	0	0	0	22	10	0	0	0	0	0
20	0	6	0	7	0	22	10	0	0	0	0	0
21	8	8	0	4	0	0	10	19	0	0	0	0
22	8	8	0	12	0	0	10	19	0	0	0	0
23	8	8	0	8	0	0	10	0	0	0	0	0
24	8	7	0	4	0	0	10	0	0	0	0	0
25	8	6	0	2	0	0	10	0	0	0	0	0
26	6	6	0	12	0	0	0	0	0	0	0	0
27	6	5	0	11	0	0	0	0	0	0	0	0
28	6	5	0	10	0	0	0	0	0	0	0	0
29	6	5	0	10	0	16	0	0	0	0	0	0
30	6	7	0	0	0	17	0	0	0	0	0	0
31	-----	6	-----	0	0	-----	-----	0	-----	0	0	-----
Mean	2	5	2	6	0	11	7	2	0	0	0	0
Max.	8	8	10	12	0	22	20	19	0	0	0	0
Min.	0	3	0	0	0	0	0	0	0	0	0	0
A. F.	139	301	119	347	0	645	397	135	0	0	0	0
Area reported	1438 acres						1830 acres					
Water used	1551 A. F.						532 A. F.					
Per acre	1.08 A. F.						0.29 A. F.					

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	SOEHL CANAL Diverted from Lonergan Creek					SPOHN CANAL Diverted from North Platte River					
	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	7	6
2	0	0	0	0	0	0	0	0	0	7	12
3	0	0	0	0	0	0	0	2	0	8	10
4	0	0	0	0	0	0	0	2	0	10	9
5	0	0	0	0	0	0	0	8	0	9	9
6	0	0	0	0	0	0	0	2	0	8	10
7	0	0	0	0	0	0	1	2	0	8	9
8	0	0	2	0	0	0	2	2	0	8	9
9	0	0	2	0	0	0	1	2	0	8	10
10	0	0	2	0	0	0	1	2	0	8	10
11	0	0	2	0	0	22	1	2	0	8	11
12	0	0	2	0	0	22	0	2	0	6	10
13	0	0	2	0	0	20	1	0	0	6	9
14	0	0	2	0	0	20	0	0	0	7	8
15	0	0	2	0	0	18	0	0	0	7	7
16	0	0	0	0	0	8	0	0	0	6	7
17	0	0	0	0	0	8	0	0	0	6	7
18	0	0	0	0	0	8	0	0	0	7	7
19	0	0	1	0	0	8	0	0	0	6	7
20	0	0	1	0	0	8	0	0	0	6	9
21	0	0	1	0	0	0	0	0	0	5	1
22	0	0	1	0	0	0	0	0	0	6	0
23	0	0	1	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	3	0	0
27	0	0	0	0	0	0	0	0	6	0	1
28	0	0	0	0	0	0	0	0	6	0	0
29	0	0	0	0	0	0	0	0	6	0	0
30	0	0	0	0	0	0	0	0	6	0	1
31	0	0	0	0	0	0	0	0	7	0	0
Mean	0	0	1	0	0	5	0	0.6	1	5	6
Max.	0	0	2	0	0	22	2	3.0	7	10	12
Min.	0	0	0	0	0	0	0	0.0	0	0	0
A. F.	0	0	42	0	0	282	14	52.0	67	311	301
Area reported	120 acres					Area reported					835 acres
Water used	42 A. F.					Water used					1087 A. F.
Per acre	0.35 A. F.					Per acre					1.30 A. F.
	D-697a										
	D-697b										
	Total										
	120 acres										

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued
SUBURBAN CANAL

Date	Diverted from North Platte River						Sept.
	Oct.	Apr.	May	June	July	Aug.	
1	33	0	11	8	4	44	21
2	33	0	12	8	4	44	21
3	33	0	21	0	12	42	18
4	33	0	17	2	18	32	14
5	15	0	28	8	36	21	13
6	15	10	28	8	30	21	12
7	18	20	0	3	33	41	8
8	22	30	19	4	15	41	13
9	22	40	22	4	8	49	24
10	22	62	29	4	15	51	30
11	18	50	35	4	12	42	36
12	25	40	14	4	10	40	36
13	25	27	18	4	4	50	33
14	25	27	31	4	4	51	36
15	25	27	31	4	8	47	30
16	15	20	38	4	9	40	21
17	15	20	30	4	8	51	21
18	15	20	33	4	6	61	12
19	15	20	36	4	8	66	15
20	15	20	24	4	6	15	24
21	0	12	17	4	6	30	24
22	0	12	13	4	21	62	36
23	0	12	10	4	35	36	30
24	0	12	15	4	25	36	31
25	0	12	10	4	36	36	32
26	0	10	8	3	21	15	41
27	0	10	8	4	6	18	33
28	0	10	4	4	3	21	40
29	0	10	2	4	12	15	51
30	0	10	2	6	18	12	50
31	0	-----	2	-----	33	18	-----
Mean	14	18	19	4	15	38	27
Max.	25	62	38	8	36	66	44
Min.	0	0	0	0	3	12	8
A. F.	871	1077	1139	258	930	2271	1628

Area reported 7526 acres
Water used 8174 A. F.
Per acre 1.09 A. F.

THIRTY MILE CANAL
Diverted from Platte River

Date	Oct.	Nov.	Dec.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	332	131	0	0	0	0
2	0	0	0	0	332	128	0	0	0	0
3	0	0	0	0	327	129	0	0	0	0
4	0	0	0	0	325	122	0	0	0	0
5	0	0	0	0	322	122	0	0	0	0
6	0	0	0	0	320	115	0	0	0	0
7	0	0	0	0	316	125	0	0	0	0
8	0	0	0	0	316	126	0	0	0	0
9	0	0	0	0	312	123	0	0	0	0
10	0	0	0	0	306	116	0	0	0	0
11	0	0	0	0	302	126	0	0	0	0
12	0	0	0	0	302	130	0	45	0	0
13	0	0	0	0	303	130	0	45	0	0
14	0	0	0	109	260	132	0	30	0	0
15	0	0	0	101	262	130	0	21	0	0
16	0	58	0	24	262	126	0	15	0	0
17	0	190	0	24	264	121	0	7	0	0
18	24	226	0	24	261	110	0	0	0	0
19	42	235	0	24	269	106	0	0	0	0
20	49	281	0	24	264	80	0	0	0	0
21	124	301	0	24	244	45	0	0	0	0
22	125	231	0	105	235	45	0	0	0	0
23	129	137	0	160	252	45	0	0	0	0
24	142	165	0	199	195	52	0	0	0	0
25	101	222	0	250	124	48	0	0	0	0
26	0	190	0	262	144	37	0	0	0	0
27	0	140	0	278	146	31	0	0	0	0
28	0	100	0	330	132	34	0	0	0	0
29	0	50	0	336	134	35	0	0	0	0
30	0	0	0	340	137	28	0	0	0	0
31	0	-----	0	317	-----	0	-----	0	0	-----
Mean	24	81	0	95	257	90	0	5	0	0
Max.	112	235	0	340	332	134	0	45	0	0
Min.	0	0	0	0	124	0	0	0	0	0
A. F.	1400	5010	0	5811	15279	5526	0	323	0	0

Area reported 23129 acres
Water used 33412 A. F.
Per acre 1.42 A. F.

A-1853 19254 acres
A-1976 3555 acres
A-2077 320 acres

Total 23129 acres

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

TRI-STATE CANAL
Diverted from North Platte River and
Pathfinder Reservoir

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	185	145	40	0	1069	1138	413
2	185	145	10	0	1122	1102	450
3	185	145	10	153	1150	1120	486
4	185	145	10	231	1190	1130	650
5	185	145	10	375	1211	1147	752
6	190	145	88	430	1227	1157	595
7	220	145	88	203	1212	1147	602
8	250	145	88	532	1250	1157	679
9	290	145	66	578	1283	1175	737
10	290	145	66	650	1275	1180	811
11	290	150	69	679	1269	1150	876
12	250	150	111	605	1261	891	800
13	240	150	125	719	1248	564	780
14	242	150	160	728	1237	704	807
15	240	150	182	702	1209	628	821
16	240	130	0	591	1211	582	795
17	240	130	0	456	1209	619	749
18	240	100	128	411	1203	621	730
19	240	58	137	470	1198	712	730
20	240	58	121	402	1188	814	712
21	220	58	114	411	1180	905	637
22	220	58	0	370	1175	922	600
23	220	58	0	312	1193	819	606
24	220	58	0	329	1183	717	586
25	220	58	0	384	1153	571	553
26	150	0	0	592	1140	410	536
27	156	0	80	613	1158	365	552
28	150	0	0	764	1167	310	540
29	150	0	137	936	1157	0	522
30	150	0	394	1028	1150	375	502
31	150	0	0	0	1157	435	0
Mean	214	98	72	480	1194	825	655
Max.	290	150	394	1028	1283	1100	876
Min.	150	0	0	0	1060	0	443
A. F.	*13145	*5983	4131	28519	73501	48735	38988

*Estimated
Total 213232

TRI-STATE LATERAL NO. 1
Diverted from North Platte River and
Pathfinder Reservoir

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	6	5	4
2	0	0	0	6	5	5
3	0	0	0	6	4	4
4	0	0	0	7	4	4
5	0	0	0	7	4	5
6	0	0	0	7	4	5
7	0	0	0	7	4	5
8	0	0	0	7	4	4
9	0	0	0	8	4	6
10	0	0	0	8	4	5
11	0	0	0	7	3	5
12	0	0	2	8	2	3
13	0	0	1	8	0	3
14	0	0	3	6	1	4
15	0	0	3	7	2	4
16	0	0	2	6	1	4
17	0	0	3	6	4	3
18	0	0	2	6	3	4
19	0	0	2	6	4	4
20	0	0	1	6	4	4
21	0	0	1	6	4	2
22	0	0	0	6	5	3
23	0	0	0	6	2	4
24	0	0	0	6	2	3
25	0	0	0	6	2	3
26	0	0	4	5	0	2
27	0	0	6	6	0	4
28	0	0	1	5	4	3
29	0	0	6	5	0	3
30	0	0	6	5	5	1
31	0	0	0	6	5	0
Mean	0	0	2	6	3	4
Max.	0	0	6	8	5	5
Min.	0	0	0	5	0	1
A. F.	0	0	91	391	194	224
Total 900 A. F.						

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

TRI-STATE LATERAL NO. 2 Diverted from North Platte River and Pathfinder Reservoir							TRI-STATE LATERAL NO. 3 Diverted from North Platte River and Pathfinder Reservoir						
Date	Apr.	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.	
1	0	0	0	9	4	6	0	0	0	1	0	2	
2	0	0	0	9	5	6	0	0	0	2	1	2	
3	0	0	0	9	5	5	0	0	0	1	0	1	
4	0	0	0	7	4	9	0	0	0	2	0	1	
5	0	0	0	7	5	8	0	0	0	2	2	2	
6	0	0	0	7	5	8	0	0	0	2	2	2	
7	0	0	0	8	5	8	0	0	0	2	2	2	
8	0	0	0	7	5	7	0	0	0	2	2	1	
9	0	0	0	9	8	7	0	0	0	2	2	1	
10	0	0	0	10	8	6	0	0	0	1	2	2	
11	0	0	0	10	8	6	0	0	0	1	2	2	
12	0	0	5	10	6	5	0	0	0	1	1	2	
13	0	0	6	10	4	5	0	0	1	1	0	2	
14	0	0	4	6	10	6	0	0	1	0	0	2	
15	0	0	4	7	6	6	0	0	0	0	1	2	
16	0	0	3	7	4	5	0	0	0	0	1	2	
17	0	0	3	8	5	5	0	0	0	0	2	1	
18	0	0	4	8	5	5	0	0	0	0	1	2	
19	0	0	4	5	6	5	0	0	0	1	2	2	
20	0	0	3	5	6	5	0	0	0	0	1	2	
21	0	0	3	5	6	5	0	0	0	0	2	0	
22	0	0	2	5	6	5	0	0	0	0	2	0	
23	0	0	2	5	5	5	0	0	0	2	2	0	
24	0	0	1	5	5	5	0	0	0	2	1	1	
25	0	0	5	5	5	5	0	0	0	2	0	1	
26	0	0	8	8	5	5	0	0	0	2	0	0	
27	0	0	10	8	6	6	0	0	1	2	0	0	
28	0	0	8	8	5	5	0	0	1	2	1	0	
29	0	0	9	8	0	5	0	0	2	2	0	0	
30	0	0	9	4	8	2	0	0	2	2	1	0	
31	0	0	4	6	6	6	0	0	2	2	2	0	
Mean	0	0	3	7	6	6	0	0	0.3	1	1	1	
Max.	0	0	10	10	10	9	0	0	2.0	2	2	2	
Min.	0	0	0	4	0	2	0	0	0.0	0	0	0	
A. F.	0	0	184	442	339	339	0	0	16.0	77	69	73	
Total	1301 A. F.						235 A. F.						

TRI-STATE CANAL
Diverted from Akers Draw

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	10	10	9	9	9	10	11	12
2	10	10	9	9	9	10	11	12
3	10	10	9	9	9	10	11	12
4	10	10	9	9	9	10	11	12
5	10	10	9	9	9	10	11	12
6	10	10	9	9	9	10	11	12
7	10	10	9	9	9	10	11	12
8	10	10	9	9	9	10	11	12
9	10	10	9	9	9	10	11	12
10	10	10	9	9	9	10	11	12
11	10	10	9	9	9	10	11	12
12	10	10	9	9	9	10	11	12
13	10	10	9	9	9	10	11	12
14	10	10	9	9	9	10	11	12
15	10	10	9	9	9	10	11	12
16	10	10	9	9	9	10	12	12
17	10	10	9	9	9	10	12	12
18	10	10	9	9	9	10	12	12
19	10	10	9	9	9	10	12	12
20	10	10	9	9	9	10	12	12
21	10	10	9	9	9	10	12	12
22	10	10	9	9	9	10	12	12
23	10	10	9	9	9	10	12	12
24	10	10	9	9	9	10	12	12
25	10	10	9	9	9	10	12	12
26	10	10	9	9	9	10	12	12
27	10	10	9	9	9	10	12	12
28	10	10	9	9	9	10	12	12
29	10	10	9	9	9	10	12	12
30	10	10	9	9	9	10	12	12
31	10	10	9	9	9	10	12	12
Mean	10	10	9	9	9	10	12	12
Max.	10	10	9	9	9	10	12	12
Min.	10	10	9	9	9	10	11	12
A. F.	615	595	536	553	536	615	708	714
Total	4872 A. F.							

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

TRI-STATE CANAL								
Diverted from Sheep Creek								
Date	Oct.	Nov.	Apr.	May.	June	July	Aug.	Sept.
1	59	58	0	0	0	0	48	71
2	59	58	0	0	0	0	49	68
3	59	58	0	0	0	0	49	67
4	59	58	0	0	0	0	47	68
5	59	58	0	40	0	0	47	69
6	59	58	0	39	0	0	47	68
7	59	58	0	43	0	0	47	70
8	59	58	0	41	0	0	50	78
9	59	58	0	41	0	0	53	77
10	59	58	0	49	0	0	50	79
11	59	58	0	45	0	0	50	77
12	59	58	0	67	0	0	50	75
13	59	58	0	59	0	0	52	71
14	59	58	0	55	0	0	53	70
15	59	58	0	30	0	0	53	70
16	59	58	0	0	0	0	52	70
17	59	58	0	0	0	35	55	68
18	59	58	0	0	0	36	58	70
19	59	58	0	0	0	38	59	70
20	59	58	0	0	0	40	59	71
21	59	59	0	0	0	41	59	68
22	59	59	0	0	0	45	60	69
23	59	59	0	0	0	42	61	69
24	59	59	0	0	46	46	62	71
25	59	59	0	0	43	46	58	69
26	59	59	0	0	46	46	60	69
27	59	59	0	0	43	46	61	73
28	59	59	0	0	43	46	62	73
29	59	59	0	0	42	45	0	74
30	59	59	0	0	42	46	59	73
31	59	-----	-----	0	-----	49	66	-----
Mean	59	58	0	17	10	21	53	71
Max.	59	59	0	67	46	49	66	79
Min.	59	58	0	0	0	0	0	67
A. F.	3628	3471	0	1016	605	1283	3245	4235
Total 17483	A. F.							

TRI-STATE CANAL							
Diverted from Dry Spotted Tail Creek							
Date	Apr.	May	June	July	Aug.	Sept.	
1	0	1	0	0	0	0	28
2	0	1	0	0	0	0	24
3	0	1	0	0	0	0	26
4	0	0	0	0	0	0	29
5	0	1	0	0	0	0	37
6	0	0	0	0	0	0	28
7	0	0	0	0	0	0	21
8	0	0	0	0	0	0	39
9	0	0	0	0	0	0	26
10	0	0	0	0	0	0	27
11	0	0	0	0	0	66	26
12	0	0	0	0	0	74	19
13	0	0	0	0	0	85	21
14	0	0	0	0	0	85	20
15	6	0	0	0	0	17	20
16	0	0	0	0	0	23	17
17	0	0	0	0	0	19	17
18	0	0	0	0	0	22	17
19	0	0	0	0	0	17	17
20	0	0	0	0	0	21	16
21	0	0	0	0	0	18	16
22	3	0	0	0	0	26	18
23	1	0	0	0	0	25	16
24	3	0	0	0	0	23	16
25	3	0	0	0	0	21	16
26	1	0	0	0	0	21	15
27	3	0	0	0	0	23	15
28	2	0	0	0	0	21	14
29	2	0	0	0	0	25	13
30	1	0	0	0	0	21	12
31	-----	0	-----	0	-----	16	-----
Mean	1	0.1	0	0	0	22	21
Max.	4	1.0	0	0	0	85	39
Min.	0	0.0	0	0	0	0	12
A. F.	44	8.0	0	0	0	1333	1244
Total 2629	A. F.						

DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	TRI-STATE CANAL							
	Diverted from Wet Spotted Tail Creek							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	10	9	0	7	5	4	10	16
2	10	9	0	7	5	6	10	15
3	10	9	0	7	5	5	5	17
4	10	9	0	7	5	3	6	18
5	10	9	0	7	5	1	7	17
6	10	9	0	7	8	2	7	16
7	10	9	0	7	6	1	8	17
8	10	9	0	7	5	2	8	21
9	16	9	0	7	5	2	9	17
10	10	9	0	7	5	2	9	17
11	10	9	0	6	13	2	5	17
12	10	9	0	10	6	2	9	17
13	10	9	0	7	6	4	10	15
14	10	9	0	7	6	3	10	17
15	10	9	0	7	6	2	10	17
16	10	9	0	7	5	4	10	15
17	10	9	0	7	8	4	11	15
18	10	9	0	9	7	5	11	15
19	10	9	0	8	6	5	11	17
20	10	9	0	7	6	5	11	17
21	10	9	0	6	6	5	12	16
22	10	9	12	5	6	6	14	16
23	10	9	15	5	6	6	13	16
24	10	9	15	4	6	7	13	16
25	10	9	17	4	7	9	13	16
26	11	9	14	4	6	6	13	16
27	11	9	10	4	5	6	15	13
28	11	9	8	5	5	9	14	16
29	11	9	7	9	6	6	14	16
30	11	9	7	5	5	6	12	16
31	11	-----	-----	5	-----	6	15	-----
Mean	10	9	4	6	6	4	11	16
Max.	11	9	17	10	13	9	15	21
Min.	10	9	0	4	5	1	5	13
A. F.	627	536	208	399	359	272	617	972
Total	4020	A. F.						



Needle Diversion Dam Tri-State Canal

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DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	TRI-STATE CANAL					TRI-STATE CANAL				
	Diverted from May	Tub June	Springs July	Aug.	Sept.	Diverted from May	Alliance June	Drain July	Aug.	Sept.
1	0	0	0	0	33	0	0	0	0	11
2	0	0	0	0	33	0	0	0	0	10
3	0	0	0	0	34	0	0	0	0	10
4	0	0	0	0	34	0	0	0	0	10
5	0	0	0	0	34	0	0	0	0	10
6	0	0	0	0	33	0	0	0	0	9
7	0	0	0	0	34	0	0	0	0	9
8	0	0	0	0	36	0	0	0	0	9
9	0	0	0	0	35	0	0	0	0	9
10	0	0	0	0	38	0	0	0	12	9
11	0	0	23	23	33	0	0	0	13	12
12	0	0	23	32	32	0	0	0	14	11
13	0	0	25	32	32	0	0	0	12	10
14	0	0	24	31	31	0	0	0	13	10
15	0	0	24	30	30	0	0	11	12	10
16	0	0	24	30	30	0	0	11	13	10
17	0	0	26	29	29	0	0	12	13	10
18	0	0	25	29	29	0	0	0	12	8
19	0	0	25	29	29	0	0	0	11	8
20	0	0	25	28	28	0	0	0	12	8
21	0	0	25	28	28	0	0	0	10	8
22	0	0	30	27	27	0	0	0	9	9
23	0	0	27	27	27	0	0	0	10	9
24	0	0	28	27	27	0	0	0	10	8
25	0	0	28	27	27	0	0	0	10	9
26	0	0	29	26	26	0	0	0	10	8
27	0	0	29	25	25	0	0	0	10	8
28	0	0	29	25	25	0	0	0	11	7
29	0	0	29	26	26	0	0	0	10	6
30	0	0	29	25	25	0	0	0	10	8
31	0	0	30	-----	-----	0	-----	0	10	-----
Mean	0	0	18	50	50	0	0	1	8	9
Max.	0	0	30	38	38	0	0	12	14	12
Min.	0	0	0	25	25	0	0	0	0	8
A. F.	0	0	1165	1805	1805	0	0	67	490	541
Total 2910 A. F.										
Total 1098 A. F.										

*No record.

From	TRI-STATE CANAL SUMMARY IN ACRE-FEET									
	Water Disposal by Farmers Irrigation District									
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total	
North Platte River	13145	5883	0	4431	28840	74111	49337	39624	215671	
Sheep Creek	3628	3471	0	1016	605	1283	3245	4235	17483	
Akers Draw	615	595	536	553	536	615	708	714	4872	
Tub Springs	0	0	0	0	0	0	1105	1805	2910	
Spotted Tail, Dry	0	0	44	8	0	0	1333	1244	2629	
Spotted Tail, Wet	627	536	208	390	359	272	617	972	4020	
Moffat Drain	0	0	0	0	0	0	0	0	0	
Alliance Drain	0	0	0	0	0	67	490	541	1098	
Total diversion	18015	10485	788	6107	30340	76648	56865	49135	248683	
Total waste	0	0	0	0	4136	0	0	0	4136	
Net diverted	18015	10485	788	6107	26204	76648	56865	49135	244547	
Diverted for Northport Dist.	0	0	0	0	272	18343	13176	6276	38367	
Diverted for Farmers Irr. Dist.	18015	10485	788	6107	25932	58305	43389	42859	206180	

Diversion from North Platte River

Tri-State Canal at Rating Station	*13145	*5883	0	4431	28340	73501	48735	38988	213232
Lateral No. 1	0	0	0	0	91	391	194	224	900
Lateral No. 2	0	0	0	0	184	412	339	339	1304
Lateral No. 3	0	0	0	0	16	77	69	73	235
Total Acre-feet	13145	5883	0	4431	28840	74111	49337	39624	215671

*Estimated

	Acreage Reported	Net Acre-feet Used	Per acre
A-660	3644	5630	1.55
D-918	63355	200550	3.17
A-768	16131	38367	2.38
Total	83130	244547	2.94

DISCHARGE IN SECOND-FEET OF CANALS, 1935--Continued

UNION CANAL								
Diverted from Blue Creek and Crescent Lake--A-1575								
Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	4	4	9	0	0	0	0	13
2	4	4	9	0	0	0	0	13
3	4	4	9	0	0	3	0	18
4	4	4	9	0	0	8	0	15
5	3	4	9	0	0	8	0	15
6	4	4	9	0	0	6	20	15
7	4	4	9	0	0	5	15	15
8	4	4	9	0	0	3	0	18
9	4	4	9	0	0	3	0	15
10	4	4	9	0	0	8	19	15
11	5	5	9	0	0	8	18	15
12	4	5	9	0	0	6	18	15
13	5	5	9	0	0	11	2	15
14	4	5	9	0	0	13	0	12
15	4	5	9	0	0	15	0	12
16	4	5	10	0	0	17	0	16
17	4	5	10	0	0	29	0	20
18	4	5	10	0	0	18	7	20
19	4	5	10	0	0	18	15	18
20	4	5	10	0	0	20	10	22
21	4	5	10	0	0	16	0	18
22	4	3	10	0	0	17	0	19
23	4	0	10	0	0	11	0	19
24	4	0	6	0	0	13	0	10
25	4	0	5	0	0	10	0	9
26	4	0	0	0	0	9	15	9
27	4	0	0	0	0	11	20	10
28	4	0	0	0	0	11	10	8
29	4	0	0	0	0	5	14	8
30	4	0	0	0	0	16	18	8
31	4	.....	.....	0	.....	20	18	.....
Mean	4	3	7	0	0	11	7	14
Max.	5	5	10	0	0	29	20	20
Min.	3	0	0	0	0	0	0	8
A. F.	*248	*194	448	0	0	670	434	363

Area reported 1238 acres.

Water used Blue Creek

Water used Crescent Lake

2857 A.F.

0 A.F.

2857 A.F.

Total

Per acre 2.22 A. F.

*Estimated.

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DISCHARGE IN SECOND-FEET OF CANALS, 1935—Continued

Date	WESTERN CANAL							
	Diverted from South Platte River							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	50	50	45	136	0	60	34	43
2	50	50	43	129	0	60	34	43
3	50	50	48	133	0	60	34	41
4	50	50	43	130	0	60	32	39
5	50	50	41	136	0	60	32	39
6	50	50	45	129	0	60	28	39
7	50	50	53	114	0	78	28	48
8	56	50	53	107	0	75	26	55
9	50	50	50	107	0	87	34	57
10	50	50	55	104	0	98	34	50
11	50	48	62	95	0	89	34	50
12	66	48	57	95	0	84	35	79
13	69	48	50	62	0	84	34	92
14	69	48	48	0	0	75	28	98
15	72	48	45	0	0	67	28	98
16	69	48	45	0	0	62	28	98
17	72	48	45	0	0	53	26	70
18	72	48	43	0	0	50	28	60
19	75	48	43	0	0	50	28	57
20	75	48	45	0	0	48	26	55
21	70	25	50	0	0	45	150	50
22	60	10	50	0	0	48	45	50
23	52	0	48	0	0	43	55	48
24	52	0	70	0	0	41	55	45
25	52	0	107	0	0	39	43	45
26	52	0	136	0	0	39	37	48
27	52	0	152	0	30	39	35	57
28	52	0	152	0	50	37	34	57
29	52	0	146	0	90	35	34	55
30	52	0	139	0	70	35	34	70
31	52	.....	.....	0	.....	34	39	.....
Mean	58	33	66	48	8	58	38	58
Max.	75	50	152	139	90	98	150	98
Min.	50	0	41	0	0	34	26	39
A. F.	3544	2013	3985	2947	476	3560	2325	3425
Area reported 12573 acres.								
Water used 22275 A. F.								
Per acre 1.77 A. F.								

WHITNEY RESERVOIR—WHITNEY IRRIGATION DISTRICT

Date	Diverted from White River, Storage in acre-feet											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6070	3520
2	5920	3460
3	5920	3460
4	5920	3440
5	8745	.....	5695	3460
6	5629	3460
7	5545	3400
8	5470	3400
9	8580	5320	.....
10	5320	3340
11	5030	.....
12	4750	.....	.....	.....	.....	.....	4960	3280
13	7895	3250
14	9350	.....	7810	4750
15	3500	.....	6200	.....	.....	.....	.....	4610	3180
16	7640	4540
17	7475	.....	.....	.....	1170	3060
18	7310	4405
19	7230	4340
20	4405	2880
21	7070	4275
22	6910	4145
23	9410	.....	6750	4080
24	6750	4080
25	6670	3950
26	6595	3820
27	6520	3820
28	9350	6370	3760
29	9350	.....	3640
30	3580
31	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	6145	3340

DISCHARGE OF CANALS IN SECOND-FEET, 1935—Concluded

Date	WINTERS CREEK CANAL Diverted from North Platte River							WINTERS CREEK CANAL Diverted from Winters Creek				
	Oct.	Nov.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	0	0	1	42	0	14	0	0	73	72	61
2	0	0	0	1	39	40	17	0	0	55	77	26
3	0	0	0	2	31	2	0	0	0	79	83	6
4	0	0	0	2	27	0	14	0	0	81	96	8
5	0	0	0	9	20	0	34	0	21	72	80	5
6	0	0	0	38	15	0	34	0	38	41	54	9
7	0	0	0	20	13	19	31	0	22	54	18	10
8	0	0	0	16	13	36	13	0	18	41	3	37
9	0	0	0	30	13	36	2	0	35	50	4	64
10	0	0	0	17	12	35	0	0	20	18	7	74
11	0	0	9	15	2	38	0	5	17	65	3	72
12	0	0	13	27	0	9	0	25	29	55	38	65
13	0	0	0	38	0	0	0	21	22	43	70	71
14	0	0	0	15	0	2	0	29	17	60	65	74
15	0	0	0	16	23	2	6	13	19	77	62	57
16	0	27	0	15	25	3	31	8	17	67	67	0
17	0	27	0	5	24	5	31	0	5	67	72	0
18	0	27	0	0	23	7	30	0	0	80	84	0
19	0	27	1	0	32	9	30	0	0	90	77	0
20	0	27	1	0	16	37	6	0	0	83	25	35
21	0	27	0	3	31	51	0	0	14	85	11	76
22	0	27	0	9	40	54	0	0	35	74	18	82
23	0	27	7	17	53	51	0	0	36	70	22	85
24	0	27	7	21	42	22	0	0	42	77	63	77
25	0	27	3	20	34	15	0	0	44	84	85	
26	0	0	4	15	33	7	0	0	47	85	80	78
27	0	0	5	20	35	4	17	0	63	38	75	18
28	0	0	8	36	34	3	39	0	70	8	84	36
29	0	0	1	33	33	2	43	0	67	1	69	29
30	0	0	4	37	36	1	47	0	70	4	78	19
31	0	-----	3	-----	41	0	-----	0	-----	65	72	-----
Mean	0	9	2	16	25	16	14	3	26	59	55	42
Max.	0	27	13	38	53	54	47	29	70	90	96	85
Min.	0	0	0	0	0	0	9	0	0	1	3	0
A. F.	0	536	131	948	1551	972	877	200	1523	3654	3400	2491

Area reported 1286 acres
 Water used 5015 A. F.
 Per acre 3.90 A. F.

Area reported 3263 acres
 Water used 11268 A. F.
 Per acre 3.44 A. F.
 This is the total from
 Winters Creek

DISCHARGE OF CANALS IN SECOND FEET, 1936

Date	ALFALFA CANAL						ALLIANCE CANAL					
	Diverted from North Platte River						Diverted from Bayard Sugar Factory Drain					
	Apr.	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	0	61	0	0	0	0	0	0	30	0	0	0
2	0	36	0	0	0	0	0	0	32	0	0	0
3	0	36	0	0	0	0	0	0	32	0	0	0
4	0	28	0	0	33	0	0	0	32	10	0	0
5	0	64	0	0	39	0	0	0	32	11	1	0
6	0	50	49	0	39	0	0	0	23	6	14	2
7	0	55	49	0	42	0	0	0	26	0	15	4
8	0	80	26	0	33	0	0	0	32	0	15	5
9	0	95	28	0	33	0	0	0	0	0	15	7
10	0	115	26	0	16	0	0	0	0	0	18	7
11	0	82	26	0	0	0	0	0	0	0	15	8
12	0	48	20	6	0	0	0	0	0	0	17	8
13	0	36	16	0	0	0	0	0	0	0	0	0
14	0	28	14	0	0	0	0	18	0	0	0	0
15	0	26	15	0	0	0	0	23	0	0	0	0
16	0	31	13	0	0	0	0	23	0	0	0	6
17	0	42	22	0	0	0	0	28	0	0	0	7
18	0	49	24	0	0	0	0	29	0	0	0	7
19	0	44	40	0	0	0	0	24	0	0	0	7
20	0	42	45	0	0	0	0	23	20	0	0	8
21	0	49	40	0	33	0	0	26	31	0	0	10
22	0	49	51	0	36	0	0	22	31	0	0	4
23	0	49	37	0	30	0	0	23	29	0	0	2
24	0	49	39	0	23	0	0	23	26	0	0	1
25	61	49	28	0	24	0	0	23	26	0	0	2
26	69	23	20	0	20	0	0	38	26	0	0	2
27	74	20	21	0	18	0	0	37	26	0	0	2
28	71	28	0	0	16	0	0	30	26	0	0	3
29	66	70	0	0	0	0	0	29	26	0	0	3
30	64	28	0	0	0	0	0	29	0	0	0	2
31	-----	20	-----	0	0	-----	-----	30	-----	0	0	-----
Mean	13	48	2	0	14	0	0	16	16	3	4	3
Max.	74	115	54	0	42	0	0	38	32	11	17	8
Min.	0	20	0	0	0	0	0	0	0	0	0	0
A. F.	803	2639	1293	0	863	0	0	948	1008	53	218	212
Area reported 3059 acres						Area reported 2088 acres						
Water used 5898 A. F.						Water used 2439 A. F.						
Per acre 1.92 A. F.						Per acre 1.16 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	ALLIANCE CANAL Diverted from Red Willow Creek						ATKINS-POLLY CANAL Diverted from Lodgepole Creek				
	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	0	0	34	0	0	23	*	0	1	1	1
2	0	0	37	0	0	35	.....	0	1	1	1
3	0	0	28	25	0	41	.....	0	1	2	1
4	0	0	24	18	0	41	.....	0	1	2	1
5	0	17	0	18	38	47	.....	0	1	2	2
6	0	19	0	17	51	34	.....	0	1	2	2
7	0	18	32	0	37	34	.....	0	2	2	1
8	0	18	41	0	41	50	.....	0	2	2	1
9	0	18	0	0	42	44	.....	0	2	2	1
10	0	17	0	0	41	38	.....	0	2	2	1
11	0	24	0	0	45	49	.....	0	2	2	1
12	0	40	0	0	43	43	.....	0	0	2	1
13	0	18	0	0	0	0	.....	0	0	2	1
14	0	24	18	0	0	0	.....	0	1	2	1
15	0	23	14	0	0	0	.....	0	1	2	1
16	0	21	28	0	0	32	.....	0	1	1	1
17	0	21	27	0	0	32	.....	0	1	1	1
18	0	21	29	0	0	33	.....	0	1	1	1
19	0	20	32	0	0	30	.....	0	1	1	1
20	0	20	29	0	0	29	.....	0	1	1	1
21	0	18	38	0	0	27	.....	2	1	2	2
22	0	18	32	0	0	35	.....	2	1	2	1
23	0	29	29	0	0	35	.....	2	1	2	1
24	0	17	27	0	33	43	.....	2	1	1	1
25	0	27	31	0	40	28	.....	2	1	1	1
26	0	23	26	0	37	0	.....	2	1	1	1
27	0	21	26	0	43	0	.....	2	1	1	1
28	0	27	26	0	49	23	.....	2	1	1	1
29	0	32	30	0	49	30	.....	2	1	1	1
30	0	38	0	0	47	21	.....	2	1	1	1
31	.....	39	.....	0	47	.....	*	.....	1	1	.....
Mean	0	20	21	3	22	29	.....	0.6	1	1	1
Max.	0	40	37	25	49	50	.....	2.0	2	2	2
Min.	0	0	0	0	0	0	.....	0.0	0	1	1
A. F.	0	1245	1265	155	1355	1745	.....	* 40.0	67	92	65

Area reported 4022 acres
Water used 5765 A. F.
Per acre 1.43 A. F.

Area reported 85 acres
Water used 265 A. F.
Per acre 3.12 A. F.
*No record.
D-312 55 acres
D-314 30 acres
Total 85 acres

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND- FEET, 1936—Continued

BARBER CANAL
Diverted from Clear Creek

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	10	0	6	0
2	0	0	10	0	5	0
3	0	0	9	0	6	0
4	0	0	8	0	6	0
5	0	0	9	5	5	6
6	0	0	7	0	6	6
7	0	0	7	0	6	6
8	0	0	7	0	6	6
9	0	0	5	0	6	6
10	0	0	0	0	5	6
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	5
15	0	0	8	0	0	5
16	0	0	7	0	0	7
17	0	0	6	6	0	7
18	0	0	7	5	0	7
19	0	0	7	6	0	7
20	0	0	7	6	8	8
21	0	0	7	6	9	8
22	0	0	7	6	10	8
23	0	0	6	0	9	8
24	0	0	6	0	6	8
25	0	0	5	0	6	8
26	0	0	6	0	6	6
27	0	8	6	0	6	5
28	0	9	0	5	6	4
29	0	11	0	6	0	4
30	0	10	0	6	0	4
31	.....	10	.....	6	0	.....
Mean	0	1	5	2	4	4
Max.	0	11	8	6	10	8
Min.	0	0	0	0	0	0
A. F.	0	95	311	125	244	288

Area reported 775 acres D-754 695 acres
 Water used 1063 A. F. A-1111 80 acres
 Per acre 1.37 A. F.

Total 775 acres

BEERLINE CANAL
Diverted from North Platte River

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	5	4	0	0	10	9	0	0
2	5	4	0	0	0	8	0	0
3	5	4	0	0	0	6	0	0
4	5	4	0	0	0	0	0	0
5	5	4	0	0	5	0	0	0
6	5	3	0	0	6	1	0	0
7	5	3	0	0	5	0	0	0
8	5	3	0	0	4	0	8	0
9	5	3	0	0	6	0	3	0
10	5	3	0	0	13	0	2	0
11	5	2	0	0	12	0	0	0
12	5	2	0	0	10	0	0	0
13	5	2	0	0	10	7	0	0
14	5	2	0	0	7	8	0	0
15	5	2	0	0	7	8	0	0
16	5	1	0	0	8	5	0	0
17	5	1	0	0	10	5	0	0
18	5	1	0	0	0	5	7	0
19	5	1	0	1	0	5	1	0
20	5	1	0	1	0	3	0	0
21	5	0	0	1	0	5	0	0
22	5	0	0	1	0	5	0	0
23	5	0	0	1	0	3	0	0
24	5	0	0	1	0	5	0	0
25	5	0	0	1	0	5	0	0
26	5	0	0	1	0	5	0	0
27	5	0	0	1	0	0	0	0
28	5	0	0	4	0	0	0	0
29	5	0	0	4	0	0	0	0
30	5	0	0	4	0	0	0	0
31	5	.....	.....	9	.....	0	0	.....
Mean	5	2	0	1	4	3	0.7	0
Max.	5	4	0	4	13	9	8.0	0
Min.	5	0	0	0	0	0	0.0	0
A. F.	307	99	0	60	224	192	42.0	0

Area reported 2080 acres
 Water used 924 A. F.
 Per acre 0.44 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	BELMONT CANAL							BELMONT FEEDER				
	Diverted from North Platte River							Diverted from Cedar Creek				
	Oct.	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	99	0	66	132	87	99	101	0	6	6	5	7
2	83	0	62	166	0	99	101	7	6	6	5	7
3	83	0	44	151	0	141	106	7	6	6	5	7
4	83	0	44	135	0	189	106	7	6	6	5	7
5	83	0	32	159	0	206	106	7	6	5	5	7
6	83	0	32	169	58	196	106	0	6	5	5	8
7	83	0	32	169	97	176	106	0	6	5	5	8
8	83	0	42	105	128	176	106	0	6	5	5	8
9	81	0	44	117	201	189	106	0	6	5	5	8
10	81	0	44	115	123	186	106	7	6	0	5	8
11	81	0	46	108	0	149	108	7	6	0	5	8
12	83	0	46	108	0	99	108	7	6	0	6	8
13	83	0	51	103	0	0	108	7	6	0	6	8
14	72	0	62	101	0	0	103	7	6	0	6	8
15	10	0	70	135	32	0	101	7	6	0	6	8
16	41	0	74	135	101	0	100	7	6	6	6	10
17	83	0	74	133	74	0	100	7	6	6	6	10
18	85	0	72	130	106	19	101	7	6	6	6	10
19	87	0	68	159	159	112	105	7	6	6	6	10
20	87	0	68	169	153	128	108	7	6	6	6	10
21	79	0	35	161	151	124	109	7	6	6	6	10
22	68	0	37	176	169	121	110	6	6	6	6	10
23	60	0	39	126	169	105	108	6	6	6	6	10
24	64	0	34	124	76	99	108	6	6	6	6	10
25	62	0	32	124	76	106	108	6	6	6	6	10
26	60	0	37	203	74	106	103	6	6	6	7	9
27	60	32	48	191	0	101	101	6	6	3	7	9
28	60	66	51	201	0	103	101	6	6	0	7	9
29	58	66	85	189	0	108	105	6	6	0	7	9
30	58	61	146	171	0	99	110	6	6	0	7	9
31	0	-----	68	-----	25	97	-----	6	-----	3	7	-----
Mean	70	8	54	146	66	107	105	6	6	4	6	8
Max.	99	66	146	203	201	206	110	7	6	6	7	10
Min.	0	0	32	101	0	0	100	0	6	0	5	7
A. F.	4330	452	3342	8676	4084	6611	6258	341	357	240	345	516

Water used 1799 A. F.

BELMONT CANAL
SUMMARY IN ACRE-FEET

From:	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	4330	452	3342	8676	4084	6611	6258	33753
Cedar Creek	*	0	341	357	240	345	516	1799
Total Diversion	4330	452	3683	9033	4324	6956	6774	35552
Empire Canal	81	0	157	940	8	319	474	1979
Net to Belmont Canal.....	4249	452	3526	8093	4316	6637	6300	33573

Area reported 13889 acres

Water used 33573 A. F.

Per acre 2.42 A. F.

*No record.

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DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

BICKEL CANAL					
Date	Diverted from Lodgepole Creek				
	May	June	July	Aug.	Sept.
1	0	0	2	1	1
2	0	0	2	1	1
3	0	0	2	1	1
4	0	0	2	1	1
5	0	0	2	1	1
6	0	0	1	2	2
7	0	0	1	1	1
8	0	0	1	1	1
9	0	0	1	1	2
10	0	0	1	1	1
11	0	0	1	1	2
12	0	0	1	1	1
13	0	0	1	1	1
14	0	0	1	1	1
15	0	0	1	1	1
16	0	0	2	1	1
17	0	0	2	1	1
18	0	0	2	1	1
19	0	0	2	1	1
20	0	0	2	1	1
21	0	0	1	2	1
22	0	0	1	2	1
23	0	0	1	2	1
24	0	0	1	2	1
25	0	0	1	2	1
26	0	0	1	1	1
27	0	0	1	1	1
28	0	0	1	1	1
29	0	0	1	1	1
30	0	0	1	1	1
31	0	0	1	1	1
Mean	0	0	1	1	1
Max.	0	0	2	2	2
Min.	0	0	1	1	1
A. F.	0	0	82	81	66

Area reported 98 acres
Water used 229 A. F.
Per acre 2.31 A. F.

	65 acres
	10 acres
	23 acres
Total	98 acres

*No record.

BIRDWOOD CANAL								
Date	Diverted from Birdwood Creek							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	8	0	0	0	0	9	11	40
2	8	0	0	0	9	9	29	40
3	8	0	0	0	9	9	36	36
4	8	0	0	7	5	36	49	25
5	8	0	0	7	18	49	40	25
6	8	0	0	7	16	49	38	25
7	8	0	0	7	16	51	34	23
8	8	0	0	10	5	51	44	22
9	8	0	0	0	6	53	42	20
10	8	0	0	0	7	53	42	25
11	7	0	0	9	6	53	40	29
12	7	0	0	7	6	53	40	30
13	7	0	0	6	8	38	51	33
14	7	0	0	6	7	40	51	35
15	7	0	0	8	9	33	44	29
16	7	0	0	8	7	33	46	29
17	7	0	0	8	7	33	27	29
18	7	0	0	6	8	33	27	33
19	7	0	0	9	7	33	33	33
20	7	0	10	9	7	53	7	33
21	5	0	11	18	9	53	5	33
22	5	0	7	19	29	50	5	33
23	5	0	5	6	29	49	5	34
24	5	0	11	4	29	25	5	34
25	5	0	11	1	40	33	14	34
26	5	0	19	1	51	34	14	25
27	5	0	15	1	0	14	7	9
28	5	0	18	6	0	14	14	7
29	5	0	14	6	0	15	27	5
30	5	0	16	10	0	15	33	4
31	5	0	-----	10	-----	11	33	-----
Mean	7	0	4	7	13	36	29	27
Max.	8	0	19	19	51	53	51	40
Min.	5	0	0	0	0	0	5	4
A. F.	407	0	272	424	712	2225	1755	1607

Area reported 5327 acres
Water used 7402 A. F.
Per acre 1.39 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
BLUE CREEK CANAL
 Diverted from Blue Creek and Crescent
 Lake—A-1575

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	30	0	0	42	0	26	0
2	30	0	0	38	0	30	0
3	30	0	11	25	0	29	0
4	30	0	11	19	17	37	0
5	30	0	11	12	17	37	0
6	30	0	11	8	13	38	0
7	30	0	13	8	0	29	27
8	30	0	0	5	0	30	30
9	30	0	0	0	0	30	29
10	30	0	0	0	0	30	0
11	32	0	0	0	0	0	0
12	32	0	13	0	0	0	0
13	32	0	15	14	0	0	0
14	32	0	19	22	0	0	0
15	32	0	23	16	0	0	0
16	32	0	30	37	0	0	0
17	32	0	35	44	0	0	0
18	32	0	0	42	0	0	0
19	32	0	17	42	0	0	0
20	32	0	21	41	0	31	0
21	29	0	21	41	17	28	32
22	29	0	21	41	17	22	34
23	29	0	41	39	0	33	31
24	29	0	41	34	0	28	31
25	29	0	42	33	0	33	30
26	29	0	42	31	0	32	30
27	29	0	41	0	0	33	30
28	29	0	42	0	0	34	31
29	29	0	40	0	0	0	29
30	29	0	35	0	0	0	39
31	29	.....	38	.....	30	0	.....
Mean	31	0	20	21	4	19	13
Max.	32	0	42	44	30	38	39
Min.	29	0	0	0	0	0	0
A. F.	1862	0	1257	1257	220	1170	799
Area reported	2826 acres						
Water used Blue Creek	8405 A.F.			D-795		339 acres	
Water used Crescent Lake	160 A.F.			D-785		2487 acres	
Total	6565						
Total	2826 acres						
Per acre	2.32 A. F.						

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
BOELUS POWER CANAL

Date	Diverted from Middle Loup River											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	417	462	0	290	250	346	0	385	343	296	323	313
2	417	522	430	290	250	330	0	385	486	296	0	313
3	430	0	0	290	250	191	0	0	0	323	313	323
4	434	0	0	290	250	169	0	329	421	396	306	329
5	459	0	418	290	250	0	0	323	416	0	316	329
6	0	462	470	250	250	0	378	329	466	280	368	326
7	417	462	454	250	250	0	378	431	0	264	385	329
8	417	462	0	250	250	0	336	431	365	267	362	339
9	406	416	434	250	250	0	362	431	345	267	0	346
10	459	0	0	250	250	0	385	431	349	272	323	346
11	410	0	446	250	250	0	389	431	358	267	296	346
12	395	470	450	0	250	0	362	395	365	0	313	329
13	417	470	412	250	250	0	378	371	349	290	336	0
14	424	0	0	250	250	0	366	362	0	313	362	329
15	413	0	0	250	250	413	362	346	355	352	378	0
16	421	0	0	250	250	413	381	313	332	362	0	378
17	459	0	0	250	250	395	366	329	346	378	313	346
18	446	0	0	250	250	368	385	323	339	355	431	329
19	435	450	0	250	250	316	0	323	316	0	395	323
20	0	458	0	250	250	349	352	313	346	340	378	0
21	470	451	0	250	250	330	355	329	0	316	395	319
22	470	0	0	250	250	333	0	362	365	316	431	313
23	459	0	0	250	250	421	329	413	349	349	0	313
24	416	0	0	250	250	395	329	0	340	346	349	313
25	435	0	0	250	250	362	329	368	329	316	334	313
26	459	0	0	250	362	395	0	346	319	0	362	346
27	0	0	80	250	346	362	395	329	319	300	352	0
28	462	443	60	250	378	0	378	339	0	300	329	346
29	442	439	100	250	346	385	385	339	303	333	329	339
30	442	430	130	250	.....	368	403	346	313	352	0	329
31	458	.....	250	250	.....	395	.....	0	.....	343	319	.....
Mean	394	215	134	248	264	228	269	326	299	275	294	298
Max.	470	476	470	290	378	421	403	431	486	396	431	346
Min.	0	0	0	0	250	0	0	0	0	0	0	0
A. F.	24207	12829	8259	15273	15237	14015	16033	20156	17839	16917	18105	17752
Water Used	196,613 A. F.											

BROWNS CREEK CANAL

Diverted from North Platte River and Pathfinder Reservoir

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	44	27	0	0	57	71	26	74
2	44	27	0	0	62	73	20	73
3	37	26	0	0	70	71	19	77
4	38	24	0	0	70	81	23	68
5	37	18	0	0	96	70	69	63
6	38	16	0	52	44	52	77	83
7	34	15	0	29	43	71	77	80
8	34	15	0	29	52	90	74	70
9	34	0	0	29	53	65	68	66
10	33	0	0	29	28	67	73	72
11	38	0	0	33	28	49	72	76
12	28	0	0	32	20	0	0	69
13	22	0	0	24	19	42	0	80
14	19	0	0	18	32	49	0	69
15	24	0	0	15	34	65	0	65
16	28	0	0	27	43	58	0	57
17	33	0	0	24	32	54	0	51
18	32	0	0	35	24	52	0	66
19	32	0	0	44	46	51	0	68
20	32	0	0	38	61	56	19	68
21	32	0	0	34	52	59	77	72
22	26	0	0	28	53	56	77	71
23	26	0	0	29	47	51	74	73
24	26	0	0	29	54	51	78	75
25	0	0	0	25	59	54	67	71
26	0	0	0	32	80	48	51	76
27	0	0	0	43	82	54	54	62
28	0	0	0	53	83	55	62	59
29	0	0	0	58	82	55	66	24
30	0	0	0	73	73	56	76	21
31	0	.....	.....	56	.....	48	81	.....
Mean	25	5	0	30	52	57	45	66
Max.	44	27	0	52	96	90	81	83
Min.	0	0	0	0	19	0	0	24
A. F.	1523	333	0	1821	3132	3519	2737	3970
Area reported	6141 acres							
Water used	17035 A. F.							
Per acre	2.78 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

CASTLE ROCK CANAL

Date	Diverted from North Platte River						
	Oct.	May	June	July	Aug.	Sept.	
1	60	0	84	84	67	75	
2	60	0	85	81	74	74	
3	60	5	86	87	70	80	
4	60	15	87	75	82	79	
5	60	15	84	67	74	79	
6	40	8	70	75	73	76	
7	40	7	66	88	73	67	
8	40	12	70	95	73	71	
9	40	7	41	83	80	77	
10	40	9	37	92	76	79	
11	20	22	18	91	77	77	
12	20	15	10	59	76	78	
13	20	20	16	2	102	80	
14	20	11	13	1	76	81	
15	20	14	25	1	71	78	
16	10	12	36	32	75	77	
17	10	33	69	45	71	81	
18	10	25	42	73	69	67	
19	10	40	31	76	79	59	
20	10	86	66	76	91	39	
21	10	103	76	81	84	36	
22	10	90	71	88	85	42	
23	10	105	85	82	91	49	
24	10	121	95	79	79	59	
25	10	105	83	83	74	67	
26	0	78	100	76	73	69	
27	0	82	83	4	77	58	
28	0	82	65	3	80	44	
29	0	88	89	3	78	44	
30	0	84	87	5	74	43	
31	0	82	.....	56	74	.....
Mean	23	44	62	59	87	66	
Max.	60	121	100	95	102	81	
Min.	0	0	10	1	67	36	
A. F.	1388	2735	3709	3656	5363	3937	

Area reported 6050 acres

Water used 20788 A. F.

Per acre 3.43 A. F.

CENTRAL CANAL

Diverted from North Platte River and Pathfinder Reservoir

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	0	18	0	0	7	31	0	38	
2	0	20	0	0	0	30	0	36	
3	0	14	0	0	0	22	0	34	
4	0	3	0	7	0	18	0	35	
5	0	6	0	3	0	21	11	29	
6	0	5	0	2	0	22	23	27	
7	0	13	0	0	0	33	19	28	
8	0	26	0	4	0	34	23	25	
9	0	21	0	10	0	18	23	21	
10	0	25	0	29	0	27	18	24	
11	0	6	0	37	0	33	22	26	
12	0	6	0	32	0	32	8	15	
13	0	15	7	26	0	35	0	13	
14	0	16	0	26	0	26	0	13	
15	0	17	52	22	0	33	0	15	
16	7	18	0	21	0	33	0	28	
17	11	19	0	29	9	26	0	25	
18	23	20	0	36	29	29	0	21	
19	31	21	0	46	8	31	0	18	
20	33	22	0	17	26	27	0	18	
21	31	22	0	15	28	26	0	20	
22	30	22	0	42	24	27	0	20	
23	29	15	0	51	33	25	0	20	
24	26	8	0	51	37	25	0	29	
25	27	0	0	48	43	8	0	38	
26	30	0	0	43	48	0	9	40	
27	30	0	0	41	45	0	32	21	
28	26	0	0	42	45	0	32	16	
29	18	0	0	24	48	0	35	7	
30	17	0	0	0	41	0	38	0	
31	17	.....	.....	0	.....	0	36	.....
Mean	13	12	2	23	16	22	11	23	
Max.	31	22	52	48	48	35	38	38	
Min.	0	0	0	0	0	0	0	0	
A. F.	777	750	117	1396	934	1333	652	1383	

Area reported 2253 acres

Water used 7347 A. F.

Per acre 3.26 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
CHIMNEY ROCK CANALDiverted from North Platte River and Pathfinder
Reservoir

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	18	38	0	0	62	41	24	61
2	19	32	0	0	68	43	0	64
3	16	28	0	0	65	44	0	61
4	19	0	0	0	62	43	33	58
5	23	0	0	0	61	40	38	60
6	18	0	0	0	76	40	45	61
7	26	0	0	0	51	42	46	55
8	23	0	0	0	62	57	47	55
9	27	0	0	0	45	50	47	49
10	30	0	0	0	35	47	46	53
11	28	0	0	0	22	42	40	54
12	26	0	0	0	14	35	0	53
13	22	0	0	0	22	37	0	52
14	19	0	0	0	33	40	0	58
15	16	0	0	9	46	35	0	56
16	16	0	0	12	47	38	0	54
17	14	0	0	10	59	34	0	64
18	18	0	0	7	58	29	0	56
19	23	0	0	17	64	31	0	51
20	25	0	0	45	63	27	0	56
21	24	0	0	41	65	28	0	44
22	31	0	0	46	63	27	0	49
23	30	0	0	49	60	26	0	41
24	27	0	0	50	58	29	0	50
25	26	0	0	62	65	28	37	47
26	26	0	0	62	66	28	63	49
27	23	0	0	68	65	33	50	40
28	31	0	0	68	65	40	56	42
29	42	0	0	63	72	41	62	39
30	40	0	0	59	74	35	60	35
31	30	-----	-----	65	-----	36	-----	-----
Mean	25	3	0	24	56	37	24	52
Max.	42	38	0	68	76	57	63	64
Min.	16	0	0	0	14	26	0	35

A. F. 1517 194 0 1460 3320 2273 1497 3108
 Area reported 5502 acres
 Water used 13300 A. F.
 Per acre 2.42 A. F.

CLEAR CREEK CANAL
Diverted from Clear Creek

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	1	1
2	0	0	0	1	2	1
3	0	0	0	2	3	1
4	0	0	0	2	3	0
5	0	0	0	2	3	0
6	0	0	1	2	3	0
7	0	1	1	4	3	0
8	0	1	1	4	3	0
9	0	1	0	5	3	0
10	0	1	0	5	3	0
11	0	2	0	5	0	0
12	0	2	0	3	0	0
13	0	1	0	3	2	0
14	0	2	0	3	2	1
15	0	0	0	3	2	1
16	0	0	3	2	2	0
17	0	0	2	2	2	0
18	0	0	2	2	2	0
19	0	0	1	2	2	0
20	0	0	1	2	0	0
21	0	0	1	2	0	0
22	3	0	1	2	0	0
23	4	0	1	3	0	0
24	4	0	1	3	2	0
25	0	0	1	3	2	0
26	0	0	1	3	2	0
27	0	0	4	3	2	3
28	0	0	4	3	2	3
29	0	0	0	3	2	3
30	0	0	0	3	2	0
31	-----	0	-----	1	2	-----
Mean	0.4	0.4	2	3	2	0.5
Max.	4.0	2.0	4	5	3	3.0
Min.	0.0	0.0	0	0	0	0.0

A. F. 22.0 22.0 52 184 113 28.0
 Area reported 200 acres
 Water used 421 A. F.
 Per acre 2.10 A. F.

DEPARTMENT OF ROADS AND IRRIGATION

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DISCHARGE OF CANALS IN SECOND- FEET, 1936—Continued

CODY-DILLON CANAL

Date	Diverted from North Platte River				July	Aug.	Sept.
	Oct.	Apr.	May	June			
1	22	0	0	0	0	26	39
2	22	0	0	0	24	31	41
3	22	0	0	0	29	23	47
4	22	0	0	0	22	29	29
5	22	0	0	0	28	44	23
6	15	0	0	0	20	50	20
7	15	0	0	0	1	44	20
8	15	0	0	0	8	36	19
9	15	0	0	0	6	29	29
10	15	0	0	0	3	26	29
11	4	0	0	0	1	29	20
12	4	0	0	0	12	20	14
13	4	0	0	0	29	22	12
14	4	0	0	0	31	27	18
15	4	0	0	0	29	39	26
16	0	0	0	0	20	20	25
17	0	0	0	0	21	20	18
18	0	0	0	0	20	22	16
19	0	0	0	5	23	29	10
20	0	0	0	7	18	62	12
21	0	0	0	10	24	34	14
22	0	0	0	22	29	16	17
23	0	0	0	23	29	21	21
24	0	0	0	23	26	20	20
25	0	0	0	22	47	21	17
26	0	0	0	14	48	2	23
27	0	0	0	0	88	17	32
28	0	0	0	0	65	16	29
29	0	0	0	0	59	15	31
30	0	0	0	0	36	20	10
31	0	-----	0	-----	47	20	-----
Mean	7	0	0	4	27	27	22
Max.	22	0	0	23	88	62	47
Min.	0	0	0	0	0	2	10
A. F.	407	0	0	250	1684	1646	1351

Area reported 4823 acres
 Water used 5338 A. F.
 Per acre 1.11 A. F.

COLD WATER CANAL

Date	Diverted from Cold Water Creek				July	Aug.	Sept.
	Oct.	Nov.	Apr.	May			
1	4	4	4	3	3	0	0
2	4	4	4	3	3	0	0
3	4	4	4	3	3	0	0
4	4	4	4	3	3	0	0
5	4	4	4	3	3	0	0
6	4	4	4	3	2	0	2
7	4	4	4	3	2	0	2
8	4	4	4	3	2	0	2
9	4	4	4	3	2	0	2
10	4	4	4	3	2	0	2
11	4	4	4	3	2	0	0
12	4	4	4	3	2	0	0
13	4	4	4	3	2	0	0
14	4	4	4	3	2	0	0
15	4	4	4	4	2	0	0
16	4	4	3	4	2	0	0
17	4	4	3	4	2	0	0
18	4	4	3	3	2	0	0
19	4	4	3	3	2	0	0
20	4	4	3	4	2	0	0
21	4	4	4	4	2	2	2
22	4	4	4	3	2	2	4
23	4	4	4	3	2	2	4
24	4	4	4	4	2	0	0
25	4	4	4	3	2	0	0
26	4	4	3	4	2	0	0
27	4	4	3	3	0	0	4
28	4	4	3	4	0	0	4
29	4	4	3	3	0	0	4
30	4	4	3	3	0	0	4
31	4	-----	-----	4	-----	0	-----
Mean	4	4	3	3	2	0.2	1
Max.	4	4	4	4	3	2.0	4
Min.	4	4	3	3	0	0.0	0
A. F.	246	238	218	202	112	12.0	55

Area reported 300 acres
 Water used 1143 A. F.
 Per acre 3.81 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

COURT HOUSE ROCK CANAL									
Diverted from Pumpkinseed Creek									
Date	Oct.	Nov.	Dec.	Apr.	May	June	July	Aug.	Sept.
1	20	15	26	0	22	14	0	8	9
2	20	15	26	0	20	14	0	8	8
3	20	15	26	0	21	15	10	9	10
4	20	15	26	0	22	15	9	9	11
5	20	15	26	0	23	19	9	9	8
6	15	15	26	0	23	19	8	8	8
7	15	15	26	0	23	18	0	8	10
8	15	15	26	0	23	23	0	8	9
9	15	15	26	0	22	23	0	8	8
10	15	15	26	0	21	22	0	7	9
11	15	20	0	0	20	21	0	7	8
12	15	20	0	0	19	19	0	0	8
13	15	20	0	0	19	19	0	0	7
14	15	20	0	0	18	19	0	0	9
15	15	20	0	0	18	0	0	0	9
16	15	20	0	0	17	0	0	0	9
17	15	20	0	0	14	0	0	0	9
18	15	20	0	0	14	0	0	0	10
19	15	20	0	0	13	0	0	0	9
20	15	20	0	0	15	0	0	9	9
21	15	24	0	0	15	0	8	9	10
22	15	28	0	0	15	10	8	9	10
23	15	28	0	0	17	9	0	9	10
24	15	28	0	0	17	8	0	9	10
25	15	28	0	0	16	9	0	9	10
26	15	26	0	0	15	8	0	11	10
27	15	26	0	0	13	9	0	11	10
28	15	26	0	20	14	10	0	10	10
29	15	26	0	19	14	9	0	10	10
30	15	26	0	22	13	10	0	10	10
31	15	-----	0	-----	12	-----	0	9	-----
Mean	16	20	8	2	18	11	2	7	9
Max.	20	26	26	22	23	23	10	11	11
Min.	15	15	0	0	12	0	0	0	7
A. F.	872	1222	516	121	1087	678	163	465	549
Area reported	1455 acres					D-840,	1028	1425	acres
Water used	5653 A. F.					A-851		30	acres
Per acre	3.88 A. F.					Total		1455	acres

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

COZAD CANAL								
Diverted from Platte River and Sutherland Reservoir								
Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	120	150	0	113	0	0	0	0
2	120	151	0	127	0	0	0	0
3	120	150	0	123	0	0	0	0
4	120	150	0	120	0	0	0	0
5	120	150	0	117	0	0	0	0
6	100	150	0	115	0	0	0	0
7	100	150	0	103	0	0	0	0
8	100	150	0	99	0	0	0	e
9	100	150	0	0	0	0	0	0
10	100	150	0	0	0	0	0	0
11	78	100	0	0	45	0	0	0
12	78	80	0	0	28	0	0	0
13	78	80	0	0	28	0	0	0
14	78	40	0	0	24	0	0	0
15	78	0	113	0	36	0	0	0
16	60	0	97	0	38	0	0	0
17	60	0	84	0	34	0	0	0
18	60	0	92	0	32	s15	0	0
19	60	0	81	0	26	s97	0	0
20	60	0	80	0	34	s68	0	0
21	60	0	86	0	36	s75	0	0
22	60	0	77	0	53	s80	0	0
23	60	0	72	0	62	s80	0	0
24	60	0	128	0	0	s88	0	0
25	60	0	177	0	0	s58	0	0
26	80	0	144	0	0	s149	0	0
27	80	0	136	0	0	s96	0	0
28	90	0	91	0	0	0	0	0
29	100	0	133	0	0	0	0	0
30	100	0	102	0	0	0	0	0
31	120	.....	.....	0	.....	s13	0	.....
Mean	86	60	56	30	16	26	0	0
Max.	120	151	177	127	62	149	0	0
Min.	60	0	0	0	0	0	0	0
A. F.	5276	3572	3358	1819	944	1625	0	0.

Water used 16594 A. F.

s 1625 acre-feet Sutherland storage water.

COZAD CANAL
SUMMARY IN ACRE-FEET

From	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Platte River	5276	3572	3358	1819	944	1625	0	0	16594
Waste	*	*	202	301	56	0	0	0	559
Net diversion	5276	3572	3156	1518	888	1625	0	0	16035

Area reported 21510 acres

Water used 16594 A. F.

Per acre 0.77 A. F.

*No record.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

CULBERTSON CANAL									
Diverted from Frenchman River									
Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	64	80	0	90	33	37	103	69	
2	64	80	0	93	39	35	100	69	
3	64	81	0	91	39	79	99	70	
4	64	79	0	92	39	78	98	78	
5	64	79	0	93	38	75	96	76	
6	64	0	0	95	36	76	87	85	
7	71	0	0	100	38	75	96	81	
8	75	0	0	78	39	74	92	81	
9	74	0	0	48	38	72	92	85	
10	74	0	0	35	37	72	87	81	
11	73	0	0	36	37	73	86	83	
12	73	0	0	37	34	68	82	84	
13	73	0	14	39	31	68	76	81	
14	73	0	60	36	62	68	74	37	
15	74	0	62	35	81	77	74	79	
16	78	0	72	34	88	68	72	84	
17	78	0	72	31	87	71	67	86	
18	79	0	76	32	91	70	66	89	
19	77	0	83	59	92	71	71	95	
20	78	0	88	60	92	72	70	97	
21	77	0	88	55	88	74	74	95	
22	79	0	88	58	88	70	84	97	
23	79	0	89	52	89	71	91	92	
24	78	0	91	54	84	72	90	90	
25	79	0	90	71	88	70	78	87	
26	78	0	90	56	91	72	79	86	
27	78	0	94	71	95	70	80	89	
28	78	0	102	58	87	66	84	91	
29	80	0	100	20	83	72	83	79	
30	81	0	96	3	91	53	79	81	
31	81	-----	-----	3	-----	103	68	-----	
Mean	75	13	48	55	65	73	83	82	
Max.	81	81	102	100	95	103	103	97	Area reported 9447 acres
Min.	64	0	0	3	33	53	66	37	Water used 30619 A. F.
A. F.	4566	791	2886	3384	3884	4512	5113	4913	Per acre 3.18 A. F.

DAWSON COUNTY CANAL

Diverted from Platte River

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	23	100	0	125	152	0	308	0
2	25	100	0	146	175	0	279	0
3	48	100	0	128	177	0	285	0
4	100	100	0	107	195	0	360	0
5	129	100	0	83	169	0	234	0
6	160	100	0	62	144	0	139	0
7	180	100	0	77	206	0	93	0
8	189	100	0	221	268	0	83	0
9	180	100	0	146	128	0	60	0
10	180	100	0	116	177	0	43	19
11	198	0	0	109	184	0	37	18
12	198	0	0	147	217	0	17	12
13	190	0	0	170	188	0	10	23
14	190	0	0	199	143	0	0	13
15	190	0	0	206	91	77	0	23
16	150	0	0	221	100	171	0	0
17	150	0	0	232	144	109	0	0
18	150	0	0	221	117	299	0	0
19	150	0	0	202	82	127	0	0
20	150	0	0	170	89	139	0	27
21	150	0	0	188	95	137	0	26
22	150	0	0	188	85	129	0	29
23	150	0	34	199	56	195	0	15
24	150	0	36	114	74	192	50	10
25	150	0	2	149	64	192	47	12
26	100	0	97	164	51	176	68	17
27	100	0	97	132	0	191	67	23
28	100	0	116	208	0	305	33	35
29	100	0	105	220	0	319	39	59
30	100	0	97	190	0	358	47	67
31	100	-----	-----	181	-----	365	2	-----
Mean	137	33	19	161	114	112	74	14
Max.	198	100	116	220	217	365	309	67
Min.	23	0	0	62	0	0	0	0
A. F.	8438	1983	1158	9941	6827	6904	4562	861

Water used 40674 A. F.

10648 acre-feet of water for Elm Creek Canal, Kearney Canal and Dawson County Canal water users between July 14 and August 14. 8032 acre-feet of this water was Sutherland storage water.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
 DAWSON COUNTY CANAL
 Diverted from Cozad Waste

Date	Apr.	May	June	July	Aug.	Sept.
1	0	12	0	0	0	0
2	0	13	0	0	0	0
3	0	14	0	0	0	0
4	0	12	0	0	0	0
5	0	12	0	0	0	0
6	0	10	0	0	0	0
7	0	5	0	0	0	0
8	0	14	0	0	0	0
9	0	11	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	8	0	0	0
13	0	0	8	0	0	0
14	0	0	4	0	0	0
15	0	0	3	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	12	0	0	0	0	0
19	12	0	0	0	0	0
20	4	0	0	0	0	0
21	4	0	0	0	0	0
22	5	38	0	0	0	0
23	3	10	5	0	0	0
24	0	1	0	0	0	0
25	10	0	0	0	0	0
26	13	0	0	0	0	0
27	14	0	0	0	0	0
28	11	0	0	0	0	0
29	12	0	0	0	0	0
30	2	0	0	0	0	0
31	0	0	0	0	0	0
Mean	3	5	1	0	0	0
Max.	13	38	8	0	0	0
Min.	0	0	0	0	0	0
A. F.	202	301	56	0	0	0

Water used 559 A. F.

DAWSON COUNTY CANAL
 SUMMARY IN ACRE-FEET

	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:									
Platte River	8438	1983	1158	9941	6827	6904	4562	861	40674
Cozad Tail Waste.....	*	*	202	301	56	0	0	0	559
Total Diversion	8438	1983	1360	10242	6883	6904	4562	861	41233
Wasted into:									
Dawson Drain No. 1.....	0	0	0	0	0	39	94	0	133
Strever Creek	0	0	0	0	0	1275	1176	0	2451
French Creek	*	*	183	391	182	0	0	0	761
Elm Creek	0	0	0	236	270	0	0	0	506
Buffalo Creek	*	*	20	60	42	60	91	0	273
Total Waste	*	*	208	687	494	1374	1361	0	4124
Net Diversion	8438	1983	1152	9555	6389	5530	3201	861	37109
*No record									
Area reported 93677 acres									
Water used 37109 A. F.									
Per acre 0.40 A. F.									
						1936 Acreage Reports			
						D- 621			70
						D- 622			70006
						D- 624			2520
						A-2039			5617
						A-2093			176
						A-2110			14724
						A-2262			570
						Total			93677

REPORT OF THE STATE ENGINEER

Date	DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued							EMPIRE CANAL						
	ELM CREEK CANAL				Platte River			Diverted from North Platte River						
	Apr.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.		
1	0	0	0	1	42	0	4	0	20	2	0	7		
2	0	0	0	3	48	0	1	0	37	0	0	7		
3	0	0	0	3	47	0	5	0	20	0	0	7		
4	0	0	0	2	45	0	5	0	20	0	7	7		
5	0	0	0	0	40	0	5	0	25	0	17	7		
6	0	0	0	0	45	0	6	0	23	1	17	7		
7	0	0	0	0	51	0	6	0	21	1	19	7		
8	0	0	0	0	34	0	7	0	19	1	16	7		
9	0	0	0	0	20	0	0	0	13	1	18	8		
10	0	0	0	0	16	0	0	0	12	0	18	7		
11	0	0	0	0	15	0	0	0	11	0	4	8		
12	0	0	0	0	10	0	0	0	9	0	0	8		
13	0	0	0	0	0	0	0	0	8	0	0	8		
14	0	0	0	0	0	0	0	0	8	0	0	8		
15	0	0	0	0	0	0	0	0	12	0	0	8		
16	0	0	0	0	0	0	0	0	12	0	0	9		
17	0	0	0	0	0	0	0	0	14	0	0	9		
18	0	0	0	0	0	0	0	0	11	0	0	9		
19	0	0	0	0	6	0	0	0	17	0	0	9		
20	0	0	0	18	0	0	0	0	17	0	0	9		
21	0	0	0	11	0	0	0	0	18	0	0	9		
22	0	0	0	16	0	0	0	1	22	0	0	9		
23	0	0	0	4	0	0	0	1	4	0	0	8		
24	0	0	0	2	0	0	0	1	6	0	0	8		
25	0	0	0	2	0	0	0	3	12	0	4	9		
26	0	0	0	13	0	0	0	4	15	0	4	8		
27	0	0	0	25	0	0	0	6	14	0	6	8		
28	0	0	0	27	0	0	0	9	17	0	7	8		
29	0	0	0	32	0	0	0	10	18	0	9	8		
30	0	0	0	35	0	0	0	28	19	0	8	8		
31	0	0	0	37	0	0	0	16	0	0	7	8		
Mean	0	0	0	8	13	0	1	2	16	0	5	8		
Max.	0	0	0	37	51	0	7	28	37	1	19	9		
Min.	0	0	0	0	0	0	0	0	4	0	0	7		
A. F.	0	0	0	482	819	0	81	157	940	8	319	474		

Area reported 5911 acres
 Water used 1301 A. F.
 Per acre 0.22 A. F.

Area reported 1800 acres
 Water used 1979 A. F.
 Per acre 1.10 A. F.

1197 acre-feet received between July 13 and August 9. 622 acre-feet for Elm Creek and 575 for Kearney Canal.

D-858 1725 acres
 A-866 75 acres
 Total 1800 acres

Date	ENTERPRISE CANAL							
	Diverted from North Platte River							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	82	60	0	28	78	77	70	77
2	75	60	0	26	77	71	73	77
3	72	60	0	22	77	71	72	68
4	67	60	0	21	74	65	74	68
5	0	60	0	35	67	83	73	56
6	0	61	0	34	77	90	78	61
7	0	40	0	41	77	80	77	72
8	0	40	0	46	58	80	78	72
9	0	20	0	56	88	78	67	72
10	0	0	0	73	37	78	67	73
11	0	0	0	70	9	83	66	72
12	0	0	0	86	17	90	68	70
13	0	0	0	90	1	80	70	72
14	30	0	0	101	53	78	74	73
15	62	0	0	76	49	83	73	81
16	50	0	96	97	44	71	73	71
17	40	0	88	88	49	80	68	72
18	35	0	75	97	50	90	68	67
19	35	0	75	96	51	86	68	61
20	35	0	70	91	80	82	71	63
21	35	0	65	102	82	75	72	70
22	36	0	65	97	78	65	80	68
23	36	0	61	114	83	74	80	67
24	36	0	60	95	84	75	78	67
25	36	0	60	79	78	73	80	64
26	38	0	59	82	82	75	80	64
27	40	0	56	82	71	74	81	63
28	45	0	63	70	72	74	77	70
29	50	0	42	79	71	80	77	66
30	64	0	33	83	72	75	80	63
31	60	0	0	82	0	75	80	0
Mean	34	15	32	73	63	78	74	69
Max.	82	60	96	114	81	90	81	81
Min.	0	0	0	22	1	65	66	56
A. F.	2100	914	1920	4465	3759	4782	4548	4092

Water used 26580 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	ENTERPRISE CANAL						
	Diverted Oct.	from Morrill and Stewart				Drains	
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1	1	1	2	2
2	0	0	1	1	1	2	2
3	0	0	1	1	1	2	2
4	0	0	1	1	1	2	2
5	0	0	1	1	1	2	2
6	0	0	1	1	1	2	2
7	0	0	1	1	1	2	2
8	0	0	1	1	1	2	2
9	0	0	1	1	1	2	2
10	0	0	1	1	1	2	2
11	0	0	1	1	1	2	2
12	0	0	1	1	1	2	2
13	0	0	1	1	1	2	2
14	0	0	1	1	1	2	2
15	0	0	1	1	1	2	2
16	0	0	1	1	1	2	2
18	0	0	1	1	1	2	2
19	0	0	1	1	1	2	2
20	0	0	1	1	1	2	2
21	0	0	1	1	1	2	2
22	0	0	1	1	1	2	2
23	0	0	1	1	1	2	2
24	0	0	1	1	1	2	2
25	0	0	1	1	1	2	2
26	0	0	1	1	1	2	2
27	0	0	1	1	1	2	2
28	0	0	1	1	1	2	2
29	0	0	1	1	1	2	2
30	0	0	1	1	1	2	2
31	0	.....	1	.....	1	2	2
Mean	0	0	1	1	1	2	2
Max.	0	0	1	1	1	2	2
Min.	0	0	1	1	1	2	2
A. F.	0	0	61	59	123	123	119
Water used	485 A. F.						

Date	ENTERPRISE CANAL							
	Diverted from Wet Spotted Tall Creek							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	9	7	0	4	8	6	7	9
2	9	7	0	4	8	6	9	9
3	9	7	0	4	8	6	10	9
4	9	7	0	4	8	6	11	9
5	0	7	0	4	8	6	11	9
6	0	7	0	4	7	6	8	9
7	0	7	0	4	7	6	8	9
8	0	7	0	4	7	6	8	9
9	0	7	0	4	7	6	8	9
10	0	0	0	4	7	6	8	9
11	0	0	0	6	6	7	8	8
12	0	0	0	6	6	7	8	8
13	0	0	0	6	6	7	8	8
14	0	0	0	6	6	7	8	8
15	9	0	0	6	6	7	9	8
16	9	0	4	8	6	7	8	8
17	9	0	4	8	6	7	8	8
18	9	0	4	8	6	7	8	8
19	9	0	4	8	6	7	8	8
20	9	0	4	8	6	7	8	8
21	7	0	4	8	6	7	8	8
22	7	0	4	8	6	7	8	8
23	7	0	4	8	6	7	8	8
24	7	0	4	8	6	7	8	8
25	7	0	4	8	6	7	8	8
26	7	0	4	8	6	7	8	8
27	7	0	4	8	6	7	8	8
28	7	0	4	8	6	7	8	8
29	7	0	1	8	6	7	8	8
30	7	0	4	8	6	7	8	8
31	7	0	.....	8	.....	7	8	.....
Mean	5	2	2	6	7	7	8	8
Max.	9	7	4	8	8	7	11	9
Min.	0	0	0	4	6	6	7	8
A. F.	331	139	119	393	387	410	508	496
Water used	2783 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
 ENTERPRISE CANAL
 Diverted from Tub Springs

Date	Apr.	May	June	July	Aug.	Sept.
1	0	5	0	30	22	18
2	0	5	0	30	24	18
3	0	5	0	30	21	18
4	0	5	0	30	24	18
5	0	5	0	30	21	18
6	0	7	0	30	14	18
7	0	5	0	30	14	18
8	0	5	0	30	14	18
9	0	22	0	30	14	18
10	0	16	0	30	14	18
11	0	3	0	34	14	18
12	0	26	0	36	19	18
13	0	27	0	38	19	18
14	0	25	0	41	19	18
15	0	22	0	40	19	18
16	0	26	0	38	19	22
17	0	28	0	40	19	22
18	0	28	0	35	19	22
19	0	26	0	32	19	22
20	0	28	0	40	19	22
21	0	28	0	30	19	22
22	0	24	0	25	19	22
23	0	18	0	21	19	22
24	0	24	35	21	19	22
25	0	16	35	21	19	22
26	0	23	35	21	19	22
27	0	24	35	21	19	22
28	0	22	35	21	19	22
29	0	25	35	21	19	22
30	0	0	35	21	19	22
31	0	0	0	21	19	22
Mean	0	17	8	30	19	20
Max.	0	28	35	41	24	22
Mean	0	3	0	21	14	18
A. F.	0	1079	486	1821	1151	1190

Water used 5730 A. F.

ENTERPRISE CANAL
 SUMMARY IN ACRE FEET

From:	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River	2100	914	1920	4465	3759	4782	4548	4092	26580
Morrill Drain	0	0	0	61	59	123	123	119	485
Stewarts Drain	0	0	0	0	0	0	0	0	0
Dry Spotted Tail.....	0	0	0	0	0	0	0	0	0
Wet Spotted Tail.....	331	139	119	293	387	410	508	496	2783
Tub Springs	*	*	0	1079	486	1821	1151	1190	5730
*Winter Creek .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2431	1053	2039	5098	4691	7136	6333	5897	35578
Waste to Tub Springs....	*	*	954	613	1182	57	433	837	3776
Waste to Winters Cr....	*	*	0	300	516	520	759	1045	3131
Net Diversion	2431	1053	1085	5085	2993	6559	5450	4015	28671

Area reported 7801 Acres.

Water used 28671 A. F.

Per acre 3.67 A. F.

*No record.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

FORT LARAMIE CANAL

Diverted from North Platte River,
Pathfinder and Guernsey Reservoirs

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	1174	1129	966	953
2	0	0	1189	1123	965	972
3	0	0	1052	1083	967	989
4	0	0	953	1058	786	1011
5	0	0	831	1039	613	1025
6	0	292	308	1031	567	1020
7	0	197	157	1016	565	1025
8	0	319	156	1045	565	1035
9	0	302	190	1057	616	1035
10	0	311	206	1074	679	1035
11	0	369	183	1073	743	1035
12	0	657	152	1058	845	838
13	0	788	201	1030	1019	477
14	0	864	154	982	1104	160
15	0	941	157	955	1153	88
16	0	1015	231	902	1150	48
17	0	1046	450	878	1188	19
18	0	1093	585	861	1209	12
19	0	1200	724	830	1355	15
20	0	1261	787	824	1385	0
21	0	1322	850	865	1380	0
22	0	1432	858	884	1289	25
23	0	1472	835	837	1195	15
24	0	1479	879	845	1166	18
25	0	1477	967	855	1166	13
26	0	1466	1113	855	1124	21
27	0	1450	1114	892	1072	10
28	0	1375	1172	924	1030	8
29	0	1287	1231	965	923	20
30	0	1191	1161	970	883	8
31	.....	1156	.....	968	908	.....
Mean	0	830	666	965	990	215
Max.	0	1479	1180	1129	1385	1035
Min.	0	0	152	824	565	0
A. F.	0	51080	39688	59394	60885	25598

Area reported 105326 acres

Water used 236645 A. F.

Per acre 2.24 A. F.

DISCHARGE OF CANALS IN SECOND- FEET, 1936—Continued

GERING CANAL									
Diverted from North Platte River and Pathfinder Reservoir									
Date	Oct.	Nov.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	140	0	0	100	160	0	75	83
2	0	140	0	0	92	160	0	74	82
3	0	149	0	0	95	159	0	75	82
4	0	140	0	0	96	158	0	75	85
5	0	140	0	0	93	129	0	74	82
6	0	155	0	0	61	87	0	74	83
7	0	161	0	0	99	79	0	159	15
8	0	160	0	149	116	77	0	189	0
9	0	165	0	137	102	77	0	188	0
10	0	162	0	136	0	77	0	188	0
11	0	160	0	117	0	76	143	187	0
12	0	162	0	109	144	77	139	0	0
13	0	164	0	140	110	78	132	0	0
14	0	153	0	170	111	76	134	0	0
15	0	143	0	174	116	78	134	0	0
16	178	137	200	176	118	110	133	0	0
17	160	138	200	172	122	168	136	91	0
18	150	139	200	170	120	160	126	79	0
19	140	137	205	168	123	154	103	81	0
20	130	0	190	167	137	160	102	83	0
21	120	0	179	159	157	164	104	82	0
22	117	0	184	155	157	165	106	81	0
23	120	0	173	154	161	166	111	79	0
24	120	0	188	144	161	169	109	79	0
25	120	0	174	139	163	167	94	80	0
26	120	0	176	139	157	166	89	82	0
27	120	0	174	118	163	167	94	83	0
28	120	0	173	107	164	100	92	83	0
29	124	0	92	102	161	0	84	83	0
30	130	0	0	110	161	0	73	83	0
31	130	0	0	0	162	0	74	83	0
Mean	67	94	81	110	120	118	74	84	17
Max.	178	161	205	176	164	169	143	189	85
Min.	0	0	0	0	0	0	0	0	0
A. F.	4163	5625	4975	6569	7383	7069	4586	5137	1017
Area reported 14216 acres									
Water used 46524 A. F.									
Per acre 3.27									

GOTHENBURG DIVERSION CANAL

Diverted from Platte River									
Date	Oct.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	222	*	320	65	363	162	102	207	9
2	210	.....	282	124	289	139	110	194	7
3	205	.....	307	124	289	141	60	200	7
4	204	.....	268	139	296	132	9	200	17
5	201	.....	254	154	296	142	0	181	28
6	196	.....	230	141	268	149	0	136	42
7	190	.....	194	150	214	168	0	118	44
8	190	.....	119	179	289	168	0	106	41
9	180	.....	94	168	269	155	0	82	43
10	180	.....	63	171	253	175	0	67	41
11	168	.....	40	175	241	106	0	60	33
12	185	.....	49	162	233	112	0	53	25
13	210	.....	56	200	247	149	65	32	37
14	223	.....	45	219	261	162	69	9	46
15	228	.....	53	230	261	168	207	7	37
16	225	251	35	233	247	175	218	7	25
17	233	220	35	233	247	181	227	17	23
18	245	76	35	233	247	168	238	35	23
19	201	37	35	236	233	220	251	100	35
20	257	88	35	268	162	220	302	82	48
21	271	207	35	268	168	220	302	76	45
22	290	227	25	282	168	232	307	117	47
23	303	217	30	289	178	175	304	124	45
24	310	160	30	310	155	118	235	118	40
25	330	168	35	325	164	82	187	142	40
26	332	251	30	332	164	60	199	168	45
27	332	268	7	340	167	52	205	136	66
28	330	325	71	332	153	44	203	70	76
29	330	332	158	317	148	57	214	40	76
30	330	.....	142	317	158	100	214	30	118
31	330	.....	88	.....	150	.....	214	21	.....
Mean	246	.....	103	224	222	144	143	95	40
Max.	332	.....	320	340	363	232	307	207	118
Min.	168	.....	7	65	150	44	0	7	7
A. F.	15162	.....	6347	13339	13732	8592	8817	5821	2396
Water used 74206 A. F.									
*No record.									

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

GOTHENBURG IRRIGATION CANAL
Diverted from Platte River and Sutherland
Reservoir

Date	Apr.	May	June	July	Aug.	Sept.
1	0	136	0	s 70	0	0
2	0	118	0	s 72	0	0
3	0	114	0	s 17	0	0
4	0	111	0	0	0	0
5	0	112	0	0	0	0
6	0	117	0	0	0	0
7	0	107	0	0	0	0
8	0	131	0	0	0	0
9	0	75	0	0	0	0
10	0	83	0	0	0	0
11	0	54	0	0	0	0
12	0	53	0	0	0	0
13	0	52	0	0	0	0
14	54	53	0	0	0	0
15	54	54	0	0	0	0
16	77	54	0	0	0	0
17	77	54	0	0	0	0
18	78	53	25	s 21	0	0
19	78	49	60	s 40	0	0
20	145	25	61	s 42	0	0
21	114	12	30	s168	0	0
22	123	0	33	s 73	0	0
23	128	0	71	s 69	0	0
24	142	0	9	s 53	0	0
25	169	0	1	s 71	1	0
26	168	0	0	0	33	0
27	171	0	0	0	26	0
28	148	0	0	0	24	0
29	140	0	0	0	12	0
30	141	0	s 20	s 25	0	0
31	-----	0	-----	s 6	0	-----
Mean	66	52	10	23	3	0
Max.	171	136	61	168	33	0
Min.	0	0	0	0	0	0
A. F.	3981	3207	615	1442	190	0

s 1482 acre-feet Sutherland storage water.

GOTHENBURG IRRIGATION CANAL
SUMMARY IN ACRE-FEET

	Apr.	May	June	July	Aug.	Sept.	Total
Gothenburg Diversion	3981	3207	615	1442	190	0	9435
Waste to Buffalo Creek.....	127	577	111	0	0	0	815
Net for Irrigation.....	3854	2630	504	1442	190	0	8620
Area reported 17820 acres.							
Water used 8620 A. F.							
Per acre 0.48 A. F.							

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1926—Continued

GRAF CANAL									
Diverted from Blue Creek and Crescent Lake—A-1575									
Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	20	9	0	0	20	1	0	0	
2	20	9	0	0	13	0	0	0	
3	20	9	0	0	18	0	0	0	
4	20	9	0	0	6	2	0	0	
5	20	9	0	0	6	3	22	0	
6	20	9	0	0	5	3	16	0	
7	20	9	0	0	4	2	20	0	
8	20	9	0	0	4	1	22	0	
9	20	9	0	0	7	1	25	0	
10	20	9	0	0	0	1	21	0	
11	12	0	0	0	5	0	0	0	
12	12	0	0	0	4	0	0	5	
13	12	0	0	0	5	0	0	5	
14	12	0	0	0	5	0	0	5	
15	12	0	0	0	20	0	0	5	
16	12	0	0	0	10	0	25	0	
17	12	0	0	0	7	0	22	4	
18	12	0	0	0	10	17	18	4	
19	12	0	0	0	13	7	18	4	
20	12	0	0	0	15	0	0	4	
21	19	0	0	0	11	0	7	17	
22	19	0	0	0	18	0	30	21	
23	19	0	0	14	15	0	36	17	
24	19	0	0	14	5	0	29	18	
25	10	0	0	11	5	0	31	17	
26	9	0	0	19	5	0	36	17	
27	9	0	0	13	5	0	35	17	
28	9	0	0	20	1	0	36	18	
29	9	0	0	30	1	0	0	16	
30	9	0	0	24	1	0	0	25	
31	9	0	0	22	0	0	0	0	
Mean	14	3	0	5	8	1	14	7	
Max.	20	9	0	30	20	17	36	25	
Min.	9	0	0	0	0	0	0	0	
A. F.	841	178	0	331	478	75	861	434	
Area reported 2075 acres									
Water used Blue Creek				3033 A.F.	D-7631	85 acres			
Water used Crescent Lake				165 A.F.	D-788	1000 acres			
Total				3198 A.F.	Total	2075 acres			
Per acre 1.51 A. F.									

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
HOLLINGSWORTH CANAL
 Diverted from South Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	15	0	10	0	13	6	7
2	15	0	10	0	10	6	7
3	15	0	8	0	7	5	7
4	15	0	8	0	5	5	6
5	15	0	6	4	5	6	7
6	15	0	6	4	5	6	7
7	15	0	7	5	7	6	7
8	15	0	0	6	7	6	7
9	15	0	0	6	7	11	7
10	15	0	6	6	6	11	7
11	13	0	6	6	6	11	7
12	13	0	6	6	6	9	7
13	13	0	6	6	7	8	7
14	13	5	6	5	7	9	0
15	13	0	6	5	6	9	7
16	10	5	5	5	6	10	6
17	10	5	0	5	6	10	6
18	10	5	0	5	6	8	7
19	10	4	5	8	6	8	6
20	10	4	4	13	5	8	6
21	0	4	4	13	6	9	6
22	0	4	4	16	5	8	6
23	0	4	4	16	6	10	7
24	0	1	1	16	5	10	7
25	0	5	4	13	6	10	7
26	0	5	1	13	5	8	7
27	0	4	1	10	5	8	7
28	0	10	4	8	6	8	7
29	0	10	1	8	6	8	7
30	0	8	4	13	5	8	7
31	0	-----	4	-----	5	8	-----
Mean	8	3	5	7	6	8	6
Max.	15	10	10	16	13	11	7
Min.	0	0	0	0	5	5	0
A. F.	525	170	295	438	383	502	389

Area reported 363 acres

Water used 2702 A. F.

Per acre 7.45 A. F.

DISCHARGE OF CANALS IN SECOND FEET, 1936—Continued

HURLEY-LILLY-POLLY CANAL

HOOPER CANAL								Diverter from Lodgepole Creek				
Diverter from Blue Creek and Crescent Lake—A-1575												
Date	Oct.	Apr.	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1	11	0	16	6	0	12	0	0.0	3.4	0.0	4.0	2.7
2	11	0	6	7	0	12	0	0.0	3.1	0.0	3.0	2.3
3	11	0	4	0	0	14	0	0.0	3.1	0.0	3.0	1.8
4	11	0	4	0	10	16	0	0.0	3.4	0.0	3.0	1.7
5	11	0	8	0	10	14	0	0.0	3.1	4.8	6.0	1.5
6	13	0	12	0	11	11	0	0.0	2.0	3.4	6.0	2.8
7	13	0	12	0	0	14	12	0.0	2.0	2.8	2.8	3.3
8	13	0	0	0	0	12	11	0.0	2.0	2.9	2.9	2.6
9	13	0	0	0	0	12	11	0.0	2.0	5.9	2.8	1.8
10	13	0	0	0	0	12	0	0.0	2.0	6.0	2.8	1.8
11	13	0	0	0	0	0	0	0.0	2.0	6.0	2.8	1.9
12	13	0	14	0	0	0	0	0.0	2.0	4.0	3.4	2.0
13	13	0	14	0	0	0	0	0.0	2.0	3.4	3.4	1.8
14	13	0	12	0	0	0	0	0.0	2.0	3.4	3.8	1.9
15	13	0	16	0	0	0	0	0.0	2.0	2.9	3.8	1.9
16	10	0	12	12	0	9	0	3.0	1.5	5.8	3.8	1.6
17	10	0	10	12	0	0	0	3.0	1.5	2.4	3.5	1.6
18	10	0	12	13	0	0	0	3.0	1.5	2.7	3.8	1.6
19	10	0	10	12	0	0	0	3.0	1.5	2.7	3.8	2.0
20	10	0	9	11	0	0	19	3.0	1.5	2.8	3.8	2.0
21	10	0	8	12	9	20	14	3.0	1.5	2.7	3.8	2.0
22	10	0	9	11	10	14	12	3.0	1.5	2.7	4.0	2.8
23	10	0	6	11	0	11	12	3.0	1.5	2.5	3.8	2.6
24	10	0	11	12	0	16	5	3.0	1.5	1.7	3.5	2.8
25	10	11	11	12	0	14	11	3.0	1.5	1.7	4.0	2.0
26	4	2	10	14	0	9	11	4.0	1.5	1.8	2.8	2.0
27	4	0	11	0	0	16	11	4.0	1.5	1.5	2.8	2.0
28	4	12	10	0	0	14	13	3.4	1.5	2.1	2.8	2.0
29	4	12	14	0	0	0	11	3.4	1.5	1.7	2.8	2.0
30	4	13	13	0	0	0	13	3.1	1.5	2.1	2.8	2.0
31	4	.....	11	.....	12	0	.....	3.4	.....	4.4	2.9	.....
Mean	10	2	9	4	2	8	6	1.6	2.0	2.8	3.8	2.1
Max.	13	13	16	14	12	20	19	4.0	2.0	5.9	6.0	3.3
Min.	4	0	0	0	0	0	0	0.0	1.5	0.0	2.8	1.5
A. F.	613	99	565	288	123	482	337	101.0	121.0	172.0	234.0	124.0
Area reported 877 acres								Area reported 180 acres				
Water used Blue Creek 2507 A.F. D-781 858 acres								Water used 752 A. F.				
Water used Crescent Lake 0 A.F. D-788 19 acres								Per acre 4.17 A. F.				
Total 2507 A.F. Total 877 acres												
Per acre 2.86 A. F.												

DEPARTMENT OF ROADS AND IRRIGATION

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DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

INTERSTATE CANAL
Diverted from North Platte River, Pathfinder
and Guernsey Reservoirs

Date	Apr.	May	June	July	Aug.	Sept.
1	0	1058	1532	1690	1343	1460
2	0	1080	1555	1670	1316	1490
3	0	1112	1520	1658	1335	1485
4	0	1145	1470	1603	1276	1400
5	220	1203	1301	1510	1190	1450
6	400	1257	1135	1521	1127	1460
7	410	1281	1030	1493	1083	1140
8	455	1313	925	1434	1050	606
9	570	1281	882	1404	1094	65
10	690	1280	729	1419	1200	0
11	730	1334	703	1460	1300	0
12	750	1423	696	1432	1463	0
13	650	1530	702	1390	1610	0
14	579	1634	702	1323	1690	0
15	553	1784	703	1275	1626	0
16	602	1782	703	1275	1582	0
17	753	1787	727	1275	1613	0
18	806	1770	868	1275	1593	0
19	810	1796	1009	1313	1554	0
20	817	1872	1327	1387	1530	0
21	890	1928	1601	1420	1502	0
22	913	1940	1737	1409	1437	0
23	905	1916	1746	1400	1425	0
24	940	1850	1782	1380	1458	0
25	960	1818	1801	1379	1492	0
26	991	1828	1800	1377	1488	0
27	983	1809	1780	1360	1466	0
28	992	1778	1758	1354	1435	0
29	986	1725	1732	1409	1413	0
30	1014	1580	1712	1425	1408	0
31	.....	1513	.....	1380	1430	.....
Mean	646	1562	1257	1423	1401	352
Max.	1014	1940	1861	1690	1680	1490
Min.	0	1058	696	1275	1050	0
A. F.	38420	96050	74830	87510	86320	20940

Estimated 110,012 acres irrigated including

North Platte Colonization Company acreage.

Water used 404,070 A. F.

Per acre 3.67 A. F.

KEARNEY CANAL

Diverted from Platte River

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	*	0	391	376	10	0	0
2	.....	0	372	482	7	14	0
3	.....	0	415	175	6	10	0
4	.....	36	377	188	6	0	0
5	.....	36	356	303	5	0	0
6	.....	2	177	406	6	11	0
7	.....	221	122	406	4	20	0
8	*	406	387	372	2	21	0
9	406	220	361	452	0	20	0
10	376	387	317	413	0	13	0
11	421	356	318	340	0	11	0
12	362	359	379	318	0	27	0
13	376	303	310	317	0	0	0
14	406	333	333	261	0	0	0
15	406	191	383	195	0	0	0
16	376	224	362	91	0	0	0
17	333	146	341	54	0	0	0
18	347	125	250	38	0	0	0
19	362	96	199	30	0	0	0
20	333	58	157	42	0	0	0
21	317	39	125	27	0	0	0
22	362	39	85	20	0	0	0
23	*	41	310	15	0	0	0
24	.....	122	369	15	0	0	0
25	.....	309	383	22	0	0	0
26	.....	391	357	21	0	0	0
27	.....	365	333	13	0	0	0
28	.....	413	292	11	0	0	0
29	*	463	227	9	0	0	0
30	221	406	325	8	0	0	0
31	76	.....	376	.....	0	0	0
Mean	.....	202	308	181	1	4	0
Max.	.....	413	415	482	10	27	0
Min.	.....	0	85	8	0	0	0
A. F.	.....	12073	15999	10762	91	245	.....

*No record.

DEPARTMENT OF ROADS AND IRRIGATION

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

KEITH LINCOLN COUNTY CANAL

Diverted from North Platte River

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	100	45	0	33	75	0	91	0
2	100	45	0	8	31	0	61	0
3	102	45	0	22	48	0	77	0
4	100	45	0	21	59	0	112	0
5	100	45	0	51	35	0	99	25
6	80	40	0	13	31	0	85	77
7	80	49	0	60	35	0	97	81
8	80	40	0	38	37	0	86	84
9	80	40	0	22	23	0	76	36
10	80	40	0	56	6	0	21	0
11	75	20	45	31	4	0	2	0
12	75	20	15	14	31	0	0	0
13	75	20	45	53	23	0	0	0
14	75	20	15	79	12	0	0	10
15	75	20	45	42	49	0	0	10
16	45	0	40	35	67	44	0	10
17	45	0	39	43	82	63	0	10
18	45	0	86	45	90	68	0	17
19	45	0	36	40	79	58	40	49
20	45	0	51	39	77	81	91	91
21	45	0	38	63	69	91	113	91
22	45	0	44	49	40	53	97	90
23	45	0	41	40	8	0	91	81
24	45	0	63	35	0	0	68	36
25	45	0	8	49	0	0	58	6
26	45	0	51	40	0	58	55	15
27	45	0	40	23	0	2	53	55
28	45	0	40	22	0	0	33	84
29	45	0	36	75	0	0	4	97
30	45	0	43	50	0	73	0	100
31	45	0	0	58	0	111	0	0
Mean	65	17	29	42	33	23	49	38
Max.	102	45	86	75	90	91	113	100
Min.	45	0	0	8	0	0	0	0
A. F.	3961	1011	1753	2596	2011	1398	3001	2305

Area reported 6402 acres

Water used 18066 A. F.

Per acre 2.81 A. F.

KEYSTONE CANAL

Diverted from White Tail Creek

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	0	0	0	0	0
2	7	0	0	0	0	0	0
3	7	0	0	0	0	0	0
4	7	0	0	0	0	8	0
5	7	0	0	0	0	8	3
6	7	0	1	8	0	8	0
7	7	0	4	8	0	8	0
8	7	0	0	9	0	9	0
9	7	0	0	9	0	8	0
10	7	0	0	0	0	5	0
11	7	0	0	0	0	0	2
12	7	0	0	0	0	0	0
13	7	0	0	0	0	0	0
14	7	0	0	0	0	0	0
15	7	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	5	0	0	0
18	0	0	0	5	0	0	0
19	0	0	0	8	0	0	0
20	0	0	0	8	0	0	0
21	0	0	0	8	0	8	0
22	0	0	0	0	0	8	0
23	0	0	0	0	0	8	0
24	0	0	0	0	0	8	0
25	0	0	0	0	0	8	0
26	0	0	0	0	0	8	0
27	0	0	0	0	0	8	0
28	0	0	0	0	0	8	0
29	0	0	0	0	0	0	0
30	0	0	8	0	8	0	0
31	0	0	10	0	9	0	0
Mean	3	0	1	2	0.5	4	0.2
Max.	7	0	10	9	9.0	9	3.0
Min.	0	0	0	0	0.0	0	0.0
A. F.	208	0	52	135	31.0	210	10.0

Area reported 2475 acres

Water used 679 A. F.

Per acre 0.27

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

KIMBALL CANAL, NORTH							KIMBALL CANAL, SOUTH				
Diverted from Lodgepole Creek and Oliver Reservoir							Diverted from Lodgepole Creek and Oliver Reservoir				
Date	May	June	July	Aug.	Sept.		May	June	July	Aug.	Sept.
1	0	0	30	11	0		0	0	60	35	0
2	0	0	24	10	0		0	0	56	0	0
3	0	0	0	0	0		0	0	56	0	0
4	0	0	0	0	0		0	0	57	0	0
5	0	0	0	0	0		0	0	58	0	0
6	0	0	0	0	0		0	0	58	0	0
7	0	0	0	0	0		0	0	59	0	0
8	0	0	16	0	0		0	0	57	0	0
9	0	0	17	0	0		0	0	58	0	0
10	0	0	18	0	0		0	0	45	0	0
11	0	0	19	0	0		0	0	34	0	0
12	0	0	0	0	0		0	0	0	0	33
13	0	0	0	0	23		0	0	0	0	38
14	0	0	11	0	23		0	0	0	0	39
15	0	0	22	0	23		0	0	0	0	42
16	0	0	20	0	21		0	0	0	0	41
17	0	0	18	18	0		0	0	0	39	0
18	0	0	13	18	0		0	0	0	42	0
19	0	0	0	20	0		0	0	0	42	0
20	0	0	7	22	0		0	0	46	43	0
21	0	0	9	19	0		0	0	40	44	0
22	0	0	12	6	0		0	0	48	28	0
23	0	0	12	0	0		0	0	48	7	0
24	0	0	12	0	0		0	0	47	0	0
25	0	0	14	0	0		0	0	44	0	0
26	0	0	12	0	0		0	0	38	0	0
27	22	0	11	0	0		40	37	31	0	0
28	23	8	15	0	0		44	45	44	0	0
29	24	12	18	0	0		48	51	43	0	0
30	0	12	15	0	0		40	53	37	0	0
31	0	-----	12	0	-----		0	-----	46	0	-----
Mean	2	1	12	5	3		6	6	36	9	6
Max.	24	12	30	22	23		48	53	60	41	42
Min.	0	0	0	0	0		0	0	0	0	0
A. F.	137	63	694	289	178		341	369	2220	553	383
Water used	1361	A. F.							3866	A. F.	

KIMBALL CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
North Canal	137	63	694	289	178	1361
South Canal	341	369	2220	553	383	3866
Total.....	478	432	2914	842	561	5227

Area reported 4505 acres
Water used 5227 A. F.
Per acre 1.16 A. F.

	A-Ft.	A.Ft.
Oliver Reservoir storage October 1, 1935.....	790	-----
Maximum storage May 16, 1936.....	-----	4750
Inflow during irrigation season.....	-----	1865
Total supply.....	-----	6715
Total diversion for irrigation.....	5227	-----
Estimated evaporation and seepage loss.....	1200	-----
Oliver Reservoir storage Sept. 17, 1936.....	100	-----
Unaccounted for	188	-----
Total.....	6715	6715

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

KINNEY CANAL, SOUTH Diverted from Lodgepole Creek						KINNEY CANAL, NORTH Diverted from Lodgepole Creek				
Date	May	June	July	Aug.	Sept.	May	June	July	Aug.	Sept.
1			3	4	4			1	1	0
2			1	3	4			3	1	0
3			1	3	2			3	1	0
4			1	3	6			3	1	0
5			1	3	0			3	1	0
6			3	3	1			2	1	0
7			2	4	4			2	1	0
8			2	4	4			2	1	0
9			4	3	3			2	1	0
10			4	2	3			2	1	0
11			3	3	3			3	1	0
12			3	3	3			3	0	0
13			3	1	3			2	0	0
14			2	1	4			1	0	0
15			2	1	4			1	0	0
16			2	1	2			1	0	0
17			2	3	2			1	0	0
18			2	3	2			1	0	0
19			2	4	2			1	0	0
20			2	4	2			0	0	0
21			2	4	2			0	0	0
22			4	2	2			0	0	0
23			4	2	2			0	0	0
24			4	4	2			0	0	0
25			4	4	2			0	0	0
26			3	4	2			0	0	0
27			3	4	2			0	0	0
28			3	1	2			0	0	0
29			4	1	2			0	0	0
30			2	2	2			0	0	0
31			2	4	2		*	0	0	0
Mean			2	3	2			1	0.3	0
Max.			4	4	4			3	1.0	0
Min.			1	1	0			0	0.0	0
A. F.		*	157	174	143			71	20.0	0
Water used	474	A. F.						91	A. F.	
*No record.			*No record.							

KINNEY CANAL
SUMMARY IN ACRE-FEET

	May	June	July	Aug.	Sept.	Total
Kinney Canal, South	*	*	157	174	143	474
Kinney Canal, North			71	20	0	91
Total			228	194	143	565
Area reported	394 acres					
Water used	565 A. F.					
Per acre	1.43 A. F.					
	Acreage Reports					
	A-718					107 acres
	D-348					154 acres
	D-315					133 acres
	Total					394

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	LAST CHANCE CANAL							
	Diverted from Pumpkinseed Creek							
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	7	7	0	8	9	0	0	0
2	7	7	0	6	9	0	0	0
3	7	7	0	11	9	0	0	0
4	7	7	0	11	9	0	0	0
5	7	7	0	11	9	0	7	8
6	7	7	0	11	8	0	7	8
7	7	7	0	11	8	0	8	8
8	7	7	0	0	8	0	8	8
9	7	7	0	0	8	0	7	8
10	7	7	0	0	9	0	8	0
11	7	6	0	0	9	0	7	0
12	7	6	0	0	10	0	0	0
13	7	6	0	9	10	0	0	0
14	7	6	0	9	8	0	0	0
15	7	6	0	9	7	0	0	0
16	8	6	0	9	9	0	0	0
17	8	6	0	9	11	0	0	0
18	8	6	0	9	11	0	0	0
19	8	6	0	9	11	0	0	0
20	8	6	0	9	10	0	0	0
21	8	0	0	9	10	0	0	8
22	8	0	0	9	10	0	0	8
23	8	0	0	9	10	0	6	8
24	8	0	0	9	4	0	7	0
25	8	0	3	9	4	0	7	0
26	8	0	3	9	1	0	8	0
27	8	0	4	9	0	0	8	0
28	8	0	1	9	6	0	8	0
29	8	0	6	9	0	0	0	8
30	8	0	6	9	0	0	0	8
31	8	.....	.....	9	.....	0	0	.....
Mean	7	6	1	8	7	0	3	2
Max.	8	7	6	11	11	0	8	8
Min.	7	0	0	0	0	0	0	0
A. F.	416	258	52	491	111	0	190	143
Area reported 452 acres								
Water used 2026 A. F.								
Per acre 4.50 A. F.								

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

LISCO CANAL

Date	Diverted from North Platte River						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	24	0	0	22	0	17	0
2	24	0	0	16	0	17	0
3	24	0	0	16	17	19	0
4	24	0	0	18	21	22	0
5	24	0	0	15	20	20	0
6	25	0	0	23	20	19	0
7	25	0	0	20	0	20	17
8	25	0	0	15	0	19	20
9	25	0	0	20	0	14	18
10	25	0	0	14	0	21	0
11	27	0	0	18	0	0	0
12	27	0	0	18	0	0	0
13	27	0	0	17	0	0	0
14	27	0	0	9	0	0	0
15	27	0	7	12	0	0	0
16	28	0	12	22	0	0	0
17	28	0	12	25	0	0	0
18	28	19	9	35	0	0	0
19	28	14	9	22	0	0	0
20	28	10	13	18	0	0	21
21	0	18	14	18	15	19	24
22	0	19	16	13	17	28	20
23	0	21	17	15	0	20	18
24	0	29	17	13	0	20	18
25	0	22	19	12	0	18	19
26	0	21	20	14	0	17	17
27	0	22	21	0	0	12	17
28	0	22	21	0	0	18	17
29	0	22	20	0	0	0	20
30	0	0	22	0	0	0	21
31	0	0	22	-----	17	0	-----
Mean	17	8	9	15	4	11	9
Max.	28	29	29	35	20	28	21
Min.	0	0	0	0	0	0	0
A. F.	1031	471	555	912	252	674	524
Area reported	2635 acres			D-856	1391 acres		
Water used	4122 A. F.			D-787	394 acres		
Per acre	1.68 A. F.			A-243	635 acres		
				A-991	215 acres		
				Total	2635 acres		

DIVERSIONS BY LISCO CANAL
SUMMARY IN ACRE-FEET

Diverted from	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	Total
N. Platte River.....	1031	0	471	555	912	25	674	524	4122
From Cold Water Creek.....	246	238	248	202	113	12	55	59	1113
Total.....	1277	238	692	737	1025	264	729	583	5565
Area reported	2935 acres								
Water used	5565 A. F.								
Per acre	1.90 A. F.								
						Acreage Reports			
						D-787	394 acres		
						D-796	300 acres		
						D-856	1391 acres		
						A-243	635 acres		
						A-991	215 acres		
						Total	2935 acres		

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

LOGAN CANAL							
Date	Diverted from North Platte River						
	Apr.	May	June	July	Aug.	Sept.	
1	0	1	1	2	2		1
2	0	1	1	2	3		1
3	0	1	1	2	3		1
4	0	1	1	2	3		1
5	0	1	1	2	3		1
6	0	1	1	2	3		1
7	0	1	1	2	3		1
8	0	1	1	2	1		1
9	0	1	1	2	1		1
10	0	1	1	2	1		1
11	0	1	1	2	1		1
12	0	1	1	2	1		1
13	0	1	1	2	1		1
14	0	1	1	2	1		1
15	0	1	1	2	1		1
16	0	1	2	1	1		1
17	0	1	2	1	1		1
18	0	1	2	1	1		1
19	0	1	2	1	1		1
20	0	1	2	1	1		1
21	0	1	2	1	1		0
22	0	1	2	1	1		0
23	0	1	2	1	1		0
24	0	1	2	1	1		0
25	0	1	2	1	1		0
26	0	1	2	1	1		0
27	0	1	2	1	1		0
28	0	1	2	1	1		0
29	0	1	2	1	1		0
30	0	1	2	1	1		0
31	-----	1	-----	1	1	-----	
Mean	0	1	1	1	1		0.7
Max.	0	1	2	2	3		1.0
Min.	0	1	1	1	1		0.0
A. F.	0	62	89	91	97		40.0

Area reported 160 acres
 Water used 379 A. F.
 Per acre 2.37 A. F.

LONERGAN CANAL							
Date	Diverted from Longeran Creek						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	8	2	4	3	5
2	3	0	8	2	5	3	4
3	3	0	8	2	5	3	4
4	3	0	4	2	5	3	0
5	3	0	4	2	3	3	0
6	3	0	4	4	3	3	0
7	3	0	5	4	4	3	0
8	3	0	5	4	4	3	1
9	3	0	5	4	3	3	1
10	3	0	5	4	3	3	0
11	4	0	5	4	3	3	4
12	4	0	5	4	3	3	4
13	4	0	5	4	4	3	1
14	4	0	5	4	3	3	1
15	4	7	5	4	3	3	1
16	4	7	3	5	3	3	1
17	4	7	3	5	3	3	1
18	4	7	3	5	3	3	1
19	4	7	3	4	3	3	1
20	4	7	3	4	3	3	1
21	3	8	3	4	3	3	1
22	3	8	3	4	3	3	1
23	3	8	3	4	3	3	1
24	3	8	3	3	4	3	1
25	3	8	3	4	3	3	1
26	2	8	5	4	4	3	1
27	2	8	5	4	4	3	1
28	2	8	5	4	3	3	1
29	2	8	5	4	3	4	1
30	2	8	5	4	3	4	1
31	2	-----	3	-----	3	-----	
Mean	3	4	4	4	3	3	1
Max.	4	8	8	5	4	4	4
Min.	2	0	3	2	3	3	0
A. F.	188	238	276	222	210	190	81

Area reported 545 acres
 Water used 1405 A. F.
 Per acre 2.58 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
LYONS CANAL

Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	15	0	0	11	0	0	0
2	15	0	0	6	0	0	0
3	15	0	0	7	0	0	0
4	15	0	0	18	0	0	0
5	15	0	0	17	0	14	0
6	10	0	0	12	0	12	0
7	10	0	0	11	0	22	0
8	10	0	0	0	0	21	0
9	10	0	0	0	0	24	24
10	10	0	0	0	0	17	0
11	0	0	0	0	0	0	0
12	0	0	0	13	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	8	0	0	0
15	0	0	0	8	0	0	0
16	0	0	0	13	0	0	0
17	0	0	0	17	0	0	0
18	0	0	0	22	0	0	0
19	0	0	0	13	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	5	10	0	0	0
24	0	0	4	0	0	0	0
25	0	0	7	0	0	0	0
26	0	0	6	0	0	0	0
27	0	0	6	0	0	0	0
28	0	0	8	0	0	0	0
29	0	0	11	0	0	0	35
30	0	0	11	0	0	0	76
31	0	.....	11	.....	0	0	.....
Mean	4	0	3	6	0	4	3
Max.	15	0	11	18	0	24	36
Min.	0	0	0	0	0	0	0
A. F.	248	0	137	369	0	218	188

Area reported 2304 acres
 Water used 1160 A. F.
 Per acre 1.99 A. F.

MEEKER CANAL

Diverted from Republican River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	10	6	0	0	28	24	20
2	10	6	15	0	34	26	20
3	10	6	15	0	34	28	21
4	10	6	15	0	32	28	23
5	10	6	15	0	32	29	23
6	10	6	15	0	16	28	25
7	10	6	15	0	34	39	20
8	10	6	15	0	28	51	23
9	10	6	15	0	29	31	23
10	10	6	0	0	38	21	23
11	8	8	0	0	21	17	22
12	8	8	0	11	25	31	23
13	8	8	0	15	28	34	25
14	8	8	0	11	25	23	23
15	8	8	24	11	24	28	18
16	8	8	0	14	24	28	23
17	8	8	0	9	23	25	25
18	8	8	0	15	23	23	24
19	8	8	0	25	24	20	23
20	8	8	0	32	21	20	24
21	8	3	0	28	24	24	23
22	8	3	15	31	28	26	23
23	8	3	29	28	28	43	22
24	8	3	15	31	25	34	23
25	8	3	17	25	20	25	17
26	8	3	17	31	20	23	24
27	8	3	23	28	20	8	26
28	8	3	23	12	23	17	31
29	8	3	23	31	22	20	23
30	8	3	20	31	17	24	28
31	8	.....	0	.....	29	20	.....
Mean	9	6	10	14	26	26	23
Max.	10	8	24	32	34	51	31
Min.	8	3	0	9	16	8	17
A. F.	532	337	629	831	1577	1622	1416

Area reported 2890 acres
 Water used 6075 A. F.
 Per acre 2.10 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

MEREDITH-AMMER CANAL

Diverted from Pumpkinseed Creek

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	5	0	2	9	1	1	0
2	5	0	1	8	1	1	0
3	5	0	1	13	5	1	0
4	4	0	1	13	10	6	0
5	1	0	1	12	9	13	5
6	1	0	4	13	6	13	5
7	1	0	6	9	1	12	6
8	1	0	6	9	1	11	4
9	1	0	2	8	1	11	4
10	1	0	2	7	1	5	2
11	1	0	3	6	1	2	1
12	0	0	6	9	1	1	1
13	0	0	4	9	1	1	1
14	0	0	1	9	0	1	0
15	0	0	4	9	0	1	0
16	0	0	4	10	0	1	0
17	0	0	4	10	0	1	0
18	0	0	5	9	0	1	0
19	0	4	6	9	0	0	4
20	0	4	6	10	0	0	4
21	0	4	6	11	4	9	4
22	0	4	4	13	4	9	4
23	0	3	9	16	1	10	9
24	0	3	9	15	1	11	5
25	0	2	6	13	1	12	5
26	0	2	9	13	1	12	6
27	0	2	10	5	1	9	0
28	0	2	10	1	1	6	0
29	0	2	10	1	1	9	0
30	0	2	13	1	3	0	0
31	0	-----	10	-----	9	0	-----
Mean	1	1	5	9	2	6	2
Max.	5	4	13	16	10	13	9
Min.	0	0	1	1	0	0	0
A. F.	32	67	331	555	131	337	151

Area reported 981 acres

Water used 1624 A. F.

Per acre 1.65 A. F.

MIDLAND-OVERLAND CANAL

Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	21	0	0	17	0	0	0
2	21	0	0	21	0	0	0
3	21	0	0	21	0	0	0
4	21	0	0	21	0	0	0
5	21	0	0	17	0	12	0
6	16	0	0	13	0	22	0
7	16	0	0	16	0	22	0
8	16	0	0	8	0	2	0
9	16	0	0	8	0	21	19
10	16	0	0	8	0	16	20
11	10	0	0	9	0	0	0
12	10	0	20	5	0	0	0
13	10	0	21	5	0	0	0
14	10	0	20	5	0	0	0
15	10	0	19	16	0	0	0
16	7	0	15	15	0	0	0
17	7	0	15	9	0	0	0
18	7	0	19	5	0	0	0
19	7	0	22	0	0	0	0
20	7	0	22	0	0	0	0
21	7	0	18	14	0	0	0
22	7	0	19	10	0	0	0
23	7	0	17	7	0	0	0
24	7	0	21	3	0	0	0
25	7	0	14	0	0	0	0
26	0	0	8	0	0	0	0
27	0	0	4	0	0	0	0
28	0	0	21	0	0	0	0
29	0	0	22	0	0	0	18
30	0	0	22	0	0	0	15
31	0	-----	19	-----	0	0	-----
Mean	10	0	12	8	0	3	2
Max.	21	0	22	21	0	22	18
Min.	0	0	0	0	0	0	0
A. F.	605	0	710	502	0	188	143
Area reported	2083	acres		D-780	989	acres	
Water used	2148	A. F.		D-791	1104	acres	
Per acre	1.03	A. F.					
Total					2083	acres	

DEPARTMENT OF ROADS AND IRRIGATION

DISCHARGE OF CANALS IN SECOND-FEET, 1926—Continued

MINATARE CANAL

Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	25	0	0	108	106	73	68
2	25	0	0	105	100	18	66
3	25	0	0	102	118	17	60
4	25	0	0	108	99	16	65
5	25	0	0	96	93	24	70
6	25	0	0	61	81	29	47
7	25	0	0	81	86	39	44
8	25	0	0	75	98	38	78
9	25	0	0	52	99	42	0
10	25	0	0	49	110	42	75
11	20	0	0	43	100	43	81
12	20	0	11	48	97	68	88
13	20	0	19	44	88	89	65
14	20	0	24	41	83	87	84
15	20	0	22	48	91	43	86
16	0	0	18	46	90	24	86
17	0	0	16	49	69	39	93
18	0	0	23	88	100	67	72
19	0	0	44	82	90	91	73
20	0	0	63	91	81	86	67
21	0	0	63	107	72	72	69
22	0	0	61	111	131	108	67
23	0	0	71	103	90	108	70
24	0	0	96	107	101	105	103
25	0	0	108	115	102	99	81
26	0	0	123	110	107	100	47
27	0	0	128	107	94	96	45
28	0	0	139	115	98	112	44
29	0	0	148	116	84	75	44
30	0	0	127	108	93	71	61
31	0	.....	122	.....	80	68	.....
Mean	11	0	46	83	95	64	66
Max.	25	0	148	116	131	112	103
Min.	0	0	0	41	69	16	0
A. F.	695	0	2831	4990	5825	3945	3965

Area reported 9202 acres
 Water used 22254 A. F.
 Per acre 2.41 A. F.

MITCHELL CANAL

Diverted from North Platte River

Date	Oct.	Nov.	Dec.	Apr.	May	June	July	Aug.	Sept.
1	150	160	128	0	81	200	183	4	152
2	150	160	128	0	101	201	199	4	152
3	150	160	128	0	115	198	195	2	152
4	150	160	128	0	122	199	194	2	150
5	150	160	128	0	112	171	193	75	39
6	150	160	100	0	147	142	192	118	6
7	150	160	100	0	160	130	193	181	5
8	150	160	100	0	193	112	190	216	4
9	150	160	100	0	195	73	190	217	4
10	150	160	100	0	162	70	189	213	4
11	150	160	0	0	162	68	40	168	4
12	150	160	0	0	164	63	0	103	4
13	150	160	0	0	163	52	0	109	3
14	150	160	0	0	166	49	0	112	3
15	150	160	0	0	163	51	0	29	3
16	150	160	0	0	166	56	85	3	3
17	150	160	0	0	168	73	161	2	3
18	150	160	0	0	193	101	175	2	3
19	150	160	0	0	190	105	196	2	2
20	150	160	0	0	193	120	201	2	2
21	157	169	0	0	189	151	200	2	2
22	157	160	0	0	188	171	191	2	2
23	157	160	0	0	187	201	50	2	2
24	157	160	0	0	190	198	8	2	2
25	157	160	0	0	196	182	7	2	2
26	160	160	0	0	195	188	7	2	1
27	160	160	0	0	196	187	6	2	1
28	160	160	0	0	196	188	6	2	1
29	160	160	0	55	196	192	5	156	1
30	160	160	0	72	198	190	4	156	1
31	160	.....	0	.....	190	.....	4	153	.....
Mean	153	160	37	4	158	136	116	66	22
Max.	160	160	128	72	199	201	201	217	152
Min.	150	160	0	0	0	49	0	2	0
A. F.	9412	9521	2261	252	10470	8109	6180	4056	1414

Area reported 13629 acres
 Water used 51975 A. F.
 Per acre 3.80 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	MUTUAL CANAL							
	Diverted from Pumpkinseed Creek							
	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	0	3	3	2	0	4	3	
2	0	3	3	4	0	3	3	
3	0	3	2	4	0	4	3	
4	0	3	2	5	4	4	3	
5	0	3	2	4	4	4	3	
6	0	3	2	3	4	4	3	
7	0	3	2	2	0	4	3	
8	0	3	1	1	0	4	3	
9	0	3	2	0	0	3	3	
10	0	3	1	0	0	3	3	
11	4	3	1	0	0	0	3	
12	4	3	1	0	0	0	3	
13	4	3	1	0	0	0	4	
14	4	3	1	0	0	0	4	
15	4	2	3	3	0	0	4	
16	4	2	3	3	0	0	4	
17	4	2	5	4	0	0	3	
18	4	2	3	4	0	0	3	
19	4	2	2	4	0	0	3	
20	4	2	2	4	0	0	3	
21	4	2	2	4	3	0	3	
22	4	3	2	5	3	0	3	
23	4	3	3	4	0	0	3	
24	4	3	3	4	0	0	3	
25	4	3	3	4	0	0	3	
26	0	3	3	4	0	0	3	
27	0	3	4	4	0	3	3	
28	0	3	5	4	0	3	3	
29	0	3	6	4	0	3	3	
30	0	3	4	0	0	3	3	
31	0	.....	1	.....	3	3	.....
Mean	2	3	3	3	0.7	2	3	
Max.	4	3	6	5	4.0	4	4	
Min.	0	2	1	0	0.0	0	3	
A. F.	119	165	155	167	42.0	103	186	
Area reported	455 acres							
Water used	937 A. F.							
Per acre	2.06							

Date	NINE MILE CANAL							
	Diverted from North Platte River							
	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	0	0	13	100	0	0	0	
2	72	0	11	100	0	0	0	
3	72	0	13	100	39	0	0	
4	72	0	11	108	36	0	0	
5	72	0	78	43	42	98	43	
6	60	0	5	49	23	94	82	
7	60	0	2	64	0	87	70	
8	60	0	8	72	0	83	61	
9	60	0	0	58	0	102	40	
10	60	0	0	47	0	89	0	
11	50	0	0	30	0	64	0	
12	50	0	48	15	0	55	0	
13	50	0	48	11	0	0	0	
14	50	0	37	5	0	2	0	
15	53	0	33	77	0	2	0	
16	60	0	32	68	0	0	0	
17	63	0	32	55	0	0	8	
18	63	0	24	66	0	0	8	
19	63	0	18	70	0	0	0	
20	56	0	17	68	0	0	56	
21	43	0	30	68	0	0	54	
22	36	0	19	68	0	0	52	
23	34	0	20	60	0	0	53	
24	34	0	19	60	0	0	52	
25	0	0	34	78	0	0	49	
26	0	0	38	104	0	0	58	
27	0	0	42	124	0	0	86	
28	0	0	47	0	0	0	83	
29	0	0	40	0	0	0	85	
30	0	21	88	0	0	0	36	
31	0	.....	93	.....	0	0	.....
Mean	42	0.7	29	55	4	22	32	
Max.	72	21.0	93	124	42	102	82	
Min.	0	0.0	0	0	0	0	0	
A. F.	2565	42.0	1785	3507	278	1341	1934	
Area reported	5913 acres							
Water used	11452 A. F.							
Per acre	1.93							

NORTHPORT CANAL
Diverted from North Platte River and
Pathfinder Reservoir
Measurements Made at Red Willow
Rating Flume

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	176	205	190	127
2	0	0	180	201	201	134
3	0	0	171	196	194	143
4	0	0	172	198	210	184
5	0	0	180	191	207	171
6	0	0	188	199	142	0
7	0	0	206	198	0	0
8	0	0	228	200	0	0
9	0	0	170	198	113	0
10	41	0	107	200	91	0
11	118	67	85	195	35	0
12	119	157	85	204	0	0
13	153	95	104	204	15	0
14	115	30	136	200	105	0
15	105	32	129	204	120	0
16	0	30	131	200	110	0
17	0	30	120	207	113	0
18	0	15	159	201	118	0
19	0	0	148	192	170	0
20	0	10	125	192	166	0
21	0	62	122	200	169	0
22	0	128	118	199	143	0
23	0	171	135	204	150	0
24	0	188	167	207	139	0
25	0	182	164	210	137	0
26	0	178	178	211	144	0
27	0	180	176	208	110	0
28	0	183	181	210	137	0
29	0	188	192	211	162	0
30	0	182	202	200	188	0
31	0	181	.....	201	136	.....
Mean	21	74	151	202	127	25
Max.	153	181	202	211	210	184
Min.	0	0	85	192	0	0
A. F.	1291	1546	9193	12395	7765	1511
Area reported 16135 acres						
Water used 26701 A. F.						
Per acre 2.27 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
 ORCHARD-ALFALFA CANAL
 Diverted from Platte River and
 Sutherland Reservoir

Date	Apr.	May	June	July	Aug.	Sept.
1	0	38	0	s 9	s10	0
2	0	56	0	s16	s41	0
3	0	36	0	0	s41	0
4	0	43	0	0	s31	0
5	0	29	0	0	s 4	0
6	0	15	0	0	0	0
7	0	35	0	0	0	0
8	0	56	0	0	0	0
9	0	45	0	0	0	0
10	0	40	0	0	0	0
11	0	37	0	0	0	0
12	0	63	0	0	0	0
13	0	31	0	0	0	0
14	31	32	0	0	0	0
15	23	38	0	0	0	0
16	16	31	0	0	0	0
17	13	29	0	0	0	0
18	14	37	0	s 9	0	0
19	7	32	0	s13	0	0
20	0	17	0	s16	0	0
21	0	13	0	s20	0	0
22	21	14	0	s17	0	0
23	26	0	0	s18	0	0
24	61	0	0	s23	0	0
25	62	0	0	0	0	0
26	45	0	0	0	0	0
27	40	0	0	0	0	0
28	49	0	0	0	0	0
29	48	0	0	0	0	0
30	35	0	0	0	0	0
31	-----	0	-----	0	0	-----
Mean	16	25	0	5	4	0
Max.	62	56	0	23	41	0
Min.	0	0	0	0	0	0
A. F.	980	1521	0	280	252	0

Area reported 3970 acres
 Water used 3663 A. F.
 Per acre 0.51 A. F.

s 532 acre-feet Sutherland storage water
 OSHKOSH CANAL
 Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	0	2	0	0	0
2	7	0	0	2	0	0	0
3	7	0	0	2	0	0	0
4	7	0	0	2	0	4	0
5	7	0	0	3	0	5	0
6	7	0	0	0	0	12	0
7	7	0	0	0	0	10	0
8	7	0	0	0	0	10	0
9	7	0	0	0	0	7	13
10	7	0	0	0	0	5	0
11	15	0	0	5	0	0	0
12	15	0	0	5	0	0	0
13	15	0	0	5	0	0	0
14	15	0	0	5	0	0	0
15	15	0	0	5	0	0	0
16	22	0	0	4	0	0	0
17	22	0	0	4	0	0	0
18	22	0	0	2	0	0	0
19	22	0	0	2	0	0	0
20	22	0	0	2	0	0	0
21	10	0	0	2	0	0	0
22	10	0	0	7	0	0	0
23	10	0	0	6	0	0	0
24	10	0	0	0	0	0	0
25	10	0	0	0	0	0	0
26	0	0	5	0	0	0	0
27	0	0	5	0	0	0	0
28	0	0	5	0	0	0	0
29	0	0	5	0	0	0	0
30	0	0	5	0	0	0	0
31	0	-----	2	-----	0	0	-----
Mean	10	0	1	2	0	2	0.4
Max.	22	0	5	7	0	12	13.0
Min.	0	0	0	0	0	0	0.0
A. F.	605	0	54	129	0	105	26.0

Area reported 2860 acres
 Water used 919 A. F.
 Per acre 0.32 A. F.

D-797 2678 acres
 A-243 182 acres

Total 2860 acres

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

PAISLEY CANAL

Diverted from Blue Creek and Crescent Lake—A-1575

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	15	10	0	12	13	0	0	5
2	15	10	0	12	13	0	0	5
3	15	10	0	12	13	0	0	5
4	15	10	0	12	13	0	0	5
5	15	10	0	12	12	0	10	5
6	15	5	0	12	11	0	13	0
7	15	5	0	12	12	0	0	4
8	15	5	0	0	7	0	0	4
9	15	5	0	0	0	0	0	4
10	15	5	0	0	0	0	0	4
11	11	0	0	0	0	0	0	4
12	11	0	0	12	7	0	0	4
13	14	0	0	12	7	0	0	4
14	14	0	0	12	7	0	0	4
15	14	0	0	12	15	0	14	4
16	11	0	0	12	16	0	15	4
17	14	0	0	12	11	0	13	4
18	11	0	0	10	10	0	8	4
19	11	0	0	10	0	0	0	4
20	14	0	0	11	0	0	0	4
21	14	0	0	12	0	0	0	4
22	14	0	0	12	0	0	13	0
23	11	0	0	13	0	0	12	0
24	14	0	0	13	0	0	12	0
25	14	0	10	12	0	0	10	0
26	11	0	10	12	0	0	8	0
27	14	0	12	11	0	0	10	0
28	11	0	12	11	0	0	10	0
29	11	0	12	12	0	0	8	0
30	11	0	13	12	0	0	8	0
31	14	.....	.....	12	.....	0	7	.....
Mean	14	2	2	10	5	0	5	3
Max.	15	10	13	13	16	0	15	5
Min.	14	0	0	0	0	0	0	0
A. F.	853	149	137	633	331	0	339	168
Area reported	1199 acres					A- 515	98 acres	
Water used Blue Creek	2177 A.F.					D- 800	873 acres	
Water used Crescent Lake	433 A.F.					A-1738	228 acres	
Total	2610 A.F.					Total	1199 acres	
Per acre	2.18 A. F.							

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

PATRICK CANAL

Diverted from Sand Creek

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	4	0
2	0	0	0	0	4	0
3	0	0	0	0	4	0
4	0	0	0	0	4	0
5	0	0	0	3	3	0
6	0	0	0	0	3	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	3	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	2	0	0	0	0
15	0	2	0	0	0	0
16	0	2	0	0	0	0
17	0	2	0	4	0	0
18	0	2	0	4	0	0
19	0	2	0	1	0	0
20	0	2	0	1	0	0
21	0	2	0	1	0	0
22	0	2	0	4	0	0
23	0	2	0	0	0	4
24	2	3	0	0	0	4
25	2	2	0	0	0	4
26	2	1	0	0	0	4
27	2	1	0	0	0	0
28	2	2	0	0	0	0
29	2	2	0	4	0	0
30	0	2	0	0	0	0
31	0	0	0	4	0	0
Mean	0.4	1	0	1	0.8	0.5
Max.	2.0	2	0	4	4.0	4.0
Min.	0.0	0	0	0	0.0	0.0
A. F.	21.0	65	0	69	50.0	32.0

Area reported 100 acres

Water used 240 A. F.

Per acre 2.40 A. F.

PAXTON-HERSHEY CANAL

Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	52	0	23	37	0	51	0
2	61	0	13	40	0	28	0
3	55	0	5	71	0	23	0
4	62	0	2	74	0	52	0
5	50	0	0	106	0	107	37
6	38	0	10	97	0	166	61
7	47	0	57	23	0	108	8
8	43	0	42	22	0	100	8
9	39	0	0	20	0	85	8
10	41	0	24	14	0	23	8
11	41	47	33	22	0	0	8
12	45	43	32	20	0	0	8
13	45	34	33	22	0	0	13
14	43	26	44	50	0	0	14
15	30	27	35	43	0	0	14
16	15	42	35	23	0	0	8
17	15	15	11	73	0	0	8
18	15	10	24	83	0	2	17
19	16	6	30	88	34	92	48
20	17	1	55	78	43	93	64
21	18	5	23	46	24	113	42
22	0	20	67	15	13	110	20
23	0	37	52	23	0	112	6
24	0	39	35	10	0	116	6
25	0	41	28	8	0	106	7
26	0	50	20	8	0	74	8
27	0	40	12	0	0	52	31
28	0	30	13	0	0	34	40
29	0	28	10	0	2	12	102
30	0	36	51	0	99	1	90
31	0	0	34	0	98	0	0
Mean	25	22	28	37	9	52	23
Max.	62	50	67	88	99	116	102
Min.	0	0	0	0	0	0	0
A. F.	1563	1290	1745	2225	604	3175	1392

Area reported 7474 acres

Water used 12000 A. F.

Per acre 1.61 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	Diverted from North Platte River						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	4	0	0	19	3	8	6
2	4	0	0	19	4	8	8
3	4	0	0	19	4	8	4
4	4	0	0	23	5	8	4
5	4	0	0	23	9	8	6
6	4	0	0	14	9	8	10
7	4	0	0	14	10	8	10
8	4	0	0	1	3	4	10
9	4	0	0	10	4	2	0
10	4	0	0	4	4	2	4
11	4	0	0	2	4	2	4
12	4	0	0	1	4	3	4
13	4	0	0	1	3	4	4
14	4	0	0	1	3	4	4
15	4	0	0	1	4	4	4
16	4	0	0	1	4	3	4
17	4	0	0	1	4	3	4
18	4	0	4	8	4	3	4
19	4	0	6	10	4	3	5
20	4	0	20	11	4	3	5
21	0	0	6	12	3	3	5
22	0	0	6	12	3	3	5
23	0	0	30	21	3	3	5
24	0	0	30	25	6	3	5
25	0	0	30	12	8	3	5
26	0	0	30	14	2	3	5
27	0	0	25	18	2	4	5
28	0	0	26	18	2	4	5
29	0	0	26	1	2	4	5
30	0	0	25	1	5	4	5
31	0	.....	26	.....	5	4	.....
Mean	2	0	9	10	4	4	3
Max.	4	0	30	25	10	8	10
Min.	0	0	0	1	2	2	0
A. F.	159	0	575	629	266	266	305
Area reported	2106 acres			D-918-R		210 acres	
Water used	2200 A. F.			D-945		1896 acres	
Per acre	1.04 A. F.			Total		2106 acres	

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued
 ROUND HOUSE ROCK CANAL
 Diverted from Pumpkinseed Creek

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	5	0	0	0
2	0	0	5	0	0	0
3	0	0	5	0	0	0
4	0	0	4	0	0	0
5	0	0	4	0	3	0
6	0	0	4	0	3	0
7	0	0	4	0	3	0
8	0	0	4	0	3	0
9	0	0	4	0	4	0
10	0	0	0	0	4	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	2	0	0	0	0
16	0	1	0	0	0	0
17	0	2	0	0	0	0
18	0	2	0	0	0	0
19	0	3	5	0	0	0
20	0	3	5	0	0	0
21	0	3	5	0	0	0
22	2	3	3	0	0	0
23	0	3	3	0	0	0
24	0	3	0	0	0	0
25	2	0	0	0	0	0
26	2	0	0	0	0	0
27	0	5	0	0	0	0
28	0	5	0	0	0	0
29	0	5	0	0	0	0
30	0	5	0	0	0	0
31	-----	5	-----	0	0	-----
Mean	0.2	0.2	2	0	0.6	0
Max.	2.0	3.0	5	0	4.0	0
Min.	0.0	0.0	0	0	0.0	0
A. F.	12.0	09.0	120	0	40.0	0

Area reported 121 acres
 Water used 271 A. F.
 Per acre 2.24 A. F.

RUTTNER CANAL, NEW
 Diverted from Lodgepole
 Creek

May	June	July	Aug.	Sept.
*	*	4	0	0
-----	-----	4	0	0
-----	-----	3	0	1
-----	-----	3	0	1
-----	-----	3	0	1
-----	-----	3	0	1
-----	-----	3	0	0
-----	-----	3	0	2
-----	-----	4	2	1
-----	-----	3	0	1
-----	-----	3	2	1
-----	-----	3	2	1
-----	-----	4	2	1
-----	-----	4	2	2
-----	-----	3	0	1
-----	-----	3	0	1
-----	-----	0	0	1
-----	-----	0	2	1
-----	-----	0	2	1
-----	*	2	0	1
*	*	2	0	-----
-----	-----	3	0.5	1
-----	-----	4	2.0	2
-----	-----	0	0.0	0
*	*	168	36.0	67
A-727				35 acres
A-857				92 acres
A-869				44 acres
D-350-R				58 acres
Total				229 acres

*No record.

SCRIPTER CANAL
 Diverted from Clear Creek

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	1	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	1	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	2	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	2	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	1	0	0	0	0	0
25	1	0	0	0	0	0
26	1	0	0	0	0	0
27	1	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	-----	0	-----	0	0	-----
Mean	0.2	0.1	0.1	0	0	0
Max.	1.0	2.0	2.0	0	0	0
Min.	0.0	0.0	0.0	0	0	0
A. F.	14.0	8.0	4.0	0	0	0

Area reported 175 acres
 Water used 26 A. F.
 Per acre 0.15 A. F.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	SHERIDAN-WILSON CANAL							
	Diverted from North			Platte River				
	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	0	11	0	0	0	0	15	10
2	0	11	0	0	6	0	15	10
3	0	11	0	0	6	0	15	10
4	0	11	0	0	6	0	15	10
5	0	11	0	0	6	0	15	16
6	0	11	0	0	0	0	15	16
7	0	11	0	2	0	0	15	0
8	0	11	0	3	6	0	14	0
9	0	11	0	3	6	0	15	16
10	0	11	0	3	6	0	0	16
11	12	0	0	0	0	0	0	21
12	12	0	0	0	0	0	0	0
13	12	0	0	0	8	0	0	8
14	12	0	0	0	8	0	0	15
15	12	0	0	0	1	0	0	15
16	12	0	0	2	6	0	0	14
17	12	0	5	2	6	13	0	14
18	12	0	9	2	16	13	0	19
19	12	0	12	2	18	13	0	19
20	12	0	12	0	10	13	15	15
21	10	0	7	0	7	11	15	15
22	10	0	5	0	12	13	15	23
23	10	0	4	4	10	0	15	15
24	10	0	1	4	10	0	8	16
25	10	0	4	0	10	0	6	16
26	10	0	4	0	6	13	2	15
27	10	0	4	0	10	0	0	16
28	10	0	2	0	13	0	0	16
29	10	0	2	3	13	0	3	16
30	10	0	2	5	13	13	0	16
31	10	0	0	0	0	8	0	0
Mean	7	4	2	1	7	4	7	14
Max.	12	11	12	4	18	14	15	21
Min.	0	0	0	0	0	0	0	0
A. F.	456	218	151	69	140	221	122	823

Area reported 676 acres

Water used 2863 A. F.

Per acre 4.15 A. F.

Date	SHORT LINE CANAL					
	Diverted from North			Platte River		
	Apr.	May	June	July	Aug.	Sept.
1	0	0	25	0	0	0
2	0	0	25	0	0	0
3	0	0	0	4	0	0
4	0	0	0	4	0	0
5	0	0	0	2	17	0
6	0	0	0	1	28	25
7	0	0	0	0	25	25
8	0	0	0	0	24	27
9	0	0	0	0	25	28
10	0	0	0	0	21	0
11	0	0	0	0	17	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	16	6	0	0	0
18	0	16	10	0	0	0
19	0	16	9	0	0	0
20	0	33	7	0	0	21
21	0	40	7	0	0	26
22	0	38	6	0	0	20
23	0	41	7	0	0	19
24	0	40	10	0	0	22
25	0	30	12	0	0	17
26	0	28	18	0	0	26
27	0	26	15	0	0	26
28	0	40	0	0	0	17
29	0	20	0	0	0	17
30	0	25	0	0	0	18
31	0	24	0	0	0	0
Mean	0	14	5	0.3	5	10
Max.	0	41	25	4.0	28	28
Min.	0	0	0	0.0	0	0
A. F.	0	877	300	22.0	311	627

Area reported 3027 acres

Water used 2137 A. F.

Per acre 0.72 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

SIGNAL BLUFF CANAL

Diverted from North Platte River

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	8	0	0	6	0	0	0
2	8	0	0	12	0	0	0
3	8	0	0	7	0	0	0
4	8	0	0	7	0	0	0
5	8	0	0	8	0	2	0
6	8	0	0	8	0	6	0
7	8	0	0	8	0	5	0
8	8	0	0	8	0	2	0
9	8	0	0	7	0	0	0
10	8	0	0	5	0	0	0
11	7	0	0	5	0	0	0
12	7	0	8	4	0	0	0
13	7	0	8	2	0	0	0
14	7	0	13	4	0	0	0
15	7	0	9	4	0	0	0
16	7	0	8	7	0	0	0
17	7	0	7	7	0	0	0
18	7	0	4	9	0	0	0
19	7	0	6	9	0	0	0
20	7	0	6	8	0	0	0
21	5	0	4	7	0	0	0
22	5	0	8	6	0	0	0
23	3	0	6	2	0	0	0
24	5	0	6	0	0	0	0
25	5	0	1	0	0	0	0
26	0	0	1	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	11	0	0	0	0
31	0	-----	10	-----	0	0	-----
Mean	6	0	4	5	0	0.5	0
Max.	8	0	13	12	0	6.0	0
Min.	0	0	0	0	0	0.0	0
A. F.	317	0	230	297	0	30.0	0

Area reported 1436 acres
 Water used 904 A. F.
 Per acre 0.63 A. F.

SIX MILE CANAL

Diverted from Platte River and Sutherland Reservoir

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	14	0	0	0	0
12	0	6	0	0	0	0
13	0	4	0	0	0	0
14	0	3	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	30	0	0	0	0
24	0	4	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	-----	0	-----	0	0	-----
Mean	0	2	0	0	0	0
Max.	0	30	0	0	0	0
Min.	0	0	0	0	0	0
A. F.	0	120	0	0	0	0

Area reported 1830 acres
 Water used *384 A. F.
 Per acre 0.21 A. F.

*132 A. F. of this is Sutherland Reservoir storage water received through Thirty Mile Canal Laterals.

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	SMITH-WHEELER CANAL Diverted from Pumpkinseed Creek						SOEHL CANAL Diverted from Loneragan Creek					
	Apr.	May	June	July	Aug.	Sept.	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	0	1	0	0	0	0	0	0	0
2	0	1	1	0	1	0	0	0	0	0	0	0
3	0	1	1	0	1	0	0	0	0	0	0	0
4	0	1	1	1	1	1	0	0	0	0	0	0
5	0	1	1	1	1	1	0	0	0	1	0	0
6	0	1	2	1	1	1	0	0	0	1	0	0
7	0	3	2	1	0	1	0	0	0	1	0	0
8	0	3	2	0	0	1	0	0	0	1	0	0
9	0	3	2	0	0	1	0	0	0	1	0	0
10	0	3	2	0	1	1	0	0	0	3	0	0
11	0	3	2	0	1	1	0	0	0	1	0	2
12	0	3	2	0	0	1	0	0	0	0	0	4
13	0	3	2	0	0	1	0	0	0	0	0	4
14	0	2	2	0	0	1	0	0	0	0	0	5
15	0	2	2	0	0	1	0	0	0	0	0	4
16	0	1	2	0	0	1	0	0	0	0	2	4
17	0	1	2	0	0	1	0	0	0	0	2	4
18	0	1	2	0	0	1	0	2	0	1	2	4
19	0	1	2	0	0	1	0	2	2	1	0	4
20	0	1	2	0	0	1	0	2	2	1	0	5
21	0	1	2	0	0	1	0	2	2	0	0	5
22	0	1	2	0	0	1	0	2	2	0	0	5
23	0	1	2	0	0	1	0	2	2	0	0	5
24	0	1	2	0	0	1	0	2	1	0	0	5
25	1	1	2	0	0	1	0	3	1	0	0	5
26	1	1	2	0	1	1	0	2	1	0	0	2
27	1	1	2	0	1	1	0	2	1	0	0	5
28	1	1	1	0	1	0	0	2	1	0	0	3
29	1	1	1	0	0	0	0	0	1	0	0	4
30	1	1	0	0	0	0	0	0	1	0	0	5
31		1		1				0		0		
Mean	0.2	1.5	1.7	0.2	0.3	0.8	0	0.7	0.6	0.4	0.2	3
Max.	1.0	3.0	2.0	1.0	1.0	1.0	0	3.0	2.0	3.0	2.0	5
Min.	0.0	1.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0
A. F.	12.0	93.0	101.0	10.0	22.0	48.0	0	46.0	34.0	24.0	12.0	178

Area reported 60 acres
Water used 286 A. F.
Per acre 4.76 A. F.

Area reported 132 acres
Water used 294 A. F.
Per acre 2.22 A. F.

D-697a 120 acres
D-697b 12 acres
Total 132 acres

Date	SPOHN CANAL Diverted from North Platte River						Total
	Oct.	Apr.	May	June	July	Aug.		Sept.
1	8	0	0	0	0	0	0
2	8	0	0	0	0	0	0
3	8	0	0	0	0	0	0
4	8	0	0	0	0	0	0
5	8	0	0	0	0	12	0
6	8	0	0	0	0	12	0
7	8	0	0	0	0	10	0
8	8	0	0	0	0	8	0
9	8	0	0	0	0	5	4
10	8	0	0	0	0	4	4
11	10	0	0	0	0	0	0
12	10	0	0	0	0	0	0
13	10	0	0	0	0	0	0
14	10	0	0	0	0	0	0
15	10	0	0	0	0	0	0
16	10	0	0	0	0	10	0
17	10	0	0	0	0	10	0
18	10	0	0	0	0	10	0
19	10	0	0	0	0	0	0
20	10	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	3
30	0	0	0	0	0	0	7
31	0		0		0		
Mean	8	0	0	0	0	3	0.6
Max.	10	0	0	0	0	12	7.0
Min.	0	0	0	0	0	0	0.0
A. F.	357	0	0	0	0	160	36.0

Area reported 874 acres
Water used 553 A. F.
Per acre 0.63 A. F.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

SUBURBAN CANAL							
Diverted from North Platte River							
Date	Oct.	May	June	July	Aug.	Sept.	
1	33	0	33	49	31	55	
2	33	0	36	46	37	55	
3	33	0	35	40	53	55	
4	33	0	38	37	59	59	
5	33	0	42	36	61	61	
6	33	24	33	43	50	57	
7	33	38	30	50	60	54	
8	33	44	36	51	59	51	
9	33	21	19	54	58	54	
10	33	17	36	54	56	54	
11	44	37	33	50	55	54	
12	44	36	28	48	53	53	
13	44	39	36	46	55	51	
14	44	36	54	46	54	40	
15	44	40	39	46	59	36	
16	44	36	39	46	60	29	
17	44	24	52	46	59	31	
18	44	16	53	46	59	49	
19	44	0	51	45	54	61	
20	44	21	56	45	70	55	
21	20	28	40	47	59	50	
22	20	34	37	45	44	49	
23	20	34	38	44	54	51	
24	20	25	40	42	68	53	
25	20	27	49	41	66	58	
26	0	27	41	44	66	54	
27	0	26	0	47	59	55	
28	0	28	0	51	51	58	
29	0	31	0	57	46	61	
30	0	31	0	56	54	59	
31	.....	34	.....	44	54	.....
Mean	29	24	34	46	56	52	
Max.	44	44	56	57	70	61	
Min.	0	0	0	36	31	29	
A. F.	1725	1491	2037	2860	3435	3104	

Area reported 7113 acres

Water used 14652 A. F.

Per acre 2.06 A. F.

SUTHERLAND RESERVOIR SUPPLY CANAL												
Diverted from North Platte River												
Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1110	305	795	0	0	0	0
2	0	0	0	0	0	1240	390	1017	0	0	0	0
3	0	0	0	0	0	1305	600	1000	0	0	0	0
4	0	0	0	0	0	1350	1080	820	0	0	0	0
5	0	0	28	0	0	1345	1610	568	350	0	0	0
6	0	0	118	0	0	1295	1630	335	461	0	0	0
7	0	0	145	0	0	1320	1605	0	450	0	0	0
8	0	0	150	0	0	1330	1620	0	895	0	0	0
9	0	0	150	0	0	1340	1610	100	1230	0	0	0
10	0	0	150	0	0	1250	1700	595	1355	0	0	0
11	0	0	210	0	0	1270	1585	955	1470	0	0	0
12	0	0	302	0	0	1290	1490	685	1680	0	0	0
13	0	0	436	0	0	1260	1385	472	1690	0	0	0
14	0	0	526	0	0	1215	1185	412	1600	0	0	0
15	0	0	620	0	0	1270	1060	472	1120	0	0	0
16	0	0	686	0	0	1270	760	458	575	0	0	0
17	0	0	736	0	0	1270	680	335	345	0	0	0
18	0	0	781	0	0	1265	280	207	155	0	0	0
19	0	0	828	0	0	1230	150	0	0	0	0	0
20	0	0	903	0	0	1225	150	0	0	0	0	0
21	0	0	903	0	0	1200	150	0	0	0	0	0
22	0	0	903	0	0	1210	0	0	0	0	0	0
23	0	0	903	0	0	1220	0	0	0	0	0	0
24	0	0	903	0	0	990	0	0	0	0	0	0
25	0	0	900	0	0	1425	0	0	0	0	0	0
26	0	0	882	0	125	1260	0	0	0	0	0	0
27	0	0	812	0	280	1375	500	0	0	0	0	0
28	0	0	676	0	790	1385	500	0	0	0	0	0
29	0	0	322	0	1010	1250	555	0	0	0	0	0
30	0	0	900	0	.....	1145	640	0	0	0	0	0
31	0	.....	1049	0	.....	875	.....	0	.....	0	.....	.....
Mean	0	0	515	0	76	1250	774	297	451	0	0	0
Max.	0	0	1049	0	1010	1425	1700	1017	1690	0	0	0
Min.	0	0	6	0	0	875	0	0	0	0	0	0
A. F.	0	0	31581	0	4374	76930	46057	18300	26928	0	0	0

Water used 204170 A. F. Reported by the district.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

SUTHERLAND AND REGULATING RESERVOIRS

Date	Total Live Storage in Acre-feet											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	5400	600	2450	45800	57800	44500	47220	6700	2350
2	0	0	0	6400	600	2600	43000	58100	44100	46270	5030	2300
3	0	0	0	7300	500	5000	43500	58400	43700	44820	4000	2300
4	0	0	0	8300	400	7500	43000	59000	43300	43900	4320	2300
5	0	0	0	8600	300	9800	43800	58400	43200	43520	4135	2300
6	0	0	0	8000	0	11700	45500	58100	42600	42880	3950	2200
7	0	0	0	7200	0	13600	47700	56800	43100	42180	3950	2150
8	0	0	0	6600	0	14800	49700	54800	43550	41890	3760	2100
9	0	0	0	5800	0	16100	51700	55700	44650	41050	3410	2000
10	0	0	0	5500	0	17500	53400	53800	46200	40460	3370	1950
11	0	0	0	5100	0	18600	55100	53100	58150	39090	3300	1850
12	0	0	0	4700	0	20000	57200	54200	50150	37850	3220	1850
13	0	0	0	4500	0	21200	58700	53800	52400	36430	3220	1850
14	0	0	0	4100	0	22400	60200	53800	54800	35120	3150	1800
15	0	0	0	4000	0	23600	61200	53800	56900	33410	3150	1800
16	0	0	0	3700	0	24600	62000	54200	58500	31800	3050	1750
17	0	0	0	3500	0	25700	62300	54500	58900	29980	3050	1700
18	0	0	0	3200	0	27200	62600	53900	58400	28980	3050	1675
19	0	0	0	3000	0	28300	62300	53800	57700	27240	2900	1650
20	0	0	0	2710	0	29700	61700	52300	56300	25350	2900	1625
21	0	0	0	2460	0	30600	60800	51200	55650	23740	2900	1600
22	0	0	0	2430	0	31700	59900	50300	54950	21930	2800	1600
23	0	0	700	2160	0	32700	59300	49800	54000	19830	2800	1575
24	0	0	1000	2000	0	34100	58700	48900	53400	18100	2750	1550
25	0	0	1600	1850	0	34600	58100	47800	52550	16460	2750	1500
26	0	0	2000	1580	0	36300	57500	47500	52050	15190	2700	1400
27	0	0	2600	1360	0	37500	56800	46850	51000	13010	2600	1300
28	0	0	3100	1180	710	39300	56200	46250	50100	11250	2550	1300
29	0	0	3400	1000	2330	40900	56800	44850	48950	10000	2450	1300
30	0	0	3700	850	-----	41900	57500	45500	48080	8350	2150	1300
31	0	-----	4400	700	-----	43000	-----	45000	-----	7730	2100	-----

Reported by the district.

THIRTY MILE CANAL

Diverted from Platte River and Sutherland Reservoir

Date	Apr.	May	June	July	Aug.	Sept.
1	0	241	13	s 69	s116	0
2	0	245	8	s 39	s106	0
3	0	245	0	0	s 47	0
4	0	235	0	0	0	0
5	0	182	0	0	0	0
6	83	150	0	0	0	0
7	24	142	0	0	0	0
8	69	196	0	0	0	0
9	126	174	0	0	0	0
10	140	152	0	0	0	0
11	141	131	0	0	0	0
12	165	119	0	0	0	0
13	189	112	0	0	0	0
14	203	114	0	0	0	0
15	190	115	83	0	0	0
16	195	112	13	s 16	0	0
17	196	111	8	s 56	0	0
18	196	115	8	s 13	0	0
19	223	110	5	s 9	0	0
20	233	112	0	s 96	0	0
21	251	104	0	s152	0	0
22	254	23	0	s155	0	0
23	131	0	0	s180	0	0
24	31	0	0	s204	0	0
25	23	52	0	s200	0	0
26	78	125	0	s174	0	0
27	168	6	0	s170	0	0
28	195	0	0	s140	0	0
29	221	0	s 4	s171	0	0
30	235	0	s 34	s158	0	0
31	-----	0	-----	s124	0	-----
Mean	132	110	6	70	7	0
Max.	251	245	83	204	116	0
Min.	0	0	0	0	0	0
A. F.	7880	6787	349	4205	533	0

Area reported 23120 acres

Water used 18252 A. F.

Per acre 0.79 A. F.

s 4814 acre-feet Sutherland storage water for Six Mile Canal, Orchard-Alfalfa Canal, and Thirty Mile Canal water users.

SUMMARY OF QUANTITIES Measured at Thirty-Mile Rating Flume

Thirty Mile, Natural flow	-----	14040	acre-feet
Thirty-Mile, Storage	3312	-----	acre-feet
Orchard-Alfalfa, Storage	1310	-----	acre-feet
Six Mile, Storage	192	4811	acre-feet
Total at Rating Flume	-----	19754	acre-feet
A-2077	-----	320	acres
A-1976	-----	3353	acres
A-1833	-----	19254	acres
Total	-----	23129	acres

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

TRI-STATE CANAL
Diverted from North Platte River and Pathfinder Reservoir

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	491	0	29	1148	1075	947	603
2	516	0	14	1101	1079	918	590
3	564	0	4	1103	1089	956	632
4	573	0	2	1115	1089	1008	875
5	544	0	0	1101	1094	887	742
6	546	0	0	1091	1087	780	612
7	521	0	0	1065	1101	770	611
8	537	0	69	1004	1103	834	588
9	397	0	463	605	1111	918	590
10	310	0	592	377	1103	828	625
11	334	0	686	494	1094	784	651
12	110	0	870	507	1091	788	632
13	0	0	814	451	1070	820	612
14	0	0	682	415	1065	879	606
15	0	0	845	366	1063	812	559
16	0	0	931	325	1075	914	526
17	0	0	927	770	1089	929	533
18	0	0	951	1029	1077	830	533
19	0	0	1015	1070	1070	813	522
20	0	0	1101	1011	1070	843	612
21	0	0	1096	1039	1089	837	552
22	0	0	1111	1060	1077	781	573
23	0	0	1132	1082	1070	713	562
24	0	0	1157	1072	1065	689	511
25	0	0	1155	1081	1055	636	511
26	0	0	1132	1091	1067	638	522
27	0	0	1157	1087	1070	652	476
28	0	0	1155	1091	1048	661	463
29	0	0	1157	1096	990	665	458
30	0	12	1155	1082	983	608	458
31	0	.....	1150	.....	936	610	.....
Mean	178	1	726	898	1070	798	580
Max.	573	12	1157	1148	1111	1038	875
Min.	0	0	0	325	936	608	458
A. F.	10081	83	4171	53185	65713	49169	31550
Total	258782	A. F.					

TRI-STATE LATERAL NO. 1
Diverted from North Platte River and Pathfinder Reservoir

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	5	11	7	5
2	3	0	5	11	8	5
3	4	0	6	11	8	5
4	4	0	6	10	11	5
5	2	0	6	7	11	15
6	3	0	6	7	8	6
7	2	0	6	7	8	6
8	0	0	6	13	8	6
9	0	0	6	10	11	5
10	0	0	0	10	12	5
11	0	0	3	7	11	5
12	0	5	3	5	12	5
13	0	7	1	5	12	5
14	0	7	4	5	12	5
15	0	5	6	5	6	5
16	0	5	7	4	5	5
17	0	5	7	4	6	5
18	0	5	8	1	6	5
19	0	5	12	1	6	5
20	0	5	12	3	5	5
21	0	6	12	6	5	5
22	0	6	13	6	5	5
23	0	6	7	6	6	5
24	0	6	7	6	6	5
25	0	6	7	6	5	5
26	0	9	8	5	4	5
27	0	9	7	6	4	5
28	0	9	7	5	5	5
29	0	9	7	5	6	5
30	0	4	7	12	6	5
31	0	5	.....	12	6	.....
Mean	0.6	1	6	7	7	5
Max.	4.0	9	13	13	12	15
Min.	0.0	0	0	3	4	5
A. F.	38.0	216	397	432	458	373
Total	1894	A. F.				

REPORT OF THE STATE ENGINEER

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

TRI-STATE LATERAL NO. 2 Diverted from North Platte River and Pathfinder Reservoir							TRI-STATE LATERAL NO. 3 Diverted from North Platte River and Pathfinder Reservoir						
Date	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	
1	2	0	5	6	4	3	0	0	2	2	2	2	
2	3	0	5	6	3	1	0	0	2	2	2	2	
3	3	0	3	5	4	4	0	0	2	2	2	2	
4	4	0	5	5	5	4	0	0	2	2	2	2	
5	3	0	5	6	4	8	0	0	2	2	2	2	
6	4	0	5	6	2	4	0	0	2	2	2	2	
7	3	0	3	5	3	4	0	0	2	2	2	2	
8	2	0	3	6	3	4	0	0	2	2	2	2	
9	0	0	0	5	3	6	0	0	0	2	2	2	
10	0	0	0	5	5	4	0	0	0	2	2	2	
11	0	0	0	6	5	4	0	0	0	2	2	2	
12	0	1	0	4	6	3	0	0	0	2	2	2	
13	0	1	0	3	5	4	0	0	0	2	2	2	
14	0	3	4	4	5	4	0	0	0	2	2	2	
15	0	2	5	4	5	2	0	0	0	2	2	1	
16	0	6	2	4	5	4	0	0	0	2	2	2	
17	0	4	6	4	4	4	0	0	0	2	2	2	
18	0	5	8	4	5	3	0	0	0	2	2	2	
19	0	6	7	4	5	1	0	0	0	2	2	0	
20	0	7	5	4	5	4	0	1	0	2	2	0	
21	0	6	5	4	2	4	0	1	0	2	2	0	
22	0	6	6	4	3	3	0	2	0	2	1	0	
23	0	6	7	4	3	3	0	2	0	2	1	0	
24	0	6	6	4	2	3	0	2	0	2	1	0	
25	0	7	6	3	1	6	0	2	2	2	1	1	
26	0	6	8	3	3	4	0	2	2	0	2	1	
27	0	7	7	4	3	5	0	2	2	2	2	1	
28	0	6	8	3	3	2	0	2	2	2	2	0	
29	0	6	7	4	1	3	0	2	2	2	1	0	
30	0	6	8	4	3	3	0	2	2	2	2	0	
31	0	6	-----	2	3	-----	0	2	-----	0	2	-----	
Mean	1	3	4	4	4	4	0	0.7	0.9	2	2	1	
Max.	4	7	8	6	6	6	0	2.0	2.0	2	2	2	
Min.	0	0	0	2	1	1	0	0.0	0.0	0	1	0	
A. F.	48	204	276	268	224	220	0	44.0	56.0	115	113	75	
Total	1240 A. F.						403 A. F.						

TRI-STATE CANAL Diverted from Akers Draw							TRI-STATE CANAL Diverted from Sheep Creek						
Date	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.	
1	12	4	7	13	10	11	72	0	51	51	55	69	
2	12	4	7	13	10	11	72	0	52	51	57	76	
3	12	4	7	13	10	11	70	0	53	52	68	78	
4	12	4	7	13	10	11	69	0	52	51	75	77	
5	12	4	7	13	10	11	68	52	57	52	69	106	
6	12	5	8	12	10	11	67	45	56	51	67	84	
7	12	5	8	12	10	11	67	45	55	51	67	84	
8	12	5	8	12	10	11	67	44	53	52	66	82	
9	12	5	8	12	10	11	0	44	0	53	63	82	
10	12	5	8	12	10	11	0	44	0	53	63	82	
11	12	5	9	10	10	11	0	44	0	53	62	81	
12	0	5	9	10	10	11	0	44	0	56	63	77	
13	0	5	9	10	10	11	0	43	0	55	62	74	
14	0	5	9	10	10	11	0	43	25	56	61	76	
15	0	5	9	9	10	11	0	43	53	57	60	77	
16	0	6	10	9	10	10	0	43	53	55	60	73	
17	0	6	10	9	10	10	0	42	53	55	61	74	
18	0	6	10	9	10	10	0	43	52	55	63	74	
19	0	6	10	9	10	10	0	43	51	55	62	73	
20	0	6	10	9	10	10	0	43	49	55	66	74	
21	0	6	11	10	10	10	0	40	49	61	67	74	
22	0	6	11	10	10	10	0	45	52	60	67	74	
23	0	6	11	10	10	10	0	57	52	60	69	73	
24	0	6	11	10	10	10	0	48	51	57	67	74	
25	0	6	11	10	10	10	0	48	52	57	67	76	
26	0	6	12	10	10	10	0	48	51	57	66	79	
27	0	6	12	10	10	10	0	48	51	57	70	76	
28	0	6	12	10	10	10	0	49	51	57	69	79	
29	0	6	12	10	10	10	0	50	51	57	72	75	
30	0	6	12	10	10	10	0	51	51	56	72	76	
31	0	6	-----	10	10	-----	0	52	-----	58	70	-----	
Mean	4	5	9	11	10	10	18	40	42	55	65	77	
Max.	12	6	12	13	10	11	72	57	57	61	72	106	
Min.	0	4	7	9	10	10	0	0	0	51	55	69	
A. F.	262	329	565	653	615	625	1095	2461	2531	3384	4018	4616	
Total	3019 A. F.						18105 A. F.						

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	TRI-STATE CANAL Diverted from Dry Spotted Tail Creek						TRI-STATE CANAL Diverted from Wet Spotted Tail Creek					
	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	0	24	45	16	7	7	13	11	15
2	12	0	0	0	20	39	16	6	8	11	10	17
3	12	0	0	0	25	37	16	6	9	11	8	16
4	12	0	0	0	21	35	16	6	10	10	11	16
5	12	0	0	0	23	36	15	6	11	9	10	11
6	12	0	0	0	20	34	15	6	10	9	9	17
7	12	0	0	0	21	38	15	6	10	9	10	13
8	12	0	0	0	21	36	15	7	10	8	10	18
9	0	0	0	0	21	39	0	7	11	8	10	16
10	0	0	0	0	21	39	0	7	12	8	9	17
11	0	0	0	0	19	37	0	7	11	8	10	16
12	0	0	0	0	20	32	0	7	12	9	10	15
13	0	0	0	0	21	30	0	7	11	13	11	16
14	0	0	0	0	25	30	0	7	11	10	10	16
15	0	0	0	0	27	28	0	7	11	11	10	15
16	0	0	0	0	27	28	0	6	6	9	11	15
17	0	0	0	0	28	25	0	5	6	9	11	15
18	0	0	0	0	27	21	0	5	6	9	11	19
19	0	0	0	0	31	20	0	4	7	8	12	19
20	0	0	0	0	27	19	0	4	7	10	11	19
21	0	0	0	0	33	19	0	4	8	11	11	19
22	0	0	0	0	34	18	0	5	7	10	11	20
23	0	0	0	0	36	16	0	7	12	8	11	20
24	0	0	0	0	30	16	0	7	10	9	11	21
25	0	0	0	0	35	16	0	9	10	9	11	17
26	0	0	0	0	35	20	0	9	10	8	11	20
27	0	0	0	0	35	17	0	5	8	10	13	22
28	0	0	0	0	46	15	0	7	7	10	13	22
29	0	0	0	19	49	15	0	6	11	10	13	22
30	0	0	0	23	38	14	0	7	11	12	13	21
31	0	0	0	26	39	0	0	7	0	12	13	0
Mean	3	0	0	2	28	27	4	6	9	10	11	17
Max.	13	0	0	26	49	45	16	9	14	12	13	22
Min.	0	0	0	0	19	14	0	4	6	8	8	13
A. F.	192	0	0	135	1749	1615	245	389	567	597	666	1047
Total	3691	A. F.					Total	3511	A. F.			



Headgates of the Tri-State Canal

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Continued

Date	TRI-STATE CANAL Diverted from Tub Springs							TRI-STATE CANAL Diverted from Alliance Drain						
	Oct.	May	June	July	Aug.	Sept.	Oct.	May	June	July	Aug.	Sept.		
1	24	0	0	0	30	29	12	0	0	0	12	13		
2	24	0	0	0	26	29	11	0	0	0	12	13		
3	21	0	0	0	28	31	0	0	0	0	14	11		
4	21	0	0	0	28	32	11	0	0	0	12	10		
5	21	0	0	0	28	32	11	0	0	0	11	9		
6	24	0	0	0	28	32	10	0	0	0	11	11		
7	24	0	0	0	28	30	10	0	0	0	10	11		
8	21	0	0	0	28	33	10	0	0	0	10	11		
9	0	0	0	0	26	32	0	0	0	0	11	11		
10	0	0	0	0	26	32	0	0	0	0	11	11		
11	0	0	0	0	28	30	0	0	0	0	11	11		
12	0	0	0	0	18	28	0	0	0	0	13	12		
13	0	0	0	0	28	27	0	0	0	0	13	12		
14	0	0	0	0	29	27	0	0	0	0	13	12		
15	0	0	0	0	19	26	0	0	0	0	13	12		
16	0	0	0	0	28	26	0	0	0	0	13	10		
17	0	0	0	0	29	25	0	0	0	0	13	9		
18	0	0	0	0	30	21	0	0	0	0	13	11		
19	0	0	0	0	28	23	0	0	0	0	13	11		
20	0	0	0	0	30	23	0	0	0	0	13	12		
21	0	0	0	0	31	22	0	0	0	0	13	11		
22	0	0	0	0	29	22	0	0	0	0	12	12		
23	0	0	0	24	28	21	0	0	0	12	11	11		
24	0	0	0	25	29	23	0	0	0	11	11	11		
25	0	0	0	25	29	23	0	0	0	12	13	11		
26	0	0	0	25	29	23	0	0	0	12	12	11		
27	0	0	0	25	29	19	0	0	0	11	11	11		
28	0	0	0	25	30	19	0	0	0	11	13	10		
29	0	0	0	26	29	19	0	0	0	11	13	11		
30	0	0	0	26	18	18	0	0	0	13	13	11		
31	0	0	0	26	29	28	0	0	0	13	13	11		
Mean	6	0	0.2	7	28	26	2	0	0	4	12	11		
Max.	21	0	8.0	26	31	33	12	0	0	12	14	13		
Min.	0	0	0.0	0	26	18	0	0	0	0	10	9		
A. F.	381	0	16.0	450	1751	1517	149	0	0	210	748	680		
Total 115 A. F.														
Total 1767 A. F.														

TRI-STATE CANAL
SUMMARY IN ACRE-FEET
Water Disposal by Farmers Irrigation District

From	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	11067	83	45265	51211	66558	40964	15168	262319
Sheep Creek	1095	0	2461	2531	3384	4018	4616	18165
Akers Draw	262	0	329	565	653	615	625	3049
Tub Springs	381	0	0	16	450	1751	1547	4145
Spotted Tail, Dry.....	192	0	0	0	135	1749	1615	3691
Spotted Tail, Wet.....	245	0	389	567	597	666	1047	3511
Moffat Drain	0	0	0	0	0	0	0	0
Alliance Drain	149	0	0	0	210	748	680	1787
Total diversion	13391	83	48444	57893	71987	59511	43278	296387
Total waste	0	0	188	3082	0	0	0	3270
Net diverted	13391	83	48256	54811	71987	59511	43278	293117
Diverted for Northport Dist.	0	0	6889	9172	17586	10881	2132	46660
Diverted for Farmers Irr. Dist.	13391	83	41367	45639	54401	48630	43146	246657
Diversion from North Platte River								
Tri-State Canal at Rating Station.....	10981	83	41771	53485	65743	49169	34550	258782
Lateral No. 1.....	38	0	246	397	432	458	323	1894
Lateral No. 2.....	48	0	201	276	268	224	220	1240
Lateral No. 3.....	0	0	41	56	115	115	75	403
Total Acre-feet	11067	83	45265	51211	66558	40964	35168	262319
Acreage Reported Net Acre-foot used Per acre								
A-660					3613		5645	1.55
D-918					62877		241012	3.83
A-768					16135		46660	2.89
Total					82657		293317	3.51

DISCHARGE OF CANALS IN SECOND-FEET, 1936--Continued

UNION CANAL							
Diverted from	Blue Creek and Crescent Lake--A-1575						
Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	0	7	14	17	8
2	3	0	0	7	14	15	8
3	3	0	0	8	14	16	8
4	3	0	0	10	17	16	10
5	3	0	0	9	14	14	10
6	5	0	0	7	16	14	10
7	5	0	0	7	14	14	10
8	5	0	0	6	14	13	10
9	5	0	0	11	16	14	11
10	5	0	0	11	15	14	11
11	7	0	0	9	0	12	13
12	7	0	0	0	0	14	14
13	7	0	0	0	0	13	13
14	7	0	0	0	0	13	14
15	7	0	0	0	0	0	11
16	7	0	0	3	0	0	10
17	7	0	0	9	15	0	13
18	7	0	0	9	15	0	13
19	7	0	0	9	16	0	13
20	7	0	0	10	15	10	13
21	5	0	0	10	15	11	14
22	5	0	0	10	15	11	13
23	5	0	0	10	0	7	13
24	5	0	0	10	0	8	13
25	5	0	0	9	0	8	13
26	5	0	8	10	0	9	13
27	5	0	9	11	0	8	13
28	5	0	11	12	0	8	13
29	5	0	7	12	0	12	13
30	5	0	7	15	0	12	12
31	5	-----	7	-----	10	12	-----
Mean	5	0	1	8	8	10	12
Max.	7	0	11	15	17	17	14
Min.	3	0	0	0	0	0	8
A. F.	327	0	97	478	494	625	700

Area reported 1288 acres

Water used Blue Creek 2721 A.F.

Water used Crescent Lake 0 A.F.

Total 2721 A.F.

Per acre 2.11 A. F.

WESTERN CANAL							
Diverted from	South Platte River						
Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	101	0	45	13	33	33	41
2	120	0	45	39	32	31	39
3	123	0	50	84	30	31	39
4	113	0	55	104	26	36	43
5	110	0	55	101	26	81	43
6	113	0	53	90	26	66	42
7	113	0	53	78	26	80	47
8	110	0	65	70	28	120	45
9	110	0	101	92	28	80	45
10	115	78	110	75	26	63	47
11	115	67	104	0	23	50	43
12	110	57	98	0	24	80	41
13	107	48	93	0	24	75	41
14	95	45	90	0	24	67	39
15	72	45	75	0	24	50	39
16	60	43	65	0	23	45	41
17	60	39	63	0	24	43	41
18	55	37	60	0	23	39	41
19	57	39	60	23	23	39	36
20	60	35	58	54	22	41	33
21	49	30	60	53	23	47	33
22	0	30	60	53	22	24	36
23	0	30	59	45	26	50	37
24	0	35	45	43	28	47	39
25	0	41	41	39	28	45	37
26	0	39	39	36	30	41	39
27	0	45	41	36	30	39	39
28	0	50	48	36	30	43	41
29	0	43	60	33	31	39	41
30	0	45	48	33	39	37	43
31	0	-----	45	-----	37	39	-----
Mean	63	31	62	42	27	52	40
Max.	123	78	110	104	39	120	47
Min.	0	0	39	0	22	24	33
A. F.	3903	1827	3838	2497	1664	3175	2402

Area reported 1880 acres

Water used 19306 A. F.

Per acre 1.64 A. F.

DISCHARGE OF CANALS IN SECOND- FEET, 1936—Continued

WHITNEY RESERVOIR—WHITNEY IRRIGATION DISTRICT

Diverted from White River, Storage in acre-feet

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2500	1950										400
2	2500											
3	2470											
4	2420		3350									
5	2370											
6	2370											
7	2370											
8	2360											
9	2336	1950										
10	2343											
11	2315				6300							
12	2315											
13	2315					7100				3900		
14	2289			4600								
15	2270							8650	6800			
16	2260											
17	2235						8700					
18	2210											
19	2200											
20	2220											
21	2150	2700										
22	2150											
23	2150											
24	2125											
25	2125											
26	2100											
27		3000										
28	2075											
29	2025											
30	2000	3200										
31	2025											

WINTERS CREEK CANAL

Diverted from North Platte River

Date	Apr.	May	June	July	Aug.	Sept.
1	0	20	12	33	17	0
2	0	20	0	18	17	0
3	0	20	0	12	18	0
4	0	20	0	14	17	0
5	0	18	3	18	6	0
6	0	18	3	19	14	0
7	0	20	4	18	14	0
8	0	20	5	18	14	0
9	0	21	11	20	8	19
10	0	50	7	17	12	17
11	0	56	6	16	17	18
12	0	50	4	17	8	18
13	0	38	9	16	14	19
14	0	36	12	17	14	20
15	0	37	14	16	14	20
16	0	41	17	17	14	21
17	0	35	28	17	17	19
18	0	35	35	17	24	23
19	0	37	35	17	26	22
20	0	38	35	17	4	21
21	0	41	35	15	0	20
22	0	47	35	14	0	20
23	11	50	0	13	0	18
24	0	33	0	12	14	13
25	0	17	0	11	26	3
26	0	30	0	16	24	12
27	0	30	12	18	6	8
28	0	18	35	18	0	6
29	10	29	35	17	0	9
30	20	30	35	17	0	6
31	20	28		17	0	
Mean	9	31	14	17	12	12
Max.	20	56	35	33	26	23
Min.	0	17	0	11	0	0
A. F.	121	1956	847	1035	712	768

Area reported 1151 acres

Water used 5379 A. F.

Per acre 4.67 A. F.

Note: August 6-7-8, and 13-14-15-16. The water used was from Scottsbluff Drain No. 1.

DISCHARGE OF CANALS IN SECOND-FEET, 1936—Concluded

Date	WINTERS CREEK CANAL						
	Diverted from Winters Creek						
	Oct.	Apr.	May	June	July	Aug.	Sept.
1	20	0	0	32	29	38	0
2	35	0	0	31	37	42	0
3	44	0	0	32	42	44	0
4	43	0	0	37	40	51	0
5	39	0	0	30	51	52	0
6	41	0	29	31	51	51	0
7	37	0	29	22	51	37	0
8	39	0	33	10	46	38	8
9	29	0	35	28	50	38	45
10	31	0	51	35	56	51	53
11	45	0	61	37	57	44	61
12	45	0	61	35	54	44	45
13	17	0	56	35	54	40	48
14	0	0	57	35	51	44	42
15	0	0	53	40	57	42	51
16	0	0	48	37	48	52	57
17	0	0	31	52	52	38	57
18	0	0	33	15	48	35	46
19	0	0	35	46	48	33	52
20	0	0	37	13	46	35	45
21	0	3	58	15	48	38	53
22	0	0	70	16	48	43	48
23	0	0	68	43	51	46	51
24	0	14	60	11	51	49	48
25	0	14	56	12	49	40	40
26	0	14	64	52	32	49	47
27	0	12	48	43	48	51	47
28	0	0	38	32	46	12	50
29	0	0	43	29	56	0	56
30	0	0	45	25	51	4	33
31	0	.....	38	.....	55	0	.....
Mean	16	2	10	36	49	38	35
Max.	47	14	64	52	57	52	61
Min.	0	0	0	10	29	0	0
A. F.	982	113	2465	2170	2693	2323	2100

Area reported 3136 acres

Water used 13116 A. F.

Per acre 4.18 A. F.

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NOTE:—THE TWENTY-FIRST 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 1-268. (c) Part II alone, consisting of all pages following 268.

In those copies of Part II alone, this index for Part I is included although the remainder of Part I (pages 1-268) has been omitted.

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Cottonwood Creek, Big.....		466	521
Cottonwood Creek, Little.....		466	522
Cozad Canal Tall Waste.....		467	522
Cozad Drain			522
Cozad Canal—Platte River.....		574	646	843	897
Crane Lake		509	558
Crescent Lake (Storage).....		509	558
Crescent Lake Outlet Canal—Crescent Lake.....		575	647
Crews Canal—Republican River.....		575	647
Crigler Canal—Lawrence Fork Creek.....		575	648
Crooked Creek		467
Crystal Spring Canal—Crystal Springs.....		575
Cub Creek		467
Culbertson Canal—Frenchman River.....		575	648	844	898

D

Dawson County Canal—Platte River.....		576	648	844	898
Dawson County Canal from Cozad Waste.....		.....	.....	845	899
Dawson County Drain No. 1, Below Strever Creek..		.....	523	.....	.....
Dawson County Drain—Darr.....		467	523	760	799
Dawson County Waste to Buffalo Creek.....		467	523	.....	800
Dawson County Waste to Elm Creek.....		.....	523	.....	800
Dawson County Waste to French Creek.....		468	523	.....	801
Dawson County Waste to Strever Creek.....		.....	523	.....	801
Dead Horse Creek.....		468	523	.....	.....
Deep Creek Canal—Deep Creek.....		.....	649	.....	.....
Deep Creek		468	524	.....	.....
Deer Creek		468	.....	.....	.....
Deer Lake		510	558	.....	.....
DeGraw Drain		468	524	761	802
Delaware-Hickman Canal—Republican River.....		576	.....	.....	.....
Dickinson Canal—Lodgepole Creek.....		576	649	.....	.....
Dismal River—Dunning		468	524	.....	.....
Dodd-McDowell Canal—Dodd-McDowell Reservoir		577	649	.....	.....
Dout Brothers Canal—Jim Creek.....		577	650	.....	.....
Dout Canal No. 1—Dout Reservoir No. 1.....		577	650	.....	.....
Driftwood Creek		468	.....	.....	.....

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Dry Creek		469	524	.....	.....
Dundy County Canal—Republican River.....		577	.....	.....	.....
Dugout Creek, Lower.....		469	.....	.....	.....
Dugout Creek, Upper.....		469	524	761	802

E

Eagle Creek		469	.....	.....	.....
Earnest Canal No. 1—Niobrara River.....		577	650	.....	.....
Earnest Canal No. 2—Niobrara River.....		578	650	.....	.....
Eli Lake		510	558	.....	.....
Elk Creek		469	.....	.....	.....
Elkhorn River:					
Hooper .....		.....	525	.....	.....
Neligh		415	470	525	762 803
Norfolk		470	.....	.....	.....
O'Neill		469	525	.....	.....
Pierce		470	.....	.....	.....
West Point .....		.....	525	.....	.....
Waterloo		416	470	525	762 803
Elm Creek		470	525	.....	804
Elm Creek Canal—Platte River.....		578	650	846	900
Empire Canal—North Platte River.....		578	651	846	900
Enterprise Canal—North Platte River.....		578	651	847	900
Enterprise Canal—Morrill Drain.....		579	652	847	901
Enterprise Canal—Stewart Drain.....		579	652	847	901
Enterprise Canal—Dry Spotted Tail Creek.....		579	652	.....	.....
Enterprise Canal—Wet Spotted Tail Creek.....		579	652	847	901
Enterprise Canal—Winters Creek.....		579	.....	.....	.....
Enterprise Canal—Tub Springs.....		.....	653	848	902
Enterprise Canal Waste into Winters Creek.....		470	526	.....	.....
Excelsior Canal—Niobrara River.....		580	653	.....	.....
Eureka Creek		471	.....	.....	.....

F

Fairfield Seep		471	526	763	804
Fanning Seep		471	526	763	805
Farmers Creek		471	.....	.....	.....
Farmers Canal—Frenchman River.....		580	653	.....	.....
Fawcus Springs		471	.....	.....	.....
Fendrich Canal—Niobrara River.....		580	653	.....	.....
Finch Canal—Clear Creek.....		580	654	.....	.....

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Flag Creek	471	.....	.....	.....	.....
Follett-Krotter Canal—Frenchman River.....	581	654	.....	.....	.....
Fort Laramie Canal—North Platte River.....	.....	.....	849	903	.....
Foster Creek	471	.....	.....	.....	.....
Fremont Slough	471	526	.....	.....	.....
French Ditch—North Platte River.....	581	654	.....	.....	.....
French Creek	472	.....	.....	.....	.....
Frenchman River:					
Above Champion	416	472	527	764	805
Below Champion	416	473	527	764	806
Above Champion Lake.....	472	.....	.....	.....	.....
Below Champion Canal.....	472	527	.....	.....	.....
Culbertson	417	473	528	765	807
Enders	473	.....	.....	.....	.....
Hamlet	417	473	528	765	806
Hardy	473	.....	.....	.....	.....
Hoke Plant	473	.....	.....	.....	.....
Imperial	473	.....	.....	.....	.....
Below Inman Canal.....	472	527	.....	.....	.....
Above Maranville Reservoir.....	472	526	.....	.....	.....
Below Maranville Reservoir.....	472	527	.....	.....	.....
Furman Canal—Niobrara River.....	581	655	.....	.....	.....

G

Gallup Canal—Chadron Creek.....	582	655	.....	.....	.....
Gardner Canal—Little Cottonwood Creek.....	582	.....	.....	.....	.....
Gebauer Drain	474	.....	.....	.....	.....
Gering Drain	417	474	528	766	807
Gering Waste	474	528	.....	.....	.....
Gering Canal—North Platte River.....	582	655	849	904	.....
Gifford Canal—Pumpkinseed Creek.....	583	656	.....	.....	.....
Gimlet Lake	510	558	.....	.....	.....
Gochnauer Canal—Big Bordeaux Creek.....	583	656	.....	.....	.....
Goose Lake	510	558	.....	.....	.....
Gordon Creek	474	529	.....	.....	.....
Gothenburg Diversion Canal—Platte River.....	583	657	850	904	.....
Gothenburg Irrigation Canal—Platte River.....	584	657	.....	905	.....
Gothenburg Lateral Waste.....	.....	529	.....	.....	.....
Gothenburg Power Waste.....	475	529	766	808	.....
Gothenburg Tail Waste into Buffalo Creek.....	475	529	.....	.....	.....
Government Springs—Ft. Robinson.....	475	530	.....	.....	.....

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Graf Canal—Blue Creek.....		584	657	851	906
Gravel Creek		475	530	767	808
Greenwood Creek		475	530		
Grosbach-Williams Power Waste.....		475			
Guernsey Reservoir—North Platte River (Storage 709, 725)					

H

Hackberry Lake		510	559		
Hackberry Reservoir Canal—Gordon Creek.....			658		
Haigler Canal—Republican River.....		584	658		
Hale Canal—Lodgepole Creek.....			658		
Hall Canal—White River.....		585	659	851	
Hannah Canal—North Platte River.....		585			
Harper Canal—Clear Creek.....		585	659		
Harris-Cooper Canal—White River.....		585	659	852	
Harris-Neece Canal—Niobrara River.....		586	660		
Harrison Lake		511	559		
Hartzell Canal—Little Bordeaux Creek.....		586	660		
Hat Creek		475	530		
Hay Springs Creek.....		476			
Heard Canal—Pumpkinseed Creek.....		586	660		
High Line Canal—Jim Creek.....		586	660		
Hitshew Canal—Niobrara River.....			660		
Hollingsworth Canal—South Platte River.....			661	852	907
Holloway-Phelps Canal—White Tail Creek.....			659		
Holly Canal—Boggy Creek.....		587			
Hooper Canal—Blue Creek.....		587	661	853	908
Hoover Canal—Lodgepole Creek.....		587	661		
Hopeful Canal—Lawrence Fork.....		587	661		
Horse Creek Canal—Horse Creek.....		587	662		
Horse Creek	418	476	530	767	809
Howard Canal—Lodgepole Creek.....		588	662		
Hughes Canal—Niobrara River.....		588	662		
Hurley-Lilly-Polly Canal—Lodgepole Creek.....		588	662	853	908
Hutzel Canal—White Clay Creek.....			663		

I

Ickes Canal—Lodgepole Creek.....		588			
Inavale Creek		476			
Independent Canal—Lodgepole Creek.....		588	663		
Indian Creek		476	531	768	809

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Inman Canal—Frenchman River.....	589	663	.....	.....
Interstate Canal—North Platte River.....	854	909
Island Lake	511	559	.....	.....

J

Janssen Canal—Pawnee Creek.....	.....	589	663	.....	.....
Jim Creek .....	.....	477	531	.....	.....
Johnson Canal—Lodgepole Creek.....	.....	589	664	.....	.....
Johnson Canal—Niobrara River.....	.....	589	663	.....	.....
Jones Lake .....	.....	511	559	.....	.....
Jordan Canal—Monroe Creek.....	.....	590	664	.....	.....

K

Kara Canal—Kara Lake.....	.....	.....	664	.....	.....
Kearney Canal—Platte River.....	.....	590	664	854	909
Kearney Canal—Buffalo Creek.....	.....	.....	.....	855	910
Kearney Canal—Elm Creek.....	.....	.....	.....	855	910
Keith-Lincoln County Canal—North Platte River..	.....	591	665	856	911
Keith-Lincoln County Drain.....	.....	477	531	768	810
Keith-Lincoln County Waste.....	.....	.....	531	.....	.....
Kelso Canal—Big Bordeaux Creek.....	.....	591	665	.....	.....
Kent-Burke Canal—Pawnee Creek.....	.....	591	665	856	.....
Keya Paha River.....	.....	477	.....	.....	.....
Keystone Canal—White Tail Creek.....	.....	591	666	857	911
Kilpatrick Reservoir Canal—Kilpatrick Reservoir	.....	591	.....	.....	.....
Kimball Canal—Lodgepole Creek.....	.....	592	666	857	912
King Canal—Lawrence Fork Creek.....	.....	592	666	.....	.....
Kinney Canal—Lodgepole Creek.....	.....	592	667	859	913
Kite Canal—Monroe Creek.....	.....	.....	593	668	.....
Kreuger Canal—Lodgepole Creek.....	.....	593	668	.....	.....

L

Lakes, Sandhill:

Bean Lake .....	.....	509	558	.....	.....
Blue Lake .....	.....	509	558	.....	.....
Crane Lake .....	.....	509	558	.....	.....
Crescent Lake .....	.....	509	558	.....	.....
Deer Lake .....	.....	510	558	.....	.....
Eli Lake .....	.....	510	558	.....	.....
Gimlet Lake .....	.....	510	558	.....	.....
Goose Lake .....	.....	510	558	.....	.....

LAKES, SANDHILL—Concluded

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Hackberry Lake		510	559	.....	.....
Harrison Lake		511	559	.....	.....
Island Lake		511	559	.....	.....
Jones Lake		511	559	.....	.....
Martin Lake		511	559	.....	.....
Roundup Lake		512	559	.....	.....
Rush Lake		512	559	.....	.....
Smith Lake		512	559	.....	.....
Swan Lake		512	559	.....	.....
Labelle Canal—Niobrara River.....		594	669	.....	.....
Laing Canal—Lawrence Fork.....		594	669	.....	.....
Lakatoh Canal—Niobrara River.....		594	669	.....	.....
Lake Creek		477	.....	.....	.....
Lane Drain		477	532	769	810
Larabee Creek		477	532	.....	.....
Larson Pump—Muddy Creek.....		594	.....	.....	.....
Last Chance Canal—Pumpkinseed Creek.....		594	669	860	914
Lawrence Fork Creek.....		478	532	.....	.....
Leander Creek		478	532	.....	.....
Lee Canal—Gordon Creek.....		595	670	.....	.....
Lewellen Drain		478	.....	769	811
Libby Canal—Lodgepole Creek.....		595	670	.....	.....
Lichte Canal—Niobrara River.....		595	670	.....	.....
Lincoln Creek		478	.....	.....	.....
Lincoln County Drain No. 1.....		478	532	770	811
Lincoln County Drain No. 2.....		478	533	770	812
Lisco Canal—North Platte River.....		595	670	861	915
Lodgepole Creek:					
Below Barrett Dam.....		482	.....	.....	.....
Above Bennet Reservoir.....		479	.....	.....	.....
Below Bennet Reservoir.....		480	534	.....	.....
Above Bluhm Dam.....		.....	535	.....	.....
Below Bluhm Dam.....		481	535	.....	.....
Passing Booth Dam.....		481	.....	.....	.....
Bushnell	418	479	533	771	812
Chappell		482	535	.....	.....
Below Christensen Canals.....		.....	534	.....	.....
Dix		480	534	.....	.....
Over Howard Dam.....		481	.....	.....	.....
Kimball		479	533	771	.....
Above Kreuger Canal.....		480	.....	.....	.....

LOGGEPOLE CREEK—Concluded

	Gaging Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Below Kreuger's Lake.....		480	534	.....	.....
Above LaGrange Dam.....		481	534	.....	.....
Below LaGrange Dam.....		481	535	.....	.....
At Libby Dam.....		482	.....	.....	.....
Lodgepole		482	535	.....	.....
Below McLaughlin Dam.....		481	535	.....	.....
Above Oliver Reservoir.....		479	533	.....	.....
Below Oliver Reservoir.....		479	533	.....	.....
Potter		480	.....	.....	.....
Ralton		482	536	.....	.....
Rock Pile, Sec. 33-14-48.....		480	534	.....	.....
Sidney		480	534	.....	.....
Sunol		481	.....	.....	.....
At Tobin Dam.....		482	.....	.....	.....
Wyoming-Nebraska Line		479	533	.....	.....
Logan Canal—North Platte River.....		.....	671	.....	916
Logan Canal—Pumpkinseed Creek.....		596	671	.....	.....
Logan Canal—Turkey Creek.....		596	.....	.....	.....
Logan Drain .....		.....	536	.....	.....
Lonergan Creek		483	536	772	813
Lonergan Canal—Lonergan Creek.....		596	.....	862	916
Long Pine Creek.....		483	.....	.....	.....
Looking Glass Creek.....		483	.....	.....	.....
Lost Creek		483	536	772	813
Loup River—Columbus	418	484	537	774	815
Loup River, Middle:					
Boelus		484	537	.....	.....
Dunning		484	.....	.....	.....
Sargent		484	537	.....	.....
St. Paul	419	485	537	773	814
Loup River, North:					
Coble Dam		485	.....	.....	.....
St. Paul	419	485	536	773	814
Taylor		485	536	.....	.....
Loup River, South:					
Calloway .....		.....	537	.....	.....
Pressey State Park.....		484	.....	.....	.....
Louse Creek		485	.....	.....	.....
Lovely Creek		485	538	.....	.....
Lyngholm Canal—Lodgepole Creek.....		596	671	.....	.....
Lyons Canal—North Platte River.....		596	672	862	917

M

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
McAuliffe Canal—Lodgepole Creek.....		597	672	.....	.....
McCarthy Canal—White Tail Creek.....		597	672	863	.....
McFadden Canal—Willow Creek.....		597	673	.....	.....
McFarland Canal—White Clay Creek.....		597	673	863	.....
McGinley-Stover Canal—Niobrara River.....		598	673	.....	.....
McGuire Slough		486	538	.....	.....
McIntosh Canal—Lodgepole Creek.....		598	673	.....	.....
McLaughlin Canal—Lodgepole Creek.....		598	674	.....	.....
McLaughlin Canal—Niobrara River.....		599	674	.....	.....
Maple Creek		486	.....	.....	.....
Maranville Canal—Frenchman River.....		599	674	.....	.....
Martin Lake		511	559	.....	.....
Medicine Creek		486	538	.....	.....
Meeker Canal—Republican River.....		599	674	863	917
Meglemre Canal—Greenwood Creek.....		599	675	.....	.....
Melbeta Drain		486	538	774	815
Meredith-Ammer Canal—Pumpkinseed Creek.....		600	675	864	918
Meridian Canal—Niobrara River.....		600	675	.....	.....
Messenger Creek		486	.....	.....	.....
Methodist Creek		486	538	.....	.....
Mettlen Canal—Niobrara River.....		600	675	.....	.....
Midland-Overland Canal—North Platte River.....		600	676	864	918
Miller Canal—Skunk Creek.....		601	676	.....	.....
Milrose Creek		486	.....	.....	.....
Minatare Canal—North Platte River.....		601	676	865	919
Minnehaduza Creek		487	538	.....	.....
Mitchell Canal—North Platte River.....		601	676	865	919
Mitchell Factory Waste.....		487	.....	.....	.....
Mitchell Spillway—Tri-State Canal.....		487	539	775	816
Monroe Canal—Monroe Creek.....		602	677	.....	.....
Monroe Creek		487	539	.....	.....
Montague Canal—Niobrara River.....		602	677	.....	.....
Montgomery Canal—Sow Belly Creek.....		602	678	.....	.....
Moore Canal—Niobrara River.....		603	678	.....	.....
Morrill Drain		487	.....	.....	.....
Muddy Creek		487	539	.....	.....
Mutual Canal—Pumpkinseed Creek.....		603	678	866	920

N

Nasland Canal—Lodgepole Creek.....		603	678
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	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Neihus Canal—Lawrence Fork Creek.....		603	679
Nelson Canal—Greenwood Creek.....		604	679	.....	.....
Nemaha River			539	.....	.....
Nemaha River, Little.....			539	.....	.....
Neuman Canal—Lodgepole Creek.....		604	679	.....	.....
Nine Mile Canal—North Platte River.....		604	680	866	920
Nine Mile Canal—Nine Mile Drain.....		604	.....	867	.....
Nine Mile Drain.....	420	488	540	775	816
Niobrara River:					
Agate			488	540	.....
Dunlap	420	489	541	776	817
Gordon		489	541	.....	.....
Harrison		488	540	.....	.....
Marsland		489	540	.....	.....
Spencer		490	.....	776	817
Below Dam at Valentine.....		490	541	.....	.....
Valentine		489	541	.....	.....
Mouth of Whistle Creek.....		489	540	.....	.....
Wyoming State Line.....		488	540	.....	.....
Nissen Canal—Sand Creek.....		605	680	.....	.....
North Platte Canal—North Platte River.....		605	680	868	921
North Platte Canal Waste.....		490	541	.....	818
North Platte Power Waste.....			542	.....	818
North Platte River—SEE Platte Rivers					
Northport Canal—North Platte River.....		605	680	869	922
North River Canal—North Platte River.....		605	681	869	923
Nunn Canal—Pumpkinseed Creek.....		606	681	.....	.....

O

Oak Creek		490	542	.....	.....
Oberfelder Canal—Lodgepole Creek.....		606	681	.....	.....
O'Donnell Canal—Big Bordeaux Creek.....		606	682	.....	.....
Old Sow Belly Canal—Sow Belly Creek.....		606	682	.....	.....
Oliver Canal—Fawcus Springs.....		606	.....	.....	.....
Oliver Reservoir—Lodgepole Creek (Storage 870, 923)					
Orchard-Alfalfa Canal—Platte River.....		607	682	870	924
Oshkosh Canal—North Platte River.....		607	682	871	924
Otter Creek	420	490	542	777	819
Otter Creek Canal—Otter Creek.....		607	683	871	925
Otter Creek Canal—Sand Creek.....		607	683	.....	.....
Owasco Canal—Lodgepole Creek.....		608	683	871	925
Ox Yoke Canal—Ash Creek.....		608	684	.....	.....

P

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Paisley Canal—Blue Creek.....	.....	608	684	872	926
Papillion Creek, Little.....	.....	.....	542	.....	.....
Parks Canal—Republican River.....	.....	609	684	.....	.....
Pathfinder Reservoir—SEE Platte Rivers					
Patrick Canal—Sand Creek.....	.....	.....	.....	.....	927
Pawnee Creek .....	.....	491	542	777	819
Paxton-Hershey Canal—North Platte River.....	.....	609	684	873	927
Paxton-Hershey Waste .....	.....	491	543	.....	.....
Pebble Creek .....	.....	.....	543	.....	.....
Pender Drain .....	.....	.....	543	.....	.....
Pepper Creek .....	.....	491	543	.....	.....
Persinger Canal—Lodgepole Creek.....	.....	609	685	.....	.....
Peters Canal—Pumpkinseed Creek.....	.....	610	685	.....	.....
Phelan Canal—Rock Creek.....	.....	610	685	.....	.....
Pine Creek .....	.....	491	543	.....	.....
Pinney Reservoir—White River.....	.....	.....	.....	873	.....
Pinney Reservoir Canal—Pinney Reservoir.....	.....	.....	.....	873	.....
Pioneer Canal—Niobrara River.....	.....	610	686	.....	.....
Platte Rivers:					
Platte River, North:					
Into Pathfinder Reservoir.....	.....	.....	.....	708	724
Pathfinder (Storage 708, 724)					
Outflow of Pathfinder.....	399	.....	.....	709	725
Into Guernsey Reservoir.....	.....	.....	.....	710	726
Guernsey (Storage 709, 725)					
Outflow of Guernsey Reservoir.....	399	.....	.....	710	726
Whalen	399	.....	.....	711	727
Torrington	400	429	441	711	727
Wyoming-Nebraska Line	401	429	441	712	728
Tri-State Dam, below.....	.....	430	443	.....	.....
Mitchell	402	430	443	712	728
Minatare	402	431	444	713	729
Bridgeport	403	432	445	713	729
Lisco	404	433	447	714	730
Oshkosh	405	434	447	714	730
Martin	405	435	448	715	731
Keystone .....	.....	.....	449	.....	.....
Sutherland	406	435	449	715	731
North Platte	407	435	449	716	732
Platte River, South:					
Julesburg	407	436	450	716	732

PLATTE RIVER, SOUTH—Concluded

	Gaging Station	Measurements		Daily Discharge	
		1935	1936	1935	1936
Ogallala	409	437	451	.....	.....
Paxton .....	.....	.....	452	.....	.....
North Platte	409	438	452	717	733
Platte River:					
Maxwell .....	.....	.....	452	.....	.....
Brady Island .....	.....	438	452	.....	.....
Gothenburg .....	.....	438	453	.....	.....
Cozad .....	.....	439	453	.....	.....
Overton	410	439	454	722	733
Elm Creek .....	.....	439	.....	.....	.....
Kearney Canal Headgate, Passing.....	.....	.....	454	.....	.....
South of Kearney.....	.....	439	.....	.....	.....
Shelton .....	.....	.....	454	.....	.....
Grand Island	411	440	454	722	734
Duncan	411	440	455	723	734
Ashland	412	440	455	723	735
Plum Creek .....	.....	491	543	778	820
Pomeroy Canal—Lodgepole Creek.....	.....	611	686	.....	.....
Ponca Creek .....	.....	492	.....	.....	.....
Porter Canal—Buffalo Creek .....	.....	611	.....	.....	.....
Potmesil Brothers Canal—Niobrara River.....	.....	611	.....	.....	.....
Prairie Dog Creek.....	.....	492	544	.....	.....
Premier Canal—Lodgepole Creek.....	.....	611	686	.....	.....
Prouty Irrigation Canal—Prouty Springs.....	.....	611	.....	.....	.....
Prouty Springs .....	.....	492	.....	.....	.....
Pumpkinseed Creek	421	492	544	778	820

R

Radcliffe Canal—Cedar Creek.....	.....	.....	686	.....	.....
Ralton Irrigation Canal—Lodgepole Creek.....	.....	611	687	.....	.....
Ramshorn Canal—North Platte River.....	.....	612	687	873	928
Randall Canal—Lawrence Fork Creek.....	.....	612	687	.....	.....
Rasher Canal—White River.....	.....	612	688	.....	.....
Red Bird Creek.....	.....	493	.....	.....	.....
Red Willow Creek—Above Alliance Diversion.....	.....	.....	544	.....	.....
Red Willow Creek—Bayard	421	.....	.....	.....	.....
Red Willow Creek—Above Wild Horse Drain.....	.....	493	545	.....	.....
Red Willow Creek—Below Wild Horse Drain.....	.....	494	545	779	821
Red Willow Creek—Red Willow.....	.....	494	545	.....	.....

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Republican River:					
North Branch:					
Colorado-Nebraska Line	421	494	545	779	821
Benkelman		494	545		
South Branch:					
Benkelman		495	545		
Max	422	495	546	780	822
Culbertson	422	495	546	780	822
McCook		495	546		
Holbrook		495			
Oxford		495			
Bloomington	423	496	546	781	823
Bostwick		496			
Superior		496			
Hardy	423	496	547	781	823
Below Meeker Canal.....			547		
Riverside Canal—Frenchman River.....		612	688		
Rock Creek		496	547		
Rope Creek		496	547		
Round House Rock Canal—Pumpkinseed Creek....		613	688		929
Roundup Lake		512	559		
Runge Canal—Lodgepole Creek.....		613	688		
Rush Creek Canal—North Platte River.....		613	689		
Rush Lake		512	559		
Ruttner Canal—Lodgepole Creek.....		613	689		
Ruttner Canal, New—Lodgepole Creek.....		613	689		929
S					
Sand Creek		497	547	782	824
Sand Creek Canal—Gravel Creek.....		614	689		
Sandhill Lakes—SEE Lakes					
Sarben Slough		497	548	782	824
Schaefer Reservoir Supply Canal—Sow Belly Creek		614	690		
Schlagel Creek		497	548		
Scottsbluff Drain No. 1.....		497	548	783	825
Scottsbluff Drain No. 2.....		498	548	783	825
Scout Creek		498	549	784	826
Scripter Canal—Clear Creek.....		614	690		929
Sears Creek		498	549		
Severns Pump—Frenchman River.....			690		
Sheep Creek	424	498	549	784	826

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Sheldon Canal—East Ash Creek.....		614	690	.....	.....
Shepherd Canal—Squaw Creek.....		615	690	.....	.....
Sheridan-Wilson Canal—North Platte River.....		615	691	874	930
Short Creek		498	.....	.....	.....
Short Line Canal—North Platte River.....		615	691	874	930
Signal Bluff Canal—North Platte River.....		615	691	875	931
Simons Canal—Little Cottonwood Creek.....		616	691	.....	.....
Silvernail Drain		498	549	785	827
Six Mile Canal—Platte River.....		616	691	875	931
Skunk Creek Canal—Skunk Creek.....		692	.....	.....
Skunk Creek		499	549	785	827
Slattery Canal—Jim Creek.....		616	692	.....	.....
Slattery Canal—Dead Horse Creek.....		616	692	.....	.....
Smith Lake		512	559	.....	.....
Smith-Wheeler Canal—Pumpkinseed Creek.....		616	692	.....	932
Snake Creek		499	550	.....	.....
Snake River		499	550	.....	.....
Soderquist Canal—Lodgepole		617	.....	.....	.....
Soehl Canal—Lonergan Creek.....		617	692	876	932
Soldier Creek		499	550	.....	.....
Soldier Creek Canal—Soldier Creek.....		617	693	.....	.....
Sow Belly Creek.....		499	550	.....	.....
Spinar Canal—Spring Creek.....		617	.....	.....	.....
Spinar Springs		500	.....	.....	.....
Spohn Canal—North Platte River.....		618	693	876	932
Spotted Tail Creek, Dry.....		500	550	786	828
Spotted Tail Creek, Wet.....		500	551	786	828
Spring Branch Canal—Lawrence Fork.....		618	693	.....	.....
Spring Creek Canal—Sow Belly Creek.....		618	694	.....	.....
Spring Creek Canal—Spring Creek.....		618	694	.....	.....
Spring Creek		500	551	787	829
Squaw Creek		501	551	.....	.....
Stafford Canal—Willow Creek.....		618	695	.....	.....
Stewarts Drain		502	.....	.....	.....
Stinking Water Creek.....		502	552	.....	.....
Strever Creek		502	552	.....	829
Stuart Canal—Cottonwood Creek.....		619	694	.....	.....
Stuart Canal—Turkey Creek.....		619	.....	.....	.....
Stumph Canal—East Ash Creek.....		619	694	.....	.....
Suburban Waste		502	.....	.....	.....
Suburban Canal—North Platte River.....		619	695	877	933
Suburban Canal—Lincoln County Drain.....		620	.....	.....	.....

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Sudman Canal—Lodgepole Creek.....		620			
Sutherland Reservoir Supply Canal—					
North Platte River.....			695		933
Sutherland and Regulating Reservoirs—					
North Platte River (Storage 934)					
Swan Creek		502			
Swan Lake		512	559		

T

Taylor Creek			552		
Thirty Mile Canal—Platte River.....		620	696	877	934
Thirty Mile Canal Waste No. 1.....		502	552		
Thirty Mile Canal Waste No. 2.....		502	553		
Thirty Mile Canal Waste No. 3.....		502	553		
Thomas Canal—East Ash Creek.....		620	696		
Thomas Canal—Big Bordeaux Creek.....		620	696		
Thomas-Stuart Canal—Little Cottonwood Creek....		621	696		
Thompson Creek, Big.....		502	553		
Timber Creek		503	553		
Tobin Canal—Lodgepole Creek.....		621	697		
Todd Canal—East Ash Creek.....		621	697		
Toohey Drain		503	553		
Toohey Spillway—Tri-State Canal.....		503	553	787	830
Tracy Canal—Lodgepole Creek.....		621	697		
Trinnier Canal—Greenwood Creek.....		621	697		
Tri-State Canal—North Platte River.....		622	698	878	935
Tri-State Canal, Lateral No. 1—North Platte River		622	698	878	935
Tri-State Canal, Lateral No. 2—North Platte River		622	699	879	936
Tri-State Canal, Lateral No. 3—North Platte River		623	699	879	936
Tri-State Canal—Akers Draw.....		623	699	879	936
Tri-State Canal—Sheep Creek.....		623	700	880	936
Tri-State Canal—Dry Spotted Tail Creek.....		623	700	880	937
Tri-State Canal—Wet Spotted Tail Creek.....		624	700	881	937
Tri-State Canal—Tub Springs.....		624	701	882	938
Tri-State Canal—Moffat Drain.....		624			
Tri-State Canal—Alliance Drain.....		624	701	882	938
Tri-State Canal Waste into Red Willow Creek.....		503			
Tri-State Sluiceway		503			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Trunk Butte Creek.....	503	553	.....	.....
Tub Springs	503	554	788	830
Tucker Canal—Tucker Creek.....	701	.....	.....
Tucker Creek	554	.....	.....
Turkey Creek Canal No. 1—Turkey Creek.....	624	.....	.....	.....
Turkey Creek	504	554	.....	.....

U

Union Canal—Blue Creek.....	.....	625	701	883	939
Union Creek .....	.....	504	.....	.....	.....
Urbach Canal—Lodgepole Creek.....	.....	625	702	.....	.....

V

Verdigre Creek .....	.....	504	.....	.....	.....
Victoria Creek .....	.....	504	.....	.....	.....
Vining Creek .....	.....	504	554	.....	.....

W

Wahoo Creek .....	.....	505	554	.....	.....
Walnut Creek .....	.....	.....	554	.....	.....
Warbonnett Canal—Warbonnett Creek.....	.....	625	702	.....	.....
Warbonnett Creek .....	.....	505	554	.....	.....
Warneke Canal—Niobrara River.....	.....	626	702	.....	.....
Wearin Canal—Lodgepole Creek.....	.....	626	702	.....	.....
Weeping Water Creek.....	.....	.....	555	.....	.....
Wertz Bros. Canal—Lodgepole Creek.....	.....	.....	703	.....	.....
Western Canal—South Platte River.....	.....	626	703	884	939
West Hat Creek Canal—Hat Creek.....	.....	.....	703	.....	.....
Whistle Creek .....	.....	505	555	.....	.....
White Clay Creek.....	.....	505	555	.....	.....
White Horse Creek.....	.....	506	555	788	831
Whiteman's Fork .....	.....	507	556	.....	.....
White River Canal—White Clay Creek.....	.....	.....	703	.....	.....
White River Canal—White River.....	.....	626	703	.....	.....
White River:					
Chadron .....	.....	424	507	556	789 832
Crawford .....	.....	424	506	555	789 831
Above Whitney diversion.....	.....	.....	506	556	.....
Below Whitney diversion.....	.....	.....	506	.....	.....
White Tail Creek.....	.....	507	556	790	832

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1935	1936	1935	1936
Whitney Pipe Line—White River.....		627	704	.....	.....
Whitney Reservoir—White River (Storage 884, 940)					
Wickersham Canal—Boggy Creek.....		627	704	.....	.....
Wiegand Canal—Lodgepole Creek.....			704	.....	.....
Wilds Canal—Lodgepole Creek.....			705	.....	.....
Willow Creek		507	557	790	.....
Willow Creek Canal—Willow Creek.....		628	.....	.....	.....
Winters Creek	425	508	557	791	833
Winters Creek Canal—North Platte River.....		628	705	885	940
Winters Creek Canal—Winters Creek.....		628	706	885	941
Winters Creek Canal Lateral—Winters Creek.....		629	706	.....	.....
Winters Creek Canal—Scottsbluff Drain No. 1....		629	707	.....	.....
Wolfe Canal—Lodgepole Creek.....		629	707	.....	.....
Wood River			557	.....	.....
Woodruff Canal—Jim Creek.....		630	707
Wrede Spring		508

Y

Young Canal—Lodgepole Creek.....		630
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Z

Zimmerman Canal—Sow Belly Creek.....		630	707
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