

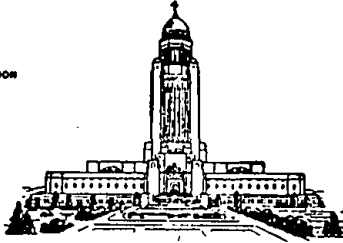
VOLUME II
TWENTY-FIFTH BIENNIAL REPORT
DEPARTMENT OF ROADS & IRRIGATION

TO THE
GOVERNOR OF NEBRASKA

1943 - 1944

DEPARTMENT OF ROADS AND IRRIGATION

WARDNER G. SCOTT,
STATE ENGINEER



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

State of Nebraska

DWIGHT GRISWOLD, GOVERNOR
LINCOLN

November 30, 1944

The Honorable Dwight Griswold
Governor of Nebraska

Sir:

In compliance with the provisions of the law I am transmitting to you herewith Volume II of the Twenty-fifth Biennial Report of the Department of Roads and Irrigation covering the activities of the Bureau of Irrigation, Water Power and Drainage for the water years ending September thirtieth for 1943 and 1944.

Respectfully submitted,

A handwritten signature in cursive script, reading "Wardner G. Scott". The signature is written in dark ink and is positioned below the typed name of the State Engineer.

State Engineer

TWENTY-FIFTH BIENNIAL REPORT

OF THE

**DEPARTMENT OF ROADS
AND IRRIGATION**

VOLUME II

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

TO

**HONORABLE DWIGHT GRISWOLD
GOVERNOR OF THE STATE OF NEBRASKA**

LINCOLN, NEBRASKA

1943-1944



NEBRASKA STATE CAPITOL

PREFACE

This edition of the biennial report is published in two volumes. Volume I contains detailed reports of the Bureau of Highways, the Motor Vehicle Division, and Law Enforcement and Public Safety. Volume II consists of the report of the Bureau of Irrigation, Water Power and Drainage.

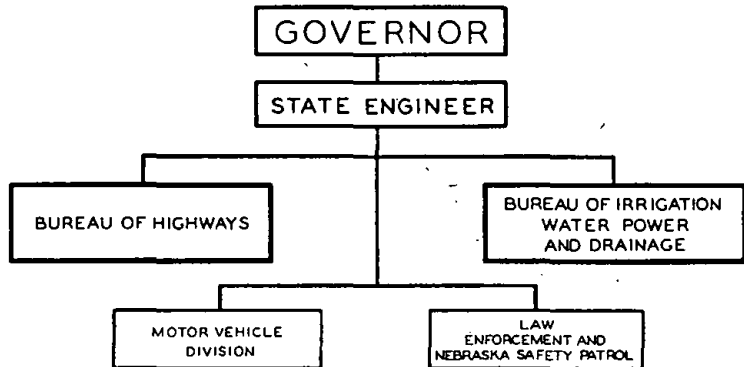
The first of this series of biennial reports were issued by the State Board of Irrigation which was established by the State Legislature in 1895. Originally this Board had no functions pertaining to highway construction, but in 1905, the Legislature provided that the State Board of Irrigation should, when requested by a county board, prepare plans and specifications for bridges if the estimated cost was in excess of \$200. The Eighth Biennial Report of the State Board of Irrigation for the years 1909-10 was the last of these reports issued by that Board.

In 1911, the Legislature provided State-aid for the construction of bridges to span streams exceeding a specified width. The functions of administering this Act were assigned to the State Board of Irrigation, Highways and Drainage—successor to the State Board of Irrigation. This Board issued the Ninth to the Twelfth Biennial Reports of the State Board of Irrigation, Highways and Drainage, dealing with its activities for the years of 1911-18.

The Civil Administration Code, enacted by the Legislature in 1919, abolished various boards and commissions, and created in their place six administrative departments under the direct control of, and with all authority vested in the Governor. Under this Act the State Board of Irrigation, Highways and Drainage was abolished, and the Department of Public Works was created as its successor. That Department was divided into the Bureau of Roads and Bridges, and the Bureau of Irrigation, Water Power and Drainage. It issued the Thirteenth to the Nineteenth Biennial Reports of the Department of Public Works, covering the years of 1919-32.

In 1933, the Legislature changed the name of the Department of Public Works to the Department of Roads and Irrigation. Since 1933 the Twentieth, and succeeding Biennial Reports of the Department of Roads and Irrigation have been issued.

This volume of the report contains data regarding the water supply of the state, and covers the activities of the Bureau of Irrigation, Water Power and Drainage during the water years ending September thirtieth for 1943 and 1944.



ORGANIZATION
OF THE
DEPARTMENT OF ROADS AND IRRIGATION
STATE OF NEBRASKA

EXECUTIVES AND EMPLOYEES

of the

BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

Wardner G. Scott, State Engineer.....	Lincoln
Robert H. Willis, Chief.....	Bridgeport
Dan S. Jones, Assistant Chief.....	Lincoln
A. W. Hall, Senior Engineer.....	Bridgeport
K. I. Ward, Statistician.....	Lincoln
K. S. Essex; Associate Engineer, to December 31, 1942.....	Bridgeport
J. P. Hansen, Junior Engineer.....	Bridgeport
A. C. Hilpert, Junior Engineer.....	North Platte
E. S. Kimmel, Junior Engineer.....	Bridgeport
C. E. Franklin, Junior Engineer.....	McGrew
D. E. Olson, Junior Engineer, to April 15, 1944.....	St. Paul
Merle V. Adkisson, Senior Engineer Assistant.....	McCook
Clerks and Typists (Five)	
Observers (Twenty-four)	

WATER SUPERINTENDENT

John J. Rasmussen, Superintendent Division No. 2-D.....Crawford

WATER COMMISSIONERS

George Gerlach, Republican River Basin, to July 13, 1943.....Culbertson
S. B. Hanna, Lodgepole Creek Basin.....Kimball

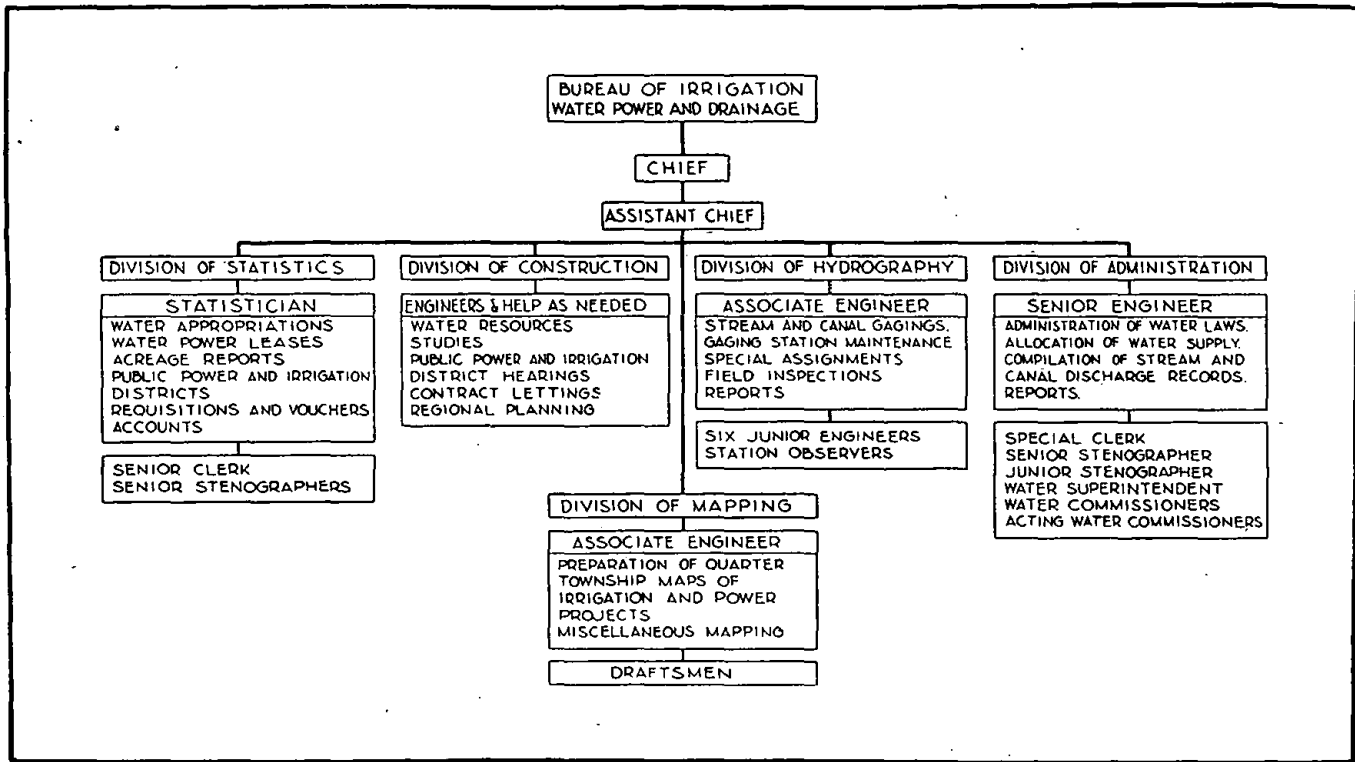
ACTING WATER COMMISSIONERS

Frank Ludden	Scottsbluff
L. B. Hall	Bridgeport
T. O. Haiston.....	Bridgeport
J. E. Mellman (1943).....	Gothenburg
Elmer Donahue	Ogallala

HONOR ROLL

Regular Employees of the Bureau of Irrigation who have entered the armed forces of the United States prior to September 30, 1944.

D. B. Ender, Junior Engineer.....	McCook
Melvin Kleen, Junior Engineer.....	North Platte
Ernest Caves, Senior Engineer Assistant.....	Lincoln



ADMINISTRATION

This Bureau is charged with the administration of the State laws relating to irrigation, water power and drainage. This involves the determination of water rights, the keeping of records relative to water appropriations, the allocation of the available water supply and the measurement and recording of the quantity of water flowing in the several streams of the State.

This portion of the report deals with the water supply of the State and the activities of the Bureau during the 1943 and 1944 water years.

WATER SUPPLY

The water supply of all streams within the State for the biennium was, generally speaking, very satisfactory considering, however, that the withdrawal of storage water impounded in the various reservoirs augmented the natural flow to the extent that canals were permitted to divert up to their respective legal limits.

The available water supply of the Platte River Basin was sufficient for the needs of the irrigators during the growing season of both the 1943 and the 1944 water years, which was 70 and 67 per cent of the 17-year mean, respectively. But, there was a deficiency of natural flow during the biennium in the Platte Basin which was taken care of by releasing storage water impounded in various reservoirs situated in the basin. For the 1943 water year, there were released from reservoirs, for irrigation and power use, between Guernsey, Wyoming, and Odessa, Nebraska, approximately 921,000 acre-feet. During the 1944 water year, approximately 947,000 acre-feet were released from reservoirs operating in the Platte Basin for use in the same area.

The following are comparisons of the water supply for the years of 1943 and 1944, with the 17-year mean (1925-1941): The runoff above the Seminole-Pathfinder-Alcova Reservoir System for 1943 was approximately 1,026,000 acre-feet, or 94 per cent of the 17-year mean, and for the 1944 water year, it was approximately 794,000 acre-feet or 73 per cent of the 17-year mean. The quantity intercepted for storage in the three reservoirs was approximately 673,000 acre-feet for 1943 and 537,000 acre-feet for 1944. Nearly all of the 1943 storage was withdrawn for the 1943 season, and all of 1944 current storage plus 140,000 acre-feet of that of 1943 was withdrawn for the 1944 season.

The outflow of the North Platte River at Alcova Dam for 1943 was 88 per cent of the 17-year mean and 81 per cent for the 1944 water year. The outflow at the Guernsey Dam for 1943 was 87 per cent of the 17-year mean and 85 per cent for the 1944 water year. The quan-

tity of water in the North Platte River passing Mitchell in the 1943 water year was 62 per cent of the 17-year mean and 53 per cent for the 1944 water year. The flow of the North Platte River at Oshkosh for 1943 was 75 per cent of the 17-year mean and 76 per cent for 1944 water year. The flow of the Platte River at the confluence of the North and South Platte Rivers for 1943 and 1944 water years was 79 and 72 per cent of the 17-yr mean, respectively.

Of the total annual flow in the river below the confluence of the North and South Platte Rivers, 19 per cent was storage water in 1943 and 18 per cent in 1944. The May-September flow at the confluence of the two rivers was 188 per cent of the ten-year mean (1932-1941) in 1943 and 197 per cent in 1944.

The flow of the South Platte River at North Platte for the year ending September 30, 1943 was 332 per cent of the 17-year mean and 257 per cent for 1944. The flow of the South Platte River at Julesburg for 1943 was 175 per cent of the 17-year mean and 110 per cent in 1944. The average flow during the present biennium was approximately one-third of the record high year, 1942.

The flow of the Platte River at Overton for the 1943 water year was 54 per cent of the 17-year mean and 47 per cent for the 1944 water year.

The runoff of Lodgepole Creek at Bushnell was 9,200 acre-feet in 1943 and 9,500 acre-feet in 1944. This runoff is just above the Oliver Reservoir and is very constant. The 10-year mean annual flow (1935-1944) is 9,500 acre-feet. About 43 per cent of the mean annual flow is intercepted for storage in the reservoir annually.

Pumpkinseed Creek is quite stable the year around. However, the flow is diminished more or less during the summer months due to diversions for irrigation. The mean annual flow is approximately 22,000 acre-feet. The 1943 discharge at the mouth was normal and the 1944 discharge was 20 per cent above normal.

The flood of June, 1944, in the Elkhorn River Basin was far the greatest of record. The annual discharge for the 1944 water year was 295 per cent of the 14-year (1930-1943) mean. The years of 1912 and 1932 are the nearest to that record, which were 183 and 164 per cent, respectively. 76 per cent of the entire discharge of the 1944 water year occurred during the four months, March to June. The peak flow was approximately 100,000 second-feet on June 12, 1944.

For the 1944 water year, the discharge of the Republican River at Bloomington was 48 per cent above the 15-year (1929-1943) mean. The discharge for the 1935, 1941 and 1942 years was 107, 71 and 41 per cent above the mean, respectively. Other years of record were normal or less.

The discharge of the Loup River at Columbus has changed radically since December of 1936. Beginning with December, 1936, the Loup

River Public Power District has diverted an annual average of 726,000 acre-feet for its plant at Columbus. The maximum diversion was made in the 1942 water year when 1,133,000 acre-feet were diverted, and the minimum was made in the 1937 water year when 119,000 acre-feet were diverted. Due to this diversion of water the flow of the river at Columbus is now about 76 per cent less than the 15-year (1929-1943) mean. The diversions of water for this plant bypass the Columbus gaging station on the Loup River. The diversion point is on the Loup River about twenty-five miles to the west of this gaging station and the water is returned to the Platte River four miles east of the station.

FLOODS

In the spring of 1943 the Missouri River, throughout its course on the eastern boundary of Nebraska, reached flood stages which exceeded all those of previous record. The first flood was caused by thawing snows and release of ice gorges on the headwaters of the river. The damage to farm lands and cities bordering on the stream amounted to millions of dollars. A second flood, of lesser proportions, occurred in May, 1943, as a result of rains.

Heavy floods occurred in northeastern Nebraska during May and June of 1944. The May floods were caused by rain storms concentrated in the vicinity of Plainview in the basin of the North Fork of the Elkhorn River and near Wayne in the Logan Creek Basin. Extensive damage was done to farm lands and improvements along the streams. The greatest damage occurred to property in the City of Norfolk where the entire business district and a large part of the residential section was inundated for several days. Because the intensive precipitation in this storm was confined to a relatively small area on the headwaters, the total basin runoff was not excessive and very little flooding occurred in the lower portion of the Elkhorn Basin.

On June 11 and 12, 1944, the greatest flood in the memory of long-time residents occurred in the lower portion of the Elkhorn Basin. This flood resulted from a storm of several days duration, climaxed by a rainfall of six inches or more in less than 12 hours on June 11. The area covered by excessive precipitation was roughly the counties of Burt, Cuming, Stanton, Colfax and Dodge. During the period June 10-12, according to records furnished by the United States Weather Bureau, from 7 to 16 inches of rain fell in the area. Heavy losses in crops, livestock and improvements were sustained in the valley from Stanton to the mouth of the river. All of the principal cities in the flood plain suffered heavy damages as did the railroads and highways.

Records of the discharge of the Elkhorn River at Waterloo have been maintained during the periods 1911-13 and 1928-44. Previous to 1944 the maximum discharge observed was 22,900 second-feet on June

7, 1940. The maximum discharge in 1944 was on June 12 in the amount of 100,000 second-feet.

The maximum discharge observed on the Platte River at Ashland, Nebraska, since the station was established in 1928, occurred on June 12, 1944. On that date, 107,000 second-feet were recorded, compared to a previous maximum of 59,000 second-feet on March 5, 1936. This station is just below the mouth of the Elkhorn River which contributed most of the runoff.

PRECIPITATION

The approximate average precipitation over the area west of the 99th Meridian in Nebraska for the year ending September 30, 1943, was 1.54 feet in depth and for 1944, it was 1.76 feet in depth. The precipitation over this area for the biennium was 22 per cent less than the 1941-42 biennium. Apparently more irrigation was needed in the present biennium than in the previous biennium to produce the same yield. The headgate diversions were approximately 2.17 feet in depth for land irrigated from Guernsey, Wyoming, to the 99th Meridian during 1943. For the 1944 water year, the headgate diversions were approximately 2.35 feet in depth for the land irrigated.

RESERVOIRS

Water impounded during the 1943-44 biennium in the Seminoe-Pathfinder-Alcova Reservoir System was approximately 16 per cent less than the 1941-42 biennium, while the runoff above the reservoirs for the 1943-44 biennium was 8 per cent less than the 1941-42 biennium.

The quantity of water intercepted for storage in the Kingsley Reservoir during the 1943-44 biennium was approximately 13 per cent less than during the 1941-42 biennium, while the runoff above the Kingsley Dam for the 1943-44 biennium was 9 per cent greater than the 1941-42 biennium.

The Sutherland Reservoir was not operated as a storage reservoir during the present biennium. However, it was useful as a regulator. No natural flow from the North Platte River was impounded during the biennium. Only transferred storage water from the Kingsley Reservoir was held in the Sutherland Reservoir as week to week regulation. The quantity in the reservoir during the biennium varied from 20,000 to 60,000 acre-feet.

The Oliver Reservoir is a part of the Kimball Irrigation District system. The reservoir is astride Lodgepole Creek. The records of the quantities in the reservoir are not as complete as they should be. In 1943, the maximum of record in the reservoir was 4,290 acre-feet on June 14. Of this amount, about 550 acre-feet were carried over from the previous year. In 1944 the maximum of 4,400 acre-feet occurred on June 13. Of this quantity, 660 acre-feet were carried over from 1943.

No record of the Whitney Reservoir storage was made available to the Department for 1943. For 1944, the maximum quantity in the reservoir was approximately 9,000 acre-feet in the month of May.

ADMINISTRATIVE ACTIVITIES

The distribution of the surface waters of the State for the biennium was not difficult. The diversions of water in the Platte River Basin required the usual routine supervision. It was expected that there would be demands for supervision of water distribution in the Loup River Basin but no complaints were made to the Department and it was, therefore, assumed that the supply was ample for both irrigation and power use.

The administrative powers of the Department have apparently been curtailed by virtue of the State Supreme Court Decision in the case *Plunkett vs. Parsons*, No. 31566. (See P. 21.) However, time will tell as to how much curtailment this decision will bring about, if any. This administrative curtailment is bothersome where a canal carries several appropriations having different priority dates. For example, the Department authorizes the diversion of water into a canal for use on lands having an earlier priority than other appropriations in the same canal. Owners of land with later priorities have in the past used the water instead of permitting it to be applied to the land entitled to have it. Obviously this would bring protest from irrigators under other canals in the same basin, which were closed for the senior rights but not for the junior rights under the canal carrying water for several appropriations.

Distribution of the water available to the Northport Irrigation District was administered in accordance with the United States Court Order in the case, *United States vs. Tilley, et al.* Under the provisions of the Nebraska Statutes, no allotment of natural flow shall exceed a rate of diversion of one cubic foot per second of time for each seventy acres of land irrigated; exclusive of water from storage reservoirs. The quantity of storage water is not limited. The United States Court held that the water from the drainage area above the Tri-State Canal is to be conveyed in the Tri-State Canal to the Red Willow rating flume for use on lands within the Northport Irrigation District. Some of the water carried from the drainage area is from precipitation, however, the major portion is diverted at Whalen, Wyoming, carried through the Interstate Canal and spread over the irrigated land within the Pathfinder Irrigation District. The residue of the water used within the Pathfinder District is conveyed in the Tri-State Canal for reuse on Northport District lands. It appears from the past records that the water from the drainage area is sufficient to supply the needs of the Northport District although supplemental storage water is diverted from the river into the Tri-State Canal at its headgate which is in addition to the drainage water.

For the water year of 1943, there were diverted for irrigation including the difference between the quantity diverted for power and the

quantity returned to the streams in the Platte River Basin from Guernsey, Wyoming, to Odessa, Nebraska, approximately 2,428,000 acre-feet and for the 1944 water year, approximately 2,309,000 acre-feet.

The Central Nebraska Public Power and Irrigation District has not completed the application of water to all the lands under the project. Under Application 2355, the District is entitled to irrigate 164,117 acres. Of this acreage, 31 per cent was irrigated in 1943 and 37 per cent in 1944. There are 3,119 acres under Application 3620 entitled to storage water only, of which there were 370 acres irrigated in 1943 and 785 acres in 1944. This area is parallel to the main canal from Township 8, Range 23 West to Township 13, Range 29 West. The Central Nebraska Public Power and Irrigation District used 55,210 acre-feet of water on 50,686 acres in 1943 and 49,728 acre-feet on 61,256 acres in 1944.

The Platte Valley Public Power and Irrigation District delivered approximately 54,000 acre-feet of storage water in 1943 to headgates of eight canals east of North Platte and approximately 35,000 acre-feet in 1944.

HYDROGRAPHY

Hydrographical activities during the present biennium were curtailed materially due to the loss of men employed on this work. The water supply of the State was quite satisfactory, thereby mitigating the shortage of measurements of canal diversions and streams, but information relative to water supply will not be as complete as we would like to have, and would have if a full staff of hydrographers were engaged in the work. The measurements of canals and streams for 1944 were about 16 per cent less than 1943. Only two measurements were made on each of seven canals in the Loup River Basin during 1944. Daily diversions cannot be compiled from two measurements. No canal measurements were made during the 1943 season in the Loup River Basin after May 22. The United States Geological Survey made 2,667 stream measurements during the biennium including measurements made by one Nebraska hydrographer. Nebraska hydrographers made 6,983 stream measurements and 5,959 canal measurements during the present biennium.

The co-operative agreement with the United States Geological Survey was continued on the same basis as during the previous biennium, an annual expenditure of \$20,000 being made by the Survey in the State.

At the close of the 1944 water year there were a total of 72 stream-gaging stations in operation.

WATER COMMISSIONERS

Four acting water commissioners, including one woman, were employed in the Platte River Basin from the Wyoming-Nebraska line to

Odessa, Nebraska, during the biennium. Their services covered five months, May to September, inclusive. On the Lodgepole Creek, there is only one water commissioner who confines his services to Kimball County. The Superintendent in Divisions 2-E, 2-D and part of 2-C distributed the water in that area satisfactorily.

Since July 1, 1943, we have been without a water commissioner in the Republican River Basin, due to the former commissioner resigning to go into war work. The commissioner's duties have since been handled by the hydrographer stationed in the basin. While this procedure has sufficed during the emergency, it is not entirely satisfactory. A regular water commissioner should be appointed as soon as the manpower situation will permit.

DEVELOPMENT

The Platte Valley Public Power and Irrigation District has prepared plans for constructing a canal on the south side of the South Platte River. The diversion dam for this canal will be located about seven miles west of Paxton. The District filed a petition with the Department for an optional diversion identified as Petition No. 248. When the project is completed, the District proposes to divert a quantity of water in lieu of an equivalent amount from the North Platte River to which the district is entitled by virtue of Application 2350 with a priority date of January 13, 1934. It is the theory of the district that water of the South Platte River will carry sufficient silt to seal the Sutherland Reservoir and thereby reduce the loss of water of the reservoir through seepage.

The proposed Nebraska Mid-State Project covers an area of about 400,000 acres that can be irrigated on the north side of the Platte River from Overton to near Central City, Nebraska. There are some twenty odd reservoirs and seven power plants included in the proposed project.

The site of the Twin River Project is in the vicinity of St. Paul, Nebraska. The promoters of this project propose to reclaim an area of 60,000 acres. Three canals are proposed for construction to convey the water to the land. A storage reservoir of 90,000 acre-feet capacity is proposed for construction across the channel of the Loup River below the confluence of the North and South Loup Rivers.

The construction of the Mirage Flats Project is entirely under the supervision of the United States Bureau of Reclamation. The project is about 75 per cent completed. The reservoir constructed across the Niobrara River west of Dunlap, Nebraska, will have a capacity of 47,000 acre-feet, and 12,000 acres will be served when the project is completed.

CANCELLATION OF UNUSED APPROPRIATIONS

When the opportune time arrives, the Department should cancel unused appropriations in conformity with the provisions of Section 46-229, R. S. 1943, Nebraska. There are on record appropriations ac-

quired prior to April 4, 1895, for use in the Platte River Basin of approximately 5400 second-feet of water, of which approximately 3000 second-feet are not now being used. Probably 95% of this 3000 second-feet has never been used.

STATISTICAL SUMMARY

The following is a summary of statistics for the biennium ending September 30, 1944:

Applications for water appropriations.....	186
Permits issued	111
Appropriations canceled	124
Applications dismissed	2
Applications pending to divert water from running streams.....	83
Applications pending to use ground water for irrigation.....	136
Certificates of perfected appropriations issued.....	9
Hearings held	13
Relocation permits	5
Water power leases.....	2
Deeds recorded	129
Districts organized under Chapter 70, Article 6 R. S. 1943.....	1
Field investigations	57
Maps and plans filed.....	92
Stream gagings made by Nebraska.....	6,983
Canal gagings made by Nebraska.....	5,959
Stream gagings made by the United States Geological Survey.....	2,667
Gaging stations with automatic recorders.....	59
Gaging stations with observers.....	13
Fees collected covering:	
Applications, plans, water power fees, deeds, petitions and copying records.....	\$40,082.57

MISCELLANEOUS ACTIVITIES

GROUND-WATER STUDY

The co-operative test-drilling program into which the Bureau of Irrigation entered in 1942 with the Conservation and Survey Division of the University of Nebraska and the Division of Ground Water, United States Geological Survey, has been continued during 1943 and 1944. The small drill rig owned by the University was manned and operated by the Bureau of Irrigation.

During 1943, 62 test holes were drilled in Madison, Stanton and Cuming Counties in the Elkhorn River Valley and 48 were drilled in Valley, Greeley and Howard Counties in the North Loup River Basin. During 1944, fourteen test holes were drilled in Holt County, north and west of O'Neill, and 78 in Sherman, Buffalo, Custer, Boone and Greeley Counties, the latter in the Loup River Basin.

The general purpose of the test-drilling program is to determine the probable availability of ground water for irrigation supplies, and therefore the drilling was largely confined to areas where slopes and soil conditions are favorable for irrigation. In addition to the regular program, the Rockville, Boelus, Davis Creek, Ericson and Loretto dam sites, which are being studied by the Bureau of Reclamation, were drilled. The Bureau of Reclamation assisted in the work by furnishing one of the three men required to operate the drill rig.

A report on the co-operative work for 1942 in the Republican River Basin in Nebraska is being published by this Bureau. The material for the report was assembled and prepared for publication by the Bureau of Irrigation in co-operation with the Conservation and Survey Division and the United States Geological Survey. This report contains all of the data available as a result of test drilling in the basin by the Federal and State Geological Surveys, prior to 1942, and the drilling of dam sites by the Bureau of Reclamation and the United States Engineers as well as the data obtained since 1942 when the Bureau of Irrigation entered into the co-operative program. The report is being published in four parts, as follows:

Part I. Nuckolls, Webster and Harlan Counties

Part II. Furnas County

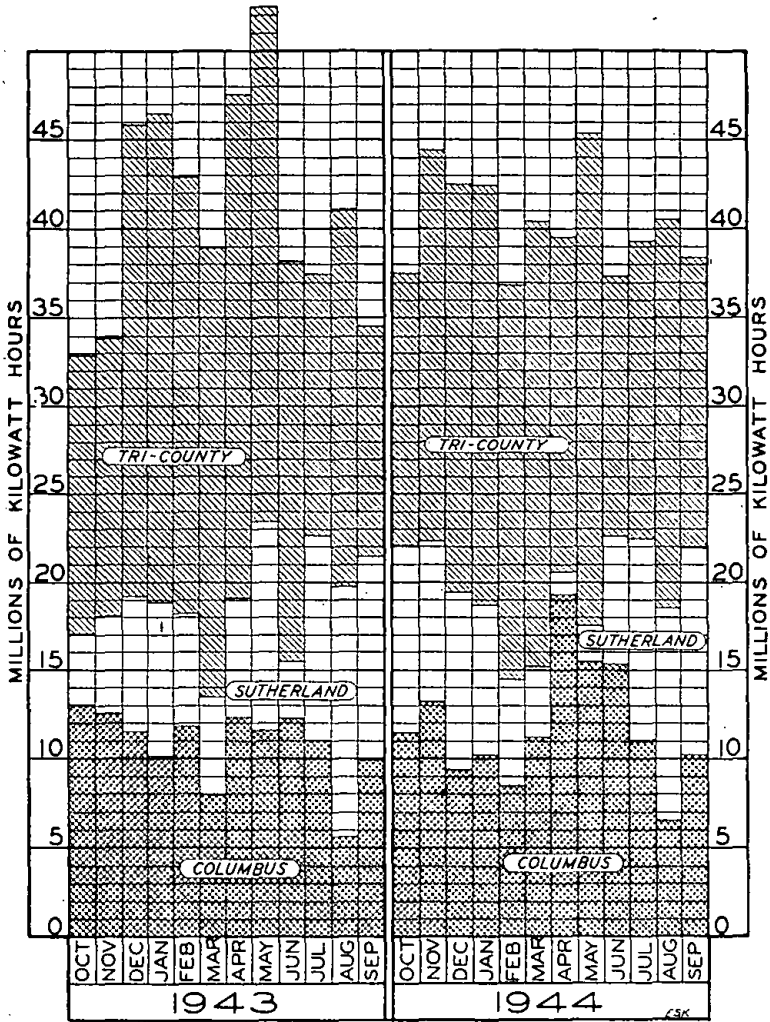
Part III. Red Willow and Frontier Counties

Part IV. Hitchcock, Dundy, Chase and Hayes Counties.

Copies of the report may be obtained upon request from the Conservation and Survey Division or the Bureau of Irrigation.

The data obtained in the Lodgepole Valley in 1942 and in the Elkhorn and Loup Basins in 1943 and 1944 are being prepared for publication and will be available at a later date.

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



PUBLIC POWER AND IRRIGATION DISTRICTS

During the period covered by this report, departmental approval has been given to the organization of one rural public power district, the amendment of the creative petitions of seven districts, and the dissolution of four districts. There are now 23 organized rural public power districts in the State of which 21 are in operation. Maps showing the location of the districts, and lists of the districts, giving the municipalities constituting each, will be found on other pages of this report.

Construction by the districts during the past two years has been limited to that which was considered essential to the war effort, and consequently, the number of contract lettings which the Bureau of Irrigation supervised has been small. A total of 14 lettings were held under the supervision of this Bureau. In five of these, no contracts were awarded for the reason that the bids exceeded the engineer's estimate or that no bids were received. The accompanying table shows the districts which let contracts under the Bureau's supervision, the number of lettings, and the total amount of the contracts.

CONTRACTS AWARDED BY PUBLIC DISTRICTS
FOR WHICH CERTIFICATES OF APPROVAL HAVE BEEN ISSUED
BY THE DEPARTMENT OF ROADS AND IRRIGATION
October 1, 1942 to October 1, 1944

Name of District	Address	Number of Lettings	Contracts Amount
The Central Nebraska Public Power and Irrigation District.....Hastings			
Cuming County Rural Public Power District.....	West Point	5	\$2,425,011.00
Loup River Public Power District.....	Columbus	1	5,951.53
Norris Rural Public Power District.....	Fairbury	1	6,700.00
Northeast Rural Public Power District.....	Emerson	1	8,657.23
		1	9,675.45
Total		9	\$2,455,995.21

The contracts listed in the table do not reflect all of the expenditures of the districts for labor and materials. Several of the districts have let contracts without the supervision of this Department, under the emergency clause of the law.

The 1943 Legislature amended the law relative to the filing of annual audit reports by the districts, to provide that they shall be filed with the Auditor of Public Accounts. Consequently, the audits, which prior to 1943 were received and filed by this office, are now being filed in the office of the State Auditor.

INTERSTATE RIVERS

In accordance with the provisions of the Republican River Compact, a stream gaging program has been set up for obtaining the data nec-

essary for the administration of the compact. The State Engineers of Colorado, Kansas and Nebraska met with Mr. Glenn L. Parker, Chief Hydraulic Engineer, United States Geological Survey, in July, 1943, to formulate the program, and designated 17 stream-gaging stations in the basin as "compact stations." It was the unanimous opinion of the parties that the stream flow data on which the apportionment of water to the signatory States will be made, should be obtained by a disinterested agency. Consequently, the Geological Survey was requested to establish and maintain the compact stations. Federal funds in the amount of \$25,000 were made available on July 1, 1944, and a resident office of the Geological Survey was set up in Cambridge, Nebraska, to carry on the work under the direction of the District Engineer of the Lincoln District. Under this arrangement, the 17 gaging stations—10 formerly maintained by Nebraska and 7 new—will be maintained as Federal type stations. The other stations now in operation in the Nebraska portion of the basin will continue to be maintained under the co-operative agreement between the State of Nebraska and the Geological Survey.

THE MISSOURI RIVER

The State Engineer, as a member of the Missouri River States Committee, has participated in numerous conferences with members of the committee from the eight other States in the basin relative to the formulation of a co-ordinated plan for the development of the water resources of the Missouri River Valley. It has been largely through the work of this Committee that the flood control and navigation plans of the Army Engineers, and the irrigation and power plans of the Bureau of Reclamation have been integrated into one co-ordinated plan which, when carried to completion, will result in the complete development of the Missouri River Basin.

Under the co-ordinated plan, which has been incorporated in the omnibus flood control bill now before Congress, a total of 101,000,000 acre-feet of storage capacity for flood control, irrigation, navigation and power would be provided in the entire basin. In addition, necessary levees and river controls would be installed from Sioux City to St. Louis.

COURT DECISIONS

THOMAS PLUNKETT, APPELLEE, v. CON PARSONS, APPELLANT.
10. N. W. (2d) 469

Filed July 2, 1943. No. 31566.

1. **Highways.** The department of roads and irrigation is an administrative body having certain quasi-judicial powers.
2. **Waters.** The quasi-judicial powers of the department of roads and irrigation have application only to the granting and cancellation of appropriation rights and priorities.
3. ———. The legislative grant of jurisdiction to the department of roads and irrigation does not extend to its power to adjudicate vested rights or to make an adjudication with regard to apportionment of irrigation water between users, which has passed through diversion outlets into common private ditches for dispersion over lands to be irrigated.
4. ———. The matter of apportionment of waters after they have passed into common private ditches for dispersion is a function which belongs to the courts.
5. ———. The right to the use of water for irrigation acquired regularly under the irrigation statutes of the state is a vested right and the department of roads and irrigation is without jurisdiction to make an adjudication in regard to such vested rights.
6. **Appeal.** A party is not barred from asserting for the first time on appeal that an inferior tribunal was without jurisdiction of the subject-matter of the action.
7. **Courts.** Jurisdiction of the subject-matter of an action cannot be conferred on a tribunal not empowered to entertain jurisdiction by acquiescence or consent of the parties.

APPEAL from the Department of Roads and Irrigation. Reversed, with directions.

Schnurr & Mumby, for appellant.

Porter & Porter, contra.

Heard before SIMMONS, C. J., PAINE, CARTER, YEAGER and WENKE, JJ., and LIGHTNER, District Judge.

YEAGER, J.

This is an appeal by Con Parsons, respondent and appellant, from an order of the department of roads and irrigation apportioning irrigation waters among several subdivisions of sections 25, 35 and 36, township 33, range 56, west of the 6th P. M. in Sioux county, Nebraska, and from an order denying a rehearing. The lands in sections 25 and 35 are the property of Con Parsons, respondent and appellant. Section 36 is school-land and is held under lease by complainant and appellee.

In order to understand the matter presented it becomes necessary

to go back to 1885 and 1886, the years in which notification of appropriation of water for irrigation of the lands was given, without question, in accordance with statute.

In 1895 one Charles E. Schilt was the owner of the lands in controversy in sections 25 and 35 and held the lease on section 36. On December 13, 1897, pursuant to posting and filing of notice in accordance with statute, a hearing was had and the state board of irrigation (now department of roads and irrigation) adjudicated in docket 507 an appropriation of water for irrigation out of Cedar creek to be headed into a canal beginning on the west bank of Cedar creek at a certain point in the northwest quarter of the southeast quarter of section 35. In the opinion it was found that this appropriation furnished about one-third of the water required for reclamation of about 120 acres of land in the northeast quarter of section 35, the northwest quarter of section 36 and the south half of the southwest quarter of section 25. The reclaimed acreage in the separate sections or parts of sections was not determined. The priority date of the appropriation was fixed as of May 15, 1885.

On the same date and likewise pursuant to notice, a hearing was had and the state board of irrigation adjudicated in docket 508 an appropriation of water for irrigation out of Prairie Dog creek to be headed into the same canal as the one mentioned in docket 507 but from the east bank of Prairie Dog creek at a point in the southwest quarter of the northeast quarter of section 35. In the opinion it was found that this appropriation furnished about two-thirds of the water required for reclamation of about 120 acres of land in the southwest quarter of the northeast quarter, and the northeast quarter of the northeast quarter of section 35, the north half of the northwest quarter, and the northwest quarter of the northeast quarter of section 36, and the south half of the southwest quarter of section 25. Like in docket 507 the reclaimed acreage in the separate sections or parts of sections was not determined. The priority date of the appropriation was fixed as of May 31, 1886. This adjudication by its terms makes the appropriation a supplemental or correlative appropriation to the one adjudicated in docket 507. The following is the declaration of the opinion in that respect: "The water appropriated shall be used for the purpose of irrigation on the lands for which appropriation is granted in Opinion Docket No. 507."

At some time after these appropriations became established it would appear that one Samuel Knori became the owner of sections 25 and 35 and the lessee of section 36 and that he used all of the land as a ranch. Later still, the date or dates of which are not made clear by the record, the appellee became the lessee of section 36 and the appellant became the owner of the portions of section 25 and 35 involved in this action.

After acquiring the leasehold on section 36 the appellee filed what he termed an amended complaint in the original dockets 507 and 508 in which he declared that appellant refused him for section 36 the por-

tion of the water to which he was justly entitled under these appropriations and sought an adjudication by the department of roads and irrigation (successor to the state board of irrigation) of the amount or portion of the water to which section 36 was entitled thereunder.

To the amended complaint appellant filed an answer which contained a general denial. In addition to the general denial appellant alleged that he and his predecessors in interest have since 1885, and under the docket 507 appropriation, irrigated 40 acres in the south half of the northeast quarter of section 35, and since 1886, under the docket 508 appropriation, they have irrigated 66 acres more or less in the northeast quarter of the northeast quarter and the southwest quarter of the northeast quarter of section 35, and the south half of the southwest quarter of section 25, and that by reason thereof he is entitled to water for irrigation for said acreage so claimed to have been irrigated. He prayed for ratification and confirmation of this claimed right.

The sole issue presented by these pleadings for determination was the respective rights of the parties in the division of the waters diverted from Cedar creek and Prairie Dog creek under these appropriations for irrigation of their lands, after the diverted water leaves the two creeks. No question of regularity or priority of appropriation or diversion is involved.

A regular hearing was had before the department of roads and irrigation at which R. H. Willis, chief of the bureau of irrigation, water power and drainage, presided. Both parties adduced evidence, at the conclusion of which and on July 31, 1942, the department, among other irrigation, water power and drainage, presided. Both parties adduced things not necessary to be set out here, made a designation of land to be irrigated, as follows: 40 acres in section 35 under docket appropriation 507, and 8.6 acres in section 35, 14.6 acres in section 25 and 56.8 acres in section 36 from docket appropriation 508.

The hearing was had before the department of roads and irrigation without objection to the jurisdiction of the department over the subject-matter of the controversy.

After determination was made and after motion for rehearing was denied, appeal was perfected to this court.

For his first assignment of error the appellant urges that the department of roads and irrigation was without jurisdiction of the subject-matter of the controversy. To this question our attention must first be directed.

The general jurisdiction of the department of roads and irrigation is defined in section 81-6314, Comp. St. 1929, as follows: "The department of public works is given jurisdiction over all matters pertaining to water rights for irrigation, power or other useful purposes, highways and drainage and shall adopt rules governing matters coming before it." While this section confers certain judicial power it cannot be

said that the department of roads and irrigation is a judicial tribunal. It is an administrative body with quasi-judicial powers.

In the 24th syllabus point in *Crawford Co. v. Hathaway*, 67 Neb. 325, 93 N. W. 781, it is stated: "The duties of the state board of irrigation as provided for in the irrigation act of 1895 (Session Laws, ch. 69), are administrative, and not judicial. The sections of the statute creating such board are not unconstitutional, as conferring judicial powers on executive officers." The state board of irrigation was the predecessor of the present department of roads and irrigation.

In *In re Application of Babson*, 105 Neb. 317, 180 N. W. 562, it was stated: "The department of public works is an administrative body, having quasi-judicial functions, and is invested with reasonable discretion in the exercise of its supervisory powers." The language was approved in *State v. Oliver Bros.*, 119 Neb. 302, 228 N. W. 864. The department of public works was successor to the state board of irrigation and predecessor to the department of roads and irrigation.

In *State v. Cochran*, 138 Neb. 163, 292 N. W. 239, speaking of the department of roads and irrigation, it was stated: "The quasi-judicial powers conferred upon the department have application only to the granting and cancelation of appropriation rights and priorities."

The legislative grant of jurisdiction to the department of roads and irrigation does not extend to it the power to adjudicate vested rights or to make an adjudication with regard to the apportionment of irrigation water between users, which has passed through diversion outlets into common private ditches for dispersion over lands to be irrigated. This is a function which belongs to the courts.

In *Larned v. Jenkins*, 102 Neb. 796, 169 N. W. 723, this court said: "If tenants in common cannot agree, and one insists upon wrongly locating a lateral or causing an unreasonable multiplicity of outlets, or refuses proper measuring weirs or boxes, or does any other act which prevents or threatens the others in their use of the portion of the water going to them, the courts will protect the rights of all, by injunction or otherwise, and will, if necessary, appoint a commissioner to take charge for such protection." See, also, *Carnes v. Dalton*, 56 Or. 596, 110 Pac. 170; 3 Kinney, *Irrigation and Water Rights* (2d ed.) sec. 1455; Wiel, *Water Rights* (3d ed.) sec. 344.

In *City of Fairbury v. Fairbury Mill & Elevator Co.*, 123 Neb. 588, 243 N. W. 774, it was stated: "The right to the use of water acquired prior to the enactment of the statute of 1895 was a vested property right." The rights here accrued prior to that date. The rights here having been vested rights the department of roads and irrigation had no power to interfere therewith. *State v. Cochran, supra*.

We must conclude therefore that the department of roads and irrigation was without jurisdiction to entertain and determine the issue presented by the amended complaint of the appellee herein, unless by fail-

ure of appellant to raise the issue of jurisdiction at the hearing before the department he is barred from raising it here.

Clearly under the authorities he is not so barred. It is well-settled that if a judicial tribunal has no jurisdiction of the subject-matter of an action jurisdiction cannot be obtained either by acquiescence or consent of the parties. *Anderson v. Story*, 53 Neb. 259, 73 N. W. 735; *Johnson v. Bouton*, 56 Neb. 626, 77 N. W. 57; *Armstrong v. Mayer*, 60 Neb. 423, 83 N. W. 401; *Crawford Co. v. Hathaway*, 61 Neb. 317, 85 N. W. 303; *Edney v. Baum*, 70 Neb. 159, 97 N. W. 252.

The case of *Crawford Co. v. Hathaway*, *supra*, was a case wherein matters of irrigation were involved. The court said: "Nor will the mere consent of the parties confer jurisdiction upon the court, where the subject-matter belongs to a tribunal of special and inferior jurisdiction, like the state board of irrigation, from whose decision an appeal lies to the court in which the parties seek redress." By this and the other decisions it is made clear that acquiescence in or consent to action in an inferior tribunal is no bar to the right to object in an appellate tribunal that the inferior tribunal was without jurisdiction over the subject-matter of the action.

The department of roads and irrigation was without jurisdiction over the subject-matter of the amended complaint of appellee and in consequence this court is without jurisdiction to determine the issues presented by such amended complaint on appeal.

In the light of this determination of the matter of jurisdiction we find it unnecessary to discuss the other assigned errors.

The order of the department of roads and irrigation is reversed and cause remanded with directions to dismiss the amended complaint.

REVERSED, WITH DIRECTIONS.

FRANK L. ROBINSON, APPELLEE, v. DAWSON COUNTY IRRIGATION
COMPANY ET AL., APPELLANTS

8 N. W. (2d) 179

Filed February 5, 1943. No. 31444.

1. **Waters.** An irrigation company may properly maintain an action to establish and protect its water rights by enjoining the unlawful diversion of its irrigation water supply, and such a suit may be brought without joining its stockholders or water users as parties.
2. ———. In a suit against a junior appropriator for damages for unlawfully diverting the irrigation waters of a down-stream senior appropriator, it is a complete defense to such suit to establish that the available water passing the junior appropriator's headgate would not, if not diverted or interrupted, reach the headgate of the senior appropriator in a usable quantity.
3. **Judgment.** A final judgment by a court of competent jurisdiction on the merits of the case is a bar to a future suit between the same parties or their privies upon the same cause of action.

4. **Waters.** Where evidence of damage to growing crops resulting from the unlawful conversion of storage water is so commingled with evidence of alleged damage resulting from the taking of the natural flow of the stream to which defendant was entitled that the one cannot be separated from the other and the damage caused by each cannot be ascertained, the judgment cannot be said to be supported by the evidence.

APPEAL from the district court for Buffalo county: ELDRIDGE G. REED, JUDGE. *Reversed.*

Lyman M. Stuckey, W. A. Stewart, Jr., and H. L. Blackledge, for appellants.

Dryden, Dryden & Jensen, contra.

Heard before SIMMONS, C. J., EBERLY, CARTER, MESSMORE and

YEAGER, J.J.

CARTER, J.

This suit was instituted against the Dawson County Irrigation Company and the Elmcreek Ditch Company to obtain injunctive relief and to recover a judgment for damages in the sum of \$6,026. Plaintiff waived his alleged right to an injunction against both defendants and the case then proceeded as one for damages before a jury. The jury returned a verdict for \$3,125 and judgment was entered against the defendants for this amount. Defendants appeal.

Plaintiff filed his petition on January 31, 1941, alleging that he was the owner of 340 acres of land in Buffalo county lying within the Kearney Mutual Irrigation Company, hereinafter referred to as the "irrigation company." By virtue of his lands lying within the irrigation district, plaintiff entered into a contract with the Central Power Company with reference to the delivery and use of irrigation waters from the Central Power Company canal, said Central Power Company being the owner of an appropriation of the waters of the Platte river with a priority date of September 10, 1882. It is further alleged that on December 26, 1935, the irrigation company entered into a contract with the Platte Valley Public Power and Irrigation District whereby the latter was to deliver certain storage water for irrigation purposes to the irrigation company for the use of plaintiff and others similarly situated. The petition then alleges that the Dawson County Irrigation Company procured a restraining order restraining the officers of the state having supervision of the distribution of the natural flow of the waters of the Platte river in accordance with priority rights and of certain storage waters being carried in the river channel pursuant to the irrigation district's contract with the Platte Valley Public Power and Irrigation District, from interfering with the taking of said water by the Dawson County Irrigation Company. Thereupon said water was taken by the Dawson County Irrigation Company and the Elmcreek Ditch Company. The petition alleges that the water so taken belonged to the plaintiff

and other irrigators similarly situated within the irrigation district and that such taking was tortious and wrongful. Plaintiff claims damages for injuries to his growing crops resulting from the failure to get that water to which he was entitled that was wrongfully taken by the defendant irrigation companies.

The plaintiff having waived his claim to injunctive relief, the only question for our determination is the correctness of the judgment in the amount of \$3,125 for damages alleged to have resulted from the unlawful taking of plaintiff's water during July and August, 1940.

The record shows that the Central Power Company is the legal holder and owner of an appropriation of the waters of the Platte river for 140 second-feet for power purposes and 22 second-feet for irrigation purposes with a priority date of September 10, 1882. The defendants also have appropriations of water in the Platte river for irrigation purposes junior to the rights of the Central Power Company. Plaintiff's right to irrigation water from the natural flow of the Platte river stems from the appropriation held by the Central Power Company.

The record further discloses that on July 4, 1940, the department of roads and irrigation officially notified the Dawson County Irrigation Company that it was then entitled to no part of the natural flow of the Platte river and forbade any diversions from the river other than 125 second-feet of storage water to which it was entitled. Thereupon the Dawson County Irrigation Company filed its petition in the district court for Dawson county praying for an injunction against A. C. Tilley, Robert H. Willis and A. H. Hamilton, setting forth their capacities as officers of the department of roads and irrigation, and other defendants, in which it was alleged that the Dawson County Irrigation Company had an appropriation from the natural flow of the river; that there was no appropriator of natural flow on the river below its headgate having an appropriation senior to it in point of time except the Central Power Company; that the headgate of the Central Power Company was approximately 35 miles below the headgate of the Dawson County Irrigation Company; that the bed of the river was approximately a mile wide with a dry bed of sand of great depth at the time the petition was filed; that the only reason for ordering the Dawson County Irrigation Company to refrain from taking natural flow waters from the river was to further attempt to deliver water at the headgate of the Central Power Company, an appropriator senior to it in point of time; that any quantity of water less than 1,000 second-feet flowing in the river at the headgate of the Dawson County Irrigation Company will not reach the headgate of the Central Power Company in usable quantities, but will sink away and be lost in the sand bed of the river and by evaporation, and will be of no beneficial use to any person; that at the time of filing the petition there were but 100 second-feet of water at the headgate of the Dawson County Irrigation Company, that it would be utterly impossible for any of the flow of the river to reach

the headgate of the Central Power Company and to deprive the Dawson County Irrigation Company of the water would be to waste said water and cause the same to be of no beneficial use to any one.

On July 5, 1940, a restraining order was issued enjoining the officials of the department of roads and irrigation from in any manner interfering with the headgates of the Dawson County Irrigation Company and from interfering with the diversion of waters flowing in the Platte river into the canal of said defendant irrigation company.

On July 23, 1940, a petition in intervention was filed by the Central Power Company, Walter Sheen, Frank Robinson, O. L. Erickson, A. C. Wittera and H. W. Kendall, in which the rights of the Central Power Company in the natural flow of the river are set forth and the further allegation that interveners, other than the Central Power Company, are owners of land which is irrigable and is being irrigated from waters contained in the appropriation of the Central Power Company and are beneficial owners of that part of the water right of the Central Power Company which was granted for irrigation purposes. The petition in intervention denies generally the allegations of the petition, alleges the ownership of their lands subject to irrigation, the nature of the crops growing thereon, and the immediate necessity for irrigation water to be used in maturing the crop. The good faith of the Dawson County Irrigation Company is challenged and the results of the action taken by it are alleged to wrongfully deprive the interveners of their prior rights and to subject them to irreparable damage. Interveners asked that the prayer of the petition be denied, that the restraining order and temporary injunction be dissolved, and for such other relief as may be just and equitable. The defendant officers of the department of roads and irrigation filed their answers alleging the correctness of their closing order of July 4, 1940, and praying for a denial of the relief sought by the Dawson County Irrigation Company. On March 10, 1941, the Dawson County Irrigation Company, as its separate answer to the petition in intervention and as reply to the answer of the officers of the department of roads and irrigation, filed its general denial.

On March 10, 1941, the case was tried and a decree generally in favor of the Dawson County Irrigation Company and against the defendants and interveners was entered, in which the following pertinent findings were made: That on July 5, 1940, there was no available water in the Platte river that could be delivered at the Central Power Company's headgate, and that no water could be so delivered prior to July 10, 1940. That on July 11, 12, 13, 14 and 15, 1940, as a result of a heavy rain, the Central Power Company received the full amount of its appropriation from the natural flow of the river. That after July 15, 1940, no water could be delivered to the headgate of the Central Power Company in usable quantities for the reasons stated in the petition of the Dawson County Irrigation Company. The injunction was thereupon made permanent as against the officers of the department of roads and irri-

gation and the petition in intervention dismissed. This decree was never modified or appealed from and remains in all respects final.

From this statement of the issues and of the matters adjudicated in the foregoing case, it is apparent that the rights of the Dawson County Irrigation Company and the Central Power Company to the natural flow of the river were conclusively settled. It having been decided that the Central Power Company had no rights in the water as against the Dawson County Irrigation Company, and the decree having become final, the doctrine of *res adjudicata* is applicable and the Central Power Company, and those in privity with it, are estopped from asserting any rights to the natural flow of the river during the period covered by the decree in the former case.

The former case was decided under the following applicable principles of irrigation law:

"An action lies to establish and protect the company's water rights or enjoin the unlawful diversion of its supply of water, and such a suit may be brought by the company without joining its stockholders or consumers as parties." 67 C. J. 1386. See, also, *Montrose Canal Co. v. Loutsenhizer Ditch Co.*, 23 Colo. 233, 48 Pac. 532; *Thorpe v. Tenem Ditch Co.*, 1 Wash. 566, 20 Pac. 588.

"A ditch company may maintain an action to protect the rights of the consumers of water through its ditch, and it is not necessary to join such consumers with the ditch company as parties plaintiff in an action for that purpose." *Town of Sterling v. Pawnee Ditch Extension Co.*, 42 Colo. 421, 431, 94 Pac. 339. See, also, 5 Bancroft, Code Pleading, 4465, sec. 2431; *Farmers Independent Ditch Co. v. Agricultural Ditch Co.*, 22 Colo. 513, 45 Pac. 444.

"A senior appropriator is entitled to water as against an upstream junior appropriator as long as water in usable quantities can be delivered to him." *State v. Cochran*, 138 Neb. 163, 292 N. W. 239.

"Junior appropriators may use available water within the limits of their appropriation so long as the rights of senior appropriators are not injured or damaged." *State v. Cochran, supra*.

"Where all the available water passing a certain point on the stream would not, if not diverted or interrupted, reach a senior appropriator downstream, junior appropriators may lawfully divert water within the limits of their appropriations, and such diversions are not in law out of priority diversions." *State v. Cochran, supra*.

In the light of these principles, the Dawson county district court determined the diversion of irrigation waters by Dawson County Irrigation Company, between the 1st day of July, 1940, and the last day of August of that year, on the merits, and adjudged the same to be lawful; that the Dawson County Irrigation Company was entitled to the water it thus received. This is the legal effect of its judgment entered. It had jurisdiction of the parties litigant, of the causes of action, and of the subject-matter to which they related.

In 34 C. J. 750, it is stated: "A judgment rendered by a court of competent jurisdiction on the merits is a bar to any future suit between the same parties or their privies, upon the same cause of action, in the same or another court, so long as it remains unreversed and not in any way vacated or annulled." See, also, *Allaire, Woodward & Co. v. Perfection Remedy Co.*, 100 Neb. 726, 161 N. W. 250; *Stimmer v. Hoffman*, 100 Neb. 330, 160 N. W. 103; *Trainor v. Maverick Loan & Trust Co.*, 92 Neb. 821, 139 N. W. 666; *Triska v. Miller*, 86 Neb. 503, 125 N. W. 1070.

There can be no question that the doctrine of *res adjudicata* would apply as against the Central Power Company. Plaintiff appears in the former suit as an intervener, but he claims he never authorized the use of his name as such and that he had no knowledge that he was designated as an intervener until after the petition in intervention had been filed. The attorney purporting to represent plaintiff testified that he counseled with a group of farmers owning land irrigated by the natural flow of the river by virtue of the Central Power Company's appropriation and assumed that plaintiff was to be joined as an intervener. Whether or not the attorney was specifically employed to represent plaintiff presents a question of fact upon which the evidence is somewhat conflicting. In view of the fact that the record shows that plaintiff caused a dismissal to be prepared and forwarded to the clerk of the district court for filing upon the discovery of his inclusion as an intervener, and before the former case was tried, and which was not filed at the direction of the district judge for some unaccountable reason not disclosed by the record, coupled with the fact that plaintiff made no appearance at the trial of the case or otherwise, except as herein shown, we are of the opinion that the doctrine of *res adjudicata* does not apply to him because of his inclusion as an intervener in the petition in intervention. But as to any right he may have had in the natural flow of the river, we think plaintiff is estopped by the former judgment for the reason that he is in privity with the Central Power Company as to the natural flow water to which he is entitled by virtue of his obtaining his appropriative right through that of the Central Power Company, a party to the former suit. This conclusion rests on the fact that plaintiff is in privity with the Central Power Company as to any right he may have had to the natural flow of the river and not upon the fact that his name appears as an intervener in the former suit.

The judgment in the former case appears to have made no distinction between the natural flow and storage waters then flowing in the river. The instructions given by the court specifically inform the jury that, if they find that the defendants wrongfully converted the natural flow of the river and, as a result thereof, the Kearney Mutual Irrigation Company did not receive its 22 second-feet of such water at the time it would have arrived at the headgate of its ditch, they were to

find for the plaintiff in the amount in which the use of such water by the defendants contributed to plaintiff's damage. This is a manifest error in view of the fact that it had been previously adjudicated that the Dawson County Irrigation Company was entitled to the natural flow in the river at the time and that the Central Power Company, with whom plaintiff is in privity had no right thereto. On the other hand, the Central Power Company had no interests in the contract of the Kearney Mutual Irrigation Company with the Platte Valley Public Power and Irrigation District for storage water and its participation in the former suit could in no way estop the plaintiff from maintaining the present action based on the wrongful conversion of storage waters belonging to plaintiff then being delivered for the beneficial use of the plaintiff, and others similarly situated.

It is urged, however, that the action for damages is incidental only to the equitable suit for an injunction and that the verdict of the jury is therefore advisory only to the trial judge. If this be true, it is contended that errors in the instructions do not constitute prejudicial error, as it will be assumed that such matters will be taken into consideration by the trial judge before a final judgment is entered. These contentions require an examination of the nature of the action and the procedure followed in obtaining the judgment from which this appeal was taken.

The suit was commenced to obtain an injunction and to recover a judgment for damages resulting from the wrongful conversion of waters to which plaintiff was entitled, the prayer of the petition being as follows: "Wherefore plaintiff prays for an order of this court restraining and enjoining the defendants herein and each of them from appropriating or converting to their own use any water from the Platte River and its tributaries under the rights of the Central Power Company, either as natural flow water, or storage water from the Sutherland Dam, that further the defendants and each of them be enjoined and restrained from interfering with the rights of the plaintiff to said water in every particular until the water appropriation belonging to the Central Power Company, or its successors, and the rights incident thereto to plaintiff have been satisfied. That further upon hearing the court find that plaintiff is entitled to recover the sum of \$6,026 from the defendants and for such other and further relief as is just and equitable in the premises."

We think the case is one in which a court of equity could properly take jurisdiction, and jurisdiction once having been taken, the case will be retained for the adjudication of all issues. No objection was made to the court's calling of a jury. The mere fact that the trial court failed to grant an injunction does not deprive such court from hearing the prayer for damages for the injuries suffered. The verdict of the jury must, therefore, be treated as advisory in character and the presumption follows that any errors in the submission of the case to the

jury were considered by the trial court before judgment was entered. Prejudicial error in the instructions to a jury called in an advisory capacity cannot be successfully asserted. We hold therefore that reversible error in the instructions in the present case could not be successfully assigned in view of the fact that the verdict of the jury was advisory only.

We are of the opinion, however, that the judgment of the court is not sustained by the evidence. The evidence adduced at the trial makes no distinction between natural flow and storage waters. Defendants are liable only for the conversion of the storage water, if they are liable at all. The damages sustained by the conversion of storage water cannot be separated in the evidence produced at the trial. We are therefore unable to say that the judgment of \$3,125 is sustained by the evidence in the record.

Other assignments of error will not be discussed in view of the conclusion we have reached. We think that the case must be reversed and the cause remanded for a new trial on the question of the wrongful conversion of the storage water in which plaintiff had a beneficial use and the resulting damages, if any, sustained by the plaintiff.

REVERSED.

EBERLY, J., not participating.

See opinion 31792, dated July 14, 1944

ROBINSON v. DAWSON COUNTY IRR. CO. et al

No. 31792

Supreme Court of Nebraska

July 14, 1944

1. **Appeal and Error**—893(2), 895(2). Supreme Court tries equity cases *de novo* and reaches an independent conclusion as to findings of fact and of the law, Com. St. 1929, §20-1925.
2. **Negligence**—15, 61(2). Where several defendants are materially interested, although concert is lacking, and separate and independent acts of negligence combine to produce injury, each defendant so involved is responsible therefor.
3. **Waters and Water Courses**—152(8). Evidence that defendants diverted storage waters, which had been released to supply irrigation system which furnished water to plaintiff's land, as well as natural flow of stream with result that plaintiff suffered a crop loss for a lack of water, authorized judgment for plaintiff.
4. **Waters and Water Courses**—152(9). \$2,000 for damage to crops by diversion of irrigation water was not excessive.

SYLLABUS BY THE COURT

The record examined, and it is found to support the judgment rendered by the trial court.

APPEAL from district court, Buffalo county: REED, Judge.

Action by Frank L. Robinson against the Dawson County Irrigation Company and the Elmcreek Ditch Company to restrain defendants from appropriating or converting to their own use the natural flow of the Platte river and for monetary relief. From a judgment for plaintiff, defendant Dawson County Irrigation Company appeals.

Affirmed.

Lyman M. Stuckey and W. A. Stewart, Jr., both of Lexington, and H. L. Blackledge, of Kearney, for appellant.

Dryden & Jensen, of Kearney, for appellee.

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

PAINE, J.

This is the second appeal in an action filed January 31, 1941, by Frank L. Robinson, plaintiff, against the Dawson County Irrigation Company and the Elmcreek Ditch Company, defendants, to restrain them from appropriating, or converting to their own use, the natural flow of the Platte river, or storage water from the Sutherland dam, and to recover damages to growing crops in the sum of \$6,026. Upon the first trial of the case, plaintiff waived his right to an injunction, and the trial proceeded as one for damages. The jury returned a verdict for \$3,125, upon which a judgment was entered, and the defendants appealed.

This court entered an opinion, written by Judge Carter, upon such first appeal, which is found in 142 Neb. 811, 8 N. W. 2d 179, 184, and in that opinion will be found a rather complete statement of the pleadings, which will not be repeated here, as the second trial was upon the same pleadings, with certain amendments allowed by the court. There was also in that opinion a summary of the evidence as presented at the first trial.

It was held in that first opinion that "the case is one in which a court of equity could properly take jurisdiction, and jurisdiction once having been taken, the case will be retained for the adjudication of all issues. No objection was made to the court's calling of a jury. The mere fact that the trial court failed to grant an injunction does not deprive such court from hearing the prayer for damages for the injuries suffered. The verdict of the jury must, therefore, be treated as advisory in character and the presumption follows that any errors in the submission of the case to the jury were considered by the trial court before judgment was entered."

The judgment was reversed in this court upon the ground that the evidence introduced made no distinction between the natural flow and storage waters, "and the cause remanded for a new trial on the question of the wrongful conversion of the storage water in which plaintiff

had a beneficial use and the resulting damages, if any, sustained by the plaintiff."

The fourth paragraph of the syllabus in our former opinion reads as follows: "Where evidence of damage to growing crops resulting from the unlawful conversion of storage water is so commingled with evidence of alleged damage resulting from the taking of the natural flow of the stream to which defendant was entitled that the one cannot be separated from the other and the damage caused by each cannot be ascertained, the judgment cannot be said to be supported by the evidence."

A retrial was had in the district court, without a jury, beginning on June 28, 1943. The case was taken under advisement, briefs were submitted, and on January 17, 1944, a judgment was entered against each of the defendants for damages resulting from the wrongful conversion of storage water and the wrongful appropriation of the same between July 24, 1940, and August 9, 1940, in the amount of \$2,000, upon which judgment a credit was allowed of \$117.70 for costs incurred in the first appeal, which had been reversed by our former opinion.

It will be seen that the cause was remanded because the evidence at the first trial commingled the natural flow of water in the Platte river and the amount of the flow in that river arising from the storage water released at the North Platte dam of the Platte Valley Public Power and Irrigation District, hereinafter called the Sutherland district.

At the second trial a number of amendments were made to the petition, and a large amount of evidence was taken which was before the court for the first time. The questions now presented on this second appeal must be determined from the evidence in the present bill of exceptions, and not from any previous findings of this court, which of necessity were based only upon the evidence which was then found in that record.

The errors now relied upon for reversal, as set out in the brief of the only appealing defendant, the Dawson County Irrigation Company, hereinafter called the Dawson company, are as follows: That the judgment is not sustained by, and is contrary to, the evidence; that the court erred in allowing the plaintiff to introduce evidence pertaining to natural flow of water, and that the amount of the damages is excessive. In its brief the defendant states: "The case was again tried to the court on the sole issue as to whether or not defendants converted any storage waters belonging to the plaintiff by virtue of his interest in the *Kearney Mutual Irrigation Company*."

The evidence discloses that the plaintiff is a farmer and stock raiser, who has lived in Buffalo county for 33 years, and owned or operated some 2,000 acres of land, most of it lying about three miles west of Kearney, the map, exhibit No. 20, showing that it was located on both sides of the main line of the Union Pacific railroad; that he had contracted 250 acres of his land for irrigation in 1940 with the *Kearney*

Mutual Irrigation Company, which company had a total of 913 acres under irrigation for that year, the plaintiff's land composing over 25 per cent of its acreage for 1940.

This Kearney company had a contract with the Central Power Company for the delivery of water to its irrigators. The Central Power Company had a priority on Platte river water as of September 10, 1882, of 22 second-feet appropriation for irrigation purposes. Such priority was superior to the rights of either defendant irrigation company.

By virtue of a contract, exhibit No. 4, with the Sutherland district, the Kearney company was entitled to the delivery of a certain amount of storage water from the Sutherland dam. Such water was released just below the city of North Platte into the Platte River.

It appeared that the Dawson company had constructed a dike across the Platte river at its headgates, by which it diverted all the water coming down the Platte river into its headgates, and had then secured from the county judge of Dawson county a restraining order, and later an injunction from the district court for Dawson county, restraining the bureau of irrigation, water power and drainage of the state of Nebraska from closing the headgates of the said Dawson company, and by virtue of such injunction the headgates were kept open, so no storage water could go down the Platte river to the Kearney company, but all such water passed into the canal of the Dawson company.

In a letter, exhibit No. 16, from R. H. Willis, chief of the state bureau of irrigation, water power and drainage, under date of December 13, 1940, to R. F. Stuckey, president of defendant Dawson company, Mr. Willis said that 37,680 acre feet of water passed through the rating flume of the Dawson company between May 1, 1940, and September 30, 1940, of which amount 24,716 acre feet were natural flow and the balance was storage water. Mr. Willis then writes:

"As a routine matter Mr. Hervert, Senior Hydrographer in the employ of the state, has standing instructions to measure all of the river flow in that section, tributary inflows, diversions, etc. Mr. Mesner, Hydrographer in the employ of the Platte Valley Public Power and Irrigation District, coordinated with Mr. Hervert in this work which seemed proper in view of the fact that the Platte Valley Public Power and Irrigation District was disposing of storage water and was keenly interested in knowing about its disposal."

Exhibit No. 2 shows the daily diversion at the Dawson county canal for the month of July, 1940, of both the amount of natural flow and also of storage water, amounting for that month to 2,238 natural flow and 4,252 storage water, and exhibit No. 3 is for the first 20 days in August, 1940, showing there was 3,660 natural flow and 6,536 storage water going into the Dawson canal.

Horace J. Cary, a director of the Sutherland district since 1933, testified that the Kearney company ordered 25 second-feet of water on

July 19, 1940, from the Sutherland district, and the official answered from North Platte that 200 second-feet were at once discharged at the tailrace to supply Kearney with 25 second-feet and Elm Creek with 30 second-feet of water. This water was to be delivered down the Platte river, but because of the Dawson company dike and its headgates being left open, and the injunction forbidding their being closed, it resulted in all of the storage water sent down from North Platte going into the Dawson company's canal.

R. H. Willis testified: "I doubt that 200 second feet would any more than deliver 25 second-feet at the headgate of the Kearney canal by way of the river bed."

Each day's flow, on exhibits Nos. 2 and 3, was inquired about separately of R. H. Willis, and he testified that, with this amount of storage water going into the Dawson canal headgates each day, 25 second-feet of that water could have been delivered to the Kearney company daily from July 24 to August 9, inclusive.

Mr. Mesner testified from the records, as found in exhibits Nos. 2 and 3, that a sufficient amount of storage water was released at the dam, and which went into Dawson canal to have delivered 25 second-feet to Kearney over the period July 24 to August 9, 1940. He also testified that the Kearney canal irrigators could have secured 800 acre feet over the period from July 25 to to August 9, 1940, and would have been able to irrigate. He testified that water as it flows is just water, but by mathematical computation he can arrive at the figure as to how much of it is storage and how much of it is natural flow.

Mr. Balcom, manager of the Kearney canal for over 18 years, who has served in several capacities, testified from the exhibits that from July 25, 1940, up into August all the flow in the Kearney canal was natural water flow, and that no storage water came into the canal.

R. H. Willis, with the exhibits in front of him, testified that the Kearney canal was a wet ditch, which means it can deliver more water for irrigation purposes than if it was dry to start with, and that from the period July 24, 1940, to August 12, 1940, inclusive, if the Kearney canal had received 25 second feet of storage water its irrigators on 961 acres would have been able to irrigate continuously through the season. He testified that 25 second feet of water equals 50 acre feet every 24 hours.

We therefore conclude that the engineers kept accurate records; they show us how much storage water they put in the river at North Platte. The records also take into consideration the natural seepage and other natural water along with the storage water, and show the true facts for each day in their daily bulletin.

These records show us how much water the Dawson canal received, and they used all of this storage and natural water that they could and dumped what they could not use into Elm Creek, and from July 25 on the Kearney canal got almost nothing,—for unless there was 25 feet of

water running in that canal no one could use it, for without a sufficient head one cannot irrigate.

Kearney was to get 25 second feet of water at its intake, and the release of 200 feet of storage water at North Platte would give Kearney that amount, but the defendants took all of this storage water released for Kearney.

It appears from the evidence that, if this water had not been converted by the two defendant irrigation companies, the plaintiff would have received sufficient storage water to have irrigated all his crops, whereas he was unable to irrigate at all during the critical period from July 20 to August 9, 1940, and hence suffered the loss to his crops.

(1) This being an equity case, section, 20-1925, Comp. St. 1929, requires this court to try the case *de novo* and reach an independent conclusion as to the findings of fact and of the law. See *Peterson v. Winkelmann*, 114 Neb. 714, 209 N. W. 499; *Graham Ice Cream Co. v. Petros*, 127 Neb. 172, 254 N. W. 869; *Bath v. Metropolitan Life Ins. Co.*, 137 Neb. 676, 290 N. W. 902; *Neary v. General American Life Ins. Co.*, 140 Neb. 756, 1 N. W. 2d 908.

(2) "Where all defendants are materially interested, although concert is lacking, and separate and independent acts of negligence combine to produce injury, each defendant so involved is responsible therefor". *Hagedon v. Dawson County Irrigation Co.*, 136 Neb. 258, 285 N. W. 600, 601.

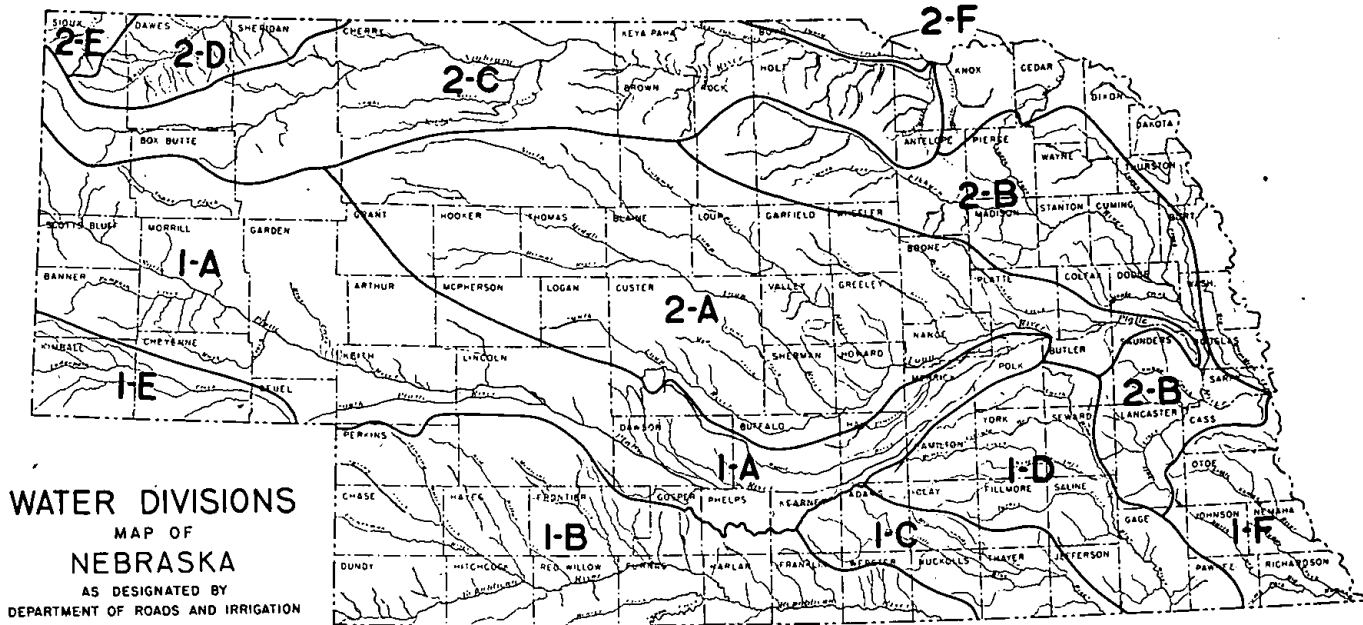
"An act wrongfully done by the joint agency or co-operation of several persons, or done contemporaneously by them without concert, renders them liable jointly and severally." *Schwepppe v. Uhl*, 97 Neb. 328, 149 N. W. 789. See, also, *Bosteder v. Duling*, 115 Neb. 557, 213 N. W. 809; *O'Neill v. Rovatsos*, 114 Neb. 142, 206 N. W. 752; *Dickinson v. Lawson*, 125 Neb. 646, 251 N. W. 656; *First Trust Co. v. Carlsen*, 129 Neb. 118, 261 N. W. 333.

(3, 4) In the case at bar, the same trial judge tried the case twice, and had the opportunity of observing the many witnesses who testified orally, and is presumed to have rejected and disregarded all incompetent and improper proof, and decided that the evidence clearly supported a judgment of \$2,000 for the plaintiff.

We have discussed the only errors argued in the defendant's brief, and have reached the conclusion that there is sufficient competent evidence to support the judgment rendered.

Affirmed.

See opinion 31444, dated Feb. 5, 1943.



WATER DIVISIONS AND WATER DISTRICTS

WATER DIVISIONS; DENOMINATION

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

WATER DIVISION NO. 1: BOUNDARIES

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

WATER DIVISION NO. 2: BOUNDARIES

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

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

CLAIMS AND APPLICATIONS

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

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

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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Ash Creek	Noetzelman, Mrs. Anna	Tacoma Wash	Gillard Canal	Irrig.	1.43	3	16	42	Garden	Dec.	31	1890	\$12	---
Ash Creek	Rittenhouse, T. L.	Lewellen	Rittenhouse Pump	Irrig.	.43	10	16	42	Garden	Oct.	22	1940	---	3305
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	646	---
Birdwood Cr.	Equitable Farm and Stock Imp. Company	North Platte	West Birdwood Canal	Irrig.	8.57	22	15	33	Lincoln	Jan.	16	1894	652	---
Birdwood Cr.	Thoecke, O. H.	North Platte	Beaucamp Canal	Irrig.	3.00	15	15	33	Lincoln	Sept.	19	1894	677	---
Blue Creek	Union Irrig and Water Power Company	Lewellen	Union Canal	Irrig.	23.44	18	16	42	Garden	May	16	1890	763	---
Blue Creek	Union Irrig. and Water Power Company	Lewellen	Graf Canal	Irrig.	1.20	19	16	42	Garden	May	16	1890	763R	---
Blue Creek	Hooper Irrig. Dist.	Lewellen	Hooper Canal	Irrig.	12.25	6	16	42	Garden	Sept.	7	1893	781	---
Blue Creek	Hooper Irrig. Dist.	Lewellen	Graf Canal	Irrig.	.21	19	16	42	Garden	Sept.	7	1893	781R	---
Blue Creek	Blue Creek Irrig. Dist.	Lewellen	Blue Creek Canal	Irrig.	185.71	33	17	42	Garden	Dec.	27	1893	785	---

BUREAU OF IRRIGATION

Blue Creek	Meeker Ditch Co.	Lewellen	Graf Canal	Irrig.	31.43	19	16	42	Garden	Apr.	2	1894	788	—
Blue Creek	Meeker Ditch Co.	Lewellen	Hooper Canal	Irrig.	.27	6	16	42	Garden	Apr.	2	1894	788R	—
Blue Creek	Blue Creek Irrig. Dist.	Lewellen	Blue Creek Canal	Irrig.	5.20	21	17	42	Garden	Sept.	27	1894	795	—
Blue Creek	Paisley Irrig. Dist.	Oshkosh	Paisley Canal	Irrig.	21.00	28	17	42	Garden	Nov.	20	1894	800	—
(No. Platte R.)	Robinson, A. A.	Gering	Midland-Overland Canal	O. D.	D-800	4	16	44	Garden	Nov.	20	1894	—	1742
Blue Creek	Paisley Irrig. Dist.	Oshkosh	Paisley Canal	Irrig.	4.00	28	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	—	1154
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 and Irrig. Dist.	Lewellen	Blue Creek Reservoir	Storage		28	17	42	Garden	Aug.	24	1933	—	2345*
						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 Spr.	The McGinley Land and Cattle Co.	Ogallala	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.	Elm Creek	Streiff Pump	Irrig.	1.81	35	9	19	Dawson	Sept.	15	1926	—	1859
Buffalo Creek	Stryker, Abram I., Estate	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	The Union Central Life Insurance Co.	Grand Island	Bowden Pump	Irrig.	1.65	12	9	20	Dawson	Oct.	10	1927	—	1959
Buffalo Creek	Mitchell, Geo. E.	Elm Creek	Lloyd Pump	Irrig.	2.16	36	9	19	Dawson	Feb.	20	1928	—	1985
Buffalo Creek	Potts, Mrs. Chas. S.	Elm Creek	Potts Pump	Irrig.	2.22	4	8	18	Buffalo	Mar.	5	1928	—	1988
Buffalo Creek	Manger, B. F.	Elm Creek	Manger Pump	Irrig.	2.21	4	8	18	Buffalo	Mar.	5	1928	—	1988R
Buffalo Creek	Ross, Julia A.	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 A.	Elm Creek	Ulrich Pump	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

"R" Denotes relocation.
 "O. D." Denotes optional diversion.
 *Denotes Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Buffalo Creek.....	Manger, B. F.....	Elm Creek.....	Armstrong Canal.....	Irrig.....	.23	33	9	18	Buffalo.....	June	19	1929	2087	
Buffalo Creek.....	Phillips, Reber D.....	Omaha.....	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	12	22	Dawson.....	July	17	1929	2090	
Buffalo Creek.....	Kopf, Walter W.....	Buffalo.....	Kopf Reservoir.....	Storage.....	†189AF	21	11	22	Dawson.....	Dec.	23	1930	2180	
Buffalo Creek.....	Callender, Gladys.....	Lincoln.....	Callender Pump.....	Irrig.....		18	9	19	Dawson.....	June	20	1940	3185*	
Buffalo Creek.....	Nebraska Mid-State Public P. and I. Dist.	Grand Island.....	Buckeye Valley Reser- voir	Storage.....		1	9	20	Dawson.....	Sept.	3	1943	3640*	
Bull Drain.....	Norris, David, Estate.....	Maxwell.....	Norris Canal.....	Irrig.....	.33	29	12	28	Lincoln.....	Feb.	18	1932	2253	
Camp Creek.....	Wehn, J. H.....	Lincoln.....	Camp Creek Canal.....	Irrig.....	1.43	13	18	49	Morrill.....	Mar.	16	1932	866	
Carter Creek.....	Gardner, Wm. E. Est.....	Geving.....	Carter Canal.....	Irrig.....	3.38	27	21	56	Scotts Bluff.....	Oct.	13	1922	1691	
Cedar Creek.....	Fairchild, Clarence H., et al	Broadwater.....	Nelson-Radcliffe Canal.....	Irrig.....	2.77	28	18	48	Morrill.....	June	1	1882	1034a	
Cedar Creek.....	Fairchild, Howard E.....	Broadwater.....	Radcliffe Canal No. 2.....	Irrig.....	1.23	34	18	48	Morrill.....	July	1	1885	1034b	
Cedar Creek.....	Fairchild, Clarence H.....	Broadwater.....	Radcliffe Canal No. 3.....	Irrig.....	.76	27	18	48	Morrill.....	Feb.	14	1890	1034c	
Clear Creek.....	Wise, Ada M., and Brown, Retta Hooper	Evanston, Ill. Chappell.....	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 and Bairn.....	Lewellen.....	Williams Canal.....	Irrig.....	1.00	28	16	41	Keith.....	May	18	1894	747	
Clear Creek.....	Barber, Mrs. Frank H.....	Lincoln.....	Finch Canal.....	Irrig.....	1.43	4	15	41	Keith.....	June	30	1896	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.....	Barber, Mrs. F. H. and Harper, R. F.	Lincoln..... Lewellen.....	Harper Canal.....	Irrig.....	2.97	32	16	41	Keith.....	Apr.	15	1933	2316	
# Clear Creek.....	Houser, Laura.....	Columbus.....	Hegi Reservoir.....	Storage.....	†1.55AF	21	16	1	Polk.....	May	29	1942	3571	

Coed Creek	Slafter, Elmer S.	Scottsbluff	Slafter Canal	Irrig.	1.66	17	22	55	Scotts Bluff	July	25	1938	2879
Cold Water Cr.	Lisco Irrig. Dist.	Lisco	Cold Water Canal	Irrig.	4.29	26	18	46	Garden	Sept.	29	1894	796
Cold Water Cr.	Cold Water Res. Dist.	Lisco	Cold Water Reservoir	Storage		27	18	46	Garden	July	20	1936	2591*
Coon Creek	Hansen, Henry P.	North Platte	Coon Creek Canal	Irrig.	.71	34	15	37	Keith	July	3	1895	69
Coon Creek	Hansen, Henry P.	North Platte	Coon Creek Canal	Irrig.	1.42	34	15	37	Keith	Sept.	16	1912	1225
Crescent Lake et al Reservoir	Lake Water Carrying Company	Lewellen	Crescent Lake Res.	Storage	†7000AF	21	20	44	Garden	Jan.	30	1920	1575
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Blue Creek Canal	Supple. I.	D-785	33	17	42	Garden	Jan.	30	1920	1575
				Supple. I.	D-795			1575					
				Supple. I.	A-1154			1575					
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Graf Canal	Supple. I.	D-788	19	16	42	Garden	Jan.	30	1920	1575
				Supple. I.	D-763R			1575					
				Supple. I.	D-781R			1575					
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Hooper Canal	Supple. I.	D-781	6	16	42	Garden	Jan.	30	1920	1575
				Supple. I.	D-788R			1575					
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Paisley Canal	Supple. I.	D-800	28	17	42	Garden	Jan.	30	1920	1575
				Supple. I.	A-515			1575					
				Supple. I.	A-1738			1575					
Crescent Lake Reservoir	Lake Water Carrying Company	Lewellen	Crescent Lake Canal	Stor-only	2.06	21	20	44	Garden	Feb.	28	1934	2365
Deep Holes Cr.	Finn, J. L.	Eroadwater	Finn Canal	Irrig.	.50	28	18	49	Morrill	July	1	1890	836
Deep Holes Cr.	Hanway, F. P.	Eroadwater	Emma Canal	Irrig.	1.40	3	18	49	Morrill	Mar.	17	1924	1740
Dugout Creek, Lower	Hecht, Tilford M.	Eroadwater	Cooper Canal	Irrig.	.86	4	19	48	Morrill	Aug.	15	1892	872
Dugout Creek, Lower	Mulloy, Francis C.	Eroadwater	Mulloy Canal	Irrig.	1.00	27	20	48	Morrill	July	18	1907	865
Dugout Creek, Lower	Hecht, Tilford M.	Eroadwater	Hagerty Canal	Irrig.	1.00	4	19	48	Morrill	Oct.	26	1912	1238

† Reservoir capacity alleged by applicant.

* Denotes Application pending.

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

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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Dugout Creek, Lower	Hecht, Tilford M.	Broadwater	Klondyke Reservoir	Storage	3.35AF	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
Elm Creek	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Elm Creek Reservoir	Storage	35	10	19		Dawson	Sept.	3	1943	3641*
Elmore Res.	Kilpatrick Brothers	Beatrice	Kilpatrick North and South Canals	Supple. I. Stor.-only	D-567	6	24	51	Box Butte	June	7	1911	1159
Fawcus Springs	Oliver, John E.	Bridgeport	Oliver Canal	Irrig.	2.71	24	20	52	Morrill	Apr.	17	1933	2317
Gebauer Lake	Gebauer and Davis	Northport	Gebauer Canal	Irrig.	.80	28	20	50	Morrill	Apr.	25	1930	2138
Glenn Springs	Glenn, L. R.	Henry	Glenn Canal	Irrig.	.16	3	23	58	Scotts Bluff	May	29	1933	2324
Golden Creek	Thies, M. J.	Ogallala	Thies Canal	Irrig.	2.71	25	15	39	Keith	Sept.	17	1895	160
Gravel (Sand) Creek	The McGinley Land and Cattle Co.	Ogallala	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
Ground Water	Jones, Vera Springer	Mitchell	Springer Well	Irrig.	1	22	56		Scotts Bluff	July	24	1939	2939*
Ground Water	Remender, Dora	Morrill	Remender Well	Irrig.	27	24	57		Sioux	Sept.	25	1939	2974*

BUREAU OF IRRIGATION

Ground Water	Cooke, O. F.	Morrill	Cooke Well	Irrig.	4 23 57	Scotts Bluff	Jan.	6 1940	3070*
Ground Water	Schultz, Lester G.	Morrill	Schultz Well	Irrig.	3 23 57	Scotts Bluff	Jan.	11 1940	3075*
Ground Water	Nicholas, Arthur C.	Central City	Nicholas Well	Irrig.	30 13 6	Merrick	Jan.	22 1940	3083*
Ground Water	McCoy, Joe	Morrill	McCoy Well	Irrig.	3 23 57	Scotts Bluff	May	31 1940	3168*
Ground Water	Kunz, James G.	Wood River	Kunz Wells	Irrig.	8 12 10	Hall	June	4 1940	3174*
					9 12 10				
					17 12 10				
Ground Water	Kunz, James G.	Wood River	Kunz Well	Irrig.	7 11 9	Hall	June	4 1940	3175*
Ground Water	Kunz, James G.	Wood River	Kunz Well	Irrig.	16 10 12	Hall	June	4 1940	3176*
Ground Water	Schmidt, John	Paxton	Schmidt Well	Irrig.	23 14 26	Keith	June	11 1940	3178*
Ground Water	Good, Mrs. Elvira J.	Lincoln	Good Wells	Irrig.	1 10 12	Hall	June	17 1940	3182*
					3 10 12				
Ground Water	Cooke, Mrs. Augusta A.	Morrill	Cooke-Andrews Well	Irrig.	3 23 57	Scotts Bluff	June	25 1940	3189*
Ground Water	Snyder, Mrs. W. P.	North Platte	Snyder Well	Irrig.	21 14 36	Keith	July	5 1940	3193*
Ground Water	Hanlon, John A.	Morrill	Hanlon Well	Irrig.	36 24 57	Sioux	July	12 1940	3198*
Ground Water	Peterson, Thorvald	Harrisburg	Peterson Pump	Irrig.	31 19 56	Banner	Aug.	6 1940	3224*
Ground Water	Miller, Howard A.	North Platte	Miller Well	Irrig.	34 14 31	Lincoln	Sept.	10 1940	3260*
Ground Water	Amundsen, Alfred E.	Morrill	Amundsen Well	Irrig.	31 24 56	Sioux	Sept.	11 1940	3261*
Ground Water	Stockwell, Elsie J.	Morrill	Stockwell Well	Irrig.	2 23 57	Scotts Bluff	Sept.	18 1940	3269*
Ground Water	Fouts, Frederick	Central City	Foutz Well	Irrig.	17 14 6	Merrick	Sept.	20 1940	3270*
Ground Water	Carlson, Lillian D.	Gothenburg	Carlson Well	Irrig.	18 12 24	Dawson	Oct.	7 1940	3283*
Ground Water	Dubbs, Mrs. Lillie F.	Shelton	Dubbs Well	Irrig.	33 11 12	Hall	Oct.	15 1940	3296*
Ground Water	Riddell, Dr. Ted E.	Scottsbluff	Riddell Well	Irrig.	19 21 53	Scotts Bluff	Oct.	18 1940	3299*
Ground Water	Kamann, Wilhelmina	Morrill	Kamann Pump	Irrig.	1 23 57	Scotts Bluff	Oct.	29 1940	3312*
Ground Water	Fuerst, Otto	Scottsbluff	Fuerst Well	Irrig.	7 23 58	Scotts Bluff	Oct.	31 1940	3317*
Ground Water	Schutz, John W.	St. Libory	Schutz Well	Irrig.	14 13 8	Merrick	Nov.	5 1940	3325*
Ground Water	Schutz, Henry	St. Libory	Schutz Well	Irrig.	14 13 8	Merrick	Nov.	5 1940	3326*
Ground Water	Wyatt, L. D.	Harrisburg	Wyatt Well	Irrig.	35 19 56	Banner	Nov.	7 1940	3327*
Ground Water	Robbins, G. H.	Shelton	Robbins Well	Irrig.	33 10 13	Buffalo	Dec.	6 1940	3342*
Ground Water	Arbuckle, Roy	Kearney	Arbuckle Wells	Irrig.	28 9 15	Buffalo	Dec.	12 1940	3352*
					21 9 15				
					29 9 15				

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ground Water	Jeffries, Leota Arbuckle	Kearney	Jeffries Wells	Irrig.		21	9	15	Buffalo	Dec.	12	1940	---	3353*
Ground Water	Heider, Bonnie C.	North Platte	Heider Well	Irrig.		14	14	32	Lincoln	Dec.	14	1940	---	3354*
Ground Water	Pieper, Harry A.	Mitchell	Pieper Well	Irrig.		11	22	56	Scotts Bluff	Dec.	19	1940	---	3356*
Ground Water	Heider, Bonnie C.	North Platte	Heider Well	Irrig.		12	14	33	Lincoln	Dec.	23	1940	---	3359*
Ground Water	Heider, Bonnie C.	North Platte	Heider Well	Irrig.		12	14	33	Lincoln	Dec.	23	1940	---	3360*
Ground Water	Shelby, A. M.	Long Beach, Calif.	Shelby Well	Irrig.		16	13	30	Lincoln	Jan.	18	1941	---	3371*
Ground Water	Fleenor, Shelby E.	Morrill	Travis Well	Irrig.		17	23	57	Scotts Bluff	Jan.	24	1941	---	3377*
Ground Water	Johnson, E. H. & O. H.	Omaha	Johnson Well	Irrig.		22	23	57	Scotts Bluff	Jan.	28	1941	---	3379*
Ground Water	Hobson, Paul	Morrill	Hobson Well	Irrig.		21	24	57	Sioux	Feb.	5	1941	---	3383*
Ground Water	Robbins, Gordon H.	Shelton	Robbins Well	Irrig.		15	9	13	Buffalo	Feb.	6	1941	---	3385*
Ground Water	Kuskie, Bert C.	Brule	Kuskie Well	Irrig.		29	13	40	Keith	Feb.	10	1941	---	3386*
Ground Water	Misek, A. A.	Brainard	Misek Well	Irrig.		36	13	8	Merrick	Feb.	11	1941	---	3388*
Ground Water	Neil, Leo	Cozad	Neil Well	Irrig.		2	9	23	Dawson	Feb.	18	1941	---	3397*
Ground Water	Janssen, Emil H.	Morrill	Janssen Well	Irrig.		26	24	57	Sioux	Mar.	1	1941	---	3406*
Ground Water	Johnson, August B.	Morrill	Johnson Well	Irrig.		16	24	57	Sioux	Mar.	5	1941	---	3410*
Ground Water	Whipple, Lydia E.	Mitchell	Whipple Well	Irrig.		9	22	56	Scotts Bluff	Mar.	31	1941	---	3421*
Ground Water	Finke, Henry	Grand Island	Finke Well	Irrig.		34	9	19	Dawson	Apr.	21	1941	---	3431*
Ground Water	Birdsall, Jas. L., et al.	Morrill	Plummer-Birdsall Well	Irrig.		1	23	57	Scotts Bluff	Apr.	29	1941	---	3435*
Ground Water	Warner, L. H.	Harrisburg	Warner Well	Irrig.		3	19	57	Banner	June	5	1941	---	3448*
Ground Water	The Prudential Ins. Co.	Omaha	Wilson-Prudential Well	Irrig.		9	9	19	Dawson	July	25	1941	---	3462*
Ground Water	The Prudential Ins. Co.	Omaha	Radford-Prudential Wells	Irrig.		19	8	14	Kearney	July	25	1941	---	3463*
Ground Water	The Prudential Ins. Co.	Omaha	Scott-Prudential Well	Irrig.		4	9	14	Buffalo	July	25	1941	---	3464*
Ground Water	The Prudential Ins. Co.	Omaha	Mahr-Prudential Well	Irrig.		7	9	20	Dawson	July	25	1941	---	3465*
Ground Water	The Prudential Ins. Co.	Omaha	Ralston-Prudential Well	Irrig.		4	11	25	Dawson	July	25	1941	---	3466*
Ground Water	The Prudential Ins. Co.	Omaha	Schultze-Prudential Well	Irrig.		25	11	22	Dawson	July	25	1941	---	3467*
Ground Water	The Prudential Ins. Co.	Omaha	Smith-Prudential Well	Irrig.		26	11	22	Dawson	July	25	1941	---	3471*
Ground Water	Weldon, Ella M.	Oshkosh	Weldon Well	Irrig.		30	10	11	Hall	Sept.	5	1941	---	3493*

Ground Water	Robbins, Harold R.	Shelton	Harold R. Robbins Well	Irrig.	25	10	13	Buffalo	Sept.	10	1941	3500*	
Ground Water	Robbins, Maude M.	Los Angeles	Harold R. Robbins Well	Irrig.	13	10	13	Buffalo	Sept.	10	1941	3501*	
Ground Water	Robbins, Maude M.	Los Angeles	Maude M. Robbins Well	Irrig.	27	10	13	Buffalo	Sept.	10	1941	3502*	
Ground Water	Garrison, George E.	Lexington	Garrison Well	Irrig.	35	10	21	Dawson	Sept.	29	1941	3512*	
Ground Water	Garrison, H. W. and Arthur H.	Lexington	Garrison Well	Irrig.	19	10	21	Dawson	Sept.	29	1941	3513*	
Ground Water	Robbins, Gordon H.	Shelton	Robbins Well	Irrig.	29	10	13	Buffalo	Oct.	7	1941	3515*	
Ground Water	Stauffer, F. F.	Gering	Stauffer Well	Irrig.	20	19	55	Banner	Feb.	13	1942	3551*	
Ground Water	Van Wey, Glen	Gothenburg	Van Wey Well	Irrig.	11	12	25	Dawson	June	11	1942	3576*	
Ground Water	Good, Mrs. O. M.	Lincoln	Good Well	Irrig.	5	10	11	Hall	June	29	1942	3579*	
Ground Water	Robbins, G. H.	Shelton	Robbins Well	Irrig.	33	10	13	Buffalo	Mar.	3	1944	3693*	
Ground Water	Nielsen, E. M.	Columbus	Nielsen Well	Irrig.	1	16	1	Polk	May	12	1944	3727*	
Horse Creek	Mihan, John, Estate	Lyman	State Line Canal	Irrig.	10.00	33	23	58	Scotts Bluff	Sept.	10	1897	407
Horse Creek	Braziel and Marsh	Morrill	Marsh-Braziel Canal	Irrig.	7.19	4	22	60	Wyoming	Nov.	24	1908	921
Horse Creek	Gilmore Ditch Ass'n	Morrill	State Line Canal	Irrig.	3.71	33	23	58	Scotts Bluff	Feb.	21	1910	983
Horse Creek	Mihan, John, Estate	Lyman	State Line Canal	Irrig.	2.00	33	23	58	Scotts Bluff	Apr.	21	1910	994
Horse Creek	Casteel and Jackson	Henry	State Line Canal	Irrig.	1.00	33	23	58	Scotts Bluff	May	19	1910	1000
Horse Creek	Braziel and Marsh	Morrill	Marsh-Braziel Canal	Irrig.	13.00	4	22	60	Wyoming	Sept.	18	1911	1126
Horse Creek	Great Western Sugar Company	Scottsbluff	Lyman Factory	Mfg.	15.00	34	23	58	Scotts Bluff	June	16	1926	1519
Hoth Draw	Great Western Sugar Company	Scottsbluff	Bayard Factory	Mfg.	15.00	34	21	52	Morrill	Oct.	4	1920	1593
Huffman Lake	Crabill, Ed E., et al	Melbeta	Huffman Canal	Mfg.	1.60	26	21	54	Scotts Bluff	Mar.	19	1909	937
Huntington Spr.	Card, Fred	Lyman	Card Canal	Irrig.	1.43	9	20	58	Scotts Bluff	Dec.	23	1904	778
Kingsley Res. (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Tri-County Canal	Supple. P.	†500,000AF	8	13	29	Lincoln	July	28	1941	3475
					A-2354								
					A-3474								
Kingsley Res. (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Tri-County Canal	Supple. I. Stor-only	A-2355	8	13	29	Lincoln	July	28	1941	3476

*Denotes Application pending.

†Reservoir capacity alleged by applicant.

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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Kingsley Res. (Lake C. W. McConaughy)	The Central Nebraska Public Power and Irrigation District	Hastings	Tri-County Canal	Stor.-only		S	13	29	Lincoln	July	28	1941		3620
Kiowa Creek	Currie, Edw. A.	Mitchell	Currie Canal	Irrig.	9.14	13	21	57	Scotts Bluff	Mar.	23	1892	938	—
Kiowa Creek	Kellums, John H.	Morrill	Kellums Canal	Irrig.	1.43	11	22	58	Scotts Bluff	Oct.	18	1901	—	641
Kiowa Creek	Kellums, John H.	Morrill	Kellums Canal No. 2	Irrig.	.06	1	22	58	Scotts Bluff	Nov.	29	1907	—	880
Kopf Res.	Kopf, Walter	Buffalo	Kopf. Pump	Supple. I. Stor.-only	A-1799	21	12	22	Dawson	Dec.	23	1930	—	2181
Lawrence Fork	Randall, Wm. H.	Bridgeport	Laing Canal	Irrig.	.50	28	18	52	Morrill	Dec.	31	1886	\$25	—
Lawrence Fork	Gilman and Crigler	Redington	Redington Canal	Irrig.	.57	36	19	52	Morrill	Oct.	9	1889	\$20	—
Lawrence Fork	Lindberg, Fred R., Est.	Bridgeport	Crigler Canal	Irrig.	.57	1	18	52	Morrill	Sept.	11	1891	\$61	—
Lawrence Fork	Nelson, Robert P.	Bridgeport	Spring Branch Canal	Irrig.	1.00	11	18	52	Morrill	Oct.	23	1891	\$62	—
Lawrence Fork	Nelson, Robert P.	Bridgeport	Spring Branch Canal	Irrig.	.50	11	18	52	Morrill	May	1	1893	\$93	—
Lawrence Fork	Lindberg, Fred R., Est.	Bridgeport	Crigler Canal	Irrig.	1.43	1	18	52	Morrill	Nov.	25	1898	—	486
Lawrence Fork	Varah, James R.	Bridgeport	Niehus Canal	Irrig.	.86	11	18	52	Morrill	Mar.	23	1900	—	550
Lawrence Fork	Niehus and Nelson	Bridgeport	Spring Branch Canal	Irrig.	1.43	11	18	52	Morrill	May	27	1902	—	669
Lawrence Fork	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.	4.00	15	18	52	Morrill	Dec.	8	1915	—	1440
Lawrence Fork	King, Wm. O.	Kearney	King Canal	Irrig.	1.00	15	18	52	Morrill	July	3	1920	—	1587
Lawrence Fork	Niehus and Nelson	Bridgeport	Crigler (Hopeful a) Canal	Irrig.	.44	1	18	52	Morrill	Apr.	19	1930	—	2135
Lawrence Fork	Niehus and Nelson	Bridgeport	Hopeful b Canal	Irrig.	.99	1	18	52	Morrill	Apr.	19	1930	—	2135
Lawrence Fork	Niehus and Nelson	Bridgeport	Spring Branch Canal	Irrig.	.58	11	18	52	Morrill	Sept.	30	1935	—	2560
Lonergan Creek	Soehl, Herman H.	Lemoine	Soehl Canal	Irrig.	2.00	17	15	39	Keith	May	10	1889	697a	—
Lonergan Creek	Jacobs, Lee, Estate	Lemoine	Lonergan Canal	Irrig.	9.15	17	15	39	Keith	May	25	1889	699	—
Lonergan Creek	Soehl, Herman H.	Lemoine	Soehl Canal	Irrig.	.86	17	15	39	Keith	Apr.	27	1893	697b	—
Lonergan Creek	Stansbery, Elvina	Lemoine	Haney Canal	Irrig.	1.14	17	15	39	Keith	July	1	1893	719	—

Lost Creek	Campbell, Wm. N.	Oshkosh	Campbell Pump	Irrig.	1.69	11	17	44	Garden	Dec.	23	1929	2118
Mathews Creek	Mathews, Benj. G., Est.	Keystone	Mathews Canal	Irrig.	1.14	28	15	37	Keith	Apr.	11	1895	750
Middle Creek	Miller, J. L.	Bridgeport	Miller Upper Canal	Irrig.	.56	33	18	51	Morrill	Oct.	19	1936	2646
			Miller Lower Canal	Irrig.	.35	28	18	51					
Mud Creek (See Buffalo Cr.)	Ulrich, Maria A.	Elm Creek	Ulrich Pump	Irrig.	4.20	1	8	19	Dawson	Feb.	4	1929	2068
Nealy Springs	Covington, Paul H.	Morrill	Covington Pipe Line	Irrig.	.06	11	23	58	Scotts Bluff	Mar.	27	1933	2311
Nealy Springs	Nealy, Daisy	Morrill	Nealy Canal	Irrig.	.38	11	23	58	Scotts Bluff	Aug.	3	1934	2454
North Platte R.	Platte Valley Irrig. District	Hershey	North Platte Canal	Irrig.	300.00	13	14	34	Lincoln	May	31	1884	635
(Lincoln Co. Drain. Dist. 1, Ditch 2)	Reimers, Oscar	Grand Island	Reimers Pump	O. F.	D-635	30	14	31	Lincoln	May	31	1884	2459
(Lincoln Co. Drain Dist. 1, Ditch 1)	Frame, Rolland	Hershey	Frame Pump	O. D.	D-635	21	14	32	Lincoln	May	31	1884	2694
North Platte R.	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	Irrig.	901.93	3	23	58	Scotts Bluff	Sept.	16	1887	918
North Platte R.	Farmers Irrig. Dist.	Scottsbluff	Ramshorn Canal	Irrig.	3.07	13	23	58	Scotts Bluff	Sept.	16	1887	918R
(Alliance Drain Feeder)	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	O. D.	D-918	18	22	53	Scotts Bluff	Sept.	16	1887	P188*
(Dry Spotted Tail Creek)	Hrasky, Frank and Warner, Violet A.	Mitchell	Roberts Canal	O. D.	D-918	16	23	56	Scotts Bluff	Sept.	16	1887	1241
(Dry Spotted Tail Feeder)	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	O. D.	D-918	4	23	56	Scotts Bluff	Sept.	16	1887	P188*

Supple. I. Denotes storage water in addition to direct flow.
 Stor-only. Land does not have a direct flow appropriation.
 "O. D." Denotes optional diversion.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
(Dry Spotted Tail Creek)	Kellum, John H.	Morrill	Kellum Canal	O. D.	D-918	16	23	56	Scotts Bluff	Sept.	16	1887	P195	---
(Farmers Canal Seep)	Warner, Frank	Morrill	Warner Canal	O. D.	D-918	12	23	57	Scotts Bluff	Sept.	16	1887	---	1769
(Hoth Draw)	O'Holloren, Jas.	Bayard	O'Holloren Canal	O. D.	D-918	28	21	52	Morrill	Sept.	16	1887	---	1473
(Sheep Creek)	Sheep Creek Lateral Co.	Morrill	Sheep Creek Lateral	O. D.	D-918	8	23	57	Scotts Bluff	Sept.	16	1887	---	1176
(Sheep Creek)	Sheep Creek Lateral Co.	Morrill	Sheep Creek Lateral	O. D.	D-918	8	23	57	Scotts Bluff	Sept.	16	1887	---	1398
(Sheep Creek)	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	O. D.	D-918	8	23	57	Scotts Bluff	Sept.	16	1887	P191*	---
(Tub Springs Feeder)	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	O. D.	D-918	27	23	55	Scotts Bluff	Sept.	16	1887	P192*	---
(Wet Spotted Tail Creek)	Stewart, H. G.	Mitchell	Stewart Canal	O. D.	D-918	10	23	56	Scotts Bluff	Sept.	16	1887	---	449
(Wet Spotted Tail Creek)	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	O. D.	D-918	10	23	56	Scotts Bluff	Sept.	16	1887	P190*	---
North Platte R.	Minatare Mutual Canal and Irrig. Co.	Minatare	Minatare Canal	Irrig.	249.43	32	22	54	Scotts Bluff	Jan.	14	1888	919	---
(Minatare Drain)	Gentry, B. F.	Gering	Minatare Drain Lateral	O. D.	D-919	3	21	53	Scotts Bluff	Jan.	14	1888	P245	---
(Taylor Drain)	Oberlies, L. C.	Tacoma Wash.	Oberlies Canal	O. D.	D-919	3	21	53	Scotts Bluff	Jan.	14	1888	---	2502
North Platte R.	Winters Creek Canal Co.	Scottsbluff	Winters Creek Canal	Irrig.	124.29	17	22	55	Scotts Bluff	Oct.	18	1888	952	---
(Winters Creek)	Winters Creek Canal Co.	Scottsbluff	Winters Creek Canal	O. D.	D-952	19	22	54	Scotts Bluff	Oct.	18	1888	---	1446
North Platte R.	Enterprise Irrig. Dist.	Scottsbluff	Enterprise Canal	Irrig.	138.68	27	33	57	Scotts Bluff	Mar.	28	1889	920	---
(Akers or Nelson Draw)	Enterprise Irrig. Dist.	Scottsbluff	Nelson Draw Canal	O. D.	D-920	13	23	57	Scotts Bluff	Mar.	28	1889	---	1290
(Dry Spotted Tail Creek)	Enterprise Irrig. Dist.	Scottsbluff	Dry Spotted Tail Creek Lateral	O. D.	D-920	20	23	56	Scotts Bluff	Mar.	28	1889	P236	---
(Toohey Drain)	Fanning, Leo T.	Mitchell	Fanning Pump	O. D.	D-920	20	23	56	Scotts Bluff	Mar.	28	1889	---	2413
(Tub Springs)	Enterprise Irrig. Dist.	Scottsbluff	Tub Springs Lateral	O. D.	D-920	33	23	55	Scotts Bluff	Mar.	28	1889	P234	---

(Wet Spotted Tail Creek)	Enterprise Irrig. Dist.	Scottsbluff	Wet Spotted Tail Lateral	O. D.	D-920	22	23	56	Scotts Bluff	Mar.	23	1889	P235	—
(Winters Creek)	Enterprise Irrig. Dist.	Scottsbluff	Enterprise Lateral	O. D.	D-920	8	22	54	Scotts Bluff	Mar.	28	1889	—	2409
North Platte R.	Castle Rock Irrig. Dist.	McGrew	Castle Rock Canal	Irrig.	52.57	3	21	54	Scotts Bluff	Apr.	18	1889	921	—
North Platte R.	Logan Irrigation Co.	Bridgeport	Logan Canal	Irrig.	5.71	24	20	51	Morrill	Oct.	17	1889	821	—
North Platte R.	Bridgeport Irrig. Dist.	Bridgeport	Belmont Canal	Irrig.	270.00	18	20	51	Morrill	Dec.	19	1889	828	—
(Atkins Drain)	Story, J. M.	Broadwater	Atkins Canal	O. D.	D-828	15	19	49	Morrill	Dec.	19	1889	—	1456
(Cedar Creek)	Bridgeport Irrig. Dist.	Bridgeport	Cedar Creek Feeder	O. D.	D-828	23	18	48	Morrill	Dec.	19	1889	—	1397
North Platte R.	Mitchell Irrig. Dist.	Mitchell	Mitchell Canal	Irrig.	194.29	10	23	60	Wyoming	June	20	1890	1052	—
North Platte R.	Central Irrig. Dist.	Gering	Central Canal	Irrig.	36.00	27	22	55	Scotts Bluff	June	23	1890	926	—
North Platte R.	Sheridan, J. Wake, Est.	Paxton	Sheridan-Wilson Canal	Irrig.	10.00	19	14	35	Keith	Oct.	9	1890	710	—
North Platte R.	Chimney Rock Irrig. District	Bayard	Chimney Rock Canal	Irrig.	60.00	1	20	53	Scotts Bluff	Dec.	3	1890	844	—
North Platte R.	Empire Canal Company	Bridgeport	Empire Canal	Irrig.	28.57	13	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	Minatare	Kah Canal	Irrig.	4.57	11	21	54	Scotts Bluff	Nov.	1	1891	944	—
North Platte R.	Browns Creek Irrigation District	Bridgeport	Browns Creek Canal	Irrig.	188.71	29	20	50	Morrill	Jan.	20	1892	857	—
North Platte R.	Alliance Irrig. Dist.	Bridgeport	Alliance Canal	Irrig.	100.00	5	20	52	Morrill	Dec.	26	1892	874	—
(Bayard Sugar Factory Drain)	Alliance Irrig. Dist.	Bridgeport	Alliance Canal	O. D.	D-874	5	20	52	Morrill	Dec.	26	1892	—	1776
(Red Willow Cr.)	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 Dr.)	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 L. and C. Co.	North Platte	Cody-Dillon Canal	Irrig.	125.81	9	14	31	Lincoln	Dec.	29	1893	649	—

"O. D." Denotes optional diversion.
 * Denotes petition pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
North Platte R.	Maloney, W. R.	North Platte	Maloney Pump	Irrig.	1.19	29	14	30	Lincoln	Dec.	29	1893	649R	
North Platte R.	Keith-Lincoln County Irrig. District	Sutherland	Keith-Lincoln Canal	Irrig.	186.00	18	14	36	Keith	Feb.	2	1894	722	
North Platte R.	Paxton-Hershey Water- Company	Hershey	Paxton-Hershey Canal	Irrig.	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	1894	787R	
North Platte R.	No. River Irrig. Dist.	Oshkosh	Lisco Canal	Irrig.	12.49	14	18	47	Morrill	Mar.	27	1894	787R	
North Platte R.	Suburban Irrig. Dist.	North Platte	Suburban Canal	Irrig.	183.00	12	14	33	Lincoln	May	22	1894	662	
(Lincoln Co. Drain. Dist 1, Ditch 1)	Evans, R. V.	Wallace	Evans Pump	O. D.	D-662	26	14	31	Lincoln	May	22	1894		2638
(Lincoln Co. Drain. Dist 1, Ditch 2)	Suburban Irrig. Dist.	North Platte	Suburban Canal	O. D.	D-662	29	14	31	Lincoln	May	22	1894		2648
(Lincoln Co. Drain. Dist 1, Ditch 2)	Evans, R. V.	Wallace	Evans Pump	O. D.	D-662	26	14	31	Lincoln	May	22	1894	P198	
(Lincoln Co. Drain. Dist 1, Ditch 1)	Suburban Irrig. Dist.	North Platte	Suburban Canal	O. D.	D-662	25	14	32	Lincoln	May	22	1894	P213	
North Platte R.	Roberts, C. F.	Lewellen	Midland-Overland Canal	Irrig.	12.00	4	16	44	Garden	June	9	1894	789	
North Platte R.	Contryman, Chas., et al	Oshkosh	Midland-Overland Canal	Irrig.	20.00	4	16	44	Garden	Aug.	14	1894	791	
North Platte R.	Hannah Irrig. Co.	Lisco	Hannah Canal	Irrig.	5.71	24	18	47	Morrill	Sept.	24	1894	886	
North Platte R.	Oshkosh Irrig. Dist.	Oshkosh	Oshkosh Canal	Irrig.	40.00	33	17	44	Garden	Oct.	5	1894	797	
North Platte R.	Beerline Canal Co.	Broadwater	Beerline Canal	Irrig.	30.00	24	19	49	Morrill	Oct.	13	1894	887	
North Platte R.	Spohn, William	Oshkosh	Spohn Canal	Irrig.	13.14	13	17	45	Garden	Dec.	6	1894	801	
North Platte R.	Rush Creek Irrig. Co.	Lisco	Rush Creek Canal	Irrig.	9.64	2	17	46	Garden	Dec.	11	1894	802	
North Platte R.	Lyons Irrig. District	Oshkosh	Lyons Canal	Irrig.	38.49	30	17	44	Garden	Dec.	22	1894	803	
North Platte R.	Spohn, Wm.	Oshkosh	Spohn Canal	Irrig.	2.40	13	17	45	Garden	Dec.	22	1894	803R	
North Platte R.	Western L. and C. Co.	Omaha	Signal Bluff Canal	Irrig.	30.13	16	16	43	Garden	Jan.	16	1895	807	

North Platte R.	Alfalfa Irrig. District	Ogallala	Alfalfa Canal	Irrig.	100.00	1	15	42	Garden	Mar.	25	1895	738	---
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Steamboat Canal	Irrig.	15.00	4	21	54	Scotts Bluff	Oct.	22	1895	---	186
North Platte R.	No. River Irrig. Canal and W. P. Co.	Oshkosh	North River Canal	Irrig.	81.00	14	18	47	Morrill	Feb.	24	1896	---	243
North Platte R.	No. River Irrig. Dist.	Oshkosh	North River Canal	Irrig.	76.00	14	18	47	Morrill	Feb.	24	1896	---	243R
North Platte R.	No. River Irrig. Dist.	Oshkosh	Oshkosh Canal	Irrig.	2.29	33	17	44	Garden	Feb.	24	1896	---	243R
North Platte R.	Lisco Irrig. Dist.	Lisco	Lisco Canal	Irrig.	9.00	14	18	47	Morrill	Feb.	24	1896	---	243R
North Platte R.	Lees Creek Mutual Irrig. Company	Broadwater	Lamore Canal	Irrig.	20.00	34	19	48	Morrill	July	18	1896	---	327
North Platte R.	Steamboat Irrig. Dist.	Melbeta	Steamboat Canal	Irrig.	.86	4	21	54	Scotts Bluff	July	22	1896	---	350
North Platte R.	Gering Irrig. Dist.	Gering	Gering Canal	Irrig.	208.87	4	23	58	Scotts Bluff	Mar.	15	1897	---	365
North Platte R.	Schermerhorn Irrig. Co.	Bridgeport	Schermerhorn Canal	Irrig.	29.71	16	20	51	Morrill	Oct.	25	1897	---	418
(Camp Clark Seep and Red Willow Cr.)	Schermerhorn Irrig. Co.	Bridgeport	Alliance Canal	O. D.	A-418	9	20	51	Morrill	Oct.	25	1897	---	2088
(Degraw Drain)	Mitchell, Bertha N.	Scottsbluff	Schermerhorn Canal	O. D.	A-418	14	20	51	Morrill	Oct.	25	1897	---	P226
North Platte R.	Farmers Irrig. Dist.	Scottsbluff	Tri-State Canal	Irrig.	600.00	3	23	58	Scotts Bluff	Apr.	14	1902	---	660
North Platte R.	Dept. of the Interior U. S. B. R.	Denver, Colo.	Pathfinder Reservoir	Stor. and Irrig.	†1,070,000	34	29	84	Wyoming	Sept.	19	1904	---	768
North Platte R.	Pathfinder Irrig. Dist.	Mitchell	Interstate Canal	Irrig.	1572.00	10	26	65	Wyoming	Sept.	19	1904	---	768
North Platte R.	Northport Irrig. Dist.	Bridgeport	Interstate-Tri-State Canal	Irrig.	230.00	10	26	65	Wyoming	Sept.	19	1904	---	768
North Platte R.	Gering & Fort Laramie Irrigation Dist.	Gering	Fort Laramie Canal	Irrig.	784.00	10	26	65	Wyoming	Sept.	19	1904	---	768
North Platte R.	Leibhardt Brothers	Denver, Colo.	Empire Canal	Irrig.	1.00	18	20	51	Morrill	July	20	1907	---	866
North Platte R.	Lisco Irrig. Dist.	Lisco	Lisco Canal	Irrig.	3.00	14	18	47	Garden	Apr.	6	1910	---	991
North Platte R.	French Ditch Co.	Lyman	French Canal	Irrig.	11.00	9	23	60	Wyoming	Dec.	21	1911	---	1149
North Platte R.	Dobson, Mary E.	Monrovia, Calif.	Dobson Canal	Irrig.	3.14	5	20	52	Morrill	Feb.	28	1912	---	1181
(Red Willow Creek)	Dobson, Mary E.	Monrovia, Calif.	Dobson Canal	O. D.	A-1181	12	20	51	Morrill	Feb.	28	1912	---	1432
North Platte R.	Stone, Myron H.	San Diego	Stone Canal	Irrig.	1.00	28	18	46	Morrill	Jan.	19	1915	---	1401

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

North Platte R.	Cooper, Wm. Miller.....	Gering.....	Fort Laramie Canal.....	Irrig.....	1.46	11	26	65	Wyoming.....	May	5	1934	---	2378	
North Platte R.	Butler, J. A.....	Gering.....	Fort Laramie Canal.....	Irrig.....	.99	11	26	65	Wyoming.....	Mar.	23	1940	---	3123	
North Platte R.	Platte Valley Public Power and Irrig. Dist.	North Platte.....	Keystone Reservoir.....	Storage.....	†1300A	F	2	14	38	Keith.....	Sept.	12	1940	---	3263
North Platte R.	Gering & Fort Laramie Irrigation Dist.	Gering.....	Fort Laramie Canal.....	Irrig.....			11	26	65	Wyoming.....	June	16	1944	---	3734*
North Platte R., Springs, Trib to	Gatch, Chas.....	Melbeta.....	Gatch Canal.....	Irrig.....	.93	25	21	54	Scotts Bluff.....	Aug.	21	1912	---	1220	
Otter Creek.....	Felt, Elmer G., et al.	Lemoync.....	Otter Creek Canal.....	Irrig.....	3.30	5	15	40	Keith.....	Apr..	1	1891	1032	---	
Otter Creek.....	Otter Creek Mutual Irrigation Co.	Lemoync.....	Otter Creek Canal.....	Irrig.....	10.71	5	15	40	Keith.....	May	24	1912	---	1198	
Otter Creek.....	Otter Creek Mutual Irrigation Co.	Lemoync.....	Otter Creek Canal.....	Irrig.....	1.32	5	15	40	Keith.....	Nov.	6	1912	---	1240	
Otter Creek.....	Otter Creek Mutual Irrigation Co.	Lemoync.....	Otter Creek Canal.....	Irrig.....	15.49	5	15	40	Keith.....	Nov.	6	1912	---	1	
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal.....	Irrig.....	.79	12	22	58	Scotts Bluff.....	Sept.	17	1897	---	411	
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal.....	Irrig.....	1.14	12	22	58	Scotts Bluff.....	Oct.	10	1904	---	770	
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal No. 2.....	Irrig.....	1.14	12	22	58	Scotts Bluff.....	Nov.	29	1907	---	879	
Owl Creek.....	Kellums, John H.....	Morrill.....	Sunflower Canal No. 1.....	Irrig.....	.57	12	22	58	Scotts Bluff.....	Nov.	29	1907	---	881	
Pathfinder Res.	Beerline Canal Co.....	Broadwater.....	Beerline Canal.....	Supple. I.	D-887	24	19	49	Morrill.....						
Pathfinder Res.	Browns Cr. Irrig. Dist.	Bridgeport.....	Browns Creek Canal.....	Supple. I.	D-857	29	20	50	Morrill.....						
Pathfinder Res.	Central Irrig. Dist.	Gering.....	Central Canal.....	Supple. I.	D-926	27	22	55	Scotts Bluff.....						
Pathfinder Res.	Chimney Rk. Irrig. Dist.	Bayard.....	Chimney Rock Canal.....	Supple. I.	D-844	1	20	53	Scotts Bluff.....						
Pathfinder Res.	Farmers Irrig. Dist.	Scottsbluff.....	Tri-State Canal.....	Supple. I.	D-1031										
Pathfinder Res.	Gering Irrig. Dist.	Gering.....	Gering Canal.....	Supple. I.	D-918	3	23	58	Scotts Bluff.....						
					A-660										
					A-365	4	23	58	Scotts Bluff.....						

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County			Mo.	D	Yr.
Pathfinder Res.	Gering & Fort Laramie Irrig. Dist.	Gering	Port Laramie Canal	Supple. I.	A-768	10	26	65	Wyoming				
Pathfinder Res.	Northport Irrig. Dist.	Bridgeport	Interstate-Tri-State Canal	Supple. I.	A-768	10	26	65	Wyoming				
Pathfinder Res.	Pathfinder Irrig. Dist.	Mitchell	Interstate Canal	Supple. I.	A-768	10	26	65	Wyoming				
Pawnee Creek	Haythorn, Harry W.	Maxwell	Holcombe Canal	Irrig.	8.00	13	13	28	Lincoln	Oct.	18	1890	636
Pawnee Creek	Haythorn, Harry W.	Maxwell	Kent-Burke Canal	Irrig.	5.85	13	13	27	Lincoln	Nov.	16	1922	1694
Pawnee Creek	Janssen, H., Estate	Gothenburg	Janssen Canal	Irrig.	8.42	20	13	27	Lincoln	Aug.	31	1931	2231
Pawnee Creek	Murphy, Milton C.	North Platte	Murphy Pump	Irrig.	1.01	33	13	27	Lincoln	June	19	1940	3184
Platte River	Consumers Public Power District	Columbus	Kearney Canal	Irrig.	22.00	3	8	18	Buffalo	Sept.	10	1882	1023
(Kearney Tail Race)	Peaker, Howard	Kearney	Peaker Pump	O. D.	140.00								
Platte River	Consumers Public Power District	Columbus	Gothenburg Canal	Irrig.	D-1023	11	8	16	Buffalo	Sept.	10	1882	1744
Platte River	Consumers Public Power District	Columbus	Gothenburg Canal	Irrig.	12.00	19	12	26	Lincoln	July	5	1890	645a
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	188.00								
(Dawson Co. Drain. Dist. No. 1)	Murray, J. E.	Lincoln	Murray Pump	O. D.	7.00	18	10	23	Dawson	June	14	1894	621
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	O. D.	D-621	1	9	22	Dawson	June	14	1894	P201
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	1142.86	18	10	23	Dawson	June	26	1894	622
(Buffalo Creek)	Savins, Richard T.	Lexington	Savins Pump	O. D.									
(Buffalo Creek)	Doughty, Mrs. Ida	Lexington	Doughty Pump	O. D.	D-622	22	10	21	Dawson	June	26	1894	1495
(Buffalo Creek)	Hodgson, Martha	Lexington	Hodgson Pump	O. D.	D-622	21	10	21	Dawson	June	26	1894	1648
				O. D.	D-622	33	10	20	Dawson	June	26	1894	1868

Platte River.....	Platte Valley Public Power and Irrig. Dist.	North Platte.	Dawson County Canal.....	Irrig.....	43.43	18	10	23	Dawson.....	Sept.	15	1894	624	—
(Dawson Co. Drain. Dist. No. 1)	Rosenberg Brothers.....	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
(Stréver Creek)	Jurgenson, John.....	Overton	Jurgenson Pump.....	O. D.	D-624	35	9	20	Dawson.....	Sept.	15	1894	—	2040
Platte River.....	Consumers P. P. Dist.	Columbus	Gothenburg Canal.....	Irrig.	240.00	19	12	26	Lincoln.....	Sept.	22	1894	645b	—
(Pedens Lake)	Bean, Smith and Good.	Cozad.....	Excell Canal.....	O. D.	D-645b	12	11	23	Dawson.....	Sept.	22	1894	—	1860
Platte River.....	Six Mile Ditch Co.....	Gothenburg	Six Mile Canal.....	Irrig.	40.00	11	11	26	Lincoln.....	Oct.	22	1894	680	—
Platte River.....	Cozad Ditch Company	Cozad.....	Cozad Canal.....	Irrig.	359.86	16	11	25	Dawson.....	Dec.	28	1894	626	—
Platte River.....	South Side Irrig. Co.....	Cozad.....	Orchard-Alfalfa Canal.....	Irrig.	85.00	9	10	24	Dawson.....	Jan.	23	1895	627	—
(Ground Water)	Neil, Leo.....	Cozad.....	Neil Well.....	O. D.	D-627	33	10	23	Dawson.....	Jan.	23	1895	P204*	—
Platte River.....	Consumers P. P. Dist.	Columbus	Kearney Canal.....	Power	485.00	3	8	18	Buffalo.....	Feb.	12	1920	—	1577
Platte River.....	Central Power Company	Grand Island	Central Canal.....	Steam	925.00	29	11	8	Merrick.....	Aug.	12	1920	—	1588
Platte River.....	Steele, Chas.....	Elm Creek	Cottonwood Canal.....	Irrig.	5.33	7	8	18	Phelps.....	Dec.	15	1921	—	1629
Platte River.....	Faught, Carl E. et al.	Cozad.....	Orchard-Alfalfa Canal.....	Irrig.	.80	9	10	24	Dawson.....	Oct.	20	1925	—	1784
Platte River.....	Johnson, P. L.....	Hastings	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	1926	—	1853
Platte River.....	Gruber, Otto J.....	Cozad.....	Orchard-Alfalfa Canal.....	Irrig.	.75	9	10	24	Dawson.....	Nov.	2	1926	—	1870
Platte River.....	Frost, Matts.....	Overton	Frost Canal.....	Irrig.	1.43	16	9	20	Dawson.....	Sept.	3	1927	—	1957
Platte River.....	Priel, Wm. and Jas.....	Overton	Priel Canal.....	Irrig.	2.27	22	9	20	Dawson.....	Sept.	3	1927	—	1958
Platte River.....	Thirty Mile Canal Co.....	Gothenburg	Thirty Mile Canal.....	Irrig.	50.79	30	12	26	Lincoln.....	Dec.	13	1927	—	1976
Platte River.....	Schulz, Louis F.....	Brady	Schulz Pump.....	Irrig.	2.10	20	12	27	Lincoln.....	Oct.	1	1928	—	2038
Platte River.....	Platte Valley Public Power and Irrig. Dist.	North Platte.	Dawson County Canal.....	Irrig.	91.11	18	10	23	Dawson.....	Oct.	3	1928	—	2039
(Strever Creek)	Wengler, Wm. G.....	Overton	Wengler Pump.....	O. D.	A-2039	27	9	20	Dawson.....	Oct.	3	1928	—	2101
Platte River.....	Thirty Mile Canal Co.....	Gothenburg	Thirty Mile Canal.....	Irrig.	4.57	30	12	26	Lincoln.....	Apr.	9	1929	—	2077
Platte River.....	Platte Valley Public Power and Irrig. Dist.	North Platte.	Dawson County Canal.....	Irrig.	3.00	18	10	23	Dawson.....	Aug.	3	1929	—	2093

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* Denotes petition pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Platte River	Elm Creek Ditch Co.	Elm Creek	Elm Creek Canal	Irrig.	226.43	6	8	19	Dawson	Sept.	17	1929	2104	
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	284.91	18	10	23	Dawson	Oct.	25	1929	2110	
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	14.21	18	10	23	Dawson	June	14	1930	2145	
(Dawson Co. Drain. Dist. No. 1)	Sheldon, Mrs. O. N.	Lexington	Sheldon Pump	O. D.	A-2145	11	2	21	Dawson	June	14	1930	P197	
Platte River	Eavey, W. J.	Hastings	Eavey Pump	Irrig.	1.70	3	12	27	Lincoln	Feb.	20	1931	2191	
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Irrig.	12.71	18	10	23	Dawson	Mar.	1	1932	2262	
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings	Tri-Co. Supply Canal Middle Diversion Canal Phelps County Canal	Irrig.	1171.00	8	13	29	Lincoln	Jan.	13	1934	2355	
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings	Plum Creek Reservoir	Storage	1509.000	8	13	29	Lincoln	Apr.	27	1934	2351	
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings	Tri-County Canal	Power	AF 1500.00	8	13	29	Lincoln	Apr.	27	1934	2354	
Platte River	The Central Nebraska Public P. and I. Dist.	Hastings	Tri-County Canal	Power Incr. Hd.	A-2354	8	13	29	Lincoln				3474	
Platte River	Tyler, Floyd	Chapman	Tyler Pump	Irrig.	.96	2	12	7	Merrick	May	17	1940	3163	
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Lower Mid-State Canal	Irrig.		11	8	16	Buffalo	Aug.	30	1943	3633*	
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Upper Mid-State Canal	Irrig.		31	9	20	Dawson	Aug.	30	1943	3634*	
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Mid-State Reservoir Systems	Storage		31	9	20	Dawson	Sept.	3	1943	3638*	
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Upper Prairie Creek Reservoir No. 2	Storage		11	8	16	Buffalo	Sept.	3	1943	3643*	

Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island.	Wood River Plant	Power	31	9	20	Dawson	Sept.	11	1943	3645*	
			Buckeye Plant No. 1	Power	6-7	8	20						
			Upper Prairie Creek Plant	Power									
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island.	Odessa Plant	Power	31	9	20	Dawson	Sept.	11	1943	3648*	
					6-7	8	20						
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island.	Buckeye Plant No. 2	Power	11	8	16	Buffalo	Sept.	17	1943	3651*	
Platte River	Platte Valley Public Power and Irrig. Dist.	North Platte.	Gothenburg Canal	Irrig.	19	12	26	Dawson	Apr.	20	1944	3716	
Platte River	Nebraska Mid-State Public P. and I. Dist.	Grand Island.	Elm Creek Section of the Mid-State Reser- voir System	Storage	36	9	21	Dawson	May	11	1944	3725*	
					2	9	21						
Platte River	Harvey, Henry M.	Gothenburg	Harvey Reservoir	Storage	†35AF	28	9	17	Buffalo	Sept.	28	1937	2791
Ravine, Trib. to Platte River	Johnson, Glenn A.	Holdrege	Johnson Reservoir	Storage		28	6	19	Phelps	Sept.	1	1944	3760*
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.	.40	14	16	42	Garden	Jan.	12	1914	1344R
Plum Creek	Bossung, E. S., et al	Elwood	Bossung Pump	Irrig.	.33	5	7	21	Gosper	Mar.	14	1935	2527
Prairie Creek	MacQueen, Glen D.	Silver Creek	Braeside Pump	Irrig.	7.89	29	16	3	Merrick	Sept.	8	1931	2235
Prairie Creek	Santin, Henry	Palmer	Santin Pump	Irrig.	.36	24	15	6	Merrick	Sept.	5	1939	2958
Pumpkinseed Cr.	Kelley, Wm. J.	Harrisburg	Kelley Canal	Irrig.	1.43	5	19	54	Banner	May	10	1886	915
Pumpkinseed Cr.	Zingg, Henry N.	Platte Center	Heard Canals Nos. 1-2	Irrig.	1.29	14	19	54	Banner	June	1	1887	916
Pumpkinseed Cr.	Olsen, Albert H.	Harrisburg	Logan Canal	Irrig.	4.00	7	19	55	Banner	July	16	1890	902
Pumpkinseed Cr.	Court House Rock Co.	Bridgeport	Court House Rock Canal	Irrig.	30.50	30	19	50	Morrill	Oct.	6	1890	\$40
												1028	
Pumpkinseed Cr.	Nielsen, Eiler S. and Halver G.	Bridgeport	Smith-Wheeler South Canal	Irrig.	1.57	26	19	51	Morrill	Oct.	16	1890	\$42a

"O. D." Denotes optional diversion.

† Reservoir capacity alleged by applicant.

* Denotes Application pending.

"R" Denotes relocation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Pumpkinseed Cr.	Mutual Ditch Company	Redington	Mutual Canal	Irrig.	8.57	39	19	52	Morrill	Nov.	1	1890	843	—
Pumpkinseed Cr.	Sweet, S. R.	Ft. Collins, Colo.	Meredith-Ammer Canal	Irrig.	14.00	23	19	50	Morrill	Feb.	20	1893	876	—
Pumpkinseed Cr.	Finn and Trott	Bridgeport	Last Chance Canal	Irrig.	6.32	27	19	50	Morrill	Apr.	12	1894	883	—
Pumpkinseed Cr.	McCord, Mrs. Gracie	San Bernard- ino, Calif.	Round House Rock Canal	Irrig.	2.77	28	19	51	Morrill	May	29	1894	884	—
Pumpkinseed Cr.	Nunn, Rose	Bridgeport	Nunn Canal	Irrig.	.23	27	19	51	Morrill	May	29	1894	884R	—
Pumpkinseed Cr.	Thompson, R. S., et al.	Redington	Bird Cage Canal	Irrig.	1.00	20	19	51	Morrill	June	1	1895	892	—
Pumpkinseed Cr.	Nielsen, Eiler S. and Halver G.	Bridgeport	Smith-Wheeler North Canal	Irrig.	.71	26	19	51	Morrill	June	1	1896	842b	—
Pumpkinseed Cr.	Cluck, Millard	Harrisburg	Peter Canal	Irrig.	2.57	2	19	56	Banner	July	1	1902	913	—
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff	Airedale Canal No. 1	Irrig.	5.52	2	19	55	Banner	Jan.	24	1903	—	698
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff	Airedale Canal No. 2	Irrig.	3.22	1	19	55	Banner	Jan.	24	1903	—	699
Pumpkinseed Cr.	Gifford, Owen	Gering	Scott Reservoir	Stor. and Irrig.	1.31	7	19	55	Banner	June	24	1903	—	711
Pumpkinseed Cr.	Seybolt, Floyd	Lincoln	Court House Rk. Canal	Irrig.	.43	30	19	50	Morrill	Feb.	28	1907	—	851
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff	Airedale Canal No. 2	Irrig.	1.48	1	19	55	Banner	Oct.	26	1911	—	1133
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff	Airedale Canal No. 1	Irrig.	.51	2	19	55	Banner	Sept.	4	1914	—	1380
Pumpkinseed Cr.	Mead, John H., et al.	Scottsbluff	Airedale Canal No. 3	Irrig.	4.41	2	19	55	Banner	Mar.	15	1918	—	1508
Pumpkinseed Cr.	Quinn, T. E.	Bridgeport	Quinn Canal	Irrig.	.23	20	19	51	Morrill	Oct.	15	1919	—	1561
Pumpkinseed Cr.	Sears, Sigby S.	Omaha	Sears Pump	Irrig.	1.68	25	19	53	Banner	Dec.	20	1929	—	2117
Pumpkinseed Cr.	Reuter, Leonard	Bridgeport	Court House Rk. Canal	Irrig.	.08	30	19	50	Morrill	Apr.	11	1933	—	2315
Pumpkinseed Cr.	Coulter, Bern R.	Bridgeport	Trajis End Canal	Irrig.	2.37	30	19	52	Morrill	June	17	1941	—	3453
Pumpkinseed Cr.	Schnell, E. George	Harrisburg	Schnell Canal	Irrig.	.76	1	19	56	Banner	Oct.	27	1942	—	3588
Red Willow Cr.	Dobson, Mary E.	Monrovia, Calif.	Dobson Canal	Irrig.	2.00	12	20	51	Morrill	Sept.	10	1915	—	1432
Red Willow Cr.	Dobson, Mary E.	Monrovia, Calif.	Dobson Canal	Irrig.	.57	12	20	51	Morrill	Nov.	3	1915	—	1436

Sand Creek	Dudley, W. H.	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
Schuetz Springs	Schuetz, Margaret	Dalton	Schuetz Canal	Irrig.	.21	28	18	50	Morrill	May	10	1892	881	—
Scott Res.	Gifford, Owen	Gering	Scott Canal	Supple. I.	A-711	7	19	55	Banner	June	24	1903	—	711
Sheep Creek	Nash, Charles A.	Morrill	Little Moon Canal	Irrig.	1.00	10	24	58	Sioux	Mar.	23	1904	—	745
Sheep Creek	Covert, Pitt	Cheyenne, Wyo.	Nebraska Reservoir Canal	Irrig.	3.57	86	27	58	Sioux	May	18	1907	—	859
Sheep Creek	Carpenter-Broadbent	Morrill	West Fork Canal	Irrig.	5.14	1	26	58	Sioux	Sept.	21	1907	—	871
Sheep Creek	Cunningham, H. B.	Exeter	Lower Canal	Irrig.	.37	11	25	58	Sioux	Nov.	2	1907	—	875
Sheep Creek	Carpenter-Broadbent	Morrill	Horse Camp Reservoir	Irrig.	.43	36	27	58	Sioux	Jan.	20	1908	—	885
Sheep Creek	Sheep Creek Lateral Co.	Morrill	Sheep Creek Lateral	Irrig.	.10	8	23	57	Scotts Bluff	Feb.	26	1912	—	1176
Sheep Cr., Trib. to	Sheep Creek Lateral Co.	Morrill	Sheep Creek Lateral	Irrig.	.28	8	23	57	Scotts Bluff	Feb.	20	1915	—	1403
Sheldon Drain	Sheldon, A. B. and Frances	Lexington	Sheldon Pump	Irrig.		15	11	26	Dawson	July	25	1944	—	3745*
Skunk Creek	Knight, H. H.	Keystone	Miller Canal	Irrig.	2.29	1	14	37	Keith	Apr.	1	1895	740	—
Skunk Creek	The McGinley Land and Cattle Co.	Ogallala	Skunk Creek Canal	Irrig.	5.00	6	14	36	Keith	Nov.	5	1909	—	968
Slough, Warm	Johnson, Abram M., Estate	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	Elmore Reservoir	Storage	†2300AF	1	24	52	Box Butte	June	7	1911	—	1104
South Platte R.	Paloucek, Joe, et al.	Ogallala	Hollingsworth Canal	Irrig.	4.70	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, Estate	Brule	Meyer Canal	Irrig.	1.46	22	13	40	Keith	Apr.	14	1896	—	283

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

*Denotes Application pending.

† Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						County			Mo.	D	Yr.			
						S	T	R						
South Platte R.	Western Irrig. Dist.	Big Springs	Western Canal	Irrig.	**154.40	14	12	43	Keith	June	14	1897	---	393
South Platte R.	Western Irrig. Dist.	Big Springs	Western Canal	Irrig.	**25.60	29	13	41	Keith	June	14	1897	---	393R
South Platte R.	Beal, Orvill	Brule	Beal Canal	Irrig.	5.16	20	13	40	Keith	Sept.	20	1921	---	1620
South Platte R.	Western Irrig. Dist.	Big Springs	Western Canal	Irrig.	11.43	14	12	43	Keith	Apr.	13	1926	---	1804
South Platte R.	Junge, M. F.	Big Springs	Junge Canal	Irrig.	1.07	31	13	41	Deuel	Sept.	11	1926	---	1857
South Platte R.	Paxton Irrig. Dist.	Paxton	Paxton Canal	Irrig.	70.19	1	13	38	Keith	Nov.	22	1926	---	1874
South Platte R.	Contryman, C. L.	Ogallala	Hollingsworth Canal	Irrig.		12	13	39	Keith	Mar.	16	1938	---	2848*
South Platte R.	Platte Valley Public Power and Irrig. Dist.	North Platte	North Platte Plant	Power		7	13	36	Keith	Mar.	29	1943	---	3601*
South Platte R.	Peterson, Oscar J.	Ogallala	Hollingsworth Canal	Irrig.		7	13	38	Keith	Mar.	17	1944	---	3700*
Spotted Tail, Dry	Great Western Sugar Company	Scottsbluff	Mitchell Factory	Mfg.	15.00	20	23	56	Scotts Bluff	Mar.	24	1920	---	1582
Spotted Tail, Wet	Shepard, Harry G.	Mitchell	Stewart-Brown Canal	Irrig.	1.59	26	24	56	Scotts Bluff	Mar.	2	1904	---	743
Spotted Tail, Wet	Shepard, Harry G.	Mitchell	Stewart-Brown Canal	Irrig.	2.28	26	24	56	Scotts Bluff	Mar.	17	1911	---	1072
Spotted Tail, Wet	Young, Thos. H.	Mitchell	Spring Creek Reservoir	Ice	†20AF	27	23	56	Scotts Bluff	Feb.	6	1922	---	1642
Spring Branch	Brogan Bros.	Keystone	Brogan Canal	Irrig.	.57	35	15	37	Keith	Sept.	24	1897	---	410
Spring Branch	Barden, Wm. E.	Bridgeport	Barden Pump	Irrig.	.89	11	18	52	Morrill	June	17	1929	---	2086
Spring Creek	Otter Creek Mutual Irrigation Co.	Lemoyne	Spring Creek Canal	Irrig.	.57	12	15	40	Keith	June	18	1894	724	---
Spring Creek	U. P. Railroad Company	Omaha	Frazier Lake	Ice	4.00	35	14	30	Lincoln	Sept.	6	1907	---	868
Spring Cr., Little	Keystone Irrig. Co.	Keystone	Little Spring Canal	Irrig.	.57	29	15	37	Keith	Apr.	1	1902	---	659
Spring Cr., Little	Hawkins, Ardis	Keystone	Hawkins Canal	Irrig.	1.31	29	15	37	Keith	Apr.	8	1930	---	2914
Spring Cr., Little	The Cooperative Re- finery Ass'n., et al	North Kansas City, Mo.	Shramek Canal	Irrig.	1.53	22	22	55	Scotts Bluff	June	9	1913	---	1295
Spring Cr., Little	Graves, Johnson H., Estate	Scottsbluff	Gilchrist Canal	Irrig.	.14	22	22	55	Scotts Bluff	July	29	1913	---	1310

Spring Cr., Little	McClenahan, E.	Scottsbluff	Shramek Canal	Irrig.	.57	22	22	55	Scotts Bluff	July	30	1917	1492
Spring Cr., Little	Martin, D. H.	Scottsbluff	Shramek Canal	Irrig.	.14	22	22	55	Scotts Bluff	June	3	1918	1515
Strever Creek	Jensen, Nelly M.	Cozad	Jensen Canal	Irrig.	.56	23	11	23	Dawson	July	27	1925	1772
Strever Creek	Anders, Ida M.	Cozad	Anders Canal	Irrig.	1.10	23	11	23	Dawson	July	27	1925	1773
Strever Creek	Garrelts, Ervin	Cozad	Gardner Pump	Irrig.	1.00	30	12	23	Dawson	Apr.	11	1927	1924
Strever Creek	Siebenaler, Mat.	Overton	Siebenaler Pump	Irrig.	2.31	6	8	19	Dawson	Nov.	22	1927	1969
Strever Creek	Beatty, Harry T.	Overton	Beatty Canal	Irrig.	1.13	18	9	20	Dawson	June	3	1929	2083
(Dawson Co. Drain. Dist. No. 1)	Beatty, Harry T.	Overton	Beatty Pump	O. D.	A-2083	18	9	20	Dawson	June	3	1929	2777*
Strever Creek	Peterson, P. R.	Lexington	Peterson Pump	Irrig.	1.11	18	9	20	Dawson	Aug.	8	1929	2094
Strever Creek	Beatty, Esther	Overton	Bend Canal	Irrig.	1.63	36	9	20	Dawson	Aug.	26	1929	2099
Strever Creek	Jurgenson, Henry, Est.	Overton	Jurgenson Pump	Irrig.	1.03	35	9	20	Dawson	May	7	1931	2202
Strever Creek	Gardner and Garrelts	Cozad	Gardner Pump	Irrig.	.90	30	12	23	Dawson	Oct.	8	1941	3516
Strever Creek	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Buckeye Valley Reservoir	Storage		20	9	20	Dawson	Sept.	3	1943	3639*
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Sutherland Canal	Supple. P.	†54,000AF	16	13	33	Lincoln	Mar.	8	1937	2710
					A-2353								
					A-2640								
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Cozad Canal	Supple. I. Stor-only	D-626	16	11	25	Dawson	Mar.	31	1937	2726
													2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte	Dawson County Canal	Supple. I.	D-621	18	10	23	Dawson	Mar.	31	1937	2726
				Supple. I.	D-622								2726
				Supple. I.	D-624								2726
				Supple. I.	A-2039								2726
				Supple. I.	A-2093								2726
				Supple. I.	A-2110								2726
				Supple. I.	A-2145								2726
				Supple. I.	A-2262								2726
				Stor-only									2726

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

* Denotes Application pending.

† Reservoir capacity alleged by applicant.

"O. D." Denotes optional diversion.

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

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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.				
						S	T	R	County	Mo.			D	Yr.		
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte.	Elm Creek Canal.	Supple. I.	A-2104	6	8	19	Dawson.	Mar.	31	1937	—	2726		
				Supple. I.	A-1859										—	2726
				Supple. I.	A-1985										—	2726
				Supple. I.	A-1988										—	2726
				Supple. I.	A-2012										—	2726
				Supple. I.	A-2066										—	2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte.	Gothenburg Canal.	Supple. I.	A-2068				Lincoln.	Mar.	31	1937	—	2726		
				Supple. I.	D-645a	19	12	26							—	2726
				Supple. I.	D-645b										—	2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte.	Kearney Canal.	Supple. I.	A-3717			Buffalo.	Mar.	31	1937	—	2726			
				Stor.-only.	D-1023	3	8					18			—	2726
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte.	Orchard-Alfalfa Canal.	Supple. I.	D-627	9	10	24	Dawson.	Mar.	31	1937	—	2726		
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte.	Six Mile Canal.	Supple. I.	D-680	11	11	26	Lincoln.	Mar.	31	1937	—	2726		
Sutherland Res.	Platte Valley Public Power and Irrig. Dist.	North Platte.	Thirty Mile Canal.	Supple. I.	A-1853	30	12	26	Lincoln.	Mar.	31	1937	—	2726		
				Supple. I.	A-1976										—	2726
				Supple. I.	A-2077										—	2726
				Stor.-only.											—	2726
				Supple. I.	A-1784										—	2726
Turkey Creek, and Kearney Tail Race	Nebraska Mid-State Public P. and I. Dist.	Grand Island.	Lower Buffalo, Hall and Merrick County Canal	Supple. I.	A-1870				Buffalo.	Aug.	30	1943	—	2726		
Irrig.															3635*	
White Horse Cr.	Tobin Investment Co., and Herrod, Catherine	North Platte.	Laplough Lake.	Irrig.	2.86	\$	14	30	Lincoln.	Dec.	31	1883	658	—		

White Horse Cr.	Peterson, James C.	North Platte	Bratt Canal	Irrig.	6.00	9	14	30	Lincoln	Aug.	25	1913	1316
White Horse Cr.	McCrone, Scott	North Platte	McCrone Pump	Irrig.	1.71	5	14	30	Lincoln	Mar.	10	1930	2127
Write Tail Cr.	The McGinley Land and Cattle Co.	Ogallala	McCarthy Canal	Irrig.	1.00	36	15	38	Keith	July	15	1890	749
Write Tail Cr.	The McGinley Land and Cattle Co.	Ogallala	Halloway-Phelps Canal	Irrig.	3.36	36	15	38	Keith	June	1	1893	717
Write Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	8.00	26	15	38	Keith	Oct.	30	1894	730
Write Tail Cr.	Martin, Chas. O.	Keystone	Reed Canal	Irrig.	.57	15	15	38	Keith	May	15	1895	751
Write Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	39.00	26	15	38	Keith	Apr.	26	1902	662b
(Paxton Creek)	Coyner, S. C.	Keystone	Coyner Canal	O. D.	A-662b	31	15	37	Keith	Apr.	26	1902	P185
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	4.30	26	15	38	Keith	Nov.	30	1906	\$43
White Tail Cr.	Keystone Irrig. Co.	Keystone	Keystone Canal	Irrig.	7.41	26	15	38	Keith	May	27	1910	1003
White Tail Cr.	White Tail Public Power and Irrig. Dist.	Keystone	White Tail Reservoir	Storage		13	13	34	Lincoln	Jan.	24	1941	3378*
Willow Creek	Banner County Bank	Harrisburg	Willow Springs Canal	Irrig.	.57	16	19	56	Banner	Jan.	21	1902	650
Willow Creek	Banner County Bank	Harrisburg	Willow Springs Canal	Irrig.	.86	16	19	56	Banner	Jan.	21	1902	651
Willow Creek	Cross, Inez V.	Harrisburg	Cross Canal	Irrig.	1.70	16	19	56	Banner	May	8	1926	1808
Willow Creek	Stafford, Margart	Paxton	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
Willow Creek	Knight, W. F.	Sarben	Willow Creek Canal	Irrig.	.33	15	14	35	Keith	Oct.	13	1934	2488
Winters Creek	Bouton, Chas. A.	Gering	Bouton Canal	Irrig.	1.00	3	22	54	Scotts Bluff	Aug.	17	1889	923
Winters Creek	Great Western Sugar Company	Scottsbluff	Scottsbluff Factory	Mfg.	15.00	19	22	54	Scotts Bluff	Oct.	4	1920	1522
Wood River	Ashburn, J. N.	Gibbon	Ashburn Canal	Power	40.00	13	5	14	Buffalo	Nov.	1	1873	993
Wood River	Bearss, Guy S.	Kearney	Bearss Canal	Power	25.40	43	9	16	Buffalo	May	1	1881	995
Wood River	Union Central Life Insurance Company	Cincinnati, Ohio	White Bridge Park	Irrig.	.03	8	9	15	Buffalo	Mar.	14	1900	545a
Wood River	Union Central Life Insurance Company	Cincinnati, Ohio	White Bridge Park	Power	10.00	8	9	15	Buffalo	Mar.	14	1900	545b
Wood River	Jacobson, C. A.	Riverdale	Jacobson Canal	Irrig.	.50	31	10	16	Buffalo	Nov.	10	1910	1038

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

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

*Denotes Application pending.

"O. D." Denotes optional diversion.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of			Date of			Doc. No.	App. No.	
						Diversion or Dam			Priority					
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Wood River	Kimbrough, Corn	Shelton	Kimbrough Canal	Irrig.	4.00	36	10	13	Buffalo	Sept.	21	1912	1227	
Wood River	Jacobson, C. A.	Riverdale	Jacobson Reservoir	Storage	†3000A	F	31	10	16	Buffalo	Feb.	3	1920	1576
Wood River	Haug, James, Estate	Shelton	Haug Pump	Irrig.	.64	9	9	13	Buffalo	Sept.	7	1920	1590	
Wood River	Peterson, Christianna	Shelton	Petersen Pump	Irrig.	1.07	10	9	13	Buffalo	July	11	1921	1611	
Wood River	Nutter, M. D.	Shelton	Nutter Pump	Irrig.	2.28	8	9	13	Buffalo	Aug.	29	1921	1616	
Wood River	Rodgers, J. H., Estate	Gibbon	Rodgers Pump	Irrig.	.30	14	9	14	Buffalo	Feb.	4	1922	1641	
Wood River	Nebr. Conf. Ass'n. of Seven Day Adventists	Shelton	Shelton Academy Pump	Irrig.	2.28	31	10	12	Hall	Feb.	16	1922	1643	
Wood River	Haug, James, Estate	Shelton	Haug Pump No. 2	Irrig.	.92	9	9	13	Buffalo	Feb.	28	1922	1644	
Wood River	Hallen, Hjalmar	Kearney	Hallen Reservoir	Storage	†1A	F	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	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	Slater, Selmer	Amherst	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	First Trust Co., et al.	Lincoln	Kirk Pumps	Irrig.	2.57	14	9	14	Buffalo	Feb.	23	1926	1797	
Wood River	Langan, Thos.	Wood River	Langan Pump	Irrig.	1.14	19	10	11	Hall	Mar.	19	1926	1800	
Wood River	McConnell, Sadie I., et al.	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	1814	
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, Mrs. 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	1831	
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	1937	
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	2136	
Wood River	Nye, Kate D.	Kearney	Nye Pump	Irrig.	.28	10	9	16	Buffalo	Sept.	11	1937	2785	
Wood River	Thornton, S. Cary	Kearney	Thornton Pump	Irrig.	.42	9	9	15	Buffalo	Apr.	17	1939	2915	
Wood River	Czenkusch, Carl	Amherst	Czenkusch Pump	Irrig.	.15	25	11	18	Buffalo	May	22	1939	2924	
Wood River	Conklin, Grace L.	Lincoln	Conklin Pumps	Irrig.	2.09	4	11	8	Merrick	Apr.	29	1940	3145	
						5	11	8						
Wood River	Belschner, Howard E.	Amherst	Belschner Pump	Irrig.	.12	16	10	17	Buffalo	July	24	1940	3212	
Wood River	Huffstutter, W. F.	Kearney	Huffstutter Pump	Irrig.	.78	9	9	15	Buffalo	Sept.	17	1940	3267	
Wood River	Sharp, Earl H.	Broken Bow	Sharp Pump	Irrig.	.83	12	9	16	Buffalo	Sept.	30	1940	3275	
Wood River	Cunningham, S. S.	Riverdale	Cunningham Pump	Irrig.	.26	31	10	16	Buffalo	Oct.	14	1940	3294	
Wood River	Conklin, Grace L.	Lincoln	Conklin Pumps	Irrig.	1.86	5	11	8	Merrick	Oct.	30	1940	3314	
						8	11	8						
Wood River	Nebraska Mid-State Public P. and I. Dist.	Grand Island	Wood River Reservoir	Storage		4	9	16	Buffalo	Sept.	3	1943	3642*	
Wood River	Snyder, Ray A.	Kearney	Snyder Pump	Irrig.	.30	10	9	15	Buffalo	Apr.	4	1944	3709	
Wood River, Ravine, Trib. to	Randall, Otis	Gibbon	Randall Reservoir	Irrig.	†44	AF	6	9	14	Buffalo	July	29	1944	3746

*Denotes Application pending.

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Dec. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Askey Lake.....	Pleas, Walter P., Est.....	Oxford.....	Pleas Pump.....	Irrig.....	2.31	5	3	21	Furnas.....	Jan.	4	1930	.....	2120
Beaver Creek.....	Weber, John, Estate.....	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
Beaver Creek.....	Beaver-Sappa Public	Stamford.....	South Beaver Canal.....	Irrig.....		23	2	23	Furnas.....	Dec.	14	1936	.....	2671a*
(See Sappa Cr.)	P. and I. District		North Beaver Canal.....	Irrig.....		23	2	23	Furnas.....					
Beaver Creek.....	Beaver-Sappa Public	Stamford.....	Beaver Reservoir.....	Storage.....		23	2	23	Furnas.....	Dec.	14	1936	.....	2672a*
(See Sappa Cr.)	P. and I. District													
Beaver Creek.....	Gallatin, Bryan J. and John E.	Danbury.....	Wood Pump.....	Irrig.....	.88	24	1	28	Red Willow.....	Oct.	8	1937	.....	2796
Beaver Creek.....	Puelz, Robert A., and Lowell V.	Danbury.....	Puelz Pump.....	Irrig.....	.71	24	1	28	Red Willow.....	Apr.	1	1938	.....	2857
Beaver Creek.....	Morris, James E.....	Lebanon.....	Morris Pump.....	Irrig.....	.64	11	1	26	Red Willow.....	May	10	1939	.....	2920
Beaver Creek.....	Watson, Bert.....	Beaver City.....	Butler Pump.....	Irrig.....	.96	13	2	23	Furnas.....	Jan.	10	1941	.....	3366
Beaver Creek.....	Downing, Amy C.....	Beaver City.....	Downing Pump.....	Irrig.....	.43	16	2	22	Furnas.....	Jan.	21	1941	.....	3373
Beaver Creek.....	Williams, Mary E.....	Grand Island.....	Williams Pump.....	Irrig.....	.70	28	2	23	Furnas.....	Sept.	15	1941	.....	3565
						21	2	23						
Beaver Creek.....	Oxford, Delbert G.....	Beaver City.....	Oxford Pump.....	Irrig.....	.09	18	2	22	Furnas.....	May	4	1942	.....	3563
Beaver Creek.....	Shank, F. W.....	Oxford.....	Shank Pump.....	Irrig.....	1.77	15	2	22	Furnas.....	Aug.	15	1942	.....	3582
Beaver Creek, Ravine Trib. to	Garey, Raymond R.....	Beaver City.....	Garey Reservoir.....	Furnas.....	†57AF	12	2	23	Furnas.....	Oct.	14	1939	.....	2986
Beaver Creek, Ravine Trib. to	Ackerman, G. W.....	Beaver City.....	Campbell Reservoir.....	Storage.....	†161.5AF	22	2	22	Furnas.....	July	23	1941	.....	3459
Bell Creek.....	Bell, J. F.....	Superior.....	Valley Reservoir.....	Storage.....	†25AF	29	1	6	Nuckolls.....	Apr.	30	1928	.....	2013
Bell Creek.....	Beal, W. C.....	Superior.....	Beal Reservoir.....	Fish.....	†19AF	17	1	6	Nuckolls.....	Feb.	21	1941	.....	3399
Berger Creek (See School Cr.)	Sughroue, Edward.....	Indianola.....	Sughroue Pump.....	Irrig.....	.64	15	3	27	Red Willow.....	Aug.	16	1932	.....	2250

Blackwood Cr.	Barth, Mrs. Lydia	Culbertson	Barth Pump	Irrig.	.47	33	4	31	Hitchcock	Apr.	27	1940	3143	
Blackwood Cr.	Barth, Mrs. Lydia	Culbertson	Barth Pump	Irrig.	.17	33	4	31	Hitchcock	Nov.	8	1940	3328	
Blackwood Cr.	Russell, Carson	McCook	Russell Canal	Irrig.	2.57	6	4	31	Hitchcock	July	31	1941	3477	
Broeker Res.	Broeker, A. F.	Edison	Broeker Canal	Stor-only		4	3	22	Furnas	Dec.	10	1940	3535	
Brown Reservoir	Brown, Floyd T.	Stamford	Brown Canal	Stor-only		4	1	21	Furnas	Apr.	29	1941	3434	
Buffalo Creek	Larned, Wm. H., et al.	Haigler	Allen-Larned Canal	Irrig.	6.00	18	1	40	Dundy	Oct.	16	1890	117	
Buffalo Creek	Jenkins, Carrol C.	Haigler	Jenkins Canal No. 1	Irrig.	4.57	18	1	40	Dundy	Dec.	12	1908	924	
Bushy Creek	Young, Lee	Maywood	Young Canal	Irrig.	.20	33	8	29	Frontier	Apr.	5	1927	1921	
Bushy Creek	Russell, G. E.	Maywood	Russell Pump	Irrig.	1.50	33	8	29	Frontier	Oct.	31	1940	3319	
Campbell Res.	Ackerman, G. W.	Beaver City	Campbell Canal	Stor-only		22	2	22	Furnas	July	23	1941	3460	
Cannon Res.	Cannon, Elmer	Benkelman	Cannon Canal	Stor-only				2	37	Dundy	Feb.	5	1943	3596*
Center Creek	Blank and Norton	Franklin	Blank and Joy Canal	Irrig.	2.82	1	1	15	Franklin	Aug.	17	1928	2025	
Center Creek	Hevner Serum Co.	Franklin	Joy-Blank-Hevner Canal	Irrig.	.64	1	1	15	Franklin	Jan.	23	1940	3084	
Center Creek	Versaw, Willie K. and F. F.	Franklin	Versaw Pump	Irrig.	.18	27	2	15	Franklin	June	1	1940	3169	
Cheyenne Canyon Creek	Cannon, Elmer	Benkelman	Cannon Reservoir	Storage		35	2	37	Dundy	Feb.	5	1943	3595	
Cook Creek	Haskell, J. G., et al.	Alma	Cook Creek Canal	Irrig.	.57	33	2	18	Harlan	July	21	1917	1491	
Cottonwood Cr.	Worden, Jennie	Superior	Worden Lake	Resort	†50A	F	11	1	S	Nuckolls	Nov.	25	1938	2897
Cottonwood Lit.	Gardner, C. D.	Bloomington	Gardner Canal	Irrig.	1.14	6	1	15	Franklin	Mar.	20	1922	1647	
Cottonwood Lit.	Koelmel, John	Bloomington	Koelmel Pump	Irrig.	.04	31	2	15	Franklin	Feb.	24	1940	3094	
Craig Creek	Hoylman, M. B.	Naponee	Hoylman Canal	Irrig.	1.69	14	1	17	Harlan	Aug.	1	1927	1948	

*Application pending.

†Reservoir capacity alleged by applicant.

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

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

70

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						S	T	R	County	Mo.	D			Yr.
Crow Reservoir	Crow, Clark	Oxford	Crow Canal	Stor.-only		19	3	20	Harlan	Nov.	20	1940	3548
Crystal Springs	Eshelman, C. F.	Riverton	Crystal Springs Canal	Irrig.	.28	10	2	13	Franklin	Aug.	17	1921	1615 768
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
Deep Creek	Brown, Harold	Orleans	Brown Pump	Irrig.	.50	22	3	20	Harlan	June	9	1943	3618
Deer Creek	Farr, Ed	Cambridge	Farr Pump	Irrig.	.22	10	5	25	Frontier	Feb.	7	1938	2833
Driftwood Cr.	Schmitz, Carl M.	McCook	Schmitz Canal	Irrig.	1.50	12	2	30	Red Willow	May	3	1913	1287
Driftwood Cr.	Hesterwerth, Mrs. John T., et al	McCook	Hesterwerth Canal	Irrig.	1.00	14	2	30	Red Willow	Nov.	17	1913	1332
Driftwood Cr.	Kueffer, Mattie S., et al	San Carlos, Calif.	Sylvan Dell Canal	Irrig.	2.80	1	2	30	Red Willow	Dec.	6	1913	1340
Driftwood Cr.	Hoyt, Frank	McCook	Hoyt Pump	Irrig.	.56	24	2	31	Hitchcock	Sept.	7	1937	2780
Driftwood Cr.	Liebrandt, John C.	McCook	De Groff Pump	Irrig.	.67	14	2	30	Red Willow	Sept.	5	1939	2957
Driftwood Cr.	Hoyt, Homer	McCook	Hoyt Canal	Irrig.	.68	25	2	31	Red Willow	Feb.	23	1943	3597
Elk Creek	Murray, Esther	Arapahoe	Murray Canal	Irrig.	2.85	11	4	23	Furnas	Aug.	13	1913	1315
Elm Creek	Rasser, William and Walter	Red Cloud	Rasser Canal	Irrig.	1.02	3	1	10	Webster	Jan.	24	1934	2357
Elm Creek	Rasser, William and Walter	Red Cloud	Rasser Eros. Canal	Irrig.	.45	3	1	10	Webster	Apr.	26	1939	2917
Feese Res.	Feese, Edna	Hastings	Feese Canal	Stor.-only		30	2	20	Harlan	Sept.	9	1941	3498*
Flag Creek	Kerr, Robert H.	Alma	Kerr-Ralston Pump	Irrig.	.32	27	2	19	Harlan	Apr.	19	1943	3607
Flag Creek	Davis, John E.	Orleans	Davis Pump	Irrig.	.22	21	2	19	Harlan	Apr.	12	1944	3712

REPORT OF THE STATE ENGINEER

Flag Creek	Landgreen, Mrs. Alma	Orleans	Landgreen-Ralston Pump	Irrig.	22	2	19	Harlan	July	5	1944	3741	
Fox Creek	Schick, Wm.	Curtis	Schick Pump	Irrig.	.43	5	3	28	Frontier	May	16	1940	3161
Fox Creek	Keldsen, Chris.	Curtis	Keldsen Pump	Irrig.	.35	8	3	28	Frontier	May	16	1940	3162
Frenchman R.	Athey, H. E.	Wauneta	Wauneta Plant	Power	35.00	11	5	36	Chase	July	31	1886	178
Frenchman R.	Wauneta L. and P. Co.	Wauneta	Wauneta Plant	Rs. Dam	D-178	11	5	36	Chase	May	7	1928	2015
Frenchman R.	Knotwell, Glen R.	Champion	Champion Mills	Power	23.30	21	6	39	Chase	Dec.	31	1887	179
Frenchman R.	Sheridan, Ellen T., et al	McCook	Aberdeen Canal	Irrig.	2.00	3	5	38	Chase	July	1	1888	50a
Frenchman R. and Stinking Water Creek	Frenchman Valley Irrigation District	Culbertson	Culbertson Canal	Irrig.	215.00	31	5	33	Hayes	May	16	1890	24-25 29-30
Frenchman R.	Kilpatrick Brothers	Beatrice	Champion Canal	Irrig.	124.00	23	6	40	Chase	Dec.	23	1890	47
Frenchman R.	Sheridan, Ellen T., et al	McCook	Aberdeen Canal	Irrig.	.50	3	5	38	Chase	Feb.	2	1891	50b
Frenchman R.	Farmers Canal Co.	Culbertson	Farmers Canal	Irrig.	10.00	11	3	32	Hitchcock	Dec.	19	1893	10
(Canyon No. 10)	Gerlach, Geo., et al.	Culbertson	Wacker Canal	O. D.	D-10	17	3	31	Hitchcock	Dec.	19	1893	1523
(Canyon No. 10)	Crews, C. G.	Culbertson	Farmers Canal	O. D.	D-10	17	3	31	Hitchcock	Dec.	19	1893	1573
Frenchman R.	Riverside Irrig. Co.	Culbertson	Riverside Canal	Irrig.	12.00	33	4	32	Hitchcock	July	28	1894	18
Frenchman R.	Maranville, E., et al.	Champion	Maranville Canal	Irrig.	6.00	12	6	41	Chase	Dec.	8	1894	70-71
Frenchman R.	Inman, Norton	Champion	Inman Canal	Irrig.	1.50	17	6	40	Chase	Feb.	28	1895	79
Frenchman R.	Shallenberger and Hoffmeister	Imperial	Shallenberger Canal	Irrig.	1.77	25	6	39	Chase	Dec.	21	1897	423
Frenchman R.	Inman Irrig. Co.	Imperial	Inman Canal	Irrig.	6.43	17	6	40	Chase	Feb.	10	1898	436
Frenchman R.	Hoke, J. A., Estate	Champion	Champion Creamery	Power	34.40	21	6	39	Chase	Dec.	12	1900	591
Frenchman R.	Follett-Krotter	Palisade	Follett-Krotter Pump	ric.	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.	Krotter, F. C., Estate	Palisade	Follett-Krotter Canal	Irrig.	5.70	35	5	34	Hayes	Jan.	15	1910	975
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Power Plant	Power	55.00	35	5	34	Hayes	Aug.	17	1910	1021
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Canal	Irrig.	2.42	35	5	34	Hayes	Dec.	15	1910	1047
Frenchman R.	Kilpatrick Brothers	Beatrice	Champion Canal	Storage	†1000AF	23	6	40	Chase	June	22	1911	1108
Frenchman R.	Sheridan, Ellen T.	McCook	Aberdeen Canal	Irrig.	1.57	3	5	38	Chase	July	29	1911	1117
Frenchman R.	Theobald and Athey	Wauneta	Wauneta Plant	Power	75.00	11	5	36	Chase	Nov.	16	1911	1136
Frenchman R.	Arterburn, E. E.	Lincoln	Arterburn Reservoir	Storage	†1800AF	11	6	41	Chase	Nov.	28	1911	1142

* Application pending.

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

† Amount affirmed by U. S. Supreme Court.

‡ Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Frenchman R.	Bishop, Stephen S., Est.	Lincoln	Inman Reservoir	Storage	†2000AF	17	6	49	Chase	Dec.	8	1911	---	1145
Frenchman R.	Oliver Brothers	Wauneta	Oliver Plant	Power	50.00	7	5	35	Hayes	Apr.	28	1913	---	1254
Frenchman R.	Oliver Brothers	Wauneta	Oliver Plant	Rs. Dam	A-1284	7	5	35	Hayes	Jan.	16	1929	---	2061
Frenchman R.	Oliver Brothers	Wauneta	Oliver Canal	Irrig.	3.20	7	5	35	Hayes	Apr.	28	1913	---	1285
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter Plant	Power	65.00	35	5	34	Hayes	Dec.	2	1913	---	1330
Frenchman R.	City of Imperial	Imperial	Imperial Plant	Power	55.00	25	6	39	Chase	Feb.	7	1917	---	1474
Frenchman R.	City of Imperial	Imperial	Imperial Reservoir	Storage	†960AF	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., Estate	Palisade	Follett-Krotter Canal	Irrig.	2.98	35	5	34	Hayes	Jan.	6	1933	---	2294
Frenchman R.	Grosbach and Williams	Wauneta	Grosbach-Williams Plant	Power	75.00	5	5	37	Chase	July	27	1933	---	2338
Frenchman R.	Grimm, Fred R.	Wauneta	Grimm Pumps	Irrig.	1.19	15	5	35	Hayes	Apr.	25	1935	---	2542
						16	5	35						
						22	5	35						
Frenchman R. and Springs	Hoffmeister, Geo.	Imperial	Hoffmeister Reservoir	Storage	†100AF	31	6	38	Chase	Mar.	13	1936	---	2570
Frenchman R.	Krausnick, Fred W.	Wauneta	Krausnick Pump	Irrig.	.56	3	5	37	Chase	Mar.	2	1937	---	2705
Frenchman R.	Wise, Emma J.	Palisade	Wise Pump	Irrig.	1.38	22	5	35	Hayes	Aug.	10	1937	---	2772
Frenchman R.	Witt and Follett	Palisade	Follett-Witt Pump	Irrig.	.46	35	5	34	Hayes	Nov.	20	1937	---	2805
Frenchman R.	Hoffmeister, Chas.	Imperial	Hoffmeister Lake	Resort		24	6	40	Chase	Jan.	21	1938	---	2829*
Frenchman R.	Severns, U. S.	Palisade	Severns Pump	Irrig.	.91	9	4	23	Hitchcock	Mar.	15	1938	---	2847
Frenchman R.	Oliver Brothers	Wauneta	Oliver Pump	Irrig.	.35	16	5	35	Hayes	Apr.	2	1938	---	2858
Frenchman R.	Sims and Engell	Wauneta	Engell-Sims Pump	Irrig.	1.23	17	5	35	Hayes	Feb.	9	1939	---	2908
Frenchman R.	Gruver, Clyde L.	Palisade	Gruver Pump	Irrig.	1.03	5	4	33	Hitchcock	Feb.	27	1939	---	2910
Frenchman R.	Handel, Raymond J.	Palisade	Handel Pump	Irrig.	1.35	8	4	33	Hitchcock	Mar.	11	1940	---	3112
Frenchman R.	Krotter, F. C. Estate	Palisade	Krotter Bros. Pump	Irrig.		4	5	38	Chase	Sept.	11	1941	---	3503*
Frenchman R.	Krotter, F. C. Estate	Palisade	Krotter Reservoir	Storage		4	5	38	Chase	Sept.	11	1941	---	3504*
Ravine Trib. to	Krotter, F. C. Estate	Palisade	Krotter-Rice Reservoir	Storage	†33AF	34	5	34	Hayes	Feb.	4	1944	---	3678

Garey Reservoir	Garey, Raymond R.	Beaver City	Garey Canal	Stor-only	12	2/23	Furnas	Oct.	14	1939	3483
Gerd Reservoir	Gerd, Clarence	Stamford	Gerd Canal	Stor-only	31	2/21	Furnas	Feb.	29	1940	3485
Ground Water	Krotter, F.-C. Estate	Palisade	Krotter Well No. 1	Irrig.	36	5/34	Hayes	May	6	1938	2872*
Ground Water	Rice, Floyd W.	Palisade	Krotter Well No. 2	Irrig.	1	4/34	Hitchcock				
Ground Water	Ashmore, Hugh B.	Palisade	Rice Well	Irrig.	34	5/24	Hayes	Oct.	8	1938	2889*
Ground Water	Eaucrle, William	Palisade	Ashmore Well	Irrig.	25	5/34	Hayes	Mar.	11	1940	3113*
Ground Water	Lichty, Nettie Grable	Trenton	Baurele Well	Irrig.	34	3/32	Hitchcock	June	3	1940	3170*
Ground Water	Kilpatrick Bros. Co.	Republican City	Grable Well	Irrig.	13	1/18	Harlan	Aug.	21	1940	3237*
Ground Water	Trenchard, J. W.	Beatrice	Kilpatrick Well	Irrig.	5	7/38	Chase	Dec.	9	1940	3345*
Ground Water	Kimberling, Charley C.	Cambridge	Trenchard Well	Irrig.	4	3/26	Red Willow	Feb.	17	1941	3393*
Ground Water	Seyler, Clemens G.	Champion	Kimberling Well	Irrig.	20	6/40	Chase	Mar.	11	1941	3412*
Ground Water	Haskins, Nelie	Republican City	Seyler Well	Irrig.	15	1/17	Harlan	Oct.	15	1941	3529*
Ground Water	Hewitt, Bert	Republican City	Haskins Well	Irrig.	16	1/17	Harlan	Oct.	21	1941	3521*
Ground Water	Shallenberger, Grace	Superior	Hewitt Well	Irrig.	13	1/18	Harlan	Oct.	25	1941	3523*
Ground Water	Sindt, Henry	Alma	Shallenberger Well	Irrig.	6	1/13	Harlan	Oct.	29	1941	3528*
Ground Water	Chitwood, H. O.	Naponee	Henry Sindt Well No. 1	Irrig.	17	2/16	Franklin	May	14	1942	3565*
Ground Water	Pedersen, Henry	Guide Rock	Chitwood Well No. 1	Irrig.	35	2/15	Franklin	June	5	1942	3573*
Ground Water	Shank, F. W.	Oxford	Pedersen Wells 1 & 2	Irrig.	24	2/9	Webster	June	20	1942	3578*
Ground Water	Kimberling, C. C.	Champion	Shank Well	Irrig.	15	2/22	Furnas	Aug.	15	1942	3583*
Ground Water	Miller, L. N.	Imperial	Kimberling Well No. 2	Irrig.	17	6/40	Chase	Mar.	8	1943	3593*
Ground Water	Moody, Elbert, Estate	Wauneta	Miller Well	Irrig.	28	7/40	Chase	Mar.	23	1943	3600*
Ground Water	Mollison, Guy G.	Trenton	Moody Well	Irrig.	12	6/36	Chase	July	6	1943	3622*
Ground Water	Arnold, Paul E.	Lamar	Mollison Well	Irrig.	4	2/33	Hitchcock	July	26	1943	3627*
Ground Water	Losey, Perry J.	Naponee	Arnold Well	Irrig.	18	6/40	Chase	Aug.	31	1943	3636*
Ground Water			Losey Wells 1 & 2	Irrig.	3	1/16	Franklin	Feb.	28	1944	3690*

*Application pending, or claim not adjudicated.

†Reservoir capacity alleged by applicant.

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diverison or Dam			Date of Priority			Dec. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ground Water	Hughes, Herbert J.	Lamar	Hughes Well	Irrig.	6	7	40	Chase	Apr.	20	1944	---	3718*	
Ground Water	Krotter, F. C., Estate	Palisade	Krotter Well No. 3	Irrig.	34	5	34	Hayes	June	14	1944	---	3731*	
Ground Water	Krotter, F. C., Estate	Palisade	Krotter Well No. 4	Irrig.	36	5	34	Hynes	June	14	1944	---	3732*	
Ground Water	Krotter Bros.	Palisade	Krotter Wells 5 & 6	Irrig.	23	4	33	Hitchcock	June	14	1944	---	3733*	
Ground Water	Kettle, Geo. A.	Hays Center	Kettle Well	Irrig.	25	4	32	Hitchcock	Sept.	5	1944	---	3761*	
Ground Water	Scott, A. Ray	Holdrege	Scott Well	Irrig.	30	5	33	Hayes	Sept.	5	1944	---	3762*	
Hoffmeister Res.	Hoffmeister, Geo.	Imperial	Hoffmeister Canal	Stor-only	30	6	38	Chase	Mar.	13	1936	---	2575	
Horse Creek	Pringle, Geo. N.	Parks	Horse Creek Canal	Irrig.	1.86	23	1	39	Dundy	Aug.	31	1885	169	---
James Res.	Betts, Mrs. N. O.	Bloomington	James Canal	Supple. I.	A-2521	28	2	15	Franklin	Sept.	28	1935	---	12719
James Res.	Betts, Mrs. M. E.	Bloomington	James Canal	Stor-only	25	2	15	Franklin	Sept.	28	1935	---	3318	
# Indian Creek	Brown, Clyde A.	Max	Brown Pump	Irrig.	23	2	36	Dundy	Aug.	23	1944	---	3758*	
Indian Creek	Phillips, Daniel	Red Cloud	Phillips Pump	Irrig.	2.21	21	2	11	Webster	Jan.	9	1926	---	1791
Indian Creek	Tupper, B. J.	Red Cloud	Ramey Pump	Irrig.	3.87	20	2	11	Webster	Jan.	19	1926	---	1792
Kara Lake Res.	Anderson, Hugh L.	Benkelman	Kara Canal	Stor-only	20	1	39	Dundy	Oct.	31	1931	---	2480	
Kilpatrick Res.	Kilpatrick Brothers	Beatrice	Kilpatrick Canal	Supple. I.	D-47	30	6	39	Chase	June	22	1911	---	1160
Lunt Reservoir	Lunt, W. A.	Superior	Lunt Cannal	Stor-only	28	1	6	Nuckolls	Nov.	19	1930	---	2201	
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	---

BUREAU OF IRRIGATION

Medicine Creek	Reed, Martha	Stockville	Sanders Canal	Irrig.	.14	27	7/27	Frontier	Feb.	\$1895	\$3	---
Medicine Creek	Crete Mills	Crete	Curtis Lake	Power		32	8/28	Frontier			364*	---
Medicine Creek	Maywood Mill Co.	Maywood	Maywood Mills	Power	11.88	16	8/29	Frontier	May	4 1907		858
Medicine Creek	Berck, Burdette C.	Maywood	Nelson Pump	Irrig.	.61	21	8/29	Frontier	Oct.	2 1926		1865
Medicine Creek	Game, Forestation and Parks Commission	Lincoln	Wellfleet Lake	Resort	†\$0AF	16	9/30	Lincoln	June	15 1931		2210
Medicine Creek	United Public Power and Irrig. District	Cambridge	Medicine Creek Canal	Irrig.		20	4/25	Furnas	Jan.	27 1937		2686*
Medicine Creek	United Public Power and Irrig. District	Cambridge	Medicine Creek Canal	Storage		25	5/26	Frontier	Jan.	27 1937		2687*
Medicine Creek	Towne, W. E.	Maywood	Towne Pump	Irrig.	.59	26	8/29	Frontier	Feb.	6 1940		3088
Medicine Creek	Compton, C. H.	Cambridge	Compton Pump	Irrig.	.67	24	5/26	Frontier	May	14 1940		3158
Medicine Creek	Tridle, R. D.	Freedom	Tridle Pumps	Irrig.	.70	34	6/26	Frontier	June	4 1940		3173
						2	5/26					
Medicine Creek	Towne, W. E.	Maywood	Towne Pump	Irrig.	.15	26	8/29	Frontier	July	11 1940		3197
Medicine Creek	Buker, J. G.	Freedom	Buker Pump	Irrig.	.59	18	6/26	Frontier	Oct.	8 1940		3285
Medicine Creek	Lynch, R. G.	Roseland	Lynch-Buker Pump	Irrig.	.33	12	6/27	Frontier	Oct.	9 1940		3287
Medicine Creek	Schmelzer, Albert	Maywood	Schmelzer Pump	Irrig.	.62	8	8/29	Frontier	Oct.	31 1940		3315
Medicine Creek	Compton, C. H.	Cambridge	Compton Pump	Irrig.	.64	24	5/26	Frontier	Dec.	10 1940		3350
Medicine Creek	Mousel, George A.	Cambridge	Mousel Pump	Irrig.	1.56	31	5/25	Frontier	Apr.	5 1943		3604
Medicine Creek	Mousel, Chas.	Hastings	Mousel Pump	Irrig.	.18	1	4/26	Red Willow	Apr.	20 1943		3608
Medicine Creek	Mousel, Robert Jr.	Cambridge	Mousel Pumps	Irrig.	.80	25	5/26	Frontier	June	4 1943		3614
						36	5/26					
Medicine Creek	Harding, Ernest L.	Cambridge	Harding Pump	Irrig.	.38	7	4/25	Furnas	Aug.	21 1943		3632
Medicine Creek	Babcock, Mrs. Fannie	Cambridge	Babcock Pump	Irrig.	.18	18	4/25	Furnas	Mar.	22 1944		3701
Milrose Creek	Koester, R. L.	Alma	Keester Pump	Irrig.	.35	9	2/19	Harlan	Dec.	10 1940		3348
Milrose Creek	Kerr, Robert H.	Alma	Kerr Pump	Irrig.	.74	8	2/19	Harlan	June	14 1943		3621
Muddy Creek	Larson, Oscar F.	Arapahoe	Larson Pump	Irrig.	3.53	17	4/23	Furnas	Feb.	9 1927		1898

* Application pending, or claim not adjudicated.

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

Supple. 1: Denotes storage water in addition to direct flow.

Indian Creek in Dundy County and Indian Creek in Webster County are separate streams.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Muddy Creek.....	Patton, Mrs. Ruby.....	Arapahoe.....	Michel Pump.....	Irrig.....	.29	15	4	23	Furnas.....	Oct.	13	1928	2042	
Muddy Creek.....	Stansbie, Jess.....	Cambridge.....	Stansbie Pump.....	Irrig.....	1.26	16	4	23	Furnas.....	Feb.	4	1944	3679	
# Muddy Creek	Tracy, Estella G.....	Max.....	Tracy Pump.....	Irrig.....	1.19	2	2	36	Dundy.....	Nov.	20	1940	3335	
Paine Reservoir	Paine, Clyde S.....	Edison.....	Paine Canal.....	Stor-only.....		21	4	22	Furnas.....	Apr.	18	1940	3478	
Prairie Dog Cr..	Feese, C. A.....	Alma.....	Feese Pump No. 1.....	Irrig.....	.69	34	1	18	Harlan.....	Aug.	2	1937	2768	
			Feese Pump No. 2.....	Irrig.....	.44	25	1	18						
Prairie Dog Cr..	Seyler, Lew.....	Alma.....	Seyler Pump.....	Irrig.....	.50	33	1	18	Harlan.....	Sept.	13	1937	2786	
Prairie Dog Cr..	Stolts, Carroll.....	Republican City	Stolts Pump.....	Irrig.....	.39	24	1	18	Harlan.....	Aug.	2	1930	2946	
Prairie Dog Cr..	Kauk, Fred.....	Alma.....	Kauk Pump.....	Irrig.....	.29	32	1	18	Harlan.....	Aug.	7	1939	2948	
Prairie Dog Cr..	McCleery, Winifred W.....	Alma.....	McCleery Pumps.....	Irrig.....	.44	31	1	18	Harlan.....	Nov.	6	1939	3019	
Prairie Dog Cr..	Lethem, John R.....	Republican City	Lethem Pumps.....	Irrig.....	.33	24	1	18	Harlan.....	Dec.	12	1939	3046	
Prairie Dog Cr..	Kauk, Wm.....	Alma.....	Kauk Pump.....	Irrig.....	.19	28	1	18	Harlan.....	Jan.	19	1940	3078	
Prairie Dog Cr..	Stone, Earl D.....	Republican City	Stone Pumps.....	Irrig.....	.58	23	1	18	Harlan.....	Mar.	4	1940	3103	
Prairie Dog Cr..	Thompson, Eva M.....	Alma.....	Thompson Pumps.....	Irrig.....	.31	34	1	18	Harlan.....	Mar.	4	1940	3104	
Prairie Dog Cr..	Beyer, Freda and Waldo, Cartha	Alma Republican City	Waldo-Beyer Pump.....	Irrig.....	.25	23	1	18	Harlan.....	Sept.	5	1940	3256	
Prairie Dog Cr..	Miller, Glenn, et al.....	Orleans.....	Miller Pump.....	Irrig.....	.93	35	1	19	Harlan.....	Oct.	11	1940	3292	
Prairie Dog Cr..	Stone, James S.....	Alma.....	Stone Pump.....	Irrig.....	.40	33	1	18	Harlan.....	Nov.	20	1940	3334	
Prairie Dog Cr..	King, Louise, et al.....	Kearney.....	King Pump.....	Irrig.....	.84	19	1	17	Harlan.....	Mar.	6	1941	3411	
Prairie Dog Cr..	Kauk, Fred.....	Alma.....	Kauk Pump.....	Irrig.....	.22	29	1	18	Harlan.....	Dec.	12	1929	3047	
Tributary to														
Red Willow Cr..	Deines, Frantz, et al.....	Friend.....	Helm Pump.....	Irrig.....	.93	8	3	28	Red Willow.....	Dec.	5	1910	1042	
Red Willow Cr..	Hadley, Flora B.....	McCook.....	Hadley Canal.....	Irrig.....	8.43	36	3	28	Red Willow.....	Oct.	22	1927	1964	

Red Willow Cr.	Fitzgerald, Elmer	Hayes Center	Fitzgerald Pump	Irrig.	.57	21	832	Hayes	July	27	1934	2447	
Red Willow Cr.	Kelley, Charles W.	McCook	Kelley Pump Canal	Irrig.	52.00	36	530	Frontier	Dec.	20	1938	2901	
Red Willow Cr.	Bortner, Wm.	St. Ann	Bortner Pump	Irrig.	.57	28	530	Frontier	July	21	1939	2938	
Red Willow Cr.	Walker, Chas.	St. Ann	Walker Pump	Irrig.	.81	9	631	Hayes	Dec.	6	1939	3037	
Red Willow Cr.	Quick, Merritt W.	Quick	Quick Pump	Irrig.	.76	31	529	Frontier	Jan.	22	1940	3082	
Red Willow Cr.	McKillip, A. P.	Hayes Center	McKillip Pump	Irrig.	.97	22	631	Hayes	Mar.	9	1940	3111	
Red Willow Cr.	Bortner, Wm.	St. Ann	Bortner Pump	Irrig.	.18	21	530	Frontier	Mar.	12	1940	3114	
Red Willow Cr.	Hill, Howard W.	Hayes Center	Hill Pump	Irrig.	.23	27	631	Hayes	Mar.	28	1940	3124	
Red Willow Cr.	Little, H. E.	Culbertson	Little Riverdale Pump	Irrig.	.42	2	531	Hayes	Sept.	20	1941	3598	
Red Willow Cr.	Little, Hugh E.	Culbertson	Riverside Pump	Irrig.	.26	2	531	Hayes	Apr.	30	1943	3609	
Red Willow Cr.	Dienes, Frantz C., et al	Friend	Helm Pump	Irrig.	.48	8	328	Red Willow	July	12	1943	3623	
Red Willow Cr.	Beebe, George	Culbertson	Beebe Pump	Irrig.	.59	35	631	Hayes	Aug.	16	1943	3631	
Republican R.	Consumers P. P. Dist.	Columbus	Guthrie Canal	Power	400.00	34	1	7	Nuckolls	Sept.	1	1877	1036
Republican R.	Kirtland, E. S.	Orleans	Orleans Mill	Power		27	2	19	Harlan				1043*
Republican R.	Pioneer Irrig. Co.	Haigler	Haigler Canal	Irrig.	24.39	2	1	43	Yuma, Colo.	Apr.	4	1890	1025
Republican R.	Crews, Lewis E.	Haigler	Crews Canal	Irrig.	2.61	21	1	41	Dundy	Apr.	4	1890	1025R
Republican R.	Pioneer Irrig. District	Haigler	Haigler Canal	Irrig.	750.00	2	1	43	Yuma, Colo.	Apr.	4	1890	1025
Republican R.	McCook Ditch Co.	McCook	Meeker Canal	Irrig.	143.00	15	3	31	Hitchcock	Dec.	22	1890	4-9- 8-7
Republican R.	Anderson, Anders	Max	Anderson Canal	Irrig.	1.90	1	1	37	Dundy	Jan.	26	1894	151
Republican R.	Delaware-Hickman Ditch Co.	Benkelman	Delaware-Hickman Canal	Irrig.	20.00	17	1	37	Dundy	Jan.	7	1895	157
Republican R.	Pringle, Geo. N.	Parks	Parks Canal	Irrig.	16.00	20	1	39	Dundy	June	18	1912	1202
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 Canal	Irrig.	1.14	20	1	39	Dundy	Sept.	5	1919	1555
Republican R.	Crews, L. E.	Haigler	Crews Canal No. 2	Irrig.	2.59	20	1	41	Dundy	Mar.	29	1923	1709
Republican R.	Fishbach, Geo.	Orleans	Fischbach Pump	Irrig.	1.58	33	2	19	Harlan	Aug.	27	1925	1778
Republican R.	Stevenson, L. E., Est.	Alma	Stevenson Pump	Irrig.	6.34	5	1	18	Harlan	Sept.	30	1925	1781
Republican R.	Haeker, K. G.	Alma	Haeker Pump	Irrig.	4.60	35	2	19	Harlan	Mar.	2	1926	1798
Republican R.	Worden, Dorsey	Superior	Worden Pump	Irrig.	1.04	32	1	6	Nuckolls	Sept.	23	1926	1862
Republican R.	Runck, John J.	Orleans	Runck Pumps	Irrig.	3.29	22	3	20	Harlan	Sept.	18	1928	2029
Republican R.	Keifer, J. Warren, Jr.	Bostwick	Keifer Canal No. 1	Irrig.	9.83	21	1	3	Nuckolls	Sept.	22	1930	2167

† Amount affirmed by U. S. Supreme Court: 35.00 second-feet for Nebraska, and 15.00 second-feet for Colorado.
 ‡ Stor-only. Land does not have a direct flow appropriation.

* "R" Denotes relocation.

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.
						S	T	R	County	Mo.			D|Yr.
Republican R.	Mendell, B. C.	Superior	Mendell Canal	Irrig.	2.61	35	1	7	Nuckolls	Sept.	7|1932	2283
Republican R.	Fischbach, Geo.	Orleans	Fischbach Pump	Irrig.		33	2	19	Harlan	Feb.	15|1933	2304
Republican R.	Arneson, F. L.	Inavale	Valley Grove Pumps	Irrig.	.23	2	1	12	Webster	Apr.	17|1933	2318
						5	1	12				
Republican R.	Best, John	Oxford	Best Pump	Irrig.	2.50	36	4	22	Furnas	Nov.	9|1934	2492
Republican R.	Fisher, Marshall	Edison	Fisher Pump	Irrig.	.32	36	4	22	Furnas	June	23|1936	2583
Republican R.	Republican River Public Power and Irrig. District	Bostwick	Republican River Canal No. 1	Irrig.		11	1	17	Harlan	Feb.	1|1937	2691*
			Republican River Canal No. 2	Irrig.		5	1	13	Franklin			
			Republican River Canal No. 3	Irrig.		8	1	9	Webster			
Republican R.	Republican River Public Power and Irrig. District	Bostwick	Republican City Res.	Storage		14	1	17	Harlan	Feb.	1|1937	2692*
Republican R.	Lang, Alfred E.	Indianola	Riverside Pump	Irrig.	.42	14	3	27	Red Willow	Feb.	16|1937	2698
Republican R.	French, J. A.	Edison	French Pump	Irrig.	.39	6	3	21	Furnas	Feb.	25|1937	2703
Republican R.	Andrews, Donald	Cambridge	Andrews Pump	Irrig.	.56	29	4	24	Furnas	Apr.	29|1938	2867
Republican R.	Kiehl, W. C., Estate	Guide Rock	Kiehl Pump	Irrig.	.26	9	1	9	Webster	May	2|1939	2913
Republican R.	Mendell, B. C.	Superior	Mendell Canal	Irrig.	.07	35	1	7	Nuckolls	July	13|1939	2934
Republican R.	Uplinger, Mabel E.	Naponee	Uplinger Canal	Irrig.	.75	11	1	17	Harlan	Nov.	15|1939	3019
Republican R.	Dunn and Chambers	Inavale	Chambers-Dunn Pump	Irrig.	.36	1	1	16	Franklin	Jan.	19|1940	3079
Republican R.	Kahrs and Lieneman	Franklin	Kahrs-Lienemann Pump	Irrig.	.78	7	1	15	Franklin	Jan.	22|1940	3081
Republican R.	Martin, Morris G. and Ethel L.	Hastings	Martin Pump	Irrig.	.18	8	1	11	Webster	Mar.	13|1940	3116
Republican R.	Houchin, George	Red Cloud	Houchin Pump	Irrig.	.07	15	1	9	Webster	Apr.	5|1940	3131
Republican R.	Howell, Charles	Bloomington	Howell Pump	Irrig.	.75	10	1	16	Franklin	Apr.	15|1940	3134
Republican R.	Reisher, Noah G.	Benkelman	Reisher Pump	Irrig.	1.21	30	1	38	Dundy	July	29|1940	3221

Republican R.	Meyer, Ernst	Superior	Meyer Pump	Irrig.	.87	34	1	7	Nuckolls	Aug.	26	1940	3240	
Republican R.	Amack, Geo.	Red Cloud	Amack Pump	Irrig.	.19	7	1	10	Webster	Aug.	28	1940	3244	
Republican R.	Auld, Jessica C.	Palo Alto, Calif.	Auld-Crowell Pump	Irrig.	1.36	9	1	11	Webster	Aug.	31	1940	3248	
Republican R.	Butler, Floyd R.	Superior	Stephenson Pump	Irrig.	.59	34	1	7	Nuckolls	Sept.	3	1940	3252	
Republican R.	Tietze, Ernest E., et al	Fremont	Tietze Pumps	Irrig.	.73	28	4	24	Furnas	Oct.	16	1940	3298	
						29	4	24						
Republican R.	Bach, W. J.	Riverton	Bach Pump No. 1	Irrig.	.47	3	1	14	Franklin	Jan.	22	1941	3375	
Republican R.	Bach, Mrs. Theo.	Riverton	Theo. Bach Pump No. 1	Irrig.	.90	3	1	14	Franklin	Feb.	6	1941	3384	
Republican R.	Lang, Alfred E.	Indianola	Riverside Pump	Irrig.	.87	14	3	27	Red Willow	Feb.	24	1941	3401	
Republican R.	McCann, Howard	Edison	Smith Pump	Irrig.	.84	35	4	22	Furnas	May	2	1941	3438	
Republican R.	Butler, Floyd R.	Superior	Stephenson Pump	Irrig.	.03	34	1	7	Nuckolls	May	9	1941	3443	
Republican R.	Keifer, Oswin	Bostwick	Keifer Canal No. 1	Irrig.	2.08	21	1	8	Nuckolls	Jan.	27	1942	3547	
Republican R.	Arneson, F. L.	Inavale	Valley Grove Canal	Irrig.	.25	5	1	12	Webster	Mar.	11	1942	3558	
Republican R.	Olson, Wendell	Orleans	Olson Pump	Irrig.	1.00	36	3	20	Harlan	Aug.	5	1943	3629	
Republican R.	Gupton, L. H.	Oxford	Gupton Pump	Irrig.		21	3	20	Harlan	July	20	1944	3744*	
Republican R.	Blank, Harry W.	Franklin	Blank Pump	Irrig.		6	1	14	Dundy	Sept.	18	1944	3766*	
Republican R., Ravine Trib. to	Lucking, H. L.	Edison	Lucking Reservoir	Storage	†34	AF	2	3	22	Furnas	Feb.	28	1940	3098
Republican R., Ravine Trib. to	Paine, Clyde S.	Edison	Paine Reservoir	Storage	†42	AF	21	4	22	Furnas	Apr.	18	1940	3138
Republican R., Ravine Trib. to	Crow, Clark	Oxford	Crow Reservoir	Storage	†99	AF	19	3	20	Harlan	Nov.	20	1940	3333
Republican R., Ravine Trib. to	Broeker, A. F.	Edison	Broeker Reservoir	Storage	†122	AF	4	3	22	Furnas	Dec.	10	1940	3340
Republican R., South Fork	McDonald, J. A.	Benkelman	McDonald Canal	Irrig.	.79	36	1	23	Dundy	Nov.	13	1901	644	
Rock Creek	Anderson, Hugh L.	Benkelman	Phelan Canal	Irrig.	4.29	17	1	39	Dundy	Dec.	31	1883	138	
Rock Creek	Anderson, Hugh L.	Benkelman	Kara Lake Reservoir	Storage	†50	AF	17	1	39	Dundy	Oct.	31	1931	2246

* Application pending.

† Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Rock Creek	Game, Forestation & Parks Commission	Lincoln	Rock Creek Lake	Fish	7215AF	6	1	39	Dundy	Feb.	28	1934	2366	
Rope Creek	Bortfeld, Fred E.	Orleans	Bortfeld Pump	Irrig.	.32	25	2	19	Harlan	Dec.	19	1940	3357	
Sacramento Cr.	Davidson, Martin E.	Holdrege	Davidson Pump	Irrig.	.50	12	5	18	Phelps	June	12	1937	2753	
Sappa Creek	Zulauf, Geo. W.	Stamford	Stamford Mill	Power		21	2	20	Harlan				997*	
Sappa Creek	Flodine, A. L.	Stamford	Flodine Pump	Irrig.	.94	19	2	20	Harlan	Sept.	9	1926	1855	
Sappa Creek	Johnson, Edw. E.	Franklin	Sappa Valley Pump	Irrig.	1.09	24	2	20	Harlan	May	23	1934	2385	
Sappa Creek (See Beaver Cr.)	Beaver-Sappa Public Pow. and Irrig. Dist.	Cambridge	South Sappa Canal	Irrig.		18	1	22	Furnas	Dec.	14	1936	2671b*	
Sappa Creek (See Beaver Cr.)	Beaver-Sappa Public Pow. and Irrig. Dist.	Cambridge	North Sappa Canal	Irrig.		18	1	22	Furnas					
Sappa Creek (See Beaver Cr.)	Beaver-Sappa Public Pow. and Irrig. Dist.	Cambridge	Spring Green Lake Reservoir	Storage		19	1	22	Furnas	Dec.	14	1936	2672b*	
Sappa Creek	Caffrey, E. F.	Omaha	Caffrey Pump	Irrig.	.76	22	2	20	Harlan	Aug.	1	1939	2945	
Sappa Creek	Lubeck, John C.	Stamford	Lubeck Pump	Irrig.	.46	23	2	20	Harlan	Aug.	14	1939	2951	
Sappa Creek	Collins, Horace	Beaver City	Collins Pump	Irrig.	.25	30	1	23	Furnas	Feb.	17	1940	3091	
Sappa Creek	Gerd, Albin, Estate	Stamford	Gerd Pump	Irrig.	.13	35	2	21	Furnas	Feb.	26	1940	3095	
Sappa Creek	Brown, Floyd T.	Stamford	Brown Pump	Irrig.	.35	9	1	21	Furnas	Mar.	6	1940	3109	
Sappa Creek	Smith, Otto	Stamford	Smith Pump	Irrig.	.60	19	2	20	Harlan	May	4	1940	3148	
Sappa Creek	Burt, Maude T.	Stamford	Burt Pump	Irrig.	1.22	34	2	21	Furnas	Sept.	21	1940	3271	
Sappa Creek	Blickenstaff, Bert D.	Stamford	Blickenstaff Pump	Irrig.	1.03	21	2	20	Harlan	Nov.	5	1940	3324	
Sappa Creek	Lane Estate	Alma	Lane Pump	Irrig.	.58	25	2	21	Furnas	Feb.	10	1942	3550	
Sappa Creek	McCarty, J. A.	Beaver City	McCarty Pump	Irrig.	.28	10	1	22	Furnas	May	4	1942	3564	
Sappa Creek	Stevenson, Guy	Wilsonville	Stevenson Pump	Irrig.	.06	36	1	24	Furnas	Dec.	23	1943	3667	
Sappa Creek	Dake, Clarence L.	Orleans	Dake Pump	Irrig.		24	2	20	Harlan	July	5	1944	3742	
Sappa Creek, Ravine Trib. to	Gerd, Clarence	Stamford	Gerd Reservoir	Storage	54AF	34	2	21	Furnas	Feb.	29	1940	3099	

Sappa Creek, Ravine Trib. to	Brown, Floyd T.	Stamford	Brown Reservoir	Storage	†46AF	4	121	Furnas	Apr.	29	1941	3433
Sappa Creek, Ravine Trib. to	Feese, Edna	Hastings	Feese Reservoir	Storage	†17AF	30	220	Harlan	Sept.	9	1941	3497
School Creek (See Berger Creek)	Sughroue, Edward	Indianola	Sughroue Pump	Irrig.	.32	15	327	Red Willow	Aug.	16	1932	2280
# Spring Creek	Twin Lakes Company	Benkelman	Twin Lakes	Resort	†7AF	34	238	Dundy	Apr.	16	1930	2133
Spring Creek	Sindt, Emil	Naponee	Spring Creek Canal	Irrig.	.27	17	216	Franklin	Jan.	14	1939	2906
Spring Creek	Brown, Harold	Orleans	Brown Pump	Irrig.	.45	15	320	Harlan	June	9	1943	3617
Spring Creek	Nissen, A. H. and W. J.	Oxford	Nissen Pump	Irrig.	.40	21	320	Harlan	Aug.	9	1943	3630
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal	Irrig.	2.86	10	738	Chase	Mar.	10	1894	57
Stinking Water Creek	Crandall and Taylor	Imperial	McLain Canal	Irrig.	2.50	28	737	Chase	Sept.	24	1894	65
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 6	Irrig.	2.00	13	738	Chase	Jan.	28	1895	76
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 5	Irrig.	1.50	14	738	Chase	Jan.	29	1895	77
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 3	Irrig.	1.71	14	738	Chase	Jan.	29	1895	78
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 4	Irrig.	.91	14	738	Chase	June	27	1895	56
Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase County Land and Live Stock Canal No. 1	Irrig.	.70	4	738	Chase	June	27	1895	57
Stinking Water Creek	Malone, Gale	McCook	Nutzman Pump	Irrig.	.95	15	534	Hayes	Oct.	5	1939	2981
Stinking Water Creek	Malone, Gale	McCook	Nutzman Pump	Irrig.	.36	15	534	Hayes	Apr.	15	1940	3136
Stinking Water Creek	Cannady, W. E.	Madrid	Cannady Pump	Irrig.		9	534	Hayes	Jan.	27	1943	3504*

† Reservoir capacity alleged by applicant.

Spring Creek in Dundy County and Spring Creek in Franklin County are separate streams.

* Application pending, or claim not adjudicated.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional in Grant Sec.-ft.	Location of Diversion or Dam.			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Stinking Water Creek	Scott and Anderson.....	Holdrege.....	Scott-Anderson Pump.....	Irrig.....	1.40	25	5	34	Hayes.....	Sept.	28	1943	3656	
Thompson Creek	Ziegler, J. and O.....	Riverton.....	Ziegler Pump.....	Irrig.....	.73	27	2	13	Franklin.....	Jan.	16	1935	2505	
Thompson Creek, North Springs, Tributary to	Eshelman, C. F.....	Riverton.....	North Spring Canal.....	Irrig.....	.09	10	2	13	Franklin.....	July	27	1932	2278	
Turkey Creek	Leising, Carl.....	Oxford.....	Carpenter Canal.....	Irrig.....	.71	30	4	21	Furnas.....	Sept.	18	1926	1861	
Turkey Creek	Watson, John W. E., Estate	Oxford.....	Watson Pump.....	Irrig.....	2.50	31	4	21	Furnas.....	Nov.	30	1926	1876	
Turkey Creek	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 Creek	Wengert, J. H.....	Oxford.....	Wengert Pump.....	Irrig.....	.94	4	3	21	Furnas.....	July	9	1927	1938	
Turkey Creek	Blincow, Fred H.....	Oxford.....	Blincow Pump.....	Irrig.....	.92	3	3	21	Furnas.....	Sept.	23	1941	3510	
#Turkey Creek	Wilt and Polly.....	Naponee.....	Wilt and Polly Canal.....	Power.....		4	1	16	Franklin.....	Dec.	31	1874	183*	
Turkey Creek	Post, Walter A.....	Naponee.....	Post Pump.....	Irrig.....	1.90	8	1	16	Franklin.....	May	27	1927	1933	
Turkey Creek	Post, Walter A.....	Naponee.....	Post Pump.....	Irrig.....	.79	8	1	16	Franklin.....	Aug.	21	1936	2621	
Turkey Creek	Larick, John I., et al.....	Franklin.....	Post Pump.....	Irrig.....	1.11	8	1	16	Franklin.....	Aug.	21	1936	2622	
Turkey Creek	Sindt, Karl.....	Naponee.....	Karl Sindt Pump No. 1.....	Irrig.....	.26	19	2	16	Franklin.....	Dec.	20	1939	3062	
Turkey Creek	Ray, Staque.....	Denver, Colo.....	Ray Pump.....	Irrig.....	.33	4	1	16	Franklin.....	July	25	1940	3216	
Valley Home Cr.	Lunt, W. A.....	Superior.....	Lunt Reservoir.....	Storage.....	†100A	F	28	1	6	Nuckolls.....	Nov.	19	1930	2176
Vining Creek	Betts, Mrs. N. O.....	Bloomington.....	James Canal.....	Irrig.....	.21	28	2	15	Franklin.....	Feb.	28	1935	2521	
Vining Creek	Betts, Mrs. N. O.....	Bloomington.....	James Reservoir.....	Storage.....	†22A	F	28	2	15	Franklin.....	Sept.	28	1935	2559
Wasp Creek	Osterbuhr, Mrs. E. O.....	Franklin.....	Osterbuhr Canal.....	Irrig.....	.18	28	2	14	Franklin.....	June	28	1940	3192	

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Babcock Creek	Likens, Louis D.	Fairbury	Rural Rehabilitation Project No. 1	Irrig.	.34	25	2	2E	Jefferson	Aug.	18	1934	2466	
Blue River, Lit.	Consumers P. P. Dist.	Columbus	Oak Mill Race	Power		16	3	5	Nuckolls				991*	---
Blue River, Lit.	Game, Forestation and Parks Commission	Lincoln	Crystal Reservoir	Storage	†32A	27	6	10	Adams	Aug.	17	1912	1219	
Blue River, Lit.	Lyon, Geo. Jr.	Nelson	Lyon Plant	Power	150.00	29	4	6	Nuckolls	Apr.	26	1915	1410	
Blue River, Lit.	Lyon, Geo. Jr.	Nelson	Lyon Canal	Irrig.	4.00	18	4	6	Nuckolls	Apr.	26	1915	1411	
Blue River, Lit.	Consumers P. P. Dist.	Columbus	Meyer Plant	Power	150.00	16	3	5	Nuckolls	July	27	1916	1467	
Blue River, Lit.	Bozarth-Carter	Hebron	Hebron Plant	Power	216.00	9	2	2	Thayer	Mar.	31	1919	1538	
Blue River, Lit.	Campbell, J. T.	Hebron	Blue Valley Plant	Power	200.00	3	2	1	Thayer	May	28	1919	1542	
Blue River, Lit.	Game, Forestation and Parks Commission	Lincoln	Larkins Canal	Power	1.50	27	6	10	Adams	Nov.	29	1920	1594	
Blue River, Lit.	Hurlburt, Chas. M., Est.	Fairbury	Hurlburt Canal	Irrig.	.20	22	2	2E	Jefferson	Aug.	7	1922	1685	
Blue River, Lit.	Steele, R. B.	Fairbury	Sand-Mining Project	Mfg.		22	2	2E	Jefferson	Aug.	16	1926	1847*	
Blue River, Lit.	Blocker, A. V.	Roseland	Kistler Pump	Irrig.	.08	9	5	11	Adams	Nov.	1	1926	1869	
Blue River, Lit.	Vap, Alois	Ludell, Kan.	Vap Pump	Irrig.	.81	31	5	7	Clay	Dec.	8	1926	1878	
Blue River, Lit.	Gaudreault, I. S.	Hastings	Gaudreault Pump	Irrig.	.39	26	6	10	Adams	Feb.	22	1927	1903	
Blue River, Lit.	Anderson, Felix G.	Ayr	Pratt Pump	Irrig.	1.01	28	6	10	Adams	Feb.	23	1927	1904	
Blue River, Lit.	Hubbell, C. J.	Deweese	Logan Canal	Irrig.	1.88	33	5	7	Clay	Mar.	7	1927	1907	
Blue River, Lit.	Beuten, A. Louis	Pauline	Knopf Pumps	Irrig.	1.60	25	6	10	Adams	Mar.	8	1927	1908	
						31	6	9						
Blue River, Lit.	Land Investments, Inc.	Hastings	Graham Pump	Irrig.	.80	13	5	11	Adams	Mar.	8	1927	1909	
Blue River, Lit.	City of Fairbury	Fairbury	Fairbury Plant	Mfg.	16.70	15	2	2E	Jefferson	Oct.	22	1927	1963	
Blue River, Lit.	Hornberger, Thos.	Ayr	Hornberger Pump	Irrig.	2.19	14	5	11	Adams	Jan.	24	1928	1978	
Blue River, Lit.	Bergt, Theodore	Davenport	Bergt Pump	Irrig.	1.50	22	3	4	Thayer	Apr.	17	1930	2134	
Blue River, Lit.	Dutton, K. M. J., Estate, Schardt, Harry G.	Oak Park, Ill. Hebron	Blue Haven Pumps	Irrig.	5.24	29	3	3	Thayer	Aug.	4	1930	2152	
						30	3	3						

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

† Reservoir capacity alleged by applicant.

* Application pending, or claim not adjudicated.

BUREAU OF IRRIGATION

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Blue River, Lit.	Jones, E. H.	Fairbury	Midwest Pump	Irrig.	1.74	26	2	E	Jefferson	Sept.	4	1930	2165	
Blue River, Lit.	Heinrich, Walter E. and Adolph	Davenport	Riverside Pump	Irrig.	2.23	20	3	4	Thayer	Feb.	24	1931	2193	
Blue River, Lit.	Nehrig, Henry H.	Davenport	Nehrig Pump	Irrig.	5.00	26	3	4	Thayer	Mar.	10	1931	2194	
Blue River, Lit.	Sanford, Harry K.	Ayr.	Sanford Pump	Irrig.	.28	4	5	10	Adams	Sept.	22	1931	2228	
Blue River, Lit.	Heiler, H. H.	Hastings	Heiler Pump	Irrig.	.46	27	6	10	Adams	Sept.	30	1931	2241	
Blue River, Lit.	Weyenberg, John T.	Hastings	Weyenberg Pump	Irrig.	1.20	17	5	8	Clay	Oct.	8	1931	2243	
Blue River, Lit.	Zweifel, Albert, Est.	Fairbury	Zweifel Pump	Irrig.	.25	9	2	2E	Jefferson	July	25	1932	2277	
Blue River, Lit.	Paus, Geo. H.	Fairfield	Paus Pump	Irrig.	.22	16	5	8	Clay	May	15	1933	2321	
Blue River, Lit.	Peters, Cornelius R., Est.	Angus	Peters Pump	Irrig.	.71	27	4	6	Nuckolls	May	31	1934	2389	
Blue River, Lit.	Scroggins, John L.	Oak	Meyer Pump	Irrig.	1.21	1	3	6	Nuckolls	June	2	1934	2394	
Blue River, Lit.	Davis, John H.	Fairfield	Davis Pump	Irrig.	.66	15	5	8	Clay	June	5	1934	2399	
Blue River, Lit.	Stokebrand, Wm.	De Witt	Stokebrand Pump	Irrig.	.84	5	2	1	Thayer	Aug.	1	1934	2451	
Blue River, Lit.	Johnston, Mrs. Hester.	Oak	Johnston Pump	Irrig.	1.14	8	3	5	Nuckolls	Aug.	13	1934	2460	
Blue River, Lit.	Kasperek, I.	Fairbury	Kasperek Pump	Irrig.	.54	6	1	3E	Jefferson	Nov.	3	1934	2491	
Blue River, Lit.	Rice, Clarence E.	Odell	Endicott Pump	Irrig.	.46	36	2	2E	Jefferson	Feb.	1	1935	2511	
Blue River, Lit.	Rice, C. E.	Odell	Powell Pump	Irrig.	.54	24	3	1E	Jefferson	Feb.	20	1935	2517	
Blue River, Lit.	Lindgren and Bartlett	Edgar	Lindgren-Bartlett Pumps	Irrig.	.21	19	4	6	Nuckolls	Aug.	7	1935	2553	
Blue River, Lit.	Corliss, Albert N.	Hebron	Corliss Pump	Irrig.	.93	9	2	2	Thayer	Jan.	25	1937	2682	
Blue River, Lit.	Hubbell, C. J.	Deweese	Hubbell Pump No. 1	Irrig.	.04	32	5	7	Clay	Jan.	30	1937	2689	
Blue River, Lit.	Hill, James R.	Deweese	Hill Pump	Irrig.	.33	32	5	7	Clay	Mar.	26	1937	2723	
Blue River, Lit.	Sherman, Klen R., et al	Pauline	Hubbell Pump No. 2	Irrig.	.51	32	6	9	Adams	May	28	1937	2749	
Blue River, Lit.	McKenzie, F. W.	Hebron	McKenzie Pump	Irrig.	.30	36	3	3	Thayer	Nov.	2	1937	2799	
Blue River, Lit.	Rice, Clarence E.	Odell	Powell Reservoir	Storage	†74A	F	24	3	1E	Jefferson	May	10	1940	3153
Blue River, Lit.	Goble, Jay	Ayr.	Goble Pump	Irrig.	.20	26	6	10	Adams	July	16	1940	3203	
Blue River, Lit.	Lehman, Clyde W.	Rushville	Lehman Pump	Irrig.	.29	18	4	6	Nuckolls	Aug.	31	1940	3247	
Blue River, Lit.	Cassell, Mrs. Guy B.	Steele City	Cassell Pump	Irrig.	.14	13	1	3E	Jefferson	Apr.	16	1941	3428	

Blue River, Lit.	Scroggin, John L., et al	Oak	Scroggin Pump	Irrig.	.40	15	3	5	Nuckolls	Oct.	22	1941	3522
Blue River, Lit.	Scroggin, John L., et al	Oak	Scroggin Pump No. 2	Irrig.	2.14	7	3	5	Nuckolls	Oct.	27	1941	3524
Blue River, Lit.	Scroggin, John L., et al	Oak	Scroggin Pump No. 3	Irrig.	2.51	17	3	5	Nuckolls	Sept.	1	1942	3585
Blue River, Lit.	Harrington, Ralph, Est.	Hastings	Harrington Pump	Irrig.	.15	4	5	10	Adams	Jan.	15	1944	3673
Crystal Lake Reservoir	Game, Forestation and Parks Commission, et al	Lincoln	Crystal Canal	Irrig.		27	6	10	Adams	Aug.	17	1912	1526
Ground Water	Nisely, Jerome C.	Edgar	Nisely Well	Irrig.		21	5	5	Clay	May	19	1942	3569*
Liberty Creek	Hubbell, C. J.	Dewese	Hubbell Pump	Irrig.	.07	32	5	7	Clay	Jan.	30	1937	2690
Pawnee Creek	Massie, D. B.	Clay Center	Massie Lake	Resort	†65AF	16	5	8	Clay	Mar.	10	1933	2307
Powell Res.	Rice, Clarence E.	Odell	Powell Canal	Stor-only		25	3	1E	Jefferson	May	10	1940	3154
Rose Creek	Wilson, Clyde	Fairbury	Wilson Pump	Irrig.	1.01	3	1	2E	Jefferson	July	14	1934	2425
Rose Creek	Rice, Clarence E.	Odell	Rice Pump No. 3	Irrig.	1.00	7	1	3E	Jefferson	May	10	1940	3152
Rose Creek	Lamb, Bryan G.	Hubbell	Lamb Reservoir	Storage	†SAF	29	1	1	Thayer	May	15	1942	3568
Rose Creek	Lamb, Bryan G.	Hubbell	Lamb Pump	Irrig.		29	1	1	Thayer	Aug.	18	1944	3754*
Rose Creek	Lamb, Bryan G.	Hubbell	Lamb Pump No. 2	Irrig.		16	1	1	Thayer	Aug.	18	1944	3755*
Sandy Cr., Big	Brinegar, M. A.	Alexandria	Brinegar Pump	Irrig.	.43	6	3	1	Thayer	Apr.	11	1935	2537
Sandy Cr., Big Springs Trib. to	Game, Forestation and Parks Commission	Lincoln	Jefferson County Recreation Grounds	Resort	†300AF	16	3	1E	Jefferson	June	14	1940	3179
Spring Branch	Brown, Vinton F., et al	Hubbell	Brown Pumps	Irrig.	.33	16	1	1	Thayer	Oct.	14	1938	2892
Spring Creek	Alexander, Roy	Deshler	Alexander Pump	Irrig.	.51	17	2	3	Thayer	Apr.	9	1941	3426

†Reservoir capacity alleged by applicant.

*Application pending.

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

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Diversion 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	Institution Pumps	Irrig.	.95	36	4	6E	Gage	Apr.	22	1928	2010
Beaver Creek	Wright, G. D.	York	Wright Mill	Power	40.00	7	10	2	York	Nov.	1	1878	963
Beaver Creek	Gould, W. E.	York	Gould Pumps	Irrig.	.18	1	10	3	York	Sept.	19	1939	2965
							2	10	3				
Beaver Creek	Kirkpatrick, W. L.	York	Kirkpatrick Pump	Irrig.	.34	8	10	2	York	Dec.	6	1939	3036
Beaver Creek	Axtell, J. Earl	York	Axtell Pump	Irrig.	.54	9	10	3	York	Sept.	8	1941	3495
Blue River, Big	Black Brothers Flour Mills	Beatrice	Black Brothers Plant (Beatrice)	Power	300.00	33	4	6E	Gage	Jan.	11	1860	1048
Blue River, Big	Consumers P. P. Dist.	Columbus	Milford Mills	Power	300.00	2	9	3E	Seward			1866	1044
Blue River, Big	Consumers P. P. Dist.	Columbus	Blue Springs Plant	Power	450.00	17	2	7E	Gage			1868	1047
Blue River, Big	Consumers P. P. Dist.	Columbus	Blue Springs Plant	Dredge	D-1047	17	2	7E	Gage	Nov.	7	1922	1692
Blue River, Big	Consumers P. P. Dist.	Columbus	Blue Springs Plant	Dredge	D-1047	17	2	7E	Gage	Dec.	15	1922	1698
Blue River, Big	Zwonecheck and Aksamit	Wilber	De Witt Mill	Power	200.00	19	5	5E	Gage	Jan.	1	1875	1046
				Rs. dam		19	5	5E	Gage	Jan.	1	1903	1046
Blue River, Big	Consumers P. P. Dist.	Columbus	Holmesville Plant	Power	500.00	29	3	7E	Gage	Apr.		1882	1021
Blue River, Big	Consumers P. P. Dist.	Columbus	Holmesville Plant	Rs. dam	D-1021	29	3	7E	Gage	May	3	1911	1095
Blue River, Big	Consumers P. P. Dist.	Columbus	Plant No. 1	Power	200.00	19	9	4E	Seward	July	8	1910	1006
Blue River, Big	Jacobs, E.	Staplehurst	Jacobs Plant	Power	40.00	26	12	2E	Seward	Nov.	13	1911	1135
Blue River, Big	Blue Valley Elec. Co.	Odell	Barneston Plant	Power	500.00	13	1	7E	Gage	Feb.	18	1913	1262
Blue River, Big	Blue Valley Elec. Co.	Odell	Barneston Plant	Rs. dam	A-1262	13	1	7E	Gage	May	27	1920	1555
Blue River, Big	Blue Valley Elec. Co.	Odell	Barneston Plant	Dredge	A-1262	13	1	7E	Gage	Dec.	17	1925	1788
Blue River, Big	Mares, Frank	Wilber	Mares Canal	Irrig.	2.28	2	6	4E	Saline	Aug.	12	1913	1314
Blue River, Big	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Pipe Line	Dom.	.50	2	9	3E	Seward	Apr.	30	1914	1366
Blue River, Big	C. B. & Q. R. R. Co.	Lincoln	Wymore Pipe Line	Dom.	.50	21	2	7E	Gage	Dec.	24	1914	1394
Blue River, Big	C. B. & Q. R. R. Co.	Lincoln	Seward Pipe Line	Dom.	.50	21	11	3E	Seward	Dec.	24	1914	1395
Blue River, Big	Consumers P. P. Dist.	Columbus	Plant No. 4	Power	100.00	32	9	4E	Seward	Aug.	14	1916	1463

Blue River, Big.	Consumers P. P. Dist.	Columbus	Shestak Plant	Power	200.00	35	7	4E	Saline	Feb.	6	1918	1506
Blue River, Big.	Consumers P. P. Dist.	Columbus	Shestak Plant	Dredge	A-1506	35	7	4E	Saline	Mar.	30	1925	1761
Blue River, Big.	Consumers P. P. Dist.	Columbus	Plant No. 3	Power	400.00	2	3	6E	Gage	Oct.	7	1922	1690
Blue River, Big.	Johnson, Chas. S. P.	Stromsburg	Johnson Pump	Irrig.	1.29	8	13	2	Polk	Mar.	26	1930	2130
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	Sonderegger Pump	Irrig.	.43	3	3	6E	Gage	Aug.	29	1930	2164
Blue River, Big.	Blevins, Mrs. Geo. E.	Shelby	Blevins Pump	Irrig.	.57	2	13	1	Polk	May	19	1934	2384
Blue River, Big.	Cekal, Edward J.	Beatrice	Cekal Pump	Irrig.	.41	24	3	6E	Gage	July	24	1934	2433
Blue River, Big.	Martz, Jno. E.	Seward	Martz Pump	Irrig.	.64	20	11	3E	Seward	July	24	1934	2440
Blue River, Big.	Quackenbush, A. E.	Beatrice	Quackenbush Pump	Irrig.	.07	3	3	6E	Gage	July	25	1934	2441
Blue River, Big.	Olson, Paul A.	Milford	Olson Pump	Irrig.	.64	22	10	3E	Seward	Aug.	1	1934	2453
Blue River, Big.	Brinkmeyer, Louis C.	Seward	Chermak Pump	Irrig.	.58	28	11	3E	Seward	Sept.	5	1934	2470
Blue River, Big.	Jorgenson, L.	Carmel, Calif.	Jorgenson Pump No. 1	Irrig.	1.59	20	13	2E	Butler	Sept.	11	1934	2473
Blue River, Big.	Jorgenson, L.	Carmel, Calif.	Jorgenson Pump No. 2	Irrig.	.74	24	13	1E	Butler	Sept.	26	1934	2479
Blue River, Big.	Karpisek, Frank P.	Ulysses	Karpisek Pump	Irrig.	.61	20	13	2E	Butler	Nov.	20	1934	2495
Blue River, Big.	Weston, Margaret	Beatrice	Weston Pump	Irrig.	1.34	11	4	5E	Gage	Apr.	18	1935	2540
Blue River, Big.	Stokebrand, Edwin	De Witt	Stokebrand Pump	Irrig.	.22	20	5	5E	Gage	Oct.	18	1935	2563
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	Sonderegger Pump	Irrig.	.50	3	3	6E	Gage	Oct.	25	1935	2565
Blue River, Big.	Miller, A. W.	Pickrell	Miller Pump	Irrig.	.15	2	4	5E	Gage	July	29	1936	2601
Blue River, Big.	Morrill, Arthur C.	Stromsburg	Morrill Pumps	Irrig.	.42	13	13	3	Polk	Aug.	28	1936	2629
							7	13	2				
							17	13	2				
							18	13	2				
Blue River, Big.	Mares, Ed J., et al	Wilber	Mares Pump	Irrig.	.05	14	6	4E	Saline	Sept.	9	1936	2635
Blue River, Big.	Sheppard, Daisy E.	Shelby	Sheppard Pump	Irrig.	.33	7	13	1E	Butler	Nov.	19	1936	2662
Blue River, Big.	Hronik, James.	Wilber	Hronik Pump	Irrig.	.70	35	7	4E	Saline	Dec.	26	1936	2677
Blue River, Big.	Buck, C. W.	De Witt	Cloverdale Pump	Irrig.	.49	13	5	4E	Saline	Mar.	27	1937	2725
Blue River, Big.	Rathbun, Henry L.	De Witt	Rathbun Pump	Irrig.	1.00	18	5	5E	Gage	Apr.	28	1937	2737
Blue River, Big.	Birky, L. W.	Milford	Birky Pump	Irrig.	.34	15	10	3E	Seward	July	7	1937	2759
Blue River, Big.	Imig, Edw. P., et al	Seward	Imig Pump No. 2	Irrig.	.53	20	11	3E	Seward	July	27	1937	2766
Blue River, Big.	Nelson, Lee M.	Rochester, Minn.	Oak Park Pump	Irrig.	.65	20	11	3E	Seward	Aug.	24	1937	2776
Blue River, Big.	Novak, Emma B.	Crete	Novak Pump	Irrig.	.33	10	7	4E	Saline	Sept.	16	1937	2788
Blue River, Big.	Gruntorad, Louis E.	Seward	Gruntorad Pump	Irrig.	.97	18	11	2E	Seward	Dec.	20	1937	2816
Blue River, Big.	Dunker, J. H. C., Est.	David City	Dunker Pump	Irrig.	.07	14	13	1E	Butler	Jan.	6	1938	2822

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

Source	Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Blue River, Big.	Anderson, Geo. F.	Stromsburg	Anderson Pump	Irrig.	.99	3	13	2	Polk	Apr.	18	1938	2862	
Blue River, Big.	Heumann, Henry	Seward	Heumann Pump	Irrig.	.14	34	11	3E	Seward	June	9	1939	2928	
Blue River, Big.	Sonderegger Nurseries and Seed House	Beatrice	Sonderegger Pump	Irrig.	.20	3	3	6E	Gage	June	23	1939	2932	
Blue River, Big.	Doehling, G. C.	Cedar Bluffs	Doehling Pump	Irrig.	.21	15	13	1E	Butler	Aug.	18	1939	2953	
Blue River, Big.	Dunn, Mrs. Alice	De Witt	Dunn Pump	Irrig.	.58	12	5	4E	Saline	Sept.	11	1939	2962	
Blue River, Big.	Tichy, Robert Sr.	Wilber	Tichy Pump No. 2	Irrig.	.26	14	6	4E	Saline	Sept.	23	1939	2971	
Blue River, Big.	Tichy, Robert, Sr.	Wilber	Tichy Pump No. 1	Irrig.	.38	35	6	4E	Saline	Sept.	23	1939	2972	
Blue River, Big.	Reynolds, Charles	Milford	Reynolds Pump	Irrig.	1.34	10	10	3E	Seward	Oct.	18	1939	2992	
Blue River, Big.	Ramsey, Roland, et al.	Seward	Ramsey Pump	Irrig.	.68	28	11	3E	Seward	Oct.	26	1939	2999	
Blue River, Big.	Keller, William	Crete	Keller Pump	Irrig.	.21	4	8	4E	Saline	Nov.	7	1939	3011	
Blue River, Big.	Cooper, R. Matilda	Milford	Cooper Pump	Irrig.	.34	13	9	3E	Seward	Nov.	9	1939	3014	
Blue River, Big.	Atherton, W. Dec.	Beatrice	Atherton Pump	Irrig.	.09	7	3	7E	Gage	Apr.	24	1940	3142	
Blue River, Big.	Kracke, Ben	De Witt	Kracke Pump	Irrig.	.63	20	5	5E	Gage	June	24	1940	3188	
Blue River, Big.	Quackenbush, Wm.	De Witt	Quackenbush Pump	Irrig.	.76	33	5	5E	Gage	July	22	1940	3206	
Blue River, Big.	Buss, G. J.	Beatrice	Buss Pump	Irrig.	.24	18	4	6E	Gage	July	22	1940	3207	
Blue River, Big.	Schuerman, Mary	De Witt	Schuerman Pump	Irrig.	.64	12	5	4E	Saline	July	24	1940	3214	
Blue River, Big.	Mayland, Mrs. Chas. H.	Staplehurst	Mayland Pump No. 1	Irrig.	.47	26	12	2E	Seward	July	30	1940	3222	
Blue River, Big.	Janecek, Mrs. Josephine	Wilber	Janecek Pumps	Irrig.	.68	10	6	4E	Saline	Aug.	6	1940	3225	
Blue River, Big.	Sack, Jacob	Crete	Sack Pump	Irrig.	1.13	9	8	4E	Saline	Aug.	13	1940	3230	
Blue River, Big.	Weber, Wm.	Beatrice	Weber Pump	Irrig.	.91	13	4	5E	Gage	Aug.	26	1940	3241	
Blue River, Big.	Roehrkasse, Wm.	Seward	Roehrkasse Pump	Irrig.	.32	28	11	3E	Seward	Aug.	29	1940	3245	
Blue River, Big.	Coffin, Pearle	Shelby	Coffin Reservoir	Storage	†SAF	3	13	1	Polk	Sept.	3	1940	3251	
Blue River, Big.	Anderson, George F.	Stromsburg	Anderson Reservoir	Storage	†13AF	34	14	2	Poik	Jan.	9	1941	3365	
Blue River, Big.	Village of Surprise	Surprise	Surprise Reservoir	Storage		15	13	1	Butler	Oct.	13	1941	3519	
Blue River, Big.	Boswell and Calvert	Lincoln	Boswell-Calvert Pump	Irrig.	.73	35	10	3E	Seward	Oct.	27	1942	3589	
Blue River, Big.	Wagner, W. H., Estate	Lincoln	Priess-Wagner Pump	Irrig.	.16	19	4	6E	Gage	May	10	1943	3612	
Blue River, Big.	Rice, C. E.	Odell	Rice Pump	Irrig.	.70	12	1	7E	Gage	July	24	1943	3626	

Blue River, Big Tributary to	Andrews, W. E.	Beatrice	Andrews Pump	Irrig.	.20	10	3	6E	Gage	Apr.	3	1931	2196
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Plant No. 2	Power	100.00	32	9	3E	Seward	Jan.	3	1912	1153
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Plant No. 2	Rs. dam	A-1153	32	9	3E	Seward	Aug.	21	1918	1520
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Plant No. 3	Power	100.00	5	8	4E	Saline	Mar.	13	1913	1265
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Plant No. 3	Rs. dam	A-1265	5	8	4E	Saline	Aug.	21	1918	1521
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Plant No. 3	Rs. dam	A-1265	5	8	4E	Saline	Dec.	28	1920	1599
Blue R., Big. & School Creek	W F Garbe, Mrs. Albert	Grafton	Blue Park Dam	Power	66.00	1	8	4	Fillmore	Aug.	4	1917	1494
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Bow Span Plant	Power	100.00	26	9	2E	Seward	Dec.	17	1920	1505
Blue R., Big.	W F Consumers P. P. Dist.	Columbus	Big Bend Plant	Power	100.00	11	8	3E	Saline	Dec.	17	1920	1596
Blue R., Big.	W F Nelson, Louie E.	Inland	Nelson Pump	Irrig.	.48	27	8	8	Clay	Feb.	11	1927	1899
Blue R., Big.	W F Warren, Herbert F.	Trumbull	Warren Pump	Irrig.	.16	13	8	9	Adams	Nov.	26	1927	1971
Blue R., Big.	W F Show, Frank	McCool Jct.	Show Pump	Irrig.	.42	18	9	2	York	Oct.	19	1928	2048
Blue R., Big.	W F Swanson, S. A.	Hastings	Swanson Pump	Irrig.	1.90	4	7	9	Adams	Apr.	4	1929	2076
Blue R., Big.	W F Muirhead, Wm. C.	Bradshaw	Muirhead Canal	Irrig.	.33	30	9	5	Hamilton	Sept.	13	1929	2103
Blue R., Big.	W F Show, Frank	McCool Jct.	Show Pump	Irrig.	.82	18	9	2	York	Mar.	16	1934	2368
Blue R., Big.	W F Schmidt, Otto	Fairmont	Schmidt Pump	Irrig.	.43	3	8	3	Fillmore	July	14	1934	2425
Blue R., Big.	W F Casteel, Lonie E.	Crete	Casteel Pump	Irrig.	1.43	5	8	4E	Saline	July	18	1934	2429
Blue R., Big.	W F Nave, C. D.	Crete	Nave Pump	Irrig.	.39	5	8	4E	Saline	July	18	1934	2430
Blue R., Big.	W F Johnson, Arthur F.	Dorchester	Johnson Pump	Irrig.	.37	32	9	3E	Seward	July	23	1934	2435
Blue R., Big.	W F Mohlman, Elsie	Hastings	Mohlman Pump	Irrig.	.56	25	8	9	Adams	Aug.	9	1934	2458
Blue R., Big.	W F Rehor, Clara W.	Beaver Crossing	Rehor Pump	Irrig.	.41	3	9	1E	Seward	Apr.	30	1935	2543
Blue R., Big.	W F Steffegen, Mrs. Marie	Grafton	Budler Pump	Irrig.	.08	8	8	3	Fillmore	June	15	1936	2581
Blue R., Big.	W F Morford, J. C.	Beaver Crossing	Morford Pump	Irrig.	.29	18	9	2E	Seward	July	21	1936	2593
Blue R., Big.	W F Gilmore, Oden S.	York	Gilmore Pump	Irrig.	.43	7	9	1	York	July	27	1936	2600
Blue R., Big.	W F Kaliff, R. L.	York	Kaliff Pumps	Irrig.	1.10	25	9	3	York	Aug.	15	1936	2614
						36	9	3					
Blue R., Big.	W F Semler, Emil F.	Seward	Semler Pump	Irrig.	.25	32	9	3E	Seward	Aug.	27	1936	2626
Blue R., Big.	W F Franz, George G.	Henderson	Franz Pump	Irrig.	.12	19	9	4	York	Oct.	24	1936	2649
Blue R., Big.	W F Sandy, Dorothy E.	Baxter, Iowa	Sandy Pump	Irrig.	.11	15	9	2	York	Nov.	2	1936	2650

†Reservoir capacity alleged by applicant.
*Application pending.

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

Source	Appropriator	Post Office	Carrier	Use to which applied	Provisional in Grant	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Blue R., Big, W F	City Trust Company	York	City Trust Co. Pump	Irrig.	.71	19	9	2	York	Feb.	6	1937	2085
Blue R., Big, W F	Miller, Clifford E.	Omaha	Miller Pump	Irrig.	.97	27	9	4	York	Apr.	17	1937	2732
Blue R., Big, W F	Miller, Sam	Dorchester	Miller Pump	Irrig.	.35	3	8	3E	Saline	July	6	1937	2758
Blue R., Big, W F	Gard, Alvin J.	Beaver Crossing	Gard Pump	Irrig.	.86	1	9	1	York	Aug.	19	1937	2775
Blue R., Big, W F	Deremer, Wm. G.	Beaver Crossing	United Ins. Co. Pump	Irrig.	.37	31	10	1E	Seward	Sept.	10	1937	2783
Blue R., Big, W F	Matzke, Stanley and Simmons, Robt. G.	Seward Lincoln	Simmons-Matzke Pump	Irrig.	.31	16	9	2E	Seward	Sept.	11	1937	2784
Blue R., Big, W F	Baller, Albert L.	York	Baller Pump	Irrig.	1.04	7	9	1	York	Nov.	1	1938	2894
Blue R., Big, W F	Miller, Clifford	McCool	Miller Piant	Power	28.00	10	9	2	York	Aug.	31	1939	2955
Blue R., Big, W F	Sack, Dean	York	Sack Pump	Irrig.	.99	9	9	1	York	Nov.	1	1939	3003
Blue R., Big, W F	Buller, Cornelius P.	Fairmont	Buller Pump	Irrig.	.20	36	9	4	York	Nov.	14	1939	3017
Blue R., Big, W F	Broehl, C. A.	Grafton	Broehl Pump	Irrig.	.29	35	9	4	York	Dec.	23	1939	3066
Blue R., Big, W F	Novak, Joe H.	Fairmont	Novak Pump	Irrig.	.24	2	8	3	Fillmore	Jan.	24	1940	3085
Blue R., Big, W F	Bors, Joe, Jr. and McGowan, James A.	McCool Jct. York	Bors-McGowan Pump	Irrig.	.84	36	9	3	York	Apr.	12	1940	3133
Blue R., Big, W F	Pieper, Lawrence	Waco	Pieper Pump	Irrig.	.44	9	9	1	York	May	14	1940	3159
Blue R., Big, W F	Steenburg, Donald B.	Aurora	Steenburg Pump	Irrig.	.18	26	9	5	Hamilton	July	5	1940	3194
Blue R., Big, W F	Kubicek, Ralph	Waco	Kubicek Pump	Irrig.	.37	2	9	1	York	July	15	1940	3199
Blue R., Big, W F	Madison, M.	Goehner	Madison Pump	Irrig.	.31	17	9	2E	Seward	Aug.	7	1940	3226
Blue R., Big, W F	Cast, Robert	Beaver Crossing	Cast Pump	Irrig.	.38	17	9	2E	Seward	Aug.	23	1940	3238
Blue R., Big, W F	Farney and Work	Aurora	Farney-Work Pump	Irrig.	.10	33	9	6	Hamilton	Aug.	27	1940	3242
Blue R., Big, W F	Bors, Victor E.	McCool Jct.	Bors Pump	Irrig.	.23	36	9	3	York	Sept.	4	1940	3254
Blue R., Big, W F	Matzke, Stanley and Simmons, Robt. G.	Seward Lincoln	Simmons-Matzke Pump No. 2	Irrig.	.27	16	9	2E	Seward	Sept.	24	1940	3273
Blue R., Big, W F	Morrison, Anna J.	York	Morrison Pump	Irrig.	.15	35	9	3	York	Sept.	28	1940	3277
Blue R., Big, W F	O'Connor, P. J., et al.	Fairmont	O'Connor Pump	Irrig.	.10	8	8	3	Fillmore	Oct.	19	1940	3300

Blue R., Big, W F	Flick, Margaret B.	Reno, Nevada.	Flick Pump	Irrig.	.66	9	S	3	Fillmore	Apr.	21	1941	3432
Blue R., Big, W F	Cast, Robert	Beaver	Cast Pump	Irrig.	.39	17	9	2E	Seward	Apr.	30	1941	3436
		Crossing											
Blue R., Big, W F	Gocke, H. F.	Waco	Gocke Pump	Irrig.	.59	3	9	1	York	Aug.	9	1941	3484
Blue R., Big, W F	Cranston, Harlan	Stockham	Cranston Pump	Irrig.	.21	25	9	6	Hamilton	Dec.	4	1942	3590
Blue R., Big, W F	Lauber, Herbert E.	Geneva	Lauber-Smith Pump	Irrig.		9	S	3	Fillmore	May	1	1943	3610*
Blue R., Big, W F	Miller, Sam	Dorchester	Miller Pump	Irrig.	.39	3	S	3E	Saline	Aug.	3	1943	3628
Blue R., Big, W F	Bors, Joe, Jr.	McCool Jct.	Bors Pump	Irrig.	.36	9	S	3	York	Apr.	19	1944	3715
Blue R., Big, W F	Manning, Earl L.	Fairmont	Manning Pump	Irrig.		S	S	3	Fillmore	Aug.	4	1944	3748
Blue R., Big, W F	Deremer, Wm. G.	Beaver	Deremer Pump	Irrig.		31	10	1E	Seward	Aug.	9	1944	3749*
		Crossing											
Blue R., Big, W. F., Trib. to	Schaare, Hertha	Crete	Eckert Pump	Irrig.	.16	10	S	3E	Saline	Sept.	25	1939	2975
Blue R., Big, S. F.	Smith, Richard A. and May Armina	Geneva	Smith-Carter Pump	Irrig.	.08	1	S	4	Fillmore	Oct.	11	1941	3518
Cub Creek	Keuten, Diedrich	Jansen	Keuten Pump	Irrig.	.20	S	3	4E	Jefferson	Nov.	4	1940	3322
Cub Creek	Von Riesen, Catherine	Beatrice	Von Riesen Pump	Irrig.	.74	23	4	5E	Gage	Mar.	29	1944	3704
Ground Water	Holm, Chris	Hampton	Holm Well	Irrig.		4	10	5	Hamilton	Dec.	3	1940	3340*
Ground Water	Holm, Chris	Hampton	Holm Well	Irrig.		4	10	5	Hamilton	Feb.	24	1944	3689*
Ground Water	Heinzman, Scott E.	Phillips	Heinzman Well	Irrig.		33	11	8	Hamilton	Feb.	29	1944	3691*
Ground Water	Weber, Paul A.	Phillips	Weber Well	Irrig.		2	10	8	Hamilton	Mar.	2	1944	3692*
Ground Water	McKelvie Brothers Co.	Aurora	McKelvie Brothers Well	Irrig.		31	10	6	Hamilton	Mar.	6	1944	3695*
Ground Water	Eskildsen, Hans M.	Hampton	Eskildsen Well	Irrig.		21	11	5	Hamilton	Mar.	15	1944	3698*
Ground Water	Schumacher, J., Estate	Hampton	Petersen Well	Irrig.		28	11	5	Hamilton	Mar.	15	1944	3699*
Ground Water	Thieszen, Daniel	Henderson	Thieszen Well	Irrig.		35	10	5	Hamilton	Mar.	31	1944	3705*
Ground Water	Bamesberger, Carl G.	Hampton	Bamesberger Well	Irrig.		2	10	5	Hamilton	Apr.	3	1944	3707*
Ground Water	Purdy, Alvin	Phillips	Purdy Well	Irrig.		19	11	7	Hamilton	Apr.	11	1944	3710*
Ground Water	Huenefeld, C. H.	Aurora	Huenefeld Well	Irrig.		25	10	7	Hamilton	Apr.	17	1944	3713*
Ground Water	Byers, Chas. E., et al.	Aurora	Byers Well	Irrig.		31	11	6	Hamilton	Apr.	29	1944	3720*
Indian Cr., Big (See Spring Branch)	Fink, Alvin M.	Wymore	Fink Pump	Irrig.	.10	25	2	6E	Gage	Feb.	23	1935	2518

* Application pending.

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

Source	Appropriator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Lincoln Creek	Thorp and Harris	Thayer	Thayer Mills	Power		25	12	2	York				1053*	
Lincoln Creek	Ritterbush, Fred	Seward	Ritterbush Pumps	Irrig	.67	33	12	2E	Seward	Nov.	22	1934		2496
Lincoln Creek	Daehling, Ernest	Staplehurst	Ritterbush Pump	Irrig	.36	33	12	2E	Seward	July	22	1937		2764
Lincoln Creek	Imig, Edw. P., et al	Seward	Imig Pump No. 1	Irrig	.31	20	11	3E	Seward	July	27	1937		2765
Lincoln Creek	Nelson, Lee M.	Rochester, Minn.	Nelson Pumps	Irrig	.34	13	11	2E	Seward	Aug.	18	1937		2773
Lincoln Creek	Curry, J. F.	Seward	Curry Pump	Irrig	.94	19	11	3E	Seward	Apr.	12	1938		2861
Lincoln Creek	Kruse, Herman F. and Henry H.	Seward	Kruse Pump	Irrig	.81	19	11	3E	Seward	Sept.	12	1938		2883
Lincoln Creek	Lindstrom, Annie B., et al	Waco	Lindstrom Pump	Irrig	.36	21	12	1	York	Nov.	8	1939		3013
Lincoln Creek	Zieme, Wm.	Utica	Zieme Pump	Irrig	.26	31	12	1E	Seward	Dec.	1	1939		3034
Lincoln Creek	Jones, Mrs. Dorothy	Seward	Jones Pump	Irrig	.28	13	11	2E	Seward	Dec.	11	1939		3045
Lincoln Creek	Schneebeck, Mrs. Sophia	Seward	Schneebeck Pump	Irrig	.46	24	11	2E	Seward	Dec.	18	1939		3056
Lincoln Creek	Curry, J. F.	Seward	Curry Pump	Irrig	1.15	19	11	3E	Seward	Feb.	28	1940		3097
Lincoln Creek	Mayland, Mrs. Chas. H.	Staplehurst	Mayland Pump No. 2	Irrig	.36	11	11	2E	Seward	July	30	1940		3223
Lincoln Creek	Parker, Cora Belle	Utica	Parker-Talbert Pump	Irrig	.35	24	12	2	York	Sept.	16	1940		3266
Lincoln Creek	Steenburg, Donald B.	Aurora	Steenburg Pumps	Irrig	.34	2	10	6	Hamilton	Sept.	27	1940		3276
Lincoln Creek	Grosshans, Andrew	York	Grosshans Pump	Irrig	.28	14	11	3	York	Oct.	21	1940		3303
Lincoln Creek	Schneebeck, Mrs. Sophia	Seward	Schneebeck Pump	Irrig	.37	24	11	2E	Seward	Oct.	21	1940		3304
Lincoln Creek	Hurlbut, M. A.	York	Hurlbut Pump	Irrig	.56	19	11	2	York	Aug.	5	1941		3451
Lincoln Creek	Edgerton, Frank E.	Aurora	Edgerton Pump	Irrig	.68	30	11	5	Hamilton	Sept.	9	1943		3644
School Creek	Trautman, Henry, et al	Sutton	Trautman Pump	Irrig	.16	17	8	4	Fillmore	Apr.	19	1940		3141
School Creek	Fitzgerald, Tom	Grafton	Fitzgerald Pump	Irrig	.05	20	8	4	Fillmore	June	3	1942		3572

Spring Branch (See Indian Cr.)	Fink, Alvin M.	Wymore	Fink Pump	Irrig.	.07	25	2	6E	Gage	Feb.	23	1935	2513
Swan Creek	Schmidt, Frederick	De Witt	Smith Pump	Irrig.	.03	19	5	4E	Saline	Apr.	6	1937	2728
Turkey Creek	Grothe, Chas.	Pleasant Hill		Power		4	7	3E	Saline				990*
Turkey Creek	Lane, J. K.	Pleasant Hill	Lane Model Canal	Irrig.	.09	4	7	3E	Saline	July	16	1895	81
Turkey Creek	Lane, J. K.	Pleasant Hill	Lane Model Canal	Irrig.					Saline	July	18	1895	84
Turkey Creek	Pecka, Frank, Jr.	Friend	Pecka Pump	Irrig.	1.23	4	7	1E	Saline	May	3	1934	2376
Turkey Creek	Divoky, Rudolph	Friend	Divoky Pump	Irrig.	1.13	34	8	1E	Saline	May	25	1934	2386
Turkey Creek	Dilley, Edward A., Est.	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	Hasenohr, Fred	De Witt	Hasenohr Pump	Irrig.	.33	24	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
Turkey Creek	Ebke, Henry	De Witt	Ebke Pump	Irrig.	.40	24	5	4E	Saline	Oct.	16	1936	2645
Turkey Creek	Hamouz, Lew	Milligan	Hamouz Pump	Irrig.	.04	35	7	1	Fillmore	Nov.	3	1936	2651
Turkey Creek	Yokel, J. C.	Friend	Yokel Pump	Irrig.	.96	17	7	1E	Saline	Mar.	24	1938	2853
Turkey Creek	Barney, John E.	Friend	Barney Pump	Irrig.	.30	32	8	2E	Saline	Sept.	9	1939	2961
Turkey Creek	Eret, Adolph	Dorchester	Marcelino Pump	Irrig.	.41	34	8	2E	Saline	July	23	1940	3209
Turkey Creek	Harms, Alfred F.	De Witt	Harms Pumps	Irrig.	.46	29	5	5E	Gage	Aug.	20	1940	3235
Turkey Creek	Waldo, Mrs. Lizzie	De Witt	Waldo Pumps	Irrig.	.53	24	5	4E	Saline	Aug.	27	1940	3243
Turkey Creek	Drake, D. E.	Friend	Drake Pump	Irrig.	.61	32	8	2E	Saline	Sept.	24	1940	3274
Turkey Creek	Vossler, Mrs. Esther A.	Friend	Vossler Pump	Irrig.	.09	36	8	1E	Saline	Oct.	9	1940	3288
Turkey Creek	Dvorak, John	Wilber	Dvorak Pump	Irrig.	.11	23	6	4E	Saline	Dec.	7	1940	3344
Turkey Creek	Svejda, Vaclav	Crete	Svejda Pump	Irrig.	.04	23	7	3E	Saline	July	28	1941	3472
Turkey Creek	Semrad, James	Crete	Semrad Pump	Irrig.	.16	14	7	3E	Saline	Aug.	4	1941	3479
Turkey Creek	Arnold, Lillie D.	Dorchester	Arnold Pump	Irrig.	.23	35	8	2E	Saline	May	14	1942	3566

* Claim not adjudicated.

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Provi-sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Bennett Res.....	Rodman, Walter M.....	Kimball.....	Bennett Canal.....	Supple I.....	A-691	22	15	55	Kimball.....	Oct.	2	1902	691	
Bennett Res.....	Rodman, Walter M.....	Kimball.....	Bennett Canal.....	Stor-only.....		22	15	55	Kimball.....	Jan.	13	1928	1975	
Flood Water.....	Fifield, C. M.....	Kimball.....	Fifield Canal.....	Irrig.....	.57	22	15	56	Kimball.....	Apr.	27	1911	1091	
Ground Water (Lodge Pole Cr.)	McIntosh, J. L. and Martin, Paul L.	Sidney.....	McIntosh-Martin Pump	Irrig.....	1.23	35	14	50	Cheyenne.....	Nov.	22	1922	1695	
Ground Water	S. A. Foster Lumber Co.	Lincoln.....	Foster Wells.....	Irrig.....	.66	8	13	45	Cheyenne.....	Apr.	29	1931	2250	
Ground Water	Rodman, Roland V.....	Denver.....	Rodman Well No. 1.....	Irrig.....		28	15	51	Kimball.....	Aug.	7	1937	2770*	
Ground Water	Bright, Joe S.....	Bridgeport.....	Bright Well.....	Irrig.....		2	13	50	Cheyenne.....	May	4	1935	2870*	
Ground Water	Killham, Edward H.....	Lodgepole.....	Killham Well.....	Irrig.....		1	12	52	Cheyenne.....	Dec.	21	1938	2903*	
Ground Water	Gunderson, Howard.....	Dix.....	Gunderson Well.....	Irrig.....		36	15	54	Kimball.....	Dec.	22	1939	3065*	
Ground Water	Lobb, Jason O.....	Gurley.....	Lobb Well.....	Irrig.....		27	15	55	Kimball.....	Mar.	29	1940	3126*	
Ground Water	Gunderson, Robert.....	Dix.....	Gunderson Well.....	Irrig.....		33	15	54	Kimball.....	May	11	1940	3156*	
Ground Water	Russell, Gail H.....	Kimball.....	Russell Wells.....	Irrig.....		29	15	55	Kimball.....	May	27	1940	3167*	
						27	15	54						
						35	15	54						
Ground Water	Johnson, Julius J.....	Dix.....	Johnson Well.....	Irrig.....		34	15	53	Kimball.....	Feb.	27	1941	3403*	
Ground Water	Gunderson, Howard.....	Dix.....	Gunderson Well.....	Irrig.....		2	14	53	Cheyenne.....	Mar.	25	1941	3419*	
Ground Water	Mohatt, Everett.....	Sidney.....	Mohatt Pump.....	Irrig.....		4	13	50	Cheyenne.....	Jan.	26	1942	3546*	
Lodgepole Creek	Priess, W. H.....	Kimball.....	Bickel Canal.....	Irrig.....	.30	30	15	55	Kimball.....	Dec.	31	1876	347	
Lodgepole Creek	Alfred Forsling Est., Inc.	Kimball.....	Owasco Canal.....	Irrig.....	1.20	29	15	55	Kimball.....	Dec.	31	1876	347R	
Lodgepole Creek	Gunderson, A., Estate.....	Potter.....	Gunderson Canal.....	Irrig.....	1.43	1	14	52	Cheyenne.....	June	1	1879	305	
Lodgepole Creek	Fuller, Mrs. Jessie L.....	Sidney.....	Runge Canal No. 1.....	Irrig.....	1.71	20	14	50	Cheyenne.....	Apr.	15	1880	339	
Lodgepole Creek	Fuller, Mrs. Jessie L.....	Sidney.....	Runge Canal No. 2.....	Irrig.....	.50	20	14	50	Cheyenne.....	Apr.	15	1882	338	
Lodgepole Creek	Carlson, Mrs. Christina	Potter.....	Anderson Canal No. 1.....	Irrig.....	2.50	8	14	51	Cheyenne.....	June	30	1882	373	
Lodgepole Creek	Rodman, Walter M.....	Kimball.....	Circle Arrow Canal.....	Irrig.....	3.71	30	15	54	Kimball.....	July	1	1882	346	

Lodgepole Creek	Fuller, Clark H. and Mary J.	Sidney	Urbach Canal	Irrig.	.86	15	14	51	Cheyenne	Sept.	1	1882	308	
Lodgepole Creek	Booth, Mrs. Esther	Sunol	Booth Canal	Irrig.	4.29	29	14	47	Cheyenne	May	31	1883	309	
Lodgepole Creek	McAuliffe, John F.	Chappell	McAuliffe Canal	Irrig.	2.29	21	13	45	Deuel	Dec.	21	1884	314	
Lodgepole Creek	Rodman, Walter M.	Kimball	Kinney Canal No. 2	Irrig.	2.71	23	15	56	Kimball	Dec.	31	1884	348	
Lodgepole Creek	Libby, Mary A., Est.	Lodgepole	Libby Canal	Irrig.	2.00	36	14	47	Cheyenne	Dec.	31	1884	312	
Lodgepole Creek	Dickinson, Florence Pearl	Lodgepole	Dickinson Canal	Irrig.	1.14	26	14	47	Cheyenne	Jan.	1	1885	969	
Lodgepole Creek	Ruttner, Edward A.	Lodgepole	Howard Canal	Irrig.	.86	31	14	47	Cheyenne	Apr.	10	1885	336	
Lodgepole Creek	Krueger, Wm. F., et al	Sidney	Krueger Canal No. 3	Irrig.	1.14	32	14	48	Cheyenne	May	1	1885	323	
Lodgepole Creek	Wolf, Mrs. H. D.	Chappell	Wolf Canal	Irrig.	1.00	18	13	45	Deuel	Dec.	31	1885	313	
Lodgepole Creek	Rodman, Walter M. and Uhl, David	Kimball	McIntosh Canal	Irrig.	3.31	23	15	55	Kimball	Apr.	16	1886	351	
Lodgepole Creek	Krueger, Wm. F., et al	Sidney	Krueger Canal No. 2	Irrig.	2.29	32	14	48	Cheyenne	Oct.	10	1886	324	
Lodgepole Creek	Beyer, Frank	Sidney	Borquist Canal	Irrig.	.71	34	14	49	Cheyenne	Apr.	30	1887	300	
Lodgepole Creek	Beyer, Frank	Sidney	Borquist Canal	Irrig.	1.29	34	14	49	Cheyenne	Apr.	30	1887	301	
Lodgepole Creek	Dickinson, Friend	Sunol	McLaughlin Canal	Irrig.	1.00	25	14	48	Cheyenne	May	1	1887	966	
Lodgepole Creek	George, J. Harvey	Sidney	Mitchell Canal	Irrig.	.86	8	14	51	Cheyenne	Sept.	1	1887	304	
Lodgepole Creek	Roche and Barstow	Sidney	Tobin Canal	Irrig.	2.29	28	14	47	Cheyenne	July	31	1888	330	
Lodgepole Creek	Peeetz, John	Sidney	Bordwell Canal	Irrig.	1.43	35	14	49	Cheyenne	Aug.	1	1888	303	
Lodgepole Creek	Wearin, Wm. H.	Carleton	Premier Canal	Irrig.	2.43	3	14	58	Kimball	Apr.	11	1889	340	
Lodgepole Creek	Peeetz, John	Sidney	Bordwell Canal	Irrig.	.86	35	14	49	Cheyenne	Apr.	27	1889	302	
Lodgepole Creek	Farmer, Marion	Kimball	Atkins-Polly Canal	Irrig.	.79	30	15	55	Kimball	May	6	1889	342	
Lodgepole Creek	Wearin, Wm. H.	Carleton	Independent Canal	Irrig.	3.14	7	14	58	Kimball	May	6	1889	343	
Lodgepole Creek	Atkins, D. K.	Kimball	Atkins-Polly Canal	Irrig.	.43	30	15	55	Kimball	May	6	1889	344	
Lodgepole Creek	Rodman, Walter M.	Kimball	Kinney Canal	Irrig.	2.00	31	15	56	Kimball	May	14	1889	345	
Lodgepole Creek	Haberstroh, W. A.	Omaha	Young Canal	Irrig.	.50	33	15	57	Kimball	May	28	1889	349	
Lodgepole Creek	Linn, Kenneth	Kimball	Ruttner (Old) Canal	Irrig.	.81	31	15	56	Kimball	June	4	1889	350	
Lodgepole Creek	Linn, Kenneth	Kimball	Ruttner (New) Canal	Irrig.	.33	36	15	57	Kimball	June	4	1889	350R	
Lodgepole Creek	Oberfelder, Irving T.	Detroit, Mich.	Oberfelder Canal	Irrig.	.43	31	14	46	Cheyenne	June	10	1889	333	
Lodgepole Creek	Mayborn, Thos. W.	Chappell	Bullock Canal	Irrig.	1.43	3	12	46	Deuel	June	25	1889	296	
Lodgepole Creek	Carlson, Myron F.	Chappell	Persinger Canal	Irrig.	4.57	33	14	46	Deuel	June	25	1889	297	

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Lodgepole Creek	Krueger, Wm. F., et al	Sidney	Krueger Canal No. 1	Irrig.	3.00	29	14	48	Cheyenne	June	26	1889	325	—
Lodgepole Creek	Atkins, Dallas and Vernon	Kimball	Brady Canal	Irrig.	.71	28	15	54	Kimball	Aug.	16	1889	352	—
Lodgepole Creek	Gross, Chas. C.	Pine Bluff, Wyoming	Hoover Canal	Irrig.	1.43	12	14	59	Kimball	Sept.	4	1889	353	—
Lodgepole Creek	Equitable Life Ins. Co.	Des Moines, Iowa	Ickes Canal	Irrig.	2.50	28	14	50	Cheyenne	Mar.	25	1891	329	—
Lodgepole Creek	Egging, Francis H.	Potter	Adams Canal	Irrig.	1.43	3	14	52	Cheyenne	July	1	1891	371	—
Lodgepole Creek	Garrad, Robert, et al	Kimball	Hurley-Lilly-Polly Canal	Irrig.	2.57	26	15	56	Kimball	Oct.	1	1891	354	—
Lodgepole Creek	Thorstensen, Nels	Potter	Christensen Canal	Irrig.	.57	7	14	51	Cheyenne	Apr.	15	1893	366	—
Lodgepole Creek	Thorstensen, Nels	Potter	Christensen Canal	Irrig.	.43	7	14	51	Cheyenne	Apr.	15	1893	367	—
Lodgepole Creek	Van Aelstyn, Ed	Sidney	Trognitz Canal	Irrig.	1.00	36	14	50	Cheyenne	June	1	1893	365	—
Lodgepole Creek	Oberfelder, Irving T.	Detroit, Mich.	Oberfelder Canal	Irrig.	2.00	31	14	46	Cheyenne	Dec.	30	1893	306	—
Lodgepole Creek	Borgmann, Henry F.	Lodgepole	Barrett Canal	Irrig.		32	14	46	Cheyenne				334*	—
Lodgepole Creek	Krueger, Wm. F., et al	Sidney	Krueger Canal	Irrig.	1.00	29	14	48	Cheyenne	May	1	1894	968	—
Lodgepole Creek	Lyngholm, Hannah	Sidney	Lyngholm Canal	Irrig.	.36	14	14	51	Cheyenne	Nov.	1	1894	337	—
Lodgepole Creek	Dickinson, Geo. W., et al	Lodgepole	Dickinson Canal	Irrig.	2.29	33	14	47	Cheyenne	May	10	1896	967	—
Lodgepole Creek	Carlson, Myron F.	Chappell	Bullock Canal	Irrig.	.57	4	13	46	Deuel	Feb.	16	1898	—	437
Lodgepole Creek	Alfred Forsling Est., Inc.	Kimball	Maltese Cross Canal	Irrig.	.21	36	15	57	Kimball	May	16	1898	—	451
Lodgepole Creek	Wearin, Wm. H.	Carleton	Bushnell Canal	Irrig.	3.00	2	14	58	Kimball	Apr.	15	1899	—	504
Lodgepole Creek	Wiegand, Lyle H.	Chappell	Wiegand Canal	Irrig.	2.00	17	13	45	Deuel	May	31	1900	—	563
Lodgepole Creek	Brown, G. B.	Chappell	Neuman Canals 1-2	Irrig.	1.89	36	13	45	Deuel	June	12	1900	—	565
Lodgepole Creek	Peterson, H. C.	Chappell	Wertz Canal	Irrig.	2.86	12	13	46	Deuel	Feb.	14	1901	—	600
Lodgepole Creek	Neuman, Guy C.	Chappell	Neuman Canal	Irrig.	1.29	26	13	45	Deuel	Apr.	17	1901	—	611
Lodgepole Creek	Williams, Albert	Chappell	Johnson Canal	Irrig.	2.01	23	13	45	Deuel	Apr.	17	1901	—	612

Lodgepole Creek (See A-1974)	Rodman, Walter M.	Kimball	Bennett Reservoir	Storage	†700AF	22	15	55	Kimball	Mar.	13	1902	657
Lodgepole Creek	Rabe, George H.	Chappell	Naslund Canal	Irrig.	.90	1	12	45	Deuel	Apr.	16	1902	661
Lodgepole Creek	Rodman, Walter M.	Kimball	Bennett Canal	Irrig.	1.22	22	15	55	Kimball	Oct.	2	1902	691
Lodgepole Creek	Forsling, Alfred	Kimball	Forsling Canal	Irrig.	1.50	34	15	57	Kimball	Apr.	24	1903	703
Lodgepole Creek	Quinn, Harold	Kimball	Kinney-Forsling Canal	Irrig.	1.07	33	15	56	Kimball	July	25	1903	718
Lodgepole Creek	Quinn, Harold	Kimball	Ruttner-Kinney Canal	Irrig.	.75	31	15	56	Kimball	July	25	1903	718R
Lodgepole Creek	Priess, W. H.	Kimball	Bickel Canal	Irrig.	.93	30	15	55	Kimball	Aug.	3	1903	719
Lodgepole Creek	Fuller, Clark H. and Mary J.	Sidney	Pomeroy Canal No. 1	Irrig.	.57	15	14	51	Cheyenne	Aug.	20	1903	723
Lodgepole Creek	Atkins, D. K.	Kimball	Faden Canal	Irrig.	.14	30	15	55	Kimball	Sept.	9	1903	724
Lodgepole Creek	Rodman, Walter M.	Kimball	Owasco Canal	Irrig.	9.84	29	15	55	Kimball	Sept.	12	1903	725
Lodgepole Creek	Linn, Kenneth	Kimball	Ruttner (New) Canal	Irrig.	.51	36	15	57	Kimball	Sept.	16	1903	727
Lodgepole Creek	Rodman, Walter M. and Uhl, David	Kimball Dix	McIntosh Canal	Irrig.	1.75	23	15	55	Kimball	Dec.	15	1903	734
Lodgepole Creek	Fedde, Adolph	Gretna	Smith Canal	Irrig.	3.86	12	12	45	Deuel	Aug.	18	1906	850
Lodgepole Creek	Soderquist, Peter, Est.	Chappell	Ralton System	Irrig.	2.59	12	12	45	Deuel	Jan.	4	1907	847
Lodgepole Creek	Quinn, Harold	Kimball	Ruttner (Yoder) Canal	Irrig.	2.71	36	15	57	Kimball	Apr.	9	1907	857
Lodgepole Creek	Walker, I. S.	Kimball	Ruttner (New) Canal	Irrig.	.63	36	15	57	Kimball	Sept.	16	1907	869
Lodgepole Creek	Gross, Chas. C.	Pine Bluff, Wyoming	Tracy Canal	Irrig.	.50	12	14	59	Kimball	Sept.	21	1907	870
Lodgepole Creek	Soderquist, Peter, Est.	Chappell	Ralton Canal	Irrig.	12.40	26	13	45	Deuel	Dec.	4	1907	882
Lodgepole Creek	Kimball Irrig. Dist.	Kimball	Oliver Reservoir	Storage	†20,090AF	36	15	57	Kimball	Apr.	15	1908	897
Lodgepole Creek	Kimball Irrig. District	Kimball	Kimball Canal	Irrig.		36	15	57	Kimball	Apr.	15	1908	897
Lodgepole Creek	Atkins, D. K.	Kimball	Atkins-Polly Canal	Irrig.	.11	30	15	55	Kimball	Apr.	15	1908	897R
Lodgepole Creek	Wilds, Turner	Chappell	Wilds Canal	Irrig.	.57	11	12	46	Deuel	June	2	1908	904
Lodgepole Creek	Ruttner, Joseph B.	Sunol	Ruttner Canal	Irrig.	.57	30	14	47	Cheyenne	June	25	1908	906
Lodgepole Creek	Rodman, Walter M.	Kimball	Bennett Canal No. 3	Irrig.	1.00	29	15	54	Kimball	Feb.	17	1909	934
Lodgepole Creek	Maginnis, P.	Kimball	Maginnis Pond	Ice	†500AF	26	15	56	Kimball	Sept.	19	1911	1127
Lodgepole Creek	Brown, Cyrus D., et al.	Chappell	Soderquist Canal	Irrig.	2.00	36	13	45	Deuel	Oct.	22	1912	1237
Lodgepole Creek	Heming, Howard C.	Chappell	Wiegand Canal No. 3	Irrig.	1.21	16	13	45	Deuel	Sept.	10	1913	1322
Lodgepole Creek	Heming, Howard C.	Chappell	Wiegand Canal No. 2	Irrig.	.43	16	13	45	Deuel	Sept.	10	1913	1323
Lodgepole Creek	Brown, Cyrus D., et al.	Chappell	Soderquist Canal	Irrig.	2.33	36	13	45	Deuel	June	29	1915	1420
Lodgepole Creek	Neuman, A. G.	Chappell	Neumann Canal	Irrig.	1.03	26	13	45	Deuel	Jan.	5	1916	1445

*Claim not adjudicated.

†Reservoir capacity alleged by applicant.

"R" Denotes relocation.

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Lodgepole Creek	Bentley, Bertha M.	Sidney	Bentley Reservoir	Dom.	†50AF	34	14	50	Cheyenne	Feb.	14	1917	1478	
Lodgepole Creek	Sudman, Mrs. Minnie	Chappell	Sudman Canal	Irrig.	.79	22	13	45	Deuel	Apr.	5	1917	1483	
Lodgepole Creek	McAuliffe, Beulah	Omaha	McAuliffe Canal	Irrig.	1.77	21	13	45	Deuel	Oct.	6	1919	1559	
Lodgepole Creek	Ruttner, Joseph B.	Sunol	Howard-Ruttner Canal	Irrig.	.20	31	14	47	Cheyenne	Mar.	7	1922	1645	
Lodgepole Creek	Patrousky, L. W.	Sidney	Stuht Canal	Irrig.	.40	32	14	49	Cheyenne	Apr.	26	1922	1659	
Lodgepole Creek	Schulte, Grace	Sidney	Bluhm Canal	Irrig.	1.00	36	14	48	Cheyenne	May	24	1926	1811	
Lodgepole Creek	Stahla, Phillip	Kimball	Kinney Canal	Irrig.	.20	31	15	56	Kimball	July	14	1926	1828	
Lodgepole Creek	Wearin, Wm. H.	Carleton	Wearin Canal	Irrig.	1.50	8	14	58	Kimball	Sept.	28	1926	1864	
Lodgepole Creek (See A-657)	Rodman, Walter M.	Kimball	Bennett Reservoir	Storage	†262AF	22	15	55	Kimball	Jan.	13	1928	1974	
Lodgepole Creek	Peterson, Geo. H.	Chappell	Peterson Canal	Irrig.	.66	26	13	45	Deuel	Apr.	17	1928	2006	
Lodgepole Creek	McLernon, Mrs. Emma	Sidney	McLernon Canal	Irrig.	.24	31	14	49	Cheyenne	Sept.	1	1928	2027	
Lodgepole Creek	Pantenburg, Wm. F.	Sidney	Pantenburg Canal	Irrig.	1.00	34	14	49	Cheyenne	Nov.	15	1929	2113	
Lodgepole Creek	Thorstensen, Nels	Potter	Thorstensen Pump	Irrig.	.29	7	14	51	Cheyenne	Mar.	10	1936	2569	
Lodgepole Creek	Anderson, Harry	Sidney	Anderson Pump	Irrig.	.20	10	14	51	Cheyenne	Feb.	14	1938	2839	
Lodgepole Creek	Peetz, John	Sidney	Peetz Pump	Irrig.	.20	35	14	49	Cheyenne	Feb.	21	1939	2909	
Lodgepole Creek	Radcliffe, C. S.	Sidney	Radcliffe Pumps	Irrig.	.41	31	14	49	Cheyenne	Dec.	21	1939	3064	
Lodgepole Creek	Fuller, Mrs. Jessie L.	Sidney	Fuller Pump	Irrig.	.33	20	14	50	Cheyenne	June	25	1940	3191	
Lodgepole Creek	Fuller, Mrs. Jessie L.	Sidney	Runge Canal No. 1	Irrig.	.48	20	14	50	Cheyenne	Jan.	8	1941	3363	
Lodgepole Creek	Fuller, Mrs. Jessie L.	Sidney	Fuller Pump	Irrig.	.64	20	14	50	Cheyenne	Jan.	8	1941	3363R	
Lodgepole Creek	Jones, Chas. L., Est.	Hastings	Jones Canal	Irrig.	1.80	36	14	49	Cheyenne	Feb.	14	1941	3392	
Lodgepole Creek	Fuller, Clark H.	Sidney	Fuller Pump	Irrig.	.71	15	14	51	Cheyenne	Apr.	5	1941	3425	
Lodgepole Creek	George, J. Harvey	Sidney	George Canal	Irrig.	.71	7	14	51	Cheyenne	Oct.	27	1941	3525	
Lodgepole Creek	George, J. Harvey	Sidney	Mitchell Canal	Irrig.	.29	8	14	51	Cheyenne	Oct.	27	1941	3526	
Lodgepole Creek	McHatton, Howard L.	Chappell	McHatton Pump	Irrig.	1.27	7	13	45	Deuel	Mar.	12	1942	3560	

Oliver Reservoir	Kimball Irrig. Dist.	Kimball	Kimball Canal	Supple. I.	A-897	36	15	57	Kimball	Apr.	15	1908	—	897
Springs	Oberfelder, Irving T.	Detroit, Mich.	Oberfelder Canal	Irrig.	2.29	31	14	46	Cheyenne	May	29	1889	307	—
Springs	Chambers, Chas. P., Est.	Sidney	Private Canal	Irrig.	.04	14	13	51	Cheyenne	Mar.	19	1895	335	—
Springs	Libby, H. H., Estate	Lodgepole	Spring Branch Canal	Irrig.	29	36	14	47	Cheyenne	July	1	1901	—	623

†Reservoir capacity alleged by applicant.

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

"R" Denotes relocation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Nemaha River	City of Falls City	Falls City	City Supply	Dom.	4.63	22	1	16E	Richardson	Aug.	5	1936	2605	
Nemaha R., N. F.	C. B. & Q. R. R. Co.	Lincoln	Table Rock Pipe Line	Dom.	1.00	33	3	12E	Pawnee	Aug.	8	1922	1687	
Nemaha R., N. F.	Estes, E. B.	Tecumseh	Estes Pumps	Irrig.	1.43	19	5	11E	Johnson	Aug.	15	1930	2159	
Nemaha R., N. F.	Goracke, Roy C.	Tecumseh	Goracke Pumps	Irrig.	4.20	13	5	10E	Johnson	May	4	1934	2377	
Nemaha R., N. F.	Goracke, Raymond A.	Tecumseh	Goracke Pumps	Irrig.	.54	14	5	10E	Johnson	July	16	1934	2428	
Nemaha R., N. F.	Goracke, Joe	St. Mary	Goracke Pumps	Irrig.	1.12	14	5	10E	Johnson	Sept.	26	1934	2478	
Nemaha R., N. F.	City of Humboldt	Humboldt	Humboldt Lake	Resort	†25A	F10	2	13E	Richardson	June	20	1935	2551	
Nemaha R., N. F.	City of Tecumseh	Tecumseh	City Supply	Dom.	2.30	33	5	11E	Johnson	Sept.	5	1936	2634	
Nemaha R., N. F.	Elk Creek Recreation Club	Elk Creek	Elk Lake Reservoir	Fish		25	4	11E	Johnson	Apr.	26	1938	2864	
Nemaha R., N. F.	Binder, W. R.	Table Rock	Binder Pump	Irrig.	1.54	33	3	12E	Pawnee	Jan.	24	1940	3086	
Nemaha R., N. F.	Heuke, Herman	Table Rock	Heuke Pump	Irrig.	.62	20	3	12E	Pawnee	Aug.	6	1941	3482	
Nemaha R., N. F.	Binder, W. R.	Table Rock	Binder Pump	Irrig.	1.73	33	3	12E	Pawnee	Aug.	15	1941	3487	
Nemaha R., N. F.	Binder, W. R.	Table Rock	Binder Pump	Irrig.	.19	33	3	12E	Pawnee	Sept.	25	1941	3511	
Nemaha R., Lit.	Clarke, J. E.	Brock	Cedar Drive Stock Farm Pumps	Irrig.	1.23	25	6	13E	Nemaha	Nov.	20	1937	2806	
Nemaha R., Lit.	Mo. Pac. Ry. Corp.	St. Louis, Mo.	M. P. Water Supply— Auburn	Dom.	3.00	15	5	14E	Nemaha	May	11	1938	2873	
Rock Creek	Stevenson, Julien R.	Nebraska City	Stevenson Pump	Irrig.	.70	30	7	14E	Otoe	Dec.	5	1936	2668	
Walnut Creek	Kimmel, R. P.	Nebraska City	Kimmel Pump	Irrig.	.46	36	9	13E	Otoe	Aug.	27	1936	2625	

Weeping Water Creek	Gilmore, Chas.....	Weeping Water	Gilmore Pond.....	Ice.....	8.00	2	10	11	E	Cass.....	Aug.	5	1909	—	955
Weeping Water Creek	University of Nebraska	Lincoln.....	University Pump.....	Irrig.....	.57	35	10	13	E	Cass.....	Nov.	27	1936	—	2664
Weeping Water Creek	Department of Roads and Irrigation	Lincoln.....	Nebraska State Pump..	Irrig.....	.71	35	10	13	E	Cass.....	Jan.	18	1937	—	2681

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ash Creek	Swenson, John E.	Eddyville	Tierney Pump	Irrig.	2.95	7	14	20	Custer	May	17	1932	2271	
Barnum Creek	Sheldon, Charles H.	Columbus	Sheldon Pump No. 1	Irrig.	.13	31	17	1E	Platte	Nov.	4	1939	3007	
Darnum Creek	Mueller, Paul	Columbus	Mueller Pump	Irrig.	.06	36	17	1	Platte	Jan.	27	1940	3087	
Barnum Creek	Wagner, August	Columbus	Wagner Pump	Irrig.	1.08	32	17	1E	Platte	Oct.	10	1941	3517	
Beaver Creek	Quackenbush, J. W.	Albion	Pioneer Canal	Irrig.	3.57	22	20	6	Boone	Dec.	8	1894	287	
Beaver Creek	Long, Wm. M.	Genoa	Windmill Project	Irrig.	.14	14	17	4	Nance	Mar.	31	1896	277	
Beaver Creek	Consumers P. P. Dist.	Columbus	Albion Plant	Power	67.00	26	20	6	Boone	Oct.	3	1901	639	
Beaver Creek	Consumers P. P. Dist.	Columbus	St. Edward Plant	Power	130.00	27	19	5	Boone	Feb.	11	1911	1058	
Beaver Creek	Consumers P. P. Dist.	Columbus	Albion Plant	Power	70.00	26	20	6	Boone	Feb.	20	1917	1480	
Beaver Creek	Umbarger, Arthur	Genoa	Umbarger Pump	Irrig.	.99	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.	.38	20	19	5	Boone	June	19	1936	2582	
Beaver Creek	Battles, S. T.	Genoa	Battles Pump	Irrig.	.19	14	17	4	Nance	Oct.	21	1936	2647	
Beaver Creek	Kellner, Maurine H.	Los Angeles	Kellner Pump	Irrig.	.50	10	21	7	Boone	Dec.	1	1936	2665	
Beaver Creek	Delarm, Ara V.	Albion	Delarm Pump	Irrig.	.27	3	21	7	Boone	Mar.	26	1937	2722	
Beaver Creek	State Board of Control	Lincoln	Genoa State Hospital Canal	Irrig.	1.28	29	18	4	Nance	Apr.	21	1937	2735	
Beaver Creek	Myers, A. A.	Albion	Myers Pump	Irrig.	.71	1	20	7	Boone	Sept.	1	1937	2779	
Beaver Creek	Qualsett, Olaf	Petersburg	Qualsett Pump	Irrig.	.29	30	22	7	Boone	Nov.	16	1937	2803	
Beaver Creek	Watson, W. B.	Albion	Watson Pump	Irrig.	.44	16	19	5	Boone	Dec.	2	1937	2811	
Beaver Creek	Kent-Burke Company	Genoa	Genoa Ranch Canal	Irrig.	.29	24	17	4	Nance	Dec.	6	1937	2812	
Beaver Creek	Olson, Mrs. Frank	Genoa	Olson Pump	Irrig.	.47	15	17	4	Nance	Feb.	8	1938	2835	
Beaver Creek	Mansfield, F. E.	Albion	Mansfield Pumps	Irrig.	.38	36	20	6	Boone	Feb.	21	1938	2840	
Beaver Creek	Harris, Thomas	St. Edward	Harris Pump	Irrig.	.72	31	20	5						
Beaver Creek	Gillespie, H. H.	Boone	Gillespie Pump	Irrig.	.39	27	19	5	Boone	Mar.	8	1938	2843	
Beaver Creek	Gillespie, H. H.	Boone	Gillespie Pump	Irrig.	.59	8	19	5	Boone	Mar.	15	1938	2846	

Beaver Creek	Hunter, Elga B.	Albion	Hunter Pump	Irrig.	.52	10	21	7	Boone	Mar.	24	1938	2856
Beaver Creek	Battles, Newell H.	Genoa	Newell H. Battles Pump	Irrig.	.69	14	17	4	Nance	Oct.	27	1938	2893
Beaver Creek	Ohlson, C. L.	Petersburg	Ohlson Pump	Irrig.	1.39	4	21	7	Boone	May	25	1939	2926
Beaver Creek	Stretter, S. W.	Petersburg	Stretter Pump	Irrig.	.13	32	22	7	Boone	Aug.	14	1939	2950
Beaver Creek	Blough, L. N.	Petersburg	Blough Pump	Irrig.	.35	10	21	7	Boone	Sept.	21	1939	2969
Beaver Creek	Woodworth, Mark A.	Albion	Price Pump	Irrig.	.41	16	20	6	Boone	Feb.	27	1940	3096
Beaver Creek	Shaffer, C. J.	St. Edward	Shaffer Pump	Irrig.	.25	2	18	5	Boone	Apr.	10	1940	3132
Beaver Creek	Blough, L. N.	Petersburg	Blough Pump	Irrig.	.04	10	21	7	Boone	Apr.	18	1940	3140
Beaver Creek	Hall, Edward C.	St. Edward	Hall Pump No. 1	Irrig.	.66	12	18	5	Boone	Aug.	17	1940	3234
Beaver Creek	Carter, Chas. E., Est.	Overton	Carter Pump	Irrig.	.37	34	19	5	Boone	Apr.	21	1941	3430
Beaver Creek	Brown, C. H., Jr.	Albion	Brown Pump	Irrig.	1.02	17	20	6	Boone	Sept.	3	1941	3491
Beaver Creek	Choat, Clarence	St. Edward	Choat Pump	Irrig.	.60	28	19	5	Boone	Feb.	24	1942	3554
Beaver Creek	Evans, Chas.	Boone	Evans Pump	Irrig.	.50	21	19	5	Boone	Apr.	13	1943	3606
Beaver Creek	Rumstick, Mrs. Leona	Albion	Rumstick Pump	Irrig.	.50	26	20	6	Boone	Sept.	13	1943	3649
Beaver Creek	Self, Irene	Omaha	Self Pump	Irrig.	.52	20	19	5	Boone	Oct.	25	1943	3661
Beaver Creek	Gray, Raymond E.	Albion	Gray Pump	Irrig.	.87	7	20	6	Boone	Dec.	20	1943	3665
Beaver Creek	Jasa, Frank, Sr.	St. Edward	Jasa Pump	Irrig.	.66	21	19	5	Boone	Feb.	7	1944	3681
Beaver Creek	Carstenson, Lawrence P.	Columbus	Carstenson Pump	Irrig.	.13	17		4	Nance	Mar.	31	1944	3706*
Beaver Creek	Nielsen, E. M.	Columbus	Nielsen Pump	Irrig.	.14	17		4	Nance	Apr.	28	1944	3719*
Beaver Creek	Harris, F. C.	Monroe	Harris Pump	Irrig.	.9	19		5	Boone	Sept.	6	1944	3763*
Bogus Creek	Fisher, Fred	St. Edward	Fisher Pump	Irrig.	1.02	11	18	5	Boone	May	11	1937	2741
Bogus Creek	Hall, Edward C.	St. Edward	Hall Pump No. 2	Irrig.	.11	12	18	5	Boone	Sept.	5	1940	3255
Calamus River	Calamus Irrig. District	Harrop	Calamus Canal	Irrig.	121.18	5	24	20	Loup	Oct.	31	1925	1785
Calamus River	Calamus Irrig. District	Harrop	Calamus Reservoir	Storage	†650AF	5	24	20	Loup	June	8	1926	1816
Calamus River	Calamus Irrig. District	Harrop	Calamus Canal	Irrig.	4.86	5	24	20	Loup	Jan.	12	1927	1882
Calamus River	Phillipps, J. C., et al.	Burwell	Phillipps Pump	Irrig.	.53	25	25	21	Brown	June	13	1932	2273
Calamus River	Hesselgesser, Glen	Burwell	Hesselgesser Pump	Irrig.	.34	9	22	17	Loup	Oct.	28	1941	3527
Cedar River	Consumers P. P. Dist.	Columbus	Van Ackeren Plant	Power	290.00	5	18	7	Boone	May	1	1881	1049
Cedar River	Consumers P. P. Dist.	Columbus	Fullerton Plant	Power	200.00	11	16	6	Nance	Sept.	9	1901	636

† See appropriations under Mud (Beaver) Creek.

* Application pending.

† Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Cedar River	Consumers P. P. Dist.	Columbus	Ericson Plant	Power	175.00	25	21	12	Wheeler	May	24	1915	1415	
Cedar River	Consumers P. P. Dist.	Columbus	Ericson Plant	Rs. Dam	A-1415	25	21	12	Wheeler	May	17	1929	2081	
Cedar River	Consumers P. P. Dist.	Columbus	Fullerton Plant	Rs. Dam	250.00	11	16	6	Nance	Aug.	8	1922	1686	
Cedar River	Consumers P. P. Dist.	Columbus	Fullerton, Plant	Rs. Dam	A-636	11	16	6	Nance	Jan.	27	1925	1758	
Cedar River	Christensen, Chas.	Fullerton	Christensen Pump	Irrig.	A-1686	2.37	30	17	6	Nance	Sept.	29	1931	2240
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	Haggerty, John C.	Spalding	Haggerty Pump	Irrig.	.76	34	20	9	Greeley	July	20	1936	2592	
Cedar River	Kinnier, Susan, et al.	Spalding	Kinnier Pump	Irrig.	.57	28	20	9	Greeley	Aug.	17	1936	2617	
Cedar River	Dobson, W. H., et al.	Cedar Rapids	Herzinger Pump	Irrig.	1.11	25	19	8	Boone	Feb.	24	1937	2702	
Cedar River	Dobson, W. H.	Cedar Rapids	Dobson Pump	Irrig.	.98	23	19	18	Boone	Feb.	24	1937	2702R	
Cedar River	Puetz, John M.	Primrose	Puetz Pump	Irrig.	.65	17	19	8	Boone	Nov.	22	1937	2807	
Cedar River	Batenhorst, Mrs. Anna	Cedar Rapids	Batenhorst Pump	Irrig.	2.00	15	18	7	Boone	Dec.	29	1937	2819	
Cedar River	Warren, Viola L.	New York	Bevins Pump	Irrig.	.30	9	18	7	Boone	Jan.	25	1938	2830	
Cedar River	Scott, W. J.	Cedar Rapids	Scott Pump	Irrig.	.79	9	18	7	Boone	Jan.	25	1938	2830R	
Cedar River	Homan, John M.	Cedar Rapids	Homan Pump	Irrig.	.81	9	18	7	Boone	Feb.	7	1938	2834	
Cedar River	Scott, Leonard A.	Belgrade	Abbey Pump	Irrig.	.89	1	17	7	Nance	Oct.	4	1938	2887	
Cedar River	Noble, Leah E.	Lincoln	Noble Pump	Irrig.	.49	32	19	7	Boone	Nov.	19	1938	2895	
Cedar River	Cedar Valley Public Pow. and Irrig. Dist.	Cedar Rapids	Cedar Valley Canal	Irrig.		5	20	10	Greeley	Apr.	24	1939	2916a*	
Cedar River	Cedar Valley Public Pow. and Irrig. Dist.	Cedar Rapids	Cedar Valley Canal	Irrig.		5	20	16	Greeley	Apr.	24	1939	2916b*	
Cedar River	Cedar Valley Public Pow. and Irrig. Dist.	Cedar Rapids	Cedar Valley Canal	Irrig.		22	19	8	Boone	Apr.	24	1939	2916c*	
Cedar River	Cedar Valley Public Pow. and Irrig. Dist.	Cedar Rapids	Cedar Valley Res.	Storage		4	20	11	Greeley	May	11	1939	2921*	

Cedar River	Hodges, Herbert and Herbert F.	Fullerton	Hodges Pump	Irrig.	.23	31	17	6	Nance	Sept.	30	1939	2979
Cedar River	Vanderheiden, Louis L.	Cedar Rapids	Vanderheiden Pump	Irrig.	.41	5	18	7	Boone	Oct.	20	1939	2993
Cedar River	Lowery, J. B.	Burwell	Lowery Pump	Irrig.	.29	21	24	14	Garfield	Nov.	22	1939	3027
Cedar River	Palmer, George	Fullerton	Palmer Pump	Irrig.	.15	33	17	6	Nance	Dec.	15	1939	3051
Cedar River	McCart, Martha Y., et al	Coffeyville, Kansas	McCart-Frenzen Pumps	Irrig.	.53	29	17	6	Nance	Jan.	8	1940	3071
Cedar River	Foland, Ona B.	Anaheim, Calif.	Foland Pump	Irrig.	.51	26	18	7	Boone	Aug.	17	1940	3233
Cedar River	Homan, Peter N.	Cedar Rapids	Peter Homan Pump	Irrig.	.91	31	19	7	Boone	Sept.	9	1940	3257
Cedar River	Miller, Jacob	Primrose	Puetz-Miller Pump	Irrig.	1.51	17	19	8	Boone	Sept.	12	1940	3264
Cedar River	DeWulf, Gus	Cedar Rapids	DeWulf Pump	Irrig.	.26	15	18	7	Boone	Oct.	24	1940	3309
Cedar River	Homan, Mat.	Cedar Rapids	Mat Homan Pump	Irrig.	.20	31	19	7	Boone	Nov.	15	1940	3330
Cedar River	McKinney, Brayton F.	Omaha	Prudential Pump No. 1	Irrig.	.50	30	19	7	Boone	Feb.	14	1941	3390
Cedar River	Davis, William D.	Primrose	Davis Pump	Irrig.	.69	25	19	8	Boone	Sept.	10	1941	3499
Cedar River	Homan, John M.	Cedar Rapids	John Homan Pump	Irrig.	.08	9	18	7	Boone	Mar.	11	1942	3559
Cedar River	Diessner, Magnus A.	Spalding	Diessner Pump	Irrig.	.58	1	19	9	Greeley	Sept.	16	1943	3650
Cedar River	Thompson, D. C.	Spalding	Thompson Pump	Irrig.	.59	34	20	9	Greeley	Sept.	22	1943	3654
Cedar River	Paalman, Arend J.	Cedar Rapids	Paalman Pump	Irrig.	.44	22	18	7	Boone	Oct.	20	1943	3660
Cedar River	Grosse, Armin A.	Utica	Grosse Pump	Irrig.	.58	25	19	8	Boone	Nov.	18	1943	3662
Cedar River	Campbell, H. V.	Belgrade	Campbell Pump	Irrig.	.49	35	18	7	Nance	Feb.	7	1944	3682
Cedar River	Burnside, Mrs. Fannie	Belgrade	Burnside Pump	Irrig.	.58	22	18	7	Boone	Feb.	10	1944	3685
Cedar River	Zabka, Chas.	Belgrade	Zabka Pump	Irrig.	.24	35	18	7	Nance	Feb.	15	1944	3686
Cedar River	Walker, Fred G.	Cedar Rapids	Walker Pump	Irrig.		5	18	7	Boone	June	22	1944	3736
Cedar River	Casper, Jennie E.	Belgrade	Herzinger Pump	Irrig.		25	19	8	Boone	July	31	1944	3747*
Cedar River	Dobson, W. H.	Cedar Rapids	Dobson Pump	Irrig.		23	19	8	Boone	Aug.	16	1944	3752*
Clear Creek	Sherbeck, Albert I., Estate	Westerville	Sherbeck Pumps	Irrig.	4.13	5	16	17	Custer	Feb.	7	1927	1894
Clear Creek	Dean, Paul H.	Broken Bow	Sutton Pump	Irrig.	2.43	36	16	17	Custer	Oct.	18	1927	1962
Clear Creek	Lowery, Maurice T.	Mason City	Lowery 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	2040

"R" Denotes relocation.

* Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Clear Creek.....	Banker, Louis, Jr.....	Britt, Iowa.....	Banker Pump.....	Irrig.....	.13	36	14	16	Sherman.....	Mar.	30	1934	2370	
Clear Creek.....	Vansant and Scott.....	Ansley.....	Vansant-Scott Pump.....	Irrig.....	.96	27	17	18	Juster.....	Dec.	15	1933	2900	
Clear Creek.....	Heapy, Albert.....	Litchfield.....	Heapy Pump.....	Irrig.....	.15	10	14	16	Sherman.....	Nov.	2	1939	3004	
Clear Creek.....	Casteel, A.....	Ansley.....	Casteel Pump.....	Irrig.....	.93	1	16	18	Custer.....	Dec.	12	1939	3049	
Clear Creek.....	Heapy, Albert.....	Litchfield.....	Heapy Pump No. 2.....	Irrig.....	.17	10	14	16	Sherman.....	Jan.	9	1941	3364	
Clear Creek, Ravine Trib. to # Clear Creek.....	Welsh, W. M.....	Lincoln.....	Welsh Reservoir.....	Storage.....	†28AF	36	17	18	Custer.....	May	2	1941	3437	
	Glaser, Louis N.....	Spalding.....	Glaser Pump.....	Irrig.....	.99	31	21	10	Wheeler.....	June	7	1943	3616	
Coble Res.....	Coble, W. C.....	Whitman.....	High Line Canal.....	Supple. l.....	A-2525	20	28	35	Cherry.....	Oct.	10	1934	2574	
Cold Spring Cr.....	Ballweg, Michael.....	Spalding.....	Ballweg Pump.....	Irrig.....	.84	11	20	10	Greeley.....	Mar.	14	1940	3118	
Cold Spring Cr.....	Glaser, Joseph.....	Spalding.....	Glaser Pump.....	Irrig.....	.85	14	20	10	Greeley.....	Sept.	11	1942	3586	
Columbus Drain Ditch	Luchsinger, Ernst.....	Columbus.....	Luchsinger Pump.....	Irrig.....	1.23	9	17	1E	Platte.....	May	24	1940	3165	
Columbus Drain Ditch	Segelke, Bess.....	Columbus.....	Segelke Pump.....	Irrig.....	.54	8	17	1E	Platte.....	Mar.	5	1941	3408	
Cotton Creek.....	Olsen, James.....	Farwell.....	Olsen Pump.....	Irrig.....	.12	6	14	11	Howard.....	Oct.	25	1940	3311	
Cow Creek.....	Hanna, Don E.....	Brownlee.....	Homestead Canal.....	Irrig.....	2.29	7	26	27	Cherry.....	July	14	1894	194	
Dane Creek.....	Koupal, Frank.....	Ord.....	Koupal Canal.....	Irrig.....	.14	20	19	14	Valley.....	July	5	1912	1207	
Davis Creek.....	Christensen, Martin.....	Solvang, Calif.....	Christensen Pump.....	Irrig.....	.25	7	16	12	Howard.....	Aug.	4	1937	2769	

Dismal River.....	Van Antwerp, A. J., et al	Broken Bow.....	Dismal Canal.....	Irrig.....		21	21	26	Thomas.....	Aug.	18	1938	2880*
Duck Creek.....	Bartunek, Edward.....	Linwood.....	Bartunek Pump.....	Irrig.....	.41	23	17	4E	Butler.....	Sept.	23	1941	3509
Dutchman Creek (See Spg. Br.)													
Elm Creek.....	Rogers, Wilber A.....	Ord.....	Rogers Pump.....	Irrig.....	1.6S	25	19	14	Valley.....	Sept.	30	1929	2107
Elm Creek.....	Rutar, Joe, Jr.....	Ord.....	Joe Rutar Pump.....	Irrig.....	.16	24	19	14	Valley.....	June	12	1943	3619
Elm Creek.....	Murray, E. S.....	Ord.....	Murray Pump.....	Irrig.....		25	19	14	Valley.....	Aug.	18	1944	3753
Fish Creek.....	Boilesen, Chris.....	Cotesfield.....	Boilesen Pumps.....	Irrig.....	.15	1	16	12	Howard.....	Dec.	19	1940	3355
							6	11					
Goose Creek.....	Erickson, P. C. and J. M.	Brewster.....	Erickson Canal.....	Irrig.....	8.00	18	25	24	Brown.....	Apr.	3	1895	209
Goose Creek.....	Giles, R. P., et al.....	Elsmere.....	Giles Canal.....	Irrig.....	10.00	2	25	25	Cherry.....	June	1	1895	187
Goose Creek.....	Crook, F.....	Giles.....	Crook Canal.....	Irrig.....	6.80	33	25	24	Brown.....	June	2	1896	345
Goose Creek.....	Pink, C. E.....	Elsmere.....	Empire Ranch Canal.....	Irrig.....	1.62	35	26	25	Cherry.....	June	11	1934	2405
Goose Creek.....	Giles, Richard, et al.....	Elsmere.....	Giles Canal.....	Irrig.....		35	26	25	Cherry.....	Aug.	14	1934	2462b*
Gracie Creek.....	Shoemaker, A. E.....	Burwell.....	Gracie High Line Canal	Irrig.....	.29	29	23	17	Loup.....	July	9	1897	397
Ground Water.....	Myers, Morris E.....	Eddyville.....	Myers Well.....	Irrig.....		16	14	20	Custer.....	Sept.	3	1940	3253*
Ground Water.....	The Prudential Ins. Co.	Omaha.....	Prudential Well.....	Irrig.....		21	18	2E	Colfax.....	July	25	1941	3463*
Ground Water.....	The Prudential Ins. Co.	Omaha.....	Prudential Well.....	Irrig.....		6	15	18	Custer.....	July	25	1941	3469*
Ground Water.....	The Prudential Ins. Co.	Omaha.....	Prudential Well.....	Irrig.....		21	18	2E	Colfax.....	July	25	1941	3470*
Ground Water.....	Lewin, Inez F.....	Arcadia.....	Lewin Well.....	Irrig.....		36	17	17	Custer.....	Oct.	6	1941	3514*
Ground Water.....	Craft, Burt.....	North Loup.....	Craft Pump.....	Irrig.....		6	17	12	Greeley.....	Jan.	11	1943	3593*
Ground Water.....	Tomek, Phillip A.....	David City.....	Tomek Well.....	Irrig.....		12	16	2	Butler.....	Apr.	9	1943	3605*
Ground Water.....	Patterson, Kenneth O.....	Primrose.....	Patterson Well.....	Irrig.....		15	19	8	Boone.....	Oct.	7	1943	3657*
Ground Water.....	Patterson, Catherine.....	Primrose.....	Patterson Well.....	Irrig.....		4	19	8	Boone.....	Oct.	7	1943	3658*

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

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

* Application pending.

† Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Ground Water	Benham, Emma L.	Albion	Benham Well	Irrig.		31	19	7	Boone	Oct.	15	1943	—	3659*
Ground Water	Rinder, H. A.	Columbus	Rinder Well	Irrig.		19	19	2	Platte	Feb.	16	1944	—	3687*
Ground Water	Bryan, Laurence M.	St. Edward	Bryan Well	Irrig.		28	19	5	Boone	Feb.	16	1944	—	3688*
Ground Water	Nielsen, E. M.	Columbus	Nielsen Well	Irrig.		33	17	1	Platte	May	12	1944	—	3725*
Ground Water	Choat, Elmer	St. Edward	E. Choat Well	Irrig.		16	19	5	Boone	Sept.	7	1944	—	3764*
Ground Water	Choat, M. L.	St. Edward	Choat Well	Irrig.		4	19	5	Boone	Sept.	9	1944	—	3765*
Homan Creek	Homan, Matt.	Cedar Rapids	Homan Pump	Irrig.	1.40	31	19	7	Boone	Jan.	6	1938	—	2820
Lake Creek	Toman, Joseph C.	St. Paul	Toman Lake	Resort	†15AF	36	15	10	Howard	Nov.	11	1936	—	2658
Lillian Creek	Davis, Frank J.	Broken Bow	Davis Pump	Irrig.	4.90	1	19	20	Custer	Feb.	7	1927	—	1895
Lillian Creek	Phillips, Seba E.	Gates	Myers Canal	Irrig.	.11	15	19	20	Custer	Aug.	30	1927	—	1956
Looking Glass Creek	Gerrard, E. A. and F. H.	Monroe	Monroe Canal	Irrig.	2.86	1	17	3	Platte	June	12	1894	289	—
Looking Glass Creek	Christman, Minnie	Monroe	Christman Pump	Irrig.	.94	5	17	3	Platte	July	26	1941	—	3472
Loseke Creek	Klug, Arthur and Emil	Columbus	Klug Pump	Irrig.	.27	13	18	1E	Platte	Nov.	2	1939	—	3005
Lost Creek (Warm Slough)	Kolouch, Fred	Schuyler	Dworak Pump	Irrig.	1.30	28	17	3E	Colfax	Oct.	12	1928	—	2041
Lost Creek (Slough)	Ballon, James	Schuyler	Ballon Lake	Resort	†14AF	29	17	3E	Colfax	June	11	1934	—	2406
Lost Creek	Ballon, James	Schuyler	Ballon Pump	Irrig.	.91	29	17	3E	Colfax	Aug.	28	1936	—	2628
Lost Creek	City of Schuyler	Schuyler	Community Park Lake	Resort	†15AF	21	17	3E	Colfax	May	15	1937	—	2742

Lost Creek	Reisch, Mary	Springfield, Ill.	Reisch Pump	Irrig.	.51	21	17	2E	Colfax	Jan.	7	1938	2824
Lost Creek	Oehlich, Herman, et al	Columbus	Oehlich Pump	Irrig.	.76	20	17	2E	Colfax	Nov.	15	1939	3018
Lost Creek	Siefken, John H.	Columbus	Siefken Pump	Irrig.	.25	30	17	2E	Colfax	Dec.	15	1939	3054
Lost Creek	Hellbusch, Herman	Columbus	Hellbuser Pump	Irrig.	.57	18	17	1E	Platte	Dec.	18	1939	3059
Lost Creek	Shuster, Leonard	Schuyler	Shuster Pump	Irrig.	1.66	23	17	3E	Colfax	Sept.	17	1941	3507
Lost Creek	Oberg, George A.	Schuyler	Oberg Pump	Irrig.		21	17	2E	Colfax	May	5	1944	3722*
Lost Creek	Sheldon, Blanche	Columbus	Sheldon Pump	Irrig.		11	17	1	Platte	May	9	1944	3724
Loup River	Loup River Public Power District	Columbus	Columbus-Genoa Power Canal	Power	3500.00	6	16	4	Nance	Sept.	15	1932	2287**
Loup River	Loup River Public Power District	Columbus	Columbus-Genoa Power Canal	Increase Head	A-2287	6	16	4	Nance	Apr.	4	1936	2573
Loup River	Forbes, J. A.	Palmer	Forbes Pump	Irrig.	.16	16	15	8	Nance	Oct.	18	1939	2989
Loup River	Sheldon, Charles H.	Columbus	Sheldon Pump No. 2	Irrig.	.15	25	17	1	Platte	Nov.	4	1939	3008
Loup River	Carter, Kathryn	Columbus	Columbus-Genoa Power Canal	Irrig.	.70	6	16	4	Nance	Feb.	23	1940	3093
Loup River	Forbes, J. A.	Palmer	Forbes Pump	Irrig.	.57	16	15	8	Nance	June	4	1940	3171
Loup River	Santin and Vaughn	Fullerton	Santin-Vaughn Pump	Irrig.	2.30	6	15	6	Nance	Aug.	8	1940	3227
Loup River	Paulsen, G. W.	Palmer	Paulsen Pump	Irrig.	.29	12	15	9	Howard	May	7	1941	3440
Loup River	Swanson, J. S.	St. Paul	Swanson Pump	Irrig.	1.59	32	14	10	Howard	Nov.	22	1941	3533
Loup River	Schubert, Max Franz	Palmer	Schubert Pump	Irrig.	.16	7	15	8	Merrick	Jan.	8	1942	3543
Loup River	Twin Valley Irrig. Ass'n.	St. Paul	St. Paul Reservoir	Storage		9	15	9	Howard	June	28	1944	3740*
Loup River, Slough, Trib. to	Hunter, Helen S.	Columbus	Hunter Pump	Irrig.		15	17	1	Platte	June	22	1944	3735
Loup R., Middle	Consumers P. P. Dist.	Columbus	Lundy Mill and Power Plant	Power	200.00	4	19	19	Custer	Aug.	1	1886	1024
Loup R., Middle	Muhlbach, Fred	Mullen	Mullen Grist and Light Plant	Power	124.00	6	24	32	Hooker	Mar.	12	1912	1185
Loup R., Middle	St. Paul Ejec. Light Works	St. Paul	St. Paul Plant	Power	2000.00	3	14	10	Howard	Aug.	12	1912	1216

* Application pending.

† Reservoir capacity alleged by applicant.

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

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

110

REPORT OF THE STATE ENGINEER

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of			Date of			Doc. No.	App. No.
						Diversion or Dam			Priority				
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Loup R., Middle.	Consumers P. P. Dist.	Columbus	Lundy Mill and Power Plant	Rs. dam D-1024	400.00	4	19	19	Custer	Sept.	16	1912	1224
Loup R., Middle.	U. S. of America	Halsey	Bessey Nursery Canal	Irrig.	1.00	3	22	26	Thomas	Sept.	16	1912	1226
Loup R., Middle.	Holmes, Ted W., et al.	Milburn	Loup Valley Canal	Irrig.	.86	36	20	21	Custer	May	31	1913	1294
Loup R., Middle.	Consumers P. P. Dist.	Columbus	Boelus Power Canal	Power	1000.00	30	13	12	Howard	July	14	1914	1373
Loup R., Middle.	C. B. & Q. R. R. Co.	Lincoln	Seneca Pipe Line	Dom.	.50	18	24	30	Thomas	Dec.	28	1914	1396
Loup R., Middle.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Arcadia Plant	Power		35	18	17	Custer	Apr.	4	1927	1918*
Loup R., Middle.	Knapp, Harry R.	Broken Bow	Knapp Pump	Irrig.	5.49	32	15	14	Sherman	July	18	1927	1943
Loup R., Middle.	Klausen, Paul, Estate	Rockville	Klausen Canal	Irrig.	2.17	36	14	14	Sherman	Aug.	14	1929	2005
Loup R., Middle.	Kowalski, Peter J.	Loup City	John Canal	Irrig.	.59	18	15	14	Sherman	Sept.	18	1929	2105
Loup R., Middle.	Obermiller, John H.	Farwell	Obermiller Pump	Irrig.	.97	28	13	12	Howard	May	7	1930	2139
Loup R., Middle.	Haesler, John	Loup City	Haesler Pump	Irrig.	1.75	13	15	15	Sherman	July	27	1931	2222
Loup R., Middle.	U. S. Forest Service	Halsey	Bessey Nursery Canal	Irrig.	.30	3	22	26	Thomas	July	30	1931	2223
Loup R., Middle.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Canal No. 1 (South)	Irrig.	26.83	10	19	18	Custer	Dec.	28	1932	2293**
			Canal No. 2 (North)	Irrig.	61.00	10	19	18	Custer	Dec.	28	1932	2293**
			Canal No. 3	Irrig.	126.60	1	17	17	Custer	Dec.	28	1932	2293**
			Canal No. 4	Irrig.	84.58	36	18	17	Custer	Dec.	28	1932	2293**
Loup R., Middle.	Books, William J.	Broken Bow	Books Pump	Irrig.	1.36	36	20	21	Custer	July	8	1933	2230
Loup R., Middle.	Leininger, John P.	Loup City	Leininger Pump	Irrig.	.93	12	15	15	Sherman	June	2	1934	2395
Loup R., Middle.	McMillan, Thos. Wright, et al	Broken Bow	Rankin Canal	Irrig.	14.59	4	21	23	Blaine	Sept.	22	1934	2477
Loup R., Middle.	McMillan, Thos. Wright, et al	Broken Bow	McMillan Canal	Irrig.	6.97	23	21	22	Blaine	Sept.	22	1934	2477R
Loup R., Middle.	Middle Loup Public Power & Irrig. Dist.	Arcadia	Canal No. 1 (South)	Irrig.	3.00	10	19	18	Custer	Jan.	4	1937	2678
			Canal No. 2 (North)	Irrig.	7.93	10	19	18	Custer	Jan.	4	1937	2678
			Canal No. 3	Irrig.	4.00	1	17	17	Custer	Jan.	4	1937	2678
			Canal No. 4	Irrig.	14.68	36	18	17	Custer	Jan.	4	1937	2678

Loup R., Middle	McMillan, Thos. Wright, et al	Broken Bow	McMillan Canal	Irrig.	8.21	23	21	22	Blaine	Oct.	22	1937	2797
Loup R., Middle	Vandeventer, A.	Dunning	A. Vandeventer Pump	Irrig.	1.10	30	22	24	Blaine	Oct.	7	1938	2888
Loup R., Middle	Sargent Public Irrig. District	Sargent	Milburn-Sargent Canal	Irrig.	109.74	15	21	22	Blaine	Sept.	23	1939	2970
Loup R., Middle	Drobny, Lad.	Martin, S. D.	Drobny Pump	Irrig.	1.28	35	18	17	Custer	Oct.	23	1939	2995
Loup R., Middle	Game, Forestation and Parks Commission	Lincoln	Loup City State Lake	Resort	†140AF	11	15	15	Sherman	Dec.	15	1939	3052
Loup R., Middle (Broadmouth Canyon)	Sargent Public Irrig. District	Sargent	Broadmouth Reservoir	Storage	†1334AF	15	21	22	Blaine	Mar.	6	1940	3105
Loup R., Middle (Winnegar Canyon)	Sargent Public Irrig. District	Sargent	Winnegar Reservoir	Storage	†1530AF	15	21	22	Blaine	Mar.	6	1940	3106
Loup R., Middle	Lundy, Laura E.	Lincoln	Doris Lake Canal	Irrig.	1.23	4	19	19	Custer	June	25	1940	3190
Loup R., Middle	Ogle, Arthur C.	Loup City	Ogle Pump	Irrig.	.31	4	14	14	Sherman	Sept.	3	1940	3250
Loup R., Middle	Fisher, Hattie	Ravenna	Fisher Pump	Irrig.	.36	25	13	13	Sherman	Oct.	24	1940	3307
Loup R., Middle	Hedglin, E. L., Estate	Eddyville	Hedglin Pump	Irrig.	.28	27	13	12	Howard	Dec.	2	1940	3338
Loup R., Middle	The Travelers Ins. Co.	Hartford, Conn.	Travelers Ins. Co. Pump	Irrig.	.42	16	14	14	Sherman	Jan.	15	1941	3368
Loup R., Middle	Lemburg, W. H.	Boelus	Lemburg Pump	Irrig.	.49	29	13	11	Howard	Jan.	8	1942	3542
Loup R., Middle	Hadenfeldt, William	Dannebrog	Hadenfeldt Pump	Irrig.	.19	28	13	11	Howard	June	10	1942	3575
Loup R., Middle	Leonard, Jess Calvin, Estate	Oklahoma City Oklahoma	Leonard-Hiatt Pump	Irrig.	.09	10	19	18	Custer	Jan.	8	1944	3669
Loup R., Middle	Ohme, Otto F.	Mitchell	Ohme Pump	Irrig.	1	17		17	Custer	Mar.	27	1944	3703*
Loup R., Middle	Seeber, Henry T.	Dix	Seeber Pump	Irrig.	29	13		12	Howard	Apr.	4	1944	3708
Loup R., Middle	Twin Valley Irrig. Ass'n	St. Paul	Fullerton South Canal	Irrig.	36	15		10	Howard	June	28	1944	3739*
Loup R., Middle, Ravine, Trib. to	White, Allen	St. Paul	White Reservoir	Storage	5	14		10	Howard	Oct.	29	1940	3313*
Loup R., Middle, Springs, Trib. to	Ash, Silas	Comstock	Ash Pump	Irrig.	.34	13	19	18	Custer	Dec.	11	1939	3044
Loup R., Middle, Springs, Trib. to	Erikson, G. Iver	Comstock	Erikson Pump	Irrig.	15	18		17	Custer	Apr.	17	1944	3714

* Application pending.

** By stipulation entered into by each of the following districts: The Loup River Public Power District is subsequent in priority to Application 2233 filed by the Middle Loup Public Power and Irrigation District, and Application 2312 filed by the North Loup River Public Power and Irrigation District. See Supreme Court Opinion Number 31410.

† "R" Denotes relocation.

‡ Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Loup R., North	Naab, J. Peter	Burwell	Naab Pump	Irrig.	1.40	28	21	17	Loup	Aug.	3	1929	2091	
Loup R., North	Anderson Brothers Irrig. Company	Hastings	Anderson Pump	Irrig.	5.17	7	15	9	Howard	Apr.	5	1930	2131	
Loup R., North	Smith, Evet A., et al.	Ord	Smith Pump	Irrig.	2.25	9	19	14	Valley	Aug.	6	1930	2154	
Loup R., North	Mortensen, Crawford J.	Ord	Taylor-Ord Canal	Irrig.	1.94	13	21	19	Loup	Aug.	8	1930	2155R	
Loup R., North	Stewart, Wm. J.	Ord	Stewart Pump	Irrig.	.54	9	19	14	Valley	Aug.	11	1930	2158	
Loup R., North	Blomquist, O. V.	Walla Walla, Wash.	Blomquist Pump	Irrig.	.83	16	15	10	Howard	Nov.	26	1930	2178	
Loup R., North	Sailing, Ira L.	Cushing	Sailing Pump	Irrig.	.86	7	15	9	Howard	Jan.	14	1931	2187	
Loup R., North	Cox, R. K.	Purdum	Cox Pumps	Irrig.	4.87	9	24	25	Blaine	Feb.	25	1932	2255	
Loup R., North	Newton Irrig. Dist.	Moulton	Newton Canal	Irrig.	19.28	35	23	21	Blaine	Mar.	18	1932	2263	
Loup R., North	North Loup River Public Power and Irrig. District	Ord	Taylor-Ord Canal	Irrig.	120.18	13	21	19	Loup	Mar.	28	1933	2312**	
			Ord-North Loup Canal	Irrig.	55.65	22	19	14	Valley	Mar.	28	1933	2312**	
			Burwell-Sumter Canal	Irrig.	62.17	14	21	16	Garfield	Mar.	28	1933	2312**	
Loup R., North	Tetschner, Frank	Burwell	Tetschner Pump	Irrig.	.21	14	21	16	Garfield	May	24	1933	2323	
Loup R., North	City of Ord	Ord	Municipal Pipe Line	Dom.	1.00	22	19	14	Valley	Jan.	5	1934	2349	
Loup R., North	Cole, W. B., et al.	Taylor	Taylor-Ord Canal	Irrig.	1.31	13	21	19	Loup	July	6	1934	2417K	
Loup R., North	Bales, Henry A.	Burwell	Eales Pump	Irrig.	.65	11	21	16	Garfield	July	14	1934	2427	
Loup R., North	Ford, Chas. F.	Taylor	Wells Pump	Irrig.	.74	20	21	18	Loup	Aug.	6	1934	2455	
Loup R., North	Britton, Jack	Burwell	Britton Pump	Irrig.	1.00	26	21	18	Loup	Aug.	20	1934	247	
Loup R., North	Almeria Public Power and Irrig. District	Almeria	Almeria Canal	Irrig.	12.09	10	22	20	Loup	Aug.	28	1934	2469	
Loup R., North	Coble, W. C.	Whitman	Coble Canal	Irrig.	.48	20	28	35	Cherry	Oct.	10	1934	2485	
Loup R., North	Coble, W. C.	Whitman	Coble Reservoir	Storage.	†41A	F	20	28	35	Cherry	Oct.	10	1934	2486
Loup R., North	Miller, Clinton J.	Ord	Krebs Canal	Irrig.	1.75	27	17	12	Greeley	Feb.	26	1935	2520	
Loup R., North	Coble, W. C.	Whitman	High Line Canal	Irrig.	1.32	20	28	35	Cherry	Mar.	12	1935	2525	
Loup R., North	Ferguson, Robert W.	Brewster	Ferguson Pump	Irrig.	1.32	36	23	21	Blaine	Sept.	8	1936	2635	
Loup R., North	Wells and Kilpatrick	Cotesfield	Wells-Kilpatrick Pump	Irrig.	.12	12	16	12	Howard	Nov.	14	1936	2660	
Loup R., North	Rusho, Robert	Taylor	Rusho Pump	Irrig.	1.11	33	22	19	Loup	Apr.	8	1937	2729	

Loup R., North	Pemberton, Jas. H. Est.	Palmer	Pemberton Pump	Irrig.	.46	2	16	12	Howard	Sept.	27	1937	2790
Loup R., North	Blomquist, O. V.	Walla Walla, Wash.	Blomquist Pump	Irrig.	.11	16	15	10	Howard	Nov.	27	1937	2808
Loup R., North	Van Diest, A. C.	Taylor	Newton Canal	Irrig.	2.22	35	23	21	Blaine	Apr.	26	1938	2863
Loup R., North	Almeria Public Power and Irrig. Dist.	Almeria	Almeria Canal	Irrig.	13.65	10	22	20	Loup	Apr.	29	1938	2868
Loup R., North	Cole, W. B., et al.	Taylor	Almeria Canal	Irrig.	6.46	10	22	20	Loup	Apr.	30	1938	2869
Loup R., North	Van Diest, A. C.	Taylor	Van Diest Pump	Irrig.	.89	24	21	17	Loup	May	12	1938	2874
Loup R., North	Newton Irrig. Dist.	Moulton	Newton Irrig. Canal	Irrig.	.86	35	23	21	Blaine	May	29	1939	2927
Loup R., North	Wegner, F. C.	Palmer	Krebs Pump	Irrig.	.70	22	17	12	Greeley	Nov.	29	1939	3032
Loup R., North	Lakin, Glenn C.	Burwell	Lakin Pump	Irrig.	.24	14	21	16	Garfield	Apr.	15	1940	3137
Loup R., North	City of Ord	Ord	Bussell Park Lake	Resort		13	21	19	Loup	Apr.	27	1940	3144*
Loup R., North	McOstrich, Darrell B.	Ord	McOstrich Pump	Irrig.	.22	30	19	13	Valley	June	4	1940	3177
Loup R., North	North Loup River Public Power and Irrig. District	Ord	Taylor-Ord Canal	Irrig.		13	21	19	Loup	July	25	1940	3215a*
			Burwell-Sumter Canal	Irrig.		14	21	16	Garfield	July	25	1940	3215b*
			Ord-North Loup Canal	Irrig.		22	19	14	Valley	July	25	1940	3215c*
Loup R., North	Anderson, Fred	Cushing	Anderson Pump	Irrig.	.25	17	15	10	Howard	Sept.	1	1942	3584
Loup R., North	Koelling, Mrs. Lydia P.	Ord	Ord-North Loup Canal	Irrig.		22	19	14	Valley	Jan.	12	1944	3672*
Loup R., North	Meyers, Charles	Burwell	Burwell-Sumpter Canal	Irrig.		14	21	16	Garfield	Mar.	9	1944	3697*
Loup R., North	Thomas, Vernon M.	North Loup	Thomas Pump	Irrig.		19	18	12	Greeley	June	13	1944	3730
Loup R., North	Twin Valley Irrig. Ass'n	St. Paul	Scotia-St. Paul Canal	Irrig.		27	19	13	Valley	June	28	1944	3738a*
Loup R., North	Twin Valley Irrig. Ass'n	St. Paul	Fullerton North Canal	Irrig.		13	15	11	Howard	June	28	1944	3738b*
Loup R., North	Cook, W. J.	North Loup	Cook Pump	Irrig.		30	18	12	Greeley	Aug.	28	1944	3759
Loup R., North	Radke, Adam I.	Big Springs	Radke Pump	Irrig.		23	20	15	Valley	Sept.	23	1944	3768*
Loup R., North	Farrell, L. R.	Scotia	Farrell Pump	Irrig.		16	17	12	Greeley	Sept.	26	1944	3769*
Loup R., North	Kent, Lulu	Burwell	Kent Pump	Irrig.	.05	29	21	15	Garfield	Oct.	5	1936	2644
	Tributary to												
Loup R., South	Callaway Electric Co.	Callaway	Callaway Mill	Power	\$3.00	2	15	23	Custer	Oct.	1	1889	988
Loup R., South	Tillson, W. Z.	Poole	Tillson Canal	Irrig.	15.57	29	12	15	Buffalo	Dec.	28	1894	236
Loup R., South	Boblitz, E. J.	Oconto	Boblitz Canal	Irrig.	.50	10	14	21	Custer	Jan.	17	1895	219a

"R" Denotes relocation.

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

†Reservoir capacity alleged by applicant.

*Application pending.

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

Source	Name of Appropriator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Loup R., South	Hoblitz, E. J.	Oconto	Hoblitz Canal	Power	20.00	10	14	21	Custer	Jan.	17	1895	219b	----
Loup R., South	Brown, A. D.	Milldale	Brown Canal	Irrig.	.86	31	17	24	Custer	Feb.	23	1897	----	363
Loup R., South	Hartzell, B. F.	Logan	Hartzell Canal	Irrig.	.37	27	18	26	Logan	May	18	1897	----	390
Loup R., South	C. B. & Q. R. R. Co.	Lincoln	Ravenna Pipe Line	Dom.	.50	9	12	14	Buffalo	Dec.	24	1914	----	1393
Loup R., South	Central Power Co.	Grand Island	Grand Island Plant	Power	\$40.00	35	13	12	Howard	Jan.	18	1915	----	1400
Loup R., South	Perkins, Mrs. Ethel	Arnold	Perkins Canal	Irrig.	3.77	25	17	25	Custer	Mar.	30	1928	----	1994
Loup R., South	Shaw, Orren	Callaway	Finch Pump	Irrig.	2.30	9	16	24	Custer	Sept.	27	1928	----	2037
Loup R., South	Quest, C. E.	Boelus	Quest Canal	Irrig.	1.55	33	13	12	Howard	June	13	1930	----	2143
Loup R., South	Ruth, Fred	Ravenna	Roth Pump	Irrig.	.57	5	12	13	Buffalo	June	7	1934	----	2400
Loup R., South	Wall, R. V.	Logan	Wall Pump	Irrig.	.32	35	18	26	Logan	June	18	1934	----	2410
Loup R., South	May, Jesse S.	Callaway	May Pump	Irrig.	.75	15	15	22	Custer	Apr.	8	1937	----	2730
Loup R., South	Turley, F. E.	Arnold	Turley Pump	Irrig.	.32	6	16	24	Custer	May	7	1937	----	2740
Loup R., South	Pressey, H. E.	Oconto	Pressey Pump No. 2	Irrig.	.19	10	14	21	Custer	Feb.	28	1938	----	2841
Loup R., South	Smith, Lizzie B.	Long Beach, California	Smith Pump	Irrig.	.77	16	15	22	Custer	Nov.	22	1939	----	3029
Loup R., South	Horn, Mrs. Chas. R.	Broken Bow	Wallace Pump	Irrig.	1.23	32	15	21	Custer	Feb.	7	1940	----	3089
Loup R., South	Van Cleave, R. Harlen	Callaway	Bogue Pump	Irrig.	1.23	7	15	22	Custer	May	10	1940	----	3151
Loup R., South	Prudential Ins. Co.	Omaha	Dunn Pump	Irrig.	.45	10	14	21	Custer	June	21	1940	----	3186
Loup R., South	Glendy, Carl	Oconto	Glendy Pump	Irrig.	.66	13	14	21	Custer	July	6	1940	----	3195
Loup R., South	Hunter, Robert A.	Pleasanton	Hunter-Bateman Pump	Irrig.	4.07	2	11	16	Buffalo	July	16	1940	----	3202
Loup R., South	Devine, Frank	Oconto	Devine Pump	Irrig.	2.61	17	14	26	Custer	July	23	1940	----	3208
Loup R., South	Glendy, Leonard O.	Oconto	L. O. Glendy Pump	Irrig.	.25	13	14	21	Custer	July	26	1940	----	3218
Loup R., South	Popp, John	Mason City	Popp Pump	Irrig.	.26	23	13	19	Custer	July	29	1940	----	3220
Loup R., South	Myers, Morris E.	Eddyville	Myers Pump	Irrig.	.93	20	14	20	Custer	Aug.	14	1940	----	3231
Loup R., South	Lea, Joe W.	Pleasanton	Lea Pump	Irrig.	.08	35	12	16	Buffalo	Oct.	7	1940	----	3252
Loup R., South	Glendy, Carl	Oconto	Glendy Pump	Irrig.	.27	13	14	21	Custer	Oct.	11	1940	----	3290
Loup R., South	Weaver, W. L.	Oconto	Weaver Pump	Irrig.		24	15	22	Custer	Nov.	19	1940	----	3332*
Loup R., South	Harse, James W.	Miller	Harse Pump	Irrig.		5	12	18	Buffalo	Jan.	22	1941	----	3376*
Loup R., South	Michelson, James A.	Grand Island	Michelson Pump	Irrig.	1.69	35	13	12	Howard	Mar.	31	1943	----	3603
Loup R., South	Eggleston, Lige L.	Oconto	Eggleston Pump	Irrig.	.55	14	14	21	Custer	Sept.	1	1943	----	3637

Loup R., South	Richards, Robert	Callaway	Richards Pump	Irrig.		34	16	23	Custer	Jan.	4	1544	3668	
Loup R., South Springs, Trib. to	State Game and Parks Commission	Lincoln	Ravenna State Lake	Resort	†80AF	9	12	14	Buffalo	Sept.	15	1939	2964	
Messenger Creek	Bartz, Paul	North Loup	Bartz Pump	Irrig.		24	26	19	Valley	Dec.	20	1934	2501	
Miller Res.	Federal Land Bank	Omaha	Miller Canal	Irrig.		35	34	11	Howard	Jan.	20	1934	2476	
Mira Creek	McClellen, C. W.	North Loup	Mira Reservoir	Storage	†14AF	26	18	13	Valley	Mar.	8	1912	1182	
Mira Creek	Hutchins, W. T.	North Loup	Hutchins Dam	Irrig.		.03	26	18	Valley	Apr.	18	1916	1453	
Mira Res.	McClellen, C. W.	North Loup	McClellan Pumps	Irrig.			26	18	Valley	Mar.	8	1912	1239	
Morris Res.	Morris, E. O.	Ansley	Morris Canal	Irrig.			9	15	18	Custer	Feb.	18	1941	3395
Mortensen Res.	Travelers Ins. Co.	Omaha	Mortensen Canal	Irrig.		21	14	11	Howard	Aug.	31	1931	2251	
Mud (Beaver) Cr.	Ravenna Mills	Ravenna	Ravenna Mills	Power		8	12	14	Buffalo				1037*	
Mud (Beaver) Cr.	Benson, C. W.	Litchfield	Litchfield Mills	Power		33	14	16	Sherman				999*	
Mud (Beaver) Cr.	Mason City Roller Mill and Light Plant	Mason City	Mason City Mill and Light Plant	Power		31	15	17	Custer				1042*	
Mud (Beaver) Cr.	Penn, Chas.	Broken Bow	Penn Canal	Irrig.		.50	33	17	20	Custer	Aug.	14	1894	215
Mud (Beaver) Cr.	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Water Supply	Dom.		1.00	8	12	14	Buffalo	July	26	1919	1550
Mud (Beaver) Cr.	Grämmer, Mrs. Sarah F.	Kearney	Lang Pump	Irrig.		1.21	13	14	17	Custer	Aug.	20	1926	1848
Mud (Beaver) Cr.	Skochdopole, Ernest	Ravenna	Skochdopole Pump	Irrig.		2.10	1	12	15	Buffalo	Nov.	8	1926	1871
Mud (Beaver) Cr.	Wilson, Otis N.	Litchfield	Wilson Pump	Irrig.		.51	14	14	17	Custer	Dec.	10	1926	1879
Mud (Beaver) Cr.	Vansant, J. A.	Broken Bow	Vansant Pump	Irrig.		.27	33	17	20	Custer	Dec.	13	1926	1880
Mud (Beaver) Cr.	Sorensen, U.	Berwyn	Sorensen Pump	Irrig.		1.00	21	16	19	Custer	Jan.	14	1927	1884
Mud (Beaver) Cr.	Willoughby, C. D.	Mason City	Willoughby Pump	Irrig.		1.10	34	15	17	Custer	Feb.	8	1927	1896
Mud (Beaver) Cr.	Yanda, Geo. J.	Ravenna	Yanda Pumps	Irrig.		.90	8	12	14	Buffalo	Apr.	4	1927	1920
Mud (Beaver) Cr.	Duke, R. H., et al	Mason City	Duke Pump	Irrig.		2.41	31	15	17	Custer	Nov.	10	1928	2051
Mud (Beaver) Cr.	Hammond, Wm. E.	Broken Bow	Yeoman Pump	Irrig.		.47	18	16	19	Custer	Jan.	3	1929	2059

* Application pending, or claim not adjudicated.

† Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of			Date of			Doc. No.	App. No.
						Diversion or Dam			Priority				
						Sec.-ft.	S	T R	County	Mo.	D			Yr.
Mud (Beaver) Cr.	Tracy, R. N.	Mason City	Tracy Pump	Irrig.	.13	32	15	17	Custer	Apr.	23	1929	2079
Mud (Beaver) Cr.	Slote, E. A.	Litchfield	Slote Pump	Irrig.	.64	33	14	16	Sherman	May	31	1934	2391
Mud (Beaver) Cr.	Haller, H. F.	Litchfield	Haller Pump	Irrig.	.71	19	14	16	Sherman	July	13	1934	2423
Mud (Beaver) Cr.	Lang, J. R.	Litchfield	Lang Pump	Irrig.	1.25	13	14	17	Custer	July	27	1934	2445
Mud (Beaver) Cr.	Dietrich, Catherine, et al	Ravenna	Dietrich Pump	Irrig.	1.26	4	12	15	Buffalo	Aug.	16	1934	2464
Mud (Beaver) Cr.	Perry, John J.	Sweetwater	Perry Pump	Irrig.	.47	3	12	15	Buffalo	Aug.	21	1936	2620
Mud (Beaver) Cr.	Amsberry, Rollie	Mason City	Amsberry Pump	Irrig.	.22	22	15	18	Custer	Jan.	26	1937	2684
Mud (Beaver) Cr.	Amsberry, Emma	Mason City	Amsberry Pump	Irrig.	.56	23	15	18	Custer	Sept.	18	1937	2789
Mud (Beaver) Cr.	Hall, John	Ansley	Hall Pump	Irrig.	.54	15	15	18	Custer	Oct.	1	1937	2792
Mud (Beaver) Cr.	Lang, C. E.	Litchfield	Lang Pump	Irrig.	1.15	19	14	16	Sherman	Oct.	4	1937	2793
Mud (Beaver) Cr.	Luther, Violet V.	Mason City	Luther Pump	Irrig.	.39	25	15	18	Custer	Oct.	4	1937	2794
Mud (Beaver) Cr.	Banning, Roy J.	Mason City	Banning Pump	Irrig.	.40	33	15	17	Custer	Nov.	5	1937	2800
Mud (Beaver) Cr.	West, Lyman and Schu- macher, Mrs. Theo.	Mason City Lincoln	West Pump	Irrig.	.84	23	15	18	Custer	Nov.	16	1937	2802
Mud (Beaver) Cr.	Sherbeck, Melvin H.	Ansley	Sherbeck Pump	Irrig.	.43	5	15	18	Custer	Sept.	14	1938	2884
Mud (Beaver) Cr.	Glass, C. O.	Omaha	Glass Pump	Irrig.	.51	1	13	16	Sherman	Sept.	25	1939	2973
Mud (Beaver) Cr.	Williams, Earl	Ansley	Williams Pump	Irrig.	.46	31	16	18	Custer	Nov.	10	1939	3015
Mud (Beaver) Cr.	Feldman, Fred	Litchfield	Engleman-Lewis Pump	Irrig.	.17	33	14	16	Sherman	Nov.	22	1939	3025
Mud (Beaver) Cr.	Sherbeck, Clarence I.	Ansley	Sherbeck Pump	Irrig.	.54	15	15	18	Custer	Feb.	9	1940	3090
Mud (Beaver) Cr.	Nelson, Charley A.	Litchfield	Nelson Pump	Irrig.	.23	11	14	17	Custer	Mar.	1	1940	3100
Mud (Beaver) Cr.	Cooper, Bob C. and Anderson, John A.	Omaha Litchfield	Cooper-Anderson Pump	Irrig.	.53	28	14	16	Sherman	Mar.	12	1940	3115
Mud (Beaver) Cr.	Mortensen, Pearl L.	Ravenna	Mortensen Pump	Irrig.	.21	34	13	15	Sherman	Mar.	15	1940	3119
Mud (Beaver) Cr.	Fisher, James H., Est.	Ravenna	Fisher Pump	Irrig.	.67	34	13	15	Sherman	Apr.	1	1940	3128
Mud (Beaver) Cr.	Moody, Cleon M.	Ansley	Moody Pump	Irrig.	.40	5	15	18	Custer	May	13	1940	3157
Mud (Beaver) Cr.	Chamberlin, W. C.	Mason City	Chamberlin Pump	Irrig.	.52	32	15	17	Custer	July	15	1940	3200
Mud (Beaver) Cr.	Vopalensky, Jacob L.	Ravenna	Vopalensky Pump	Irrig.	.37	2	12	15	Buffalo	July	16	1940	3201
Mud (Beaver) Cr.	Schulz, Martin	Ravenna	Schulz Pumps	Irrig.	1.02	7	12	14	Buffalo	July	18	1940	3205
								12	12				
								15					

Mud (Beaver) Cr.	Talbot, V. C.	Broken Bow	Talbot Pump No. 2	Irrig.	.18	17	16	19	Custer	July	24	1940	3210
Mud (Beaver) Cr.	Beranek, Louis	St. Michael	Beranek Pump	Irrig.	.09	8	12	14	Buffalo	July	24	1940	3213
Mud (Beaver) Cr.	Jungles, Peter R.	Ravenna	Jungles Pump	Irrig.	.85	12	12	15	Buffalo	Aug.	10	1940	3229
Mud (Beaver) Cr.	Morris, E. O.	Ansley	Morris Pump	Irrig.	.87	9	15	18	Custer	Aug.	15	1940	3232
Mud (Beaver) Cr.	Nelsen, Chris.	Berwyn	Nelsen Pump	Irrig.	1.15	36	16	19	Custer	Sept.	3	1940	3249
Mud (Beaver) Cr.	Niedt, Senate	Broken Bow	Niedt Pump	Irrig.		17	16	19	Custer	Sept.	10	1940	3259*
Mud (Beaver) Cr.	Givens, Charles	Litchfield	Givens Pump	Irrig.	.40	35	14	16	Sherman	Jan.	2	1941	3361
Mud (Beaver) Cr.	McFadden, Clyde	Litchfield	Travelers Ins. Co. Pump	Irrig.	.44	12	13	16	Sherman	Jan.	15	1941	3369
Mud (Beaver) Cr.	Church, Mrs. Irene	Denver	Mortensen Pump	Irrig.	.22	27	13	15	Sherman	Jan.	18	1941	3370
Mud (Beaver) Cr.	Talbot, V. C.	Broken Bow	Talbot Pump No. 3	Irrig.		17	16	19	Custer	Jan.	22	1941	3374*
Mud (Beaver) Cr.	Farmers Mutual Ins. Co.	Lincoln	Farmers Mut. Ins. Pump	Irrig.	.49	2	14	17	Custer	Feb.	3	1941	3381
Mud (Beaver) Cr.	Zinnel, Herbert O., et al	Sweetwater	Zinnel-Schluefer Pump	Irrig.	.36	2	12	15	Buffalo	Feb.	13	1941	3389
Mud (Beaver) Cr.	Muhlbach, Nora	Ravenna	Muhlbach Pump	Irrig.	.37	12	12	15	Buffalo	Mar.	3	1941	3407
Mud (Beaver) Cr.	City of Ravenna	Ravenna	City Pump	Irrig.	.02	8	12	14	Buffalo	Mar.	17	1941	3415
Mud (Beaver) Cr.	Grand Lodge Sons of Herman	Columbus	Luth Pump	Irrig.	.25	1	12	15	Buffalo	June	19	1941	3454
Mud (Beaver) Cr.	Stevens, Howard B.	Broken Bow	Stevens Pump	Irrig.	.44	35	16	19	Custer	Aug.	5	1941	3480
Mud (Beaver) Cr.	McNeil, Mary J.	Loup City	McNeil Pumps	Irrig.	.68	28	13	15	Sherman	Sept.	8	1941	3494
Mud (Beaver) Cr.	Sielaff, F. R.	Ravenna	Sielaff Pump	Irrig.	.50	7	12	14	Buffalo	Feb.	16	1942	3552
Mud (Beaver) Cr.	Minshull, Rhea L.	Litchfield	Minshull-Kohls Pump	Irrig.	.13	1	13	16	Sherman	July	16	1943	3625
Mud (Beaver) Cr.	Petrik, James	Ansley	Petrik Pump	Irrig.		16	15	18	Custer	Jan.	8	1944	3670
Mud (Beaver) Cr.	McFadden, Russell	Burwell	McFadden Pump	Irrig.	.23	35	14	16	Sherman	Jan.	31	1944	3677
Mud (Beaver) Cr.	Frye, John, Estate	Sweetwater	Frye Pump	Irrig.	.54	2	12	15	Buffalo	Mar.	8	1944	3696
Mud (Beaver) Cr.	Nilsen, T. Miller	Hazard	Nilsen Pump	Irrig.	.23	33	13	15	Sherman	May	1	1944	3721
Mud (Beaver) Cr.	Nilsen, T. Miller	Hazard	Nilsen Pump	Irrig.	.15	13	13	16	Sherman	May	8	1944	3723
Mud (Beaver) Cr.	Reinertson, Richard A.	Sweetwater	Reinertson Pump	Irrig.		4	12	15	Buffalo	July	10	1944	3643
Mud (Beaver) Cr.	Larsen, L. M.	Hazard	Larsen Pump	Irrig.		33	13	15	Sherman	Aug.	11	1944	3750
Mud (Beaver) Cr.	Larsen, Mary	Hazard	Larsen Pump	Irrig.		28	13	15	Sherman	Aug.	11	1944	3751
Mud (Beaver) Cr.	Kramer, John	Mason City	Kramer Pump	Irrig.		30	15	17	Custer	Aug.	23	1944	3757
Ravine, Trib. to.	Morris, E. O.	Ansley	Morris Reservoir	Storage	†1SAF	9	15	18	Custer	Feb.	18	1941	3394
Munson Creek	Lassen, Niels P.	Elba	Lassen Pump	Irrig.	.50	1	15	12	Howard	Oct.	10	1929	2108

† Reservoir capacity alleged by applicant.

* Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Oak Creek	Larson, L. E.	Dannebrog	Dannebrog Reservoir	Dom.		2	13	11	Howard	Sept.	16	1919	1556	
Oak Creek	Krogh, Peter, et al.	Omaha	Krogh Pump	Irrig.	.53	30	14	11	Howard	Mar.	5	1930	2126	
Oak Creek	Village of Dannebrog	Dannebrog	Dannebrog Lake	Fish	‡5SAF	2	13	11	Howard	Nov.	29	1937	2809	
Oak Creek	Krogh, Peter	Omaha	Krogh Pump	Irrig.	.25	30	14	11	Howard	Sept.	26	1939	2976	
Oak Creek	Lamb, Hertha J.	Farwell	Lamb Pump	Irrig.	.09	23	14	12	Howard	Mar.	22	1940	3122	
Onk Creek	Hatt, Hans N.	Dannebrog	Oak Creek Canal	Irrig.	.39	2	13	11	Howard	Nov.	10	1941	3530	
Otter Creek Ravine, Trib. to	Judy, Roy B.	Miller	Judy Reservoir	Storage		18	12	18	Buffalo	Apr.	17	1941	3429*	
Platte River	Fremont Canal and Power Company	Fremont	Fremont Canal	Irrig. and Power	2500.00	30	17	4E	Butler	June	21	1895	40	
Platte River	City of Omaha	Omaha	Fremont-Omaha Canal	Power	2000.00	30	17	4E	Butler	Mar.	25	1908	894	
Platte R., Trib. to	Klosterman, H. F.	David City	Klosterman Canal	Irrig.	.43	9	16	2E	Butler	Oct.	9	1939	2982	
Prairie Creek	Prochaska, Wm.	Palmer	Prochaska Pump	Irrig.	.53	25	16	5	Nance	Feb.	1	1941	3380	
Qualsett Creek	Qualsett, Olaf	Petersburg	Qualsett Pump	Irrig.	.26	30	22	7	Boone	Apr.	19	1937	2733	
Sand Creek	Steiger, Phillip J.	Callaway	Troyer Pump	Irrig.	.24	10	15	23	Custer	Feb.	21	1916	1447	
Shady Lake	Smith, Adam	Columbus	Smith Pump	Irrig.	1.66	15	17	1	Platte	Feb.	2	1939	2907	
Shell Creek	Schmitt, P., Estate	Columbus	Schmitt Canal	Irrig.	2.29	19	18	1E	Platte	Dec.	17	1894	292a	
Shell Creek	Schmitt, P., Estate	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.	2.21	24	18	2	Platte	July	31	1936	2603	
Shell Creek	Herde, Phillip	Schuyler	Herde Pump	Irrig.	.39	34	18	3E	Colfax	Sept.	28	1936	2642	
Shell Creek	Wolfe, John H.	Schuyler	Wolfe Pump	Irrig.	.46	28	18	3E	Colfax	Aug.	9	1937	2771	

BUREAU OF IRRIGATION

Shell Creek.....	Herde, Phillip.....	Schuyler.....	Herde Pump.....	Irrig.....	.25	34	18	3E	Colfax.....	Sept.	10	1937	2782
Shell Creek.....	Maher, Catherine M.....	New York.....	Carrig Pump.....	Irrig.....	2.36	30	18	1	Platte.....	Sept.	14	1937	2787
Shell Creek.....	Kavan, Emil L.....	Schuyler.....	Kavan Pump.....	Irrig.....	.48	23	18	3E	Colfax.....	Nov.	1	1937	2798
Shell Creek.....	Marohn, Herman, et al.....	Schuyler.....	Marohn Pump.....	Irrig.....	.64	23	18	2E	Colfax.....	Dec.	10	1937	2814
Shell Creek.....	Kluck, Rose.....	Richland.....	Kluck Pump.....	Irrig.....	.48	13	18	2	Platte.....	Dec.	18	1937	2815
Shell Creek.....	Bailey, John C.....	Schuyler.....	Bailey Pump.....	Irrig.....	1.69	1	17	3E	Colfax.....	May	6	1938	2871
Shell Creek.....	Krivohlavek, John F.....	Schuyler.....	Krivohlavek Pump.....	Irrig.....	1.10	35	18	3E	Colfax.....	Apr.	29	1939	2918
Shell Creek.....	Bailey, T. O.....	Schuyler.....	Bailey Pump.....	Irrig.....	.69	12	17	3E	Colfax.....	May	19	1939	2923
Shell Creek.....	Bott, Fred.....	Schuyler.....	Kolouch Pump.....	Irrig.....	1.06	22	18	2E	Colfax.....	May	24	1939	2925
Shell Creek.....	Hughes, Frank M., Est.....	Schuyler.....	Hughes Pump.....	Irrig.....	1.99	1	17	3E	Colfax.....	June	17	1939	2929
Shell Creek.....	Schmid, Adam.....	Columbus.....	Schmid Pump.....	Irrig.....	1.09	19	18	2E	Colfax.....	July	28	1939	2941
Shell Creek.....	Klug, Arthur and Emil.....	Columbus.....	Klug Pump.....	Irrig.....	.26	24	18	1E	Platte.....	July	29	1939	2943
Shell Creek.....	De Bower, Garrett A.....	Schuyler.....	De Bower Pump.....	Irrig.....	.44	30	18	3E	Colfax.....	July	31	1939	2944
Shell Creek.....	Lusche, G. W.....	Columbus.....	Lusche Pumps.....	Irrig.....	.51	14	18	1E	Platte.....	Oct.	26	1939	2997
						23	18	1E					
Shell Creek.....	Heibel, Julius.....	Columbus.....	Heibel Pump.....	Irrig.....	.37	22	18	1E	Platte.....	Nov.	6	1939	3009
Shell Creek.....	Pose, Frank.....	Columbus.....	Heibel Pump No. 2.....	Irrig.....	.41	22	18	1E	Platte.....	Nov.	21	1939	3023
Shell Creek.....	Gossman, Charles A.....	Platte Center.....	Gossman Pump.....	Irrig.....	.47	19	18	1	Platte.....	Nov.	22	1939	3028
Shell Creek.....	Heibel, Carl.....	Columbus.....	Heibel Pump.....	Irrig.....	.21	24	18	1E	Platte.....	Dec.	1	1939	3036
Shell Creek.....	Mastny, Anton, Sr.....	Schuyler.....	Mastny Pump.....	Irrig.....	.90	35	18	3E	Colfax.....	Jan.	20	1940	3080
Shell Creek.....	Krivohlavek, John F.....	Schuyler.....	Krivohlavek Pump.....	Irrig.....	.10	35	18	3E	Colfax.....	Mar.	31	1941	3420
Shell Creek.....	Horejsi, Milo.....	Schuyler.....	Horejsi Pump.....	Irrig.....	.50	9	17	4E	Colfax.....	Apr.	2	1941	3424
Shell Creek.....	Lightner, Louis.....	Columbus.....	Lightner Pump.....	Irrig.....	.48	14	18	2	Platte.....	Sept.	9	1941	3496
Shell Creek.....	Haidley, Charles.....	Schuyler.....	Haidley Pump.....	Irrig.....	.23	8	17	4E	Colfax.....	Dec.	24	1941	3541
Shell Creek.....	Luckey, Emil F.....	Columbus.....	Luckey Pump.....	Irrig.....	.36	23	18	1E	Platte.....	Apr.	6	1942	3561
Shell Creek.....	Maxwell, David E.....	Columbus.....	Maxwell Pump.....	Irrig.....	.96	29	18	1	Platte.....	Mar.	17	1943	3599
Skull Creek.....	Dawson, H. H.....	Linwood.....	Dawson Pump.....	Irrig.....	1.18	26	17	4E	Butler.....	Nov.	20	1939	3022
Spring Branch.....	Milldale Farm and Live Stock Improvement Co.	Council Bluffs, Ia.	Haskill Canal.....	Irrig.....	7.00	31	17	24	Custer.....	Feb.	27	1914	1357
Spring Branch (Dutchman Cr)	Talbot, V. C.....	Broken Bow.....	Talbot Pump No. 1.....	Irrig.....	.12	17	16	19	Custer.....	July	24	1940	3211
Spring Creek.....	Hendryx, H. J.....	Monroe.....	Hendryx Canal.....	Irrig.....	1.33	2	17	3	Platte.....	June	25	1894	290

†Reservoir capacity alleged by applicant.

*Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Spring Creek	Laurson, Rasmus	Cushing	Laurson Pump	Irrig.	.26	32	16	9	Howard	Oct.	23	1940	3306	
Spring Creek	Anderson, Clayton	Cushing	Anderson Pump	Irrig.		30	16	9	Howard	Mar.	27	1944	3702	
Spring Creek	Wagner, Chas. J.	Cushing	Wagner Pump	Irrig.		7	16	9	Howard	Aug.	21	1944	3756*	
Spring Creek	Wagner, C. J.	Cushing	Wagner Pump No. 2	Irrig.		18	16	9	Howard	Sept.	19	1944	3767*	
# Spring Creek	Hanson, Earl	Ord	Hanson Pump	Irrig.		27	19	13	Valley	May	15	1944	3728	
Timber Creek	Hoffman, F. A.	Belgrade	Hoffman Pump	Irrig.		21	17	7	Nance	Dec.	9	1940	3346*	
Tucker Creek	Pressey, H. E.	Oconto	Maples Canal	Irrig.	.97	9	14	21	Custer	Sept.	13	1934	2475	
Turkey Creek	Travelers Ins. Co.	Omaha	Mortensen Reservoir	Storage	†6.25A	21	14	11	Howard	Aug.	31	1931	2232	
Turkey Creek	Federal Land Bank	Omaha	Miller Reservoir	Storage	†6.00A	35	14	11	Howard	Jan.	20	1934	2356	
Turkey Creek	McKoski, Joe	Dannebrog	McKoski Pump	Irrig.	.24	20	14	11	Howard	Aug.	26	1937	2778	
Turtle Creek	Rutar, Joseph	Elyria	Rutar Canal	Irrig.	.72	27	20	15	Valley	May	5	1943	3611	
Victoria Creek	Myers, Perry	Anselmo	Victoria Canal No. 1	Irrig.	.71	1	19	21	Custer	Mar.	17	1894	210 } 212 }	
Victoria Creek	Victoria Ditch Ass'n.	Broken Bow	Victoria Canal No. 2	Irrig.	8.88	1	19	21	Custer	July	17	1894	213	
Victoria Creek	Laughran, Michael	Milburn	Laughran-Bell Canal	Irrig.	.31	3	19	21	Custer	Sept.	22	1894	217	
Victoria Creek	Myers, Perry A.	Anselmo	Victoria Canal No. 1	Irrig.	1.51	1	19	21	Custer	Aug.	5	1926	1843	
Victoria Creek	Victoria Ditch Ass'n.	Broken Bow	Victoria Canal No. 2	Irrig.	1.01	1	19	21	Custer	Aug.	12	1926	1845	
Victoria Creek	McGraw, Chas.	Broken Bow	McGraw Canal	Irrig.	2.95	6	19	20	Custer	July	23	1927	1945	
Victoria Creek	McGraw, Chas.	Broken Bow	McGraw Canal	Irrig.	2.86	6	19	20	Custer	Aug.	6	1928	2023	
Victoria Creek	McGraw, Chas.	Broken Bow	McGraw Pump	Irrig.	.80	6	19	20	Custer	June	4	1934	2308	
Wagner Creek	Leui, Joseph	Comstock	Leui Pump	Irrig.	.82	3	18	17	Custer	July	18	1939	2925	

Wallace Creek.....	Farrell, L. R.....	Scotia.....	Farrell Pump.....	Irrig.....	16	17	12	Greeley.....	Sept.	26	1944	3770*	
Welsh Reservoir	Welsh, W. M.....	Lincoln.....	Welsh Canal.....	Irrig.....	36	17	18	Custer.....	May	2	1941	3624	
Wiggle Creek.....	May, J. H.....	Callaway.....	Morrison Pump.....	Irrig.....	.30	3	15	23	Custer.....	Oct.	17	1928	2045
Woten Creek.....	Johnson, Emil.....	Rockville.....	Travelers Ins. Co. Pump	Irrig.....	.49	6	13	13	Sherman.....	Oct.	14	1940	3293

* Application pending.

† Reservoir capacity alleged by applicant.

Spring Creek in Howard County and Spring Creek in Valley County are separate streams.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
Battle Creek	Hohenstein-Tomhagen	Battle Creek	Battle Creek Mills	Power	10.67	36	24	3	Madison	Nov.	12	1893	484
Battle Creek	Hohenstein-Tomhagen	Battle Creek	Battle Creek Mills	Power	20.00	36	24	3	Madison	Apr.	20	1906	818
Battle Creek	Lucht, Mary	Battle Creek	Lucht Pump	Irrig.	.59	12	23	3	Madison	Oct.	20	1939	2994
Battle Creek	Bierman, Herbert	Battle Creek	Bierman Pump	Irrig.	.64	14	23	3	Madison	Nov.	4	1939	3006
Battle Creek	Eyl, Carl	Battle Creek	Eyl Pump	Irrig.	.46	12	23	3	Madison	Nov.	8	1939	3012
Battle Creek	Lewis, Emma S.	McLean, Va.	Lewis Pump	Irrig.	.54	12	23	3	Madison	Nov.	22	1939	3026
Battle Creek	Bierman, Erich	Battle Creek	Bierman-Ryan Pump	Irrig.	.32	12	23	3	Madison	Dec.	11	1939	3042
Buffalo Creek	Lewis, Sylvester	Meadow Grove	Lewis Pump	Irrig.	.79	23	24	4	Madison	Nov.	9	1936	2655
Buffalo Creek	Lewis, Sylvester	Meadow Grove	Lewis Pump	Irrig.	.48	23	24	4	Madison	Oct.	26	1939	3000
Camp Creek	Pinney, E. R.	Lincoln	Pinney Pump	Irrig.	.50	25	11	SE	Lancaster	Nov.	22	1939	3024
Cedar Creek	Carlson, C. A.	Elgin	Carlson Pump	Irrig.	.15	3	23	6	Antelope	Mar.	17	1937	2716
Cedar Creek	Johnson Brothers	Oakdale	Johnson Pump	Irrig.	.41	11	24	6	Antelope	Oct.	10	1938	2891
Cedar Creek	Ofe Brothers	Oakdale	Ofe Pump	Irrig.	.09	1	24	6	Antelope	Dec.	27	1938	2904
Cedar Creek	Cram, V. S.	Oakdale	Cram Pump	Irrig.	.04	12	24	6	Antelope	Mar.	1	1939	2911
Cedar Creek	Michaelson, Florence	Battle Creek	Michaelson Pump	Irrig.	.23	10	23	6	Antelope	Oct.	16	1939	2987
Cedar Creek	Mills, G. O.	Tilden	Mills Pump	Irrig.	.18	3	23	6	Antelope	Oct.	18	1939	2991
Cedar Creek	Hunter, G. W.	Oakdale	Hunter Pump	Irrig.	.86	12	24	6	Antelope	May	25	1940	3166
Cedar Creek	Clemensen, George	Oakdale	Clemensen Pump	Irrig.	.06	15	24	6	Antelope	Oct.	14	1940	3295
Childs Res.	Childs, F. A.	Oakdale	Childs Canal	Irrig.		3	24	5	Antelope	Mar.	4	1940	3125
Clear Creek	Lyons Drainage Dist.	Lyons	Main Ditch No. 1	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
Clearwater Cr.	Thiele, Carl J.	Clearwater	Thiele Pump	Irrig.	.46	26	25	9	Holt	Dec.	12	1939	3048
Clearwater Cr.	McDonald, Charles W.	Ewing	McDonald Pump	Irrig.	.29	33	25	9	Holt	Dec.	18	1939	3055

Clearwater Cr.	Schrunk, Mabel E.	Atkinson	Schrunk Pump	Irrig.	.39	14	24	10	Wheeler	Sept.	25	1940	3275
Clearwater Cr.	Zahn, Carder and Hughes	Clearwater	Zahn Pump	Irrig.		6	25	7	Antelope	Mar.	4	1944	3694
Dee Creek	Hilt, Peter, Jr.	Waverly	Hilt Pump	Irrig.	1.72	7	11	9E	Cass	June	12	1933	2326
Deer Creek	DeLay, J. J.	Norfolk	DeLay Pump	Irrig.		30	24	3	Madison	Apr.	11	1944	3711
Dog Town Cr.	Beckman, John	Wayne	Beckman Pump	Irrig.	.63	6	26	4E	Wayne	Aug.	15	1936	2613
Dry Gully	Scott, R. D.	Lincoln	Scott Reservoir	Storage	†72AF	22	12	5E	Lancaster	Dec.	7	1936	2660
Elkhorn River	Interstate Power Co.	Dubuque, Ia.	Atkinson Mill	Power	38.50	30	30	14	Holt	Nov.	1	1883	271
Elkhorn River	Elkhorn Irrig. Co.	O'Neill	Elkhorn Canal	Irrig.	131.43	22	29	13	Holt	Feb.	3	1894	259
Elkhorn River	Davis, Jos.	O'Neill	Davis Canal	Irrig.	1.43	31	29	11	Holt	Feb.	8	1894	260
Elkhorn River	Carlson, Thos.	O'Neill	Carlson Canal No. 1	Irrig.	1.00	32	29	11	Holt	Feb.	8	1894	261
Elkhorn River	Carlson, Thos.	O'Neill	Carlson 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.	Grand Island	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
Elkhorn River	McGuire, F. V.	Wisner	McGuire Pump	Irrig.	1.21	32	24	1E	Cuming	Aug.	14	1936	2612
Elkhorn River	Collins, John M.	West Point	Collins Pump	Irrig.	.39	22	22	6E	Cuming	Aug.	31	1936	2630
Elkhorn River	Dwyer, Geo. F.	Waterloo	Dwyer Pump	Irrig.	.08	10	15	10E	Douglas	Sept.	22	1936	2641
Elkhorn River	J. C. Robinson Real Estate Co.	Waterloo	Evergreen Pump	Irrig.	1.10	3	15	10E	Douglas	Nov.	5	1936	2653
Elkhorn River	Torbert, F. B., Estate	Norfolk	Torbert Pump	Irrig.	.09	30	24	2	Madison	Dec.	21	1936	2674
Elkhorn River	Rozmarin, Joseph R.	Stanton	Rozmarin Pump	Irrig.	.05	13	23	2E	Stanton	Mar.	1	1937	2704
Elkhorn River	Brink, Orris	Oakdale	Brink Pump	Irrig.	.82	8	24	5	Antelope	June	4	1937	2750
Elkhorn River	Feldhahn, Albert	Norfolk	Feldhahn Pump	Irrig.	.69	6	23	1E	Stanton	July	30	1937	2767
Elkhorn River	Steward, J. B.	Tilden	Steward Pump	Irrig.	.69	15	24	4	Madison	Mar.	18	1938	2850

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Elkhorn River	Sunderland, John E.	Omaha	Sunderland Pump	Irrig.	1.86	34	15	10E	Douglas	Apr.	4	1938	2860	
Elkhorn River	Bauermeister, C. H.	Battle Creek	Bauermeister Pump	Irrig.	.88	30	24	2	Madison	Sept.	28	1939	2977	
Elkhorn River	Flesner and Unkel	Battle Creek	Flesner-Unkel Pump	Irrig.	3.14	29	24	2	Madison	Oct.	11	1939	2983	
Elkhorn River	O'Brien, James, et al.	Tilden	O'Brien Pump	Irrig.	.76	4	24	5	Antelope	Oct.	18	1939	2990	
Elkhorn River	Freiberg, Harry	Stanton	Freiberg Pump	Irrig.	.56	8	23	3E	Stanton	Nov.	10	1939	3016	
Elkhorn River	Dworak, Mary	Oakdale	Dworak Pump	Irrig.	.72	1	24	6	Antelope	Nov.	29	1939	3033	
Elkhorn River	Boldt, William, Jr.	Stanton	Boldt Pump	Irrig.	.27	29	23	2E	Stanton	Dec.	13	1939	3050	
Elkhorn River	Eggers, Elman	Tilden	Eggers Pump	Irrig.	.64	11	24	5	Antelope	Dec.	19	1939	3061	
Elkhorn River	Zimmerer, Joe	Humphrey	Zimmerer-Schafer Pump No. 1	Irrig.	.40	17	23	3E	Stanton	Jan.	2	1940	3069	
Elkhorn River	Martensen, Peter	Oakdale	Martensen Pump	Irrig.	.42	8	24	5	Antelope	Jan.	9	1940	3073	
Elkhorn River	Childs, F. A.	Oakdale	Childs Pump	Irrig.	.21	3	24	5	Antelope	Mar.	4	1940	3102	
Elkhorn River	Idlewild Farm Co.	Fremont	Idlewild Pumps	Irrig.	.81	29	18	9E	Dodge- Washington	May	10	1940	3155	
Elkhorn River	Emerson, R. A.	Oakdale	Emerson Pump	Irrig.	.09	1	24	6	Antelope	Feb.	14	1941	3391	
Elkhorn River	Wittwer, Joe	Tilden	Wittwer Pump	Irrig.	.38	3	24	5	Antelope	Mar.	5	1941	3409	
Elkhorn River	Dworak, Mary	Oakdale	Dworak Pump	Irrig.	.20	1	24	6	Antelope	Mar.	19	1941	3416	
Elkhorn River	Werner, Fred C.	Meadow Grove	Werner Pump	Irrig.	1.10	24	24	4	Madison	Nov.	18	1941	3532	
Elkhorn River	Childs, F. A.	Oakdale	Childs Reservoir	Storage	†102A	F	3	24	5	Antelope	Mar.	4	1940	3101
Elkhorn R., N. F.	Norfolk Cereal Flour Mills	Norfolk	Norfolk Cereal and Flour Mill	Power	100.00	23	24	1	Madison	Mar.	1	1870	996	
Elkhorn R., N. F.	Shurtleff, R. J.	Norfolk	Warfield Pump	Irrig.	1.03	15	24	1	Madison	June	15	1929	2085	
Elkhorn R., N. F.	Stahl, Carl C.	Norfolk	Stahl Pump	Irrig.	.42	10	24	1	Madison	Aug.	17	1933	2343	
Elkhorn R., N. F.	Hagel, Robert A.	Norfolk	Hagel Pump	Irrig.	.50	15	24	1	Madison	Sept.	12	1934	2474	
Elkhorn R., N. F.	Bathke, Robert	Norfolk	Bathke Pump	Irrig.	.02	22	24	1	Madison	Apr.	4	1935	2533	
Elkhorn R., N. F.	Shurtleff, R. J.	Norfolk	Warfield Pump	Irrig.	.53	15	24	1	Madison	May	2	1936	2577	
Elkhorn R., N. F. and Dry Cr.	Chilvers, C. H.	Pierce	Chilvers Pumps	Irrig.	5.91	9	26	2	Pierce	July	14	1936	2588	
						10	26	2						
						15	26	2						

Elkhorn R., N. F.	Werner, John	Norfolk	Werner Pump	Irrig.	.56	26	24	1	Madison	July	24	1936	2597
Elkhorn R., N. F.	Kolterman, Erwin	Pierce	Kolterman Pump	Irrig.	1.89	15	26	2	Pierce	July	30	1936	2602
Elkhorn R., N. F.	Koehler, Walter	Osmond	Koehler Pump	Irrig.	.71	19	27	2	Pierce	Aug.	13	1936	2611
Elkhorn R., N. F.	Doughty, L. H.	Norfolk	Doughty Pump	Irrig.	.24	26	24	1	Madison	Nov.	18	1936	2661
Elkhorn R., N. F.	Kirchmann, Christian C.	Pierce	Kirchmann Pump	Irrig.	.01	26	26	2	Pierce	Dec.	11	1936	2670
Elkhorn R., N. F.	Kluender, Bertha and Riggart, Mrs. M.	Norfolk	Kluender-Riggart- Stewart Pump	Irrig.	.21	22	24	1	Madison	May	25	1937	2747
Elkhorn R., N. F.	Richter, Herman	Norfolk	Richter Pump	Irrig.	.43	36	24	1	Madison	Apr.	27	1938	2865
Elkhorn R., N. F.	Eberly, E. F.	Norfolk	Norfolk Nursery Pumps	Irrig.	.15	26	24	1	Madison	May	26	1938	2875
Elkhorn R., N. F.	Eberly, E. F.	Norfolk	Norfolk Nursery Pump	Irrig.	.29	26	24	1	Madison	May	26	1938	2875R
Elkhorn R., N. F.	Hecker, Ida D.	San Diego	Hecker Pump	Irrig.	1.05	28	25	1	Pierce	Nov.	20	1939	3021
Elkhorn R., N. F.	Meierhenry, Fred	Haskins	Meierhenry Pump	Irrig.	.18	33	25	1	Pierce	Dec.	11	1939	3043
Elkhorn R., N. F.	Brown, Willard H.	Norfolk	Brown Pump	Irrig.	1.25	36	24	1	Madison	Mar.	8	1940	3110
Elkhorn R., N. F.	Baksa, Joseph	Norfolk	Baksa Pump	Irrig.	.22	26	24	1	Madison	Mar.	18	1940	3121
Elkhorn R., N. F.	Cook, Ethel Toll	Norfolk	Cook Pump	Irrig.	.08	26	24	1	Madison	Feb.	19	1941	3398
Elkhorn R., S. F.	Rothleuter, Albert	Ewing	Flour Mills	Power	33.00	3	26	.9	Holt	Aug.	21	1898	464
Giles Creek	Young, Russell	Tilden	Young Pump	Irrig.	.62	13	24	5	Antelope	Nov.	24	1936	2663
Ground Water	Reynolds, B. W.	Fremont	Reynolds Well	Irrig.		3	17	SE	Dodge	Nov.	13	1940	3329*
Ground Water	Reynolds, Wilson B. and Cassius J.	Fremont	Reynolds Well	Irrig.		33	18	SE	Dodge	Feb.	4	1941	3382*
Holt Creek	Schermerhorn, F. D.	Omaha	Schermerhorn Canal	Irrig.	1.89	5	28	13	Holt	May	9	1941	3441
Knebel-Pofahl Lake	Knebel, Ernest H.	Norfolk	Knebel Pump	Irrig.	.27	2	23	1	Madison	Nov.	20	1939	3020
Knebel-Pofahl Lake	Knebel, Sophia	Norfolk	Sophia Knebel Pump	Irrig.	.35	2	23	1	Madison	Feb.	17	1940	3092
Logan Creek (Oakland Dr.)	Johnson, Harry G.	Oakland	Johnson Pump	Irrig.	1.71	35	22	SE	Burt	Feb.	20	1931	2192
Logan Creek (Oakland Dr.)	Johnson, J. A.	Oakland	Johnson Pump	Irrig.	.92	36	22	SE	Burt	Sept.	10	1931	2236
Logan Creek	Havekost, Bernard	Hooper	Havekost Pump	Irrig.	.37	33	20	SE	Dodge	July	10	1936	2536

† Reservoir capacity alleged by applicant.

* "R" Denotes relocation.

* Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.
						S	T	R	County	Mo.			D	Yr.
Logan Creek	Meyer, Sophie H.	Hooper	Meyer Pump	Irrig.	1.41	16	20	SE Dodge	July	24	1936	2595
Logan Creek	Schole, George H.	Hooper	Schole Pump	Irrig.	.38	32	20	SE Dodge	July	24	1936	2596
Logan Creek	Uehling, Orville T.	Uehling	Uehling Pump	Irrig.	.26	3	20	SE Dodge	July	25	1936	2598
Logan Creek	Meyer, Wm. J.	Bancroft	Meyer Pump	Irrig.	1.33	26	24	7E Cuming	July	27	1936	2599
Logan Creek (Oakland Dr.)	Kuhlman and Von Essen	Oakland	Von Essen Pump	Irrig.	.70	14	21	8E Burt	Aug.	1	1936	2604
Logan Creek	Hoegermeyer, Otto	Hooper	Hoegermeyer Pump	Irrig.	.69	33	20	8E Dodge	Aug.	17	1936	2615
Logan Creek	Golder, J. S.	Oakland	Golder Pump	Irrig.	.14	3	20	8E Dodge	Aug.	26	1936	2624
Logan Creek (Pender Dr.)	Novak, Victor	Pender	Novak Pump	Irrig.	.78	36	25	6E Thurston	Sept.	2	1936	2632
Logan Creek	Havekost, William	Hooper	Havekost Pump	Irrig.	.43	29	20	8E Dodge	Nov.	12	1936	2659
Logan Creek (Bancroft Dr.)	Ronnenkamp, William	Bancroft	Ronnenkamp Pump	Irrig.	.26	26	24	7E Cuming	Dec.	26	1936	2675
Logan Creek	Hall, D.	Wayne	Hall Pump	Irrig.	.08	13	26	3E Wayne	Jan.	28	1937	2688
Logan Creek	Lincoln Joint Stock Land Bank	Lincoln	Beckenhauer Pump	Irrig.	.95	9	24	7E Cuming	Feb.	12	1937	2697
Logan Creek (Pender Dr.)	Burmester, H. H.	Pender	Burmester Pump	Irrig.		16	25	6E Thurston	Mar.	2	1937	2707
Logan Creek	Jordan and Moodie	Bancroft	Moodie-Jordan Pump	Irrig.	1.42	22	24	7E Cuming	Mar.	9	1937	2712
Logan Creek	Von Essen, Mrs. Marie	Oakland	Uehling Pump	Irrig.	.26	3	20	8E Dodge	Mar.	13	1937	2714
Logan Creek	Ross, Albert T.	Bancroft	Ross Pump	Irrig.	.76	15	24	7E Cuming	May	4	1937	2739
Logan Creek (Lyons Dr.)	Roscoe, Irving G.	Lyons	Roscoe Pump	Irrig.	1.04	23	23	8E Burt	Oct.	5	1937	2795
Logan Creek (Bancroft Dr.)	Hughes, Helen M.	Gretna	Hughes Pump	Irrig.	.64	32	24	8E Thurston	July	28	1939	2942
Logan Creek (Bancroft Dr.)	Samson, Kenneth	Bancroft	Samson Pump	Irrig.	.35	23	24	7E Cuming	Aug.	4	1939	2947
Logan Creek (Lyons Dr.)	White, H. S.	Lyons	White Pump	Irrig.	.97	2	23	8E Burt	Sept.	6	1939	2959

Logan Creek (Bancroft Dr.)	Kratochvil, Vaclaw	Bancroft	Kratochvil Pump	Irrig.	1.73	22	24	7E	Cuming	Sept.	12	1939	2963
Logan Creek (Pender Dr.)	Hilker, John	Pender	Hilker Pumps	Irrig.	.66	5	25	7E	Cuming	Sept.	20	1939	2966
Logan Creek (Pender Dr.)	Branham, Ruth E.	Omaha	Barton Pump	Irrig.	.49	22	25	6E	Thurston	Dec.	18	1939	3057
Logan Creek (Pender Dr.)	John Hancock Mutual Life Insurance Co.	Sioux City, Ia.	Zvacek Pump	Irrig.	.96	22	25	6E	Thurston	Jan.	8	1940	3072
Logan Creek (Logan Dr.)	Bradford, Richard	Winnebago	Bradford-Kinney Pump	Irrig.	.49	25	26	5E	Thurston	Apr.	15	1940	3135
Logan Creek (Logan Dr.)	Collins, Helen	Wakefield	Collins Pump	Irrig.	.20	36	27	4E	Dixon	Apr.	18	1940	3139
Logan Creek (Logan Dr.)	Mason, Wm.	Laurel	Mason Pump	Irrig.	.71	3	28	3E	Cedar	June	17	1940	3181
Maple Creek	Luther, Howard J.	Nickerson	Luther Pump	Irrig.	2.72	10	18	8E	Dodge	Dec.	19	1934	2500
Maple Cr., East	Kovarik, Joseph F.	Howells	Kovarik Pump	Irrig.	.36	10	19	4E	Colfax	Aug.	7	1939	2949
Maple Cr., East	Svoboda, Milo	Dodge	Svoboda Pump	Irrig.	.96	15	19	4E	Colfax	Aug.	16	1939	2952
Maple Creek Middle Fork	Janecek, James	Schuyler	Janecek Pump	Irrig.	.26	13	19	3E	Colfax	Jan.	18	1940	3077
Middle Creek	Malone, Robert	Lincoln	Malone Ice Plant	Ice	10.00	30	10	6E	Lancaster	Dec.	26	1907	583
Middle Creek	Ivers, Claude B.	Lincoln	Ivers Pump	Irrig.	.26	28	10	6E	Lancaster	Jan.	7	1938	2823
Middle Creek	Lilly, Richard J.	Lincoln	Lilly Pump	Irrig.	.73	28	10	6E	Lancaster	Dec.	26	1939	3068
Oak Creek	Eiche, Herman	Lincoln	Eiche Plant	Irrig.	.71	17	10	6E	Lancaster	Jan.	4	1899	489
Oak Creek	Cheney, E. J.	Lincoln	Cheney Pump	Irrig.	.45	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.	.14	17	10	6E	Lancaster	Apr.	11	1930	2132
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.	1.49	29	11	6E	Lancaster	Sept.	14	1936	2639
Pebble Creek	Dahl, John W.	Scribner	Dahl Pump	Irrig.	.46	6	19	7E	Dodge	July	17	1936	2589

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

128

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.
						S	T	R	County	Mo.			D|Yr.
Pebble Creek	Vakiner Brothers	West Point	Vakiner Pumps	Irrig.	1.63	34	20	5E	Dodge	Sept.	9|1936	2637
Pebble Creek	Gordon, George S.	Scribner	Gordon Pump	Irrig.	.18	35	20	6E	Dodge	Dec.	8|1939	3039
Pebble Creek	Dahl, Alex H.	Scribner	Dahl Pump	Irrig.	.57	36	20	6E	Dodge	Jan.	10|1940	3074
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.	4|1914	1379
Rawhide Creek	Cowles, S. C.	Waterloo	Cowles Pump	Irrig.	.46	17	16	10E	Douglas	Aug.	7|1936	2606
Rawhide Creek	Hollingsworth, R. E.	Omaha	Hollingsworth Pump	Irrig.	.43	16	16	10E	Douglas	June	9|1937	2751
Rock Creek	Stark, Chris	Ceresco	Stark Pump	Irrig.	1.08	31	13	7E	Saunders	Aug.	6|1931	2225
Rock Creek	Jeffrey, Louis	Waverly	Jeffery Pump	Irrig.	.46	34	12	8E	Lancaster	May	12|1934	2352
Rock Creek	Armstrong and Landon	Greenwood	Armstrong-Landon Pump	Irrig.	1.24	35	12	8E	Lancaster	Sept.	2|1939	2956
Rock Creek	Jeffrey, James and Louis	Waverly	Jeffrey Pump	Irrig.	.20	35	12	8E	Lancaster	Sept.	29|1939	2978
Rock Creek	Van Landingham, Claude	Lincoln	Van Landingham Pump	Irrig.	.50	25	13	6E	Saunders	Nov.	27|1939	3031
Ryans Creek	Elkhorn River Drainage District	Fremont	Cutoff "H" Ditch	Drain.		4	17	9E	Dodge	Oct.	16|1909	966
Salt Creek	C. B. & Q. R. R. Co.	Lincoln	C. B. & Q. Supply	Dom.	2.00	3	9	6E	Lancaster	Sept.	20|1923	1722
Salt Creek	Rutherford, Frank	Hastings	Rutherford Pump	Irrig.	9.11	24	11	7E	Lancaster	July	1|1925	1766
Salt Creek	State Board of Control	Lincoln	Penitentiary Canal	Irrig.	3.00	11	9	6E	Lancaster	June	15|1926	1817
Salt Creek	Roper, C. H.	Lincoln	University Duck Pond	Resort		32	11	7E	Lancaster	July	29|1926	1837
Salt Creek	Splain, William F.	Lincoln	Splain-Bogan Pump	Irrig.	.11	25	9	6E	Lancaster	June	18|1934	2412
Salt Creek	Cropsey, Harry T.	Lincoln	Cropsey Pump	Irrig.	.72	26	9	6E	Lancaster	Dec.	8|1939	3040
Salt Creek	Cropsey, Harry T.	Lincoln	Cropsey Pump	Irrig.	.33	26	9	6E	Lancaster	May	24|1940	3164

REPORT OF THE STATE ENGINEER

Sand Creek	Hudec, Joe	Wahoo	Wanahoo Park Lake	Fish	†12AF	3	14	7E	Saunders	July	25	1934	2442
Sand Creek	Dolezal, Edward	Wahoo	Dolezal Lake	Fish	†2.25AF	22	15	7E	Saunders	Aug.	1	1934	2452
Scott Res.	Scott, R. D.	Lincoln	Scott Pump	Irrig.		22	12	5E	Lancaster	Dec.	7	1936	2762
Silver Creek	Game, Forestation & Parks Commission	Lincoln	Armour & Co. Res.	Ice	10.00	7	13	9E	Saunders	Oct.	18	1897	415
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
Springfield Cr.	Trumble, Floyd D.	Papillion	Trumble Pump	Irrig.	.55	36	13	11E	Sarpy	July	8	1937	2760
Stevens Creek	Moore, R. E.	Lincoln	Stevens Creek Canal	Irrig.	1.00	2	10	7E	Lancaster	Nov.	19	1913	1335
Taylor Creek	Leu, John	Madison	Leu Pump	Irrig.	.65	25	22	2	Madison	Aug.	19	1936	2619
Taylor Creek	Robertson, J. D.	Madison	Robertson Pump	Irrig.	.75	30	22	1	Madison	Oct.	30	1939	3002
Taylor Creek	Leu, George	Madison	Leu Pump	Irrig.	.26	25	22	2	Madison	Oct.	31	1940	3316
Taylor Creek	Leu, George	Madison	Leu Pump	Irrig.	.39	26	22	2	Madison	Sept.	18	1943	3653
Union and Taylor Creeks	Brechler and Neeley	Madison	Union Valley Roller Mills	Power		32	22	1	Madison				998*
Union Creek	Krueger, Helen R., Est.	Madison	Krueger Pump	Irrig.	.43	24	21	2	Madison	May	9	1934	2379
Union Creek	Steckelberg, Carl Frederic	Lincoln	Steckelberg Pump	Irrig.	2.33	31	22	1E	Stanton	Aug.	13	1934	2461
Union Creek	Omaha National Bank	Omaha	Fuchs Pump	Irrig.	.85	31	23	2E	Stanton	May	22	1936	2580
Union Creek	Christian Bros.	Madison	Christian Pump	Irrig.	1.63	32	22	1	Madison	Nov.	4	1936	2652
Union Creek	Mastny, Frank	Stanton	Mastny Pump	Irrig.	1.45	1	22	1E	Stanton	Nov.	9	1936	2656
Union Creek	Jacobsen, Chas. H.	Madison	Jacobsen Pump	Irrig.	.43	13	21	2	Madison	Mar.	20	1937	2720
Union Creek	Long, Fred and Sons	Madison	Long Pump	Irrig.	.72	29	22	1E	Stanton	July	15	1937	2761
Union Creek	Luxa, Longin	Stanton	Luxa Pump	Irrig.	1.02	1	22	1E	Stanton	Aug.	29	1939	2954
Union Creek	Price, Willot J.	Wisner	Price Pump	Irrig.	.33	21	22	1E	Stanton	Sept.	8	1939	2960
Union Creek	Martin, J. E., et al	Madison	Martin Pump	Irrig.	.43	1	21	1	Madison	Oct.	26	1939	2998

†Reservoir capacity alleged by applicant.

*Claim not adjudicated.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to Use to applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Dec. No.	Apr. No.	
						S	T	R	County	Mo.			D	Yr.
Union Creek	Maurer, John F.	Madison	Maurer Pump	Irrig.	.39	35	21	2	Madison	Dec.	19	1939	3062
Union Creek	Martin, J. E., et al	Madison	Martin Pump	Irrig.	.07	1	21	1	Madison	May	2	1940	3146
Wahoo Creek	Wahoo Hunting Club	Lincoln	Ayr Lake	Resort	†160A	28	13	9E	Saunders	Dec.	30	1930	2184
Wahoo Creek	Treptow, Herman	Ithaca	Treptow Pumps	Irrig.	1.43	20	14	3E	Saunders	July	25	1934	2444
Wahoo Creek	Ludvik, Antonie	Wahoo	Breyer Pump	Irrig.	.96	29	14	3E	Saunders	Aug.	15	1934	2463
Wahoo Creek	Lanik, Joe L.	Wahoo	Lanik Pump	Irrig.	.64	8	14	7E	Saunders	May	6	1940	3150
Walz Lake	Walz, Dorothy C.	Battle Creek	Walz Pump	Irrig.	.17	22	24	3	Madison	Mar.	3	1937	2708
Willow Creek	Hetrick, Geo. J.	Pierce	Hetrick Pump	Irrig.	.05	26	26	4	Pierce	May	18	1937	2743
Willow Creek	Synovec, Fred	Pierce	Synovec Pump	Irrig.	.64	32	26	3	Pierce	June	19	1939	2931
Willow Creek	Askey, H. A.	Lincoln	Askey Pump	Irrig.		21	26	4	Pierce	July	24	1942	3461*
Zimmerer- Kuehn Lake	Zimmerer, Joe	Humphrey	Zimmerer-Schafer Pump No. 2	Irrig.	.48	17	23	3E	Stanton	Jan.	16	1940	3076

* Application pending.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						Sec.-ft.	County			Mo.			D	Yr.
							S	T	R					
Abitz Creek	Fullerton, J. B.	Atkinson	Fullerton Canal No. 2	Irrig.	.36	18	30	13	Holt	Mar.	23	1896	—	278
Anderson Res.	Anderson, Otto	Hay Springs	Anderson Canal	Stor.-only		2	29	47	Dawes	Oct.	16	1940	—	3396
Antelope Creek	Julian, A. R., et al.	Gordon	Antelope Canal	Irrig.	.36	21	32	40	Cherry	June	29	1905	—	798
Antelope Creek	Louks, W. A.	Gordon	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.	.43	27	34	26	Cherry	June	17	1902	—	676
Bear Creek	Skinner, Thomas	Springview	Skinner Canal	Irrig.	.23	15	32	21	Keya Paha	June	20	1888	609	—
Bear Creek	Cederberg, P.	Springview	Cederberg Canals 1-2	Irrig.	.02	3	32	21	Keya Paha	Oct.	3	1898	—	479
Bear Creek	Woods Bros. Realty Co.	Lincoln	Woods Brothers Canal	Irrig.	11.78	29	34	35	Cherry	Sept.	21	1928	—	2035
Bear Creek	Cole, D. Jason	Merriman	Cole Dams	Irrig.	8.19	13	34	37	Cherry	Feb.	24	1932	—	2254
						14	34	37						
						7	34	36						
						8	34	36						
						10	34	36						
Bear Creek	Bates, Harold S.	Merriman	Bates Dams	Irrig.	6.50	8	34	37	Cherry	July	12	1932	—	2276
						7	34	37						
						12	34	38						
Bear Creek	Bowring, Mrs. Arthur	Merriman	Bar 99 Ranch Canal	Irrig.	.43	15	34	37	Cherry	Aug.	31	1932	—	2282
Bear Creek	Bowring, Mrs. Arthur	Merriman	Bar 99 Ranch Canal	Irrig.	.37	16	34	37	Cherry	Aug.	31	1932	—	2282R
Bear Creek	Bowring, Mrs. Arthur	Merriman	Bar 99 Ranch Canal	Irrig.	.47	8	34	37	Cherry	Feb.	9	1937	—	2696
Bear Creek	Bowring, Eva	Merriman	Bar 99 Ranch Canal	Irrig.	.13	16	34	37	Cherry	Dec.	8	1938	—	2898
Bear Creek	Bowring, Eva	Merriman	Bar 99 Ranch Canal	Irrig.	.65	16	34	37	Cherry	Oct.	31	1940	—	3321
Bear Creek	Game. Forestation and Parks Commission	Lincoln	Cottonwood Lake	Fish		16	34	37	Cherry	Nov.	4	1941	—	3529*
Beeman Creek	Vargason, Orval	Riverview	Beeman Canal	Irrig.	1.00	23	32	20	Keya Paha	May	20	1892	620	—
Beeman Creek	Barnard, C. O.	Springview	Barnard Canal	Irrig.	.43	21	32	20	Keya Paha	June	1	1892	603	—

Stor.-only. Land does not have a direct flow appropriation.
"R" Denotes relocation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which which	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Beeman Creek	Rickman, A. L.	Springview	Beeman Canal	Irrig.	.30	23	32	20	Cherry	July	25	1895	613	—
Big Sandy Cr.	Pickler, W. S.	Cody	Badger Canal	Irrig.	1.14	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	1935	—	2506
Boardman Cr.	Bachelor, C. B.	Valentine	Bachelor Canal	Irrig.	9.17	31	30	32	Cherry	May	11	1930	—	2922
Bone Creek	Bailey, R. R.	Ainsworth	Bailey Pump	Irrig.	1.15	14	30	22	Brown	Jan.	29	1942	—	3549
Box Butte Cr.	Sandoz, Wm.	Marsland	Billys Canal	Irrig.	.21	29	29	45	Sheridan	Jan.	13	1900	—	533
Brush Creek	Nebraska Townsite Co.	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	19	Keya Paha	June	30	1895	608b	—
Burton Creek	Mutz, Otto	Springview	One Trip Canal	Irrig.	.36	2	33	20	Keya Paha	Sept.	2	1895	—	142
Burton Creek	Horton, C. B. and F. T.	Springview	Placid Reservoir	Storage	†80AF	17	34	19	Keya Paha	Feb.	24	1941	—	3400
Burton Creek Springs, Trib. to	Baker, Jno. D.	Burton	Pheasant Roost Lake	Fish	†12AF	5	34	19	Keya Paha	May	15	1940	—	3160

Canyon, Trib. to	Gilmore, Emery	So. Omaha	Gilmore Canal	Irrig.	14.29	36	30	54	Sioux	July	5	1907	—	863	
Cedar Creek	McNamee, Leonard P.	Johnstown	Cedar Creek Canal	Irrig.	.43	4	30	24	Brown	Sept.	28	1910	—	1027	
Coffee Lake, et al	Coffey Lake Drainage District	Valentine	Coffey Lake Ditch	Drain			33	39	Cherry	Nov.	22	1923	—	1729	
Coon Creek (See Laughing Water Cr.)	Leonard, J. R.	Bassett	Leonard Pump	Irrig.	1.00	24	32	19	Rock	Aug.	17	1933	—	2344	
Coon Creek	Leonard, J. R.	Bassett	J. R. Leonard Canal	Irrig.	1.14	24	32	19	Rock	Oct.	19	1940	—	3301	
Coon Creek	Hughes, Joe	Bassett	Hughes Canal	Irrig.	.06	25	32	19	Rock	Oct.	21	1940	—	3302	
Cottonwood Cr.	Morrissey, Tim	Hemingford	Morrissey Canal	Irrig.	.71	17	29	48	Dawes	Feb.	16	1895	481	—	
Cottonwood Cr.	Fendrich and Lichte	Hemingford	Fendrich-Lichte Canal	Irrig.	.64	22	29	48	Dawes	May	9	1896	—	336	
Cottonwood Cr.	Lichte, Hugo	Chadron	Dunlap Canal	Irrig.	.36	22	29	48	Dawes	July	18	1911	—	1113	
Coyote Springs	Watson, Claude R.	Mitchell	Watson Canal	Irrig.	1.41	16	27	54	Sioux	July	7	1934	—	2418	
Coyote Springs	Watson, Claude R.	Mitchell	Coyote Springs Res.	Storage	†15A	F	16	27	54	Sioux	Apr.	1	1936	—	2572
Coyote Springs Reservoir	Watson, Claude R.	Mitchell	Coyote Springs Canal	Stor-only			16	27	54	Sioux	Apr.	1	1936	—	2579
Crooked Creek	Mutz, Otto	Springview	Mutz Canal	Power	3.00	20	34	19	Keya Paha	Dec.	31	1889	608a	—	
Crooked Creek	Mutz, Otto	Springview	Mutz Canal	Irrig.	1.00	20	34	19	Keya Paha	June	30	1895	608b	—	
Cross Creek	Hutchinson, W. H.	Norden	Hutchinson Canal	Irrig.	.21	8	33	24	Keya Paha	Sept.	1	1888	615	—	
Cub Creek	Tissue and Patterson	Springview	Tissue-Patterson Canal	Irrig.	.03	16	33	22	Keya Paha	June	30	1894	618	—	
Cub Creek	Josiassin, S.	Meadville	McComber Canal	Irrig.	.10	28	33	22	Keya Paha	Aug.	15	1894	589	—	
Dry Creek	Christensen, Chris	Merriman	Dry Creek Canal	Irrig.	.41	18	34	38	Cherry	July	8	1935	—	2552	
Dry Creek	Moreland, Grace E.	Merriman	Moreland Canal	Irrig.	.93	16	34	37	Cherry	May	22	1937	—	2745	
Dry Creek	Game, Forestation and Parks Commission	Lincoln	Cottonwood Lake	Fish			16	34	37	Cherry	Feb.	26	1942	—	3555*
Eagle Creek	Bokhof, Wm.	Atkinson	Bokhof Canal	Irrig.	2.86	6	30	13	Holt	Sept.	18	1894	275	—	
Eagle Creek	Robertson, J. A.	Atkinson	Eagle Valley Canal	Irrig.	2.29	1	30	14	Holt	Mar.	15	1895	280	—	

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						County			Mo.	D	Yr.			
						Sec.-ft.	S	T						R
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 Lake	Fish	†1AF	8	31	19	Rock	Apr.	30	1934	---	2375
Fairfield Creek	Kuhre, Wm. M.	Johnstown	Kuhre Plant	Power	25.00	31	33	23	Brown	Sept.	1	1893	612a	---
Fairfield Creek	Kuhre, Wm. M.	Johnstown	Kuhre Canal	Irrig.	.14	31	33	23	Brown	June	1	1894	612b	---
Glencove Springs	Bakewell, Geo. G.	Johnstown	Glencove Canal	Irrig.	.86	26	33	21	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 & Parks Commission	Lincoln	Hackberry Lake	Fish	†5000AF	7	30	29	Cherry	Oct.	18	1932	---	2259
Gordon Creek	Fawn Lake Ranch Co.	Rushville	Gordon Valley Res.	Storage	†95AF	3	28	39	Cherry	July	27	1940	---	3219
Gordon Creek	Young, Phylander H.	Simeon	Young Lake	Resort		24	32	29	Cherry	Sept.	9	1940	---	3258
Gordon Valley Reservoir	Fawn Lake Ranch Co.	Rushville	Gordon Valley Canal	Stor-only			328	39	Cherry	July	27	1940	---	3427
Hay Creek	Johnson, K. T., Estate	Cody	Johnson Canal	Irrig.	.50	19	35	31	Cherry	June	21	1940	---	3187
Hay Creek	Douglas Realty Co.	Omaha	Hay Valley Canal	Irrig.	7.96	26	35	34	Cherry	Dec.	15	1941	---	3540
Hay Springs Cr.	Barnes and Phillips	Hay Springs	Barnes-Phillips Res.	Storage	†12AF	8	31	46	Sheridan	Apr.	15	1935	---	2530
Hay Springs Cr.	Game, Forestation and Parks Commission	Lincoln	Walgren Lake	Fish	†1280AF	29	31	45	Sheridan	May	20	1935	---	2549
Hay Springs Cr., North Branch	State Game and Parks Commission	Lincoln	Walgren Lake	Supple.	A-2549	19	31	45	Sheridan	Dec.	15	1939	---	3053
Heckel Creek	Metzger, Paul	Merriman	Metzger Project 1	Irrig.	.71	26	35	33	Cherry	Mar.	21	1938	---	2851
Heckel Creek	Metzger, Paul	Merriman	Metzger Project 2	Irrig.	.14	23	35	33	Cherry	Mar.	21	1938	---	2852

Holt Creek	Schoettger, F. J.	Burton	Schoettger Canal	Irrig.	.14	32	35	20	Keya Paha	Feb.	23	1895	595	—	
Holt Cr., East	Akers, J. W.	Springview	Akers Canal	Irrig.	.14	1	34	21	Keya Paha	Aug.	1	1894	611	—	
Horse Head Cr. Stream, Trib. to	Bruce, A. Conger, C. K.	Norden	Bruce Canal	Irrig.	.17	16	33	24	Keya Paha	Sept.	7	1895	—	149	
		Norden	Conger Canal	Irrig.	.10	5	33	24	Keya Paha	Sept.	16	1895	—	153	
Horse Shoe Lake, et al	Horse Shoe Lake Drainage District	Irwin	Horse Shoe Ditch	Drain.		13	34	40	Cherry	June	27	1916	—	1461	
Horse Shoe Lake Drain Ditch	Game Forestation and Parks Commission	Lincoln	Shell Lake	Fish.	†\$000	A	F	21	34	40	Cherry	June	14	1940	3180
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	1894	590	—	
Keyapaha R.	Yocum, J. C.	Butte	Yocum Canal	Irrig.	1.14	23	34	15	Boyd	Sept.	7	1894	573	—	
Keyapaha R.	Bruce, Andrew & Son	Naper	Bruce Roller Mills	Power	100.00	24	34	16	Boyd	Oct.	5	1903	—	729	
Kibby Creek	Green, Martha J.	Hillside	Green Canal	Irrig.	.01	28	34	16	Boyd	Apr.	1	1904	—	747	
Laughing Water Creek (See Coon Creek)	Leonard, J. R.	Bassett	Leonard Pump	Irrig.	.43	25	32	19	Rock	Aug.	17	1933	—	2344	
Laughing Water Creek	Leonard, J. R. and Raymond S.	Bassett	Leonard Canal	Irrig.	.68	24	32	19	Rock	Oct.	31	1940	—	3320	
Long Pine Cr. Stream, Trib. to	Consumers P. P. Dist.	Columbus	Long Pine Plant	Power	48.00	30	30	20	Brown	Apr.	2	1909	—	941	
	Grant, C. G.	Long Pine	Grant Canal	Irrig.	.14	4	31	20	Rock	Jan.	1	1895	400	—	
Louse Creek	Lansberry, Mrs. Frankie	Red Bird	Lansberry Canal	Irrig.	.50	12	32	10	Holt	Sept.	18	1930	—	2166	
Middle Cr., E. B.	McGuire, M. W.	Norden	McGuire Canal	Irrig.	.71	32	33	23	Keya Paha	June	1	1884	606	—	
Middle Cr., W. B.	Allen, M. M.	Norden	Allen Canal	Irrig.	.50	29	32	23	Keya Paha	June	1	1891	616	—	
Middle Cr., W. B.	Allen, M. M.	Norden	Allen Canal	Irrig.	1.00	29	33	23	Keya Paha	May	2	1904	—	753	

† Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which which	Provi- sional Grant in		Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
					Sec.-ft.	S	T	R	County	Mo.	D			Yr.
Mile Board Lake	Bd. of Co. Commissioners	Valentine	Mile Board Ditch	Drain			5	34	35	Cherry	Sept.	17	1924	1750
Minnehaduzza Cr.	Consumers P. P. Dist.	Columbus	Pierce Milling Plant	Power	35.00	30	34	27		Cherry	Sept.	12	1896	359
Minnehaduzza Cr.	City of Valentine	Valentine	Valentine Plant	Power	40.00	29	34	27		Cherry	Apr.	16	1913	1279
Minnehaduzza Cr.	Village of Crookston	Crookston	Community Lake	Resort	†27AF	7	34	29		Cherry	Dec.	13	1935	2568
Minnehaduzza Cr.	Game, Forestation and Parks Commission	Lincoln	Valentine Lake	Fish	†98AF	30	34	27		Cherry	July	15	1938	2878
Newman Creek	Newman, Philo	Norden	Newman Canal	Irrig.	.21	17	33	24		Keya Paha	July	1	1888	617
Niobrara River	Richardson, Wiley	Harrison	Lakotah Canal	Irrig.	5.85	1	30	57		Sioux	Oct.	1	1883	554
Niobrara River	Coffee Cattle Co.	Chadron	Earnest Canal No. 1	Irrig.	2.86	9	29	56		Sioux	May	1	1885	514a
Niobrara River	Bruce, A.	Norden	Bruce Mill	Power	60.00	16	23	24		Keya Paha	Apr.	1	1886	610
Niobrara River	Cook, J. H.	Agate	McGinley-Stover Lower North Canal	Irrig.	8.21	25	29	56		Sioux	May	1	1887	513a
Niobrara River	Furman, H. G., Jr.	Marsland	Pioneer Canal	Irrig.	7.14	36	29	51		Dawes	Aug.	1	1887	442a
Niobrara River	Hedgecock, Geo., et al.	Marsland	McLaughlin Canal	Irrig.	7.14	9	28	52		Box Butte	May	1	1888	566
Niobrara River	Cook, J. H.	Agate	McGinley-Stover Lower South Canal	Irrig.	1.71	25	29	56		Sioux	May	1	1890	513b
Niobrara River	Hughes, John	Marsland	Hughes Canal	Irrig.	.57	1	28	52		Box Butte	May	31	1890	987a
Niobrara River	Coffee Cattle Co.	Chadron	Earnest Canal No. 2	Irrig.	2.14	9	29	56		Sioux	May	15	1891	514b
Niobrara River	Cook, J. H.	Agate	Cook Canals 1-2	Irrig.	3.54	2	28	56		Sioux	May	31	1891	980
Niobrara River	Ellicott, Don H., et al.	Harrison	Bigelow-Seymour Canal	Irrig.	2.40	19	31	57		Sioux	June	8	1891	510
Niobrara River	Skavdahl, Oscar, et al.	Harrison	Harris-Neece Canal	Irrig.	8.57	3	28	55		Sioux	July	1	1892	517
Niobrara River	Furman, H. G., Jr.	Marsland	Pioneer Canal	Power	10.00	31	29	50		Dawes	Aug.	1	1893	442b
Niobrara River	Roll Mill Company	Marsland	Roll Mill	Power	35.00	5	28	51		Box Butte	Sept.	10	1893	970
Niobrara River	Green, Frank J., Est.	Boulder, Colo.	Meridian Cannl	Irrig.	.57	25	29	50		Dawes	Jan.	10	1894	459
Niobrara River	Taylor, Geo. L., Est.	Nonpariel	Enterprise Canal	Irrig.	5.71	27	29	50		Dawes	Jan.	27	1894	461

Niobrara River	Furman, Anson L. and Willis B.	Marsland	Furman Canal	Irrig.	3.64	29	29	50	Dawes	Feb.	2	1894	462	---
Niobrara River	Hughes, John	Marsland	Hughes Canal	Irrig.	.30	1	28	52	Box Butte	Apr.	15	1894	987b	---
Niobrara River	Warneke, Henry	Harrison	Johnson Canal	Irrig.	2.09	35	31	57	Sioux	May	1	1894	411	---
Niobrara River	McMannis, J. T., et al.	Hemingford	McMannis-Neeland Canal	Irrig.	.86	29	29	49	Dawes	June	15	1894	463	---
Niobrara River	McCully, S. J.	Carnes	McCully Canal	Irrig.	8.57	25	32	20	Keya Paha	Aug.	7	1894	583	---
Niobrara River	Fienken, Chas.	Dustin	Fienken Canal	Irrig.	1.00	12	33	16	Boyd	Oct.	1	1894	575	---
Niobrara River	Wilson, J. A.	Springview	Wilson Canal	Irrig.	5.71	18	32	21	Keya Paha	Oct.	18	1894	591	---
Niobrara River	Iodence, W. M.	Hemingford	Lichte Canal	Irrig.	1.43	27	29	48	Dawes	Jan.	24	1895	479	---
Niobrara River	Warneke, Hannah	Omaha	Warneke Canal	Irrig.	1.57	27	31	57	Sioux	Feb.	13	1895	505	---
Niobrara River	Cook, J. H.	Agate	McGinley-Stover Upper Canal	Irrig.	2.86	23	29	56	Sioux	Feb.	25	1895	521	---
Niobrara River	Harris, Caroline M. and Frank	Marsland	LaBelle Canal	Irrig.	2.00	6	28	64	Sioux	Mar.	12	1895	518	---
Niobrara River	Furman, H. G.	Marsland	Snow Canal	Irrig.	2.86	35	29	51	Dawes	Mar.	26	1895	485	---
Niobrara River	Hughes, John	Marsland	Excelsior Canal	Irrig.	2.86	10	28	52	Box Butte	May	15	1895	568	---
Niobrara River	Mann, John E.	Harrison	Bourett Canal	Irrig.	2.00	33	30	56	Sioux	June	8	1895	---	4
Niobrara River	Bourett, John S.	Harrison	Bourett South Canal	Irrig.	1.16	29	30	56	Sioux	June	10	1895	---	5
Niobrara River	Harris, Caroline M.	Marsland	LaBelle Canal	Irrig.	3.14	6	28	54	Sioux	July	3	1895	---	60
Niobrara River	Bond and Tissott	Peters	Usher Canal	Irrig.	1.16	19	29	46	Sheridan	July	17	1895	---	82
Niobrara River	Thompson, Mrs. Addie	Antioch	Moore Canal	Irrig.	5.71	9	28	53	Sioux	July	22	1895	---	88
Niobrara River	Hunter, Jas. A.	Alliance	Meridian Canal	Irrig.	5.14	25	29	50	Dawes	Aug.	14	1895	---	469
Niobrara River	Sandoz, George	Gordon	Mettlen Canal	Irrig.	4.90	4	28	54	Sioux	Apr.	27	1896	---	292
Niobrara River	Neeland, Sarah J.	Hemingford	McMannis-Neeland Canal	Irrig.	1.07	29	29	49	Dawes	Apr.	9	1898	---	448
Niobrara River	Armstrong, T. S.	Butte	Armstrong Plant	Power	150.00	9	33	13	Boyd	May	14	1898	---	452
Niobrara River	Bourett, J. S.	Harrison	Bourett Canal	Irrig.	1.00	29	30	56	Sioux	Mar.	5	1900	---	542
Niobrara River	Richardson, Wiley	Harrison	J. S. Bourett Canal	Irrig.	2.00	19	30	56	Sioux	Mar.	17	1900	---	546
Niobrara River	Montague, Elizabeth	Hemingford	Montague Canal	Irrig.	.43	27	29	48	Dawes	Sept.	27	1900	---	575
Niobrara River	Montague, Elizabeth	Hemingford	Chladek Canal	Irrig.	.30	26	29	48	Dawes	Mar.	18	1901	---	607
Niobrara River	Wegrzyn, Bina	Hemingford	Fendrich Canal	Irrig.	.29	32	29	48	Dawes	June	1	1901	---	616
Niobrara River	Wegrzyn, Bina	Hemingford	Fendrich Canal	Irrig.	.27	32	29	48	Dawes	June	1	1901	---	617
Niobrara River	Consumers P. P. Dist.	Columbus	Valentine Plant	Power	1600.00	27	34	27	Cherry	Jan.	29	1902	---	652
Niobrara River and Pepper Cr.	Taylor, D. T.	Hay Springs	Taylor Canal	Irrig.	4.57	28	29	47	Dawes	Aug.	8	1904	---	766

†Reservoir capacity alleged by applicant.

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

138

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of .			Date of			Doc. No.	App. No.
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Niobrara River	Kirk, E. L.	Sioux City, Iowa	Nebr. Pwr. Co. Plant	Power	900.00	34	32	7	Knox	Sept.	24	1909	961
Niobrara River	Kirk, E. L.	Sioux City, Iowa	Nebr. Pwr. Co. Plant	Power	700.00	34	32	7	Knox	Aug.	9	1910	1019
Niobrara River	Mann, John E.	Harrison	Beiser Canal	Irrig.	.50	4	20	56	Sioux	Jan.	23	1911	1056
Niobrara River	Mann, John E.	Harrison	Bourett Canal	Irrig.	.75	33	30	56	Sioux	Jan.	23	1911	1057
Niobrara River	Iodence, W. M.	Hemingford	Lichte Canal	Irrig.	2.25	27	20	48	Dawes	Apr.	7	1911	1086
Niobrara River	Dierex, Camille	Rushville	Camille Canal	Irrig.	1.53	19	30	43	Sheridan	Apr.	10	1911	1087
Niobrara River	Montague, Elizabeth	Hemingford	Lichte Canal	Irrig.	.71	27	29	48	Dawes	Apr.	19	1911	1088
Niobrara River	Iodence, Charles G.	Hemingford	Lichte Canal	Irrig.	.24	27	29	48	Dawes	Jan.	2	1912	1152
Niobrara River	Bourett, John	Harrison	Bourett Canal No. 1	Irrig.	.11	29	30	56	Sioux	Mar.	25	1912	1188
Niobrara River	Wells, Harry E.	Butte	Wells Pump	Irrig.	1.64	32	32	40	Cherry	May	2	1912	1193
Niobrara River	Bourett, John	Harrison	Bourett Canal No. 2	Irrig.	.21	29	30	56	Sioux	July	19	1912	1209
Niobrara River	Davison, F. B., et al	Marsland	Mettlen Canal	Irrig.	.75	4	28	54	Sioux	Dec.	18	1912	1248
Niobrara River	Davison, F. B., et al	Marsland	Bennett Canal	Irrig.	3.45	1	28	54	Sioux	Dec.	18	1912	1249
Niobrara River	Bushnell, Esther N.	Marsland	Geo. Hitshew Canal	Irrig.	6.00	6	28	52	Box Butte	Feb.	17	1913	1260
Niobrara River	Coffee Cattle Co.	Chadron	Coffee Canal No. 3	Irrig.	2.50	15	29	56	Sioux	Mar.	24	1914	1362
Niobrara River	U. S. Forest Reserve	Nenzel	Morton Nursery Canal	Irrig.	.50	30	33	32	Cherry	June	15	1917	1488
Niobrara River	Davison, Fred B.	Marsland	Davison Canal	Irrig.	.21	12	28	54	Sioux	Apr.	27	1922	1662
Niobrara River	Consumers P. P. Dist.	Columbus	Northern Nebr. Plant No. 1	Power	1450.00	30	33	11	Boyd-Holt	Oct.	30	1923	1725
Niobrara River	Consumers P. P. Dist.	Columbus	Northern Nebr. Plant No. 1	Rs. Dam	A-1725	30	33	11	Boyd-Holt	Aug.	20	1925	1777
Niobrara River	Consumers P. P. Dist.	Columbus	Northern Nebr. Plant No. 1	Rs. Dam	A-1725	30	33	11	Boyd-Holt	Aug.	29	1927	1955
Niobrara River	Bradstreet, W. D.	Spencer	Verdigris Plant	Power		32	32	7	Knox	Dec.	30	1930	2183*
Niobrara River	Sandoz, Geo. E.	Gordon	Mettlen Canal	Irrig.	1.14	4	28	54	Sioux	Oct.	13	1931	2244
Niobrara River	Kay, D. L.	Marsland	Kay Canal No. 2	Irrig.	.43	9	28	53	Sioux	Oct.	15	1931	2245
Niobrara River	Kay, D. L.	Marsland	Kay Canal	Irrig.	3.14	1	28	54	Sioux	Nov.	18	1931	2250
Niobrara River	Hughes, John R.	Marsland	Excelsior Canal	Irrig.	1.92	10	28	52	Box Butte	Mar.	28	1932	2264

REPORT OF THE STATE ENGINEER

Niobrara River	Montague, Elizabeth	Hemingford	Montague Canal	Irrig.	1.76	28	29	48	Dawes	Mar.	31	1932	2266
Niobrara River	Harris, Frank, et al	Marsland	Harris-Neece Canal	Irrig.	7.27	3	28	55	Sioux	July	11	1932	2275
Niobrara River	Nellis, Claud	Monowi	Nellis Pump	Irrig.	.09	2	32	9	Boyd	Apr.	24	1933	2319
Niobrara River	Bushnell, Esther N.	Marsland	Hitshew Canal No. 2	Irrig.	.92	6	28	52	Box Butte	Jan.	28	1935	2509
Niobrara River	Iodence, Chas.	Hemingford	Lichte Canal	Irrig.	2.95	27	29	48	Dawes	Mar.	2	1935	2523
Niobrara River	Johndreau, J. N.	Gordon	Johndreau Pumps	Irrig.	.96	24	31	42	Sheridan	Aug.	9	1935	2555
								25	42				
Niobrara River	Potmesil, John	Hemingford	Potmesil Canal	Irrig.	6.76	26	29	48	Dawes	Oct.	29	1935	2566
Niobrara River	Nissen, Peter J.	Hay Springs	Nissen Pump	Irrig.	1.54	23	29	46	Sheridan	May	5	1936	2573
Niobrara River	Woodhouse, Earl	Gordon	Woodhouse Pump	Irrig.	.34	17	31	41	Sheridan	Apr.	25	1936	2623
Niobrara River	Kuchera, Harry J.	Rushville	Kuchera Pump	Irrig.	.90	32	30	44	Sheridan	Nov.	6	1936	2654
Niobrara River	United States of America	Denver, Colo.	Mirage Canal	Irrig.		26	29	48	Dawes	Jan.	25	1937	2683*
						29	29	48					
Niobrara River	United States of America	Denver, Colo.	Mirage Res. No. 1	Storage		28	29	49	Dawes	Mar.	6	1937	2709a*
Niobrara River	United States of America	Denver, Colo.	Mirage Res. No. 2	Storage		10	29	46	Sheridan	Mar.	6	1937	2709b*
			Mirage Res. No. 3			6	29	45					
Niobrara River	Lichte, Hugo	Chadron	Montague Canal	Irrig.	.29	27	29	48	Dawes	June	14	1937	2754
Niobrara River	Iodence, Chas. G.	Hemingford	Lichte Canal	Irrig.	1.46	27	29	48	Dawes	Feb.	11	1938	2837
Niobrara River	Iodence, Chas. G.	Hemingford	Iodence Pump	Irrig.	1.64	26	29	48	Dawes	Feb.	11	1938	2838
Niobrara River	Montgomery, John	Niobrara	Barnhart Pump	Irrig.	.35	17	32	6	Knox	June	19	1939	2930
Niobrara River	Dalton, Charles S., et al	Niobrara	Raymond Pump	Irrig.	15.47	2	31	7	Knox	Sept.	21	1939	2968
Niobrara River	Bauder, G. E.	Rushville	Bauder Pump	Irrig.	1.54	29	33	37	Cherry	Feb.	27	1941	3404
Niobrara River	Hrbek, Fred	Monowi	Nellis Pump	Irrig.	.03	2	32	9	Boyd	June	12	1941	3449
Niobrara River	United States of America	Denver, Colo.	Box Butte Reservoir	Storage		33	29	49	Dawes	June	24	1941	3456*
Niobrara River	Consumers P. P. Dist.	Omaha	Northern Nebr. Plant No. 1	Power	550.00	30	33	11	Boyd-Holt	June	5	1942	3574
Niobrara River	Iodence, Chas. G.	Hemingford	Lichte Canal	Irrig.	.66	27	29	48	Dawes	Dec.	28	1942	3592
Niobrara River	United States of America	Denver, Colo.	Mirage Flats Canal	Irrig.		26	29	48	Sheridan	May	18	1944	3729*
Niobrara River, Ravine, Trib. to	Anderson, Otto	Hay Springs	Anderson Reservoir	Storage	†20AF	2	29	47	Dawes	Oct.	16	1940	3297

* Application pending

† Reservoir capacity alleged by applicant.

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

140

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	in			Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.
					Grant Provi- sional Sec.-ft.	S		R	County	Mo.	D	Yr.			
						T	R								
Niobrara River, Ravine, Trib. to Pine Creek	Wilson, John L.	Harrison	Wilson Reservoir	Storage	77A	27	33	57	Sioux	Nov.	26	1940	—	3337	
Plum Creek	Colclesser, Lewis	Rushville	Pine Creek Mills	Power	32.00	33	30	44	Sheridan	June	5	1893	415	—	
Plum Creek	Plum Creek Irrig. Co.	Johnstown	Johnstown Canal	Irrig.	26.00	4	29	24	Brown	Dec.	18	1894	405	—	
Plum Creek	Wilbert, R.	Ainsworth	Wilbert Canal	Irrig.	.43	35	32	23	Brown	May	5	1896	—	329	
Plum Creek	Consumers P. P. Dist.	Columbus	Plum Creek Plant	Power	150.00	32	32	22	Brown	May	15	1909	—	947	
Pole Creek	Julian and Wells	Gordon	Pole Creek Canal	Irrig.	.57	28	32	40	Cherry	June	29	1905	—	799	
Red Bird Cr.	Mellor, G. W.	Red Bird	Mellor Pump	Irrig.	.32	14	32	10	Holt	Oct.	24	1940	—	3308	
Richman Creek	Byington, Mrs. W. W.	Riverview	Byington Canal	Irrig.	1.00	22	32	20	Keya Paha	May	19	1891	582	—	
Rock Creek	Eastlick, B. J.	Carns	Necessity Canal	Irrig.	.36	29	32	18	Rock	Jan.	17	1895	395	—	
Rock Creek	Wile, H.	Mariaville	Wile Canal	Irrig.	.86	9	31	18	Rock	Apr.	3	1895	397	—	
Rock Creek	Dugger, Brothers	Bassett	Dugger Canal	Irrig.	4.57	33	32	13	Rock	Apr.	24	1919	—	1539	
†Rock Creek	Van Koten, J.	Springview	Van Koten Canal	Irrig.	.07	25	33	22	Keya Paha	Jan.	1	1885	619	—	
Rock Springs Cr.	Chase, Albert B.	Meadville	Moore Canal	Irrig.	1.43	12	32	22	Keya Paha	June	30	1887	593	—	
Sand Creek	Peacock, Gardie M.	Newport	Peacock Canal	Irrig.	.02	35	32	18	Rock	Nov.	14	1929	—	2112	
Sand Creek	Coakley, John A.	Lynch	Coakley Pump	Irrig.	.57	6	32	9	Holt	Dec.	15	1934	—	2499	
Shobe Branch	Lamb, A. J.	Spencer	Lamb Canal	Irrig.	.14	30	33	11	Holt	July	6	1896	—	322	
Snider Creek	Pickler, W. C.	Springview	Old Canal	Irrig.	.01	31	33	19	Keya Paha	May	1	1894	607	—	
Spotted Tail Cr.	Rhodes, J. G.	McLean	Spotted Tail Canal	Irrig.	.07	4	34	17	Keya Paha	May	17	1895	601	—	
#Spring Creek	Kuskie, A. K.	Sparks	Garden Canal	Irrig.	.09	27	34	25	Cherry	Mar.	30	1900	—	555	

REPORT OF THE STATE ENGINEER

# Spring Creek	Baker, H. H.	Mills	Horse Shoe Lake	Fish	†16AF	4|34	18	Keya Paha	May	10|1934	—	2380
# Spring Creek	Spinar, Frank J.	Red Bird	Spinar Canal	Irrig.	.29	1|32	11	Holt	Feb.	25|1935	—	2519
# Spring Creek	Smith, Harold R.	Naper	Smith Canal	Irrig.	.16	26|34	16	Boyd	July	26|1940	—	3217
Springs, Lewis	Lewis, Ralph	Burton	Lewis Canal	Irrig.	.14	29|35	19	Keya Paha	Aug.	30|1895	—	139
Springs, Prouty	Prouty, H. S.	Spencer	Prouty Canal	Irrig.	1.44	5|32	11	Holt	June	1|1934	—	2393
Springs, Wrede	Wrede, John	Red Bird	Wrede Canal	Irrig.	.31	8|32	10	Holt	July	28|1934	—	2449
Springs, Spinar	Spinar, Frank J.	Red Bird	Spinar Canal	Irrig.	.23	1|32	11	Holt	Apr.	9|1935	—	2535
Turkey Creek	LaRue, Chas.	Long Pine	LaRue Canal No. 1	Irrig.	.43	35|33	23	Keya Paha	Feb.	9|1900	—	539
Turkey Creek	LaRue, Chas.	Long Pine	LaRue Canal No. 2	Irrig.	2.00	35|33	23	Keya Paha	May	11|1904	—	754
Turkey Creek	Stuart, Solon D.	Springview	Stuart Canal	Irrig.	.03	23|33	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	Primrose Pump	Irrig.	.07	36|33	23	Keya Paha	Oct.	29|1934	—	2489
Turkey Creek, Trib. to	O. H. Johnson and Co.	Norfolk	Johnson Pump	Irrig.	.01	23|33	23	Keya Paha	Apr.	23|1935	—	2541
Verdigre River	Hanson, J. W.	Emmettburg, Iowa	Drayton Canal	Irrig.	2.86	8|28	8	Antelope	Aug.	11|1894	248	—
Verdigre River, Springs, Trib. to	Backers, Lydia O.	North Platte	Backers Canal	Irrig.	5.94	15|29	9	Holt	June	15|1942	—	3577
Whistle Creek	Davison, Ella	Marsland	Whistle Creek Canal	Irrig.	1.00	12|28	54	Sioux	June	28|1895	—	58
Whistle Creek	Harris, Frank	Marsland	Home Canal	Irrig.	.86	13|28	54	Sioux	July	3|1895	—	65
Wilson Res.	Wilson, John L., et al.	Harrison	Wilson Canal	Stor.-only		27|33	57	Sioux	Nov.	26|1940	—	3490
Wyman Creek	McCully, R. A.	Carns	McCully Canal	Irrig.	.80	19|32	19	Keya Paha	June	10|1891	604	—
Wyman Creek	Horton, I.	Carns	Horton Canal	Irrig.	.14	17|32	19	Keya Paha	June	5|1894	587	—
Young Creek	Lamb, A. J.	Spencer	Harvey-Lamb Canal	Irrig.	.21	32|33	11	Holt	June	13|1896	—	311

† Reservoir capacity alleged by applicant.

‡ Rock Creek in Keya Paha County and Rock Creek in Rock County are separate streams.

Spring Creek in each county is a different stream.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION NO 2-D

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in			Location of Location of			Date of Priority			Doc. No.	App. No.
					Sec.-ft.	S	T	R	County	Mo.	D	Yr.			
Ash Creek	Connell, W. D.	Whitney	Connell Canal	Irrig.	.63	6	32	50	Dawes	June	17	1898	---	459	
Ash Creek	Cripps, Gregory R.	Whitney	Cripps Canal	Irrig.	1.14	13	32	51	Dawes	Dec.	26	1903	---	735	
Ash Creek	Howard, W. C.	Whitney	Cripps Canal	Irrig.	.57	13	32	51	Dawes	Aug.	27	1906	---	835	
Ash Creek	Cripps, Gregory R.	Whitney	Cripps Reservoir	Storage	†90AF	12	32	51	Dawes	Sept.	28	1934	---	2481	
Ash Creek	Cartwright, Cora H. C. Estate	Whitney	Cartwright Pump	Irrig.	.07	7	32	50	Dawes	Mar.	13	1940	---	3117	
Ash Cr., East	Tomlin, H. B., Estate	Crawford	Ox Yoke (Tomlin) Canal	Irrig.	1.38	29	32	50	Dawes	May	31	1880	447R	---	
Ash Cr., East	Ivins, Myrtle L. and Stumph, John E.	Crawford	Stumph Canal	Irrig.	1.00	32	32	50	Dawes	May	31	1880	447R	---	
Ash Cr., East	Sprague, Lewis Edgar, et al	Chadron	Barron Canal	Irrig.	1.14	32	32	50	Dawes	July	1	1888	438R	---	
Ash Cr., East	Holding Brothers	Arcadia, Cal.	Stumph Canal	Irrig.	.20	31	32	50	Dawes	Sept.	5	1892	1023 1/2	---	
Ash Cr., East	Stumph, John E.	Whitney	Ox Yoke (Stumph Canal	Irrig.		31	32	50	Dawes				1051*	---	
Ash Cr., East	Ivins, Orville R.	Crawford	Sheldon Canal	Irrig.	1.43	30	32	50	Dawes	Jan.	26	1899	---	453	
Ash Cr., East	Vetter, Andrew, Jr.	Whitney	Todd Canal	Irrig.	.38	5	31	50	Dawes	Sept.	12	1899	---	520	
Ash Cr., East (See Indian Cr.)	Norman, Harry	Whitney	Norman-Barron Reservoir	Storage	†776AF	32	32	50	Dawes	Aug.	22	1927	---	1953	
Ash Cr., East	Sprague, Lewis Edgar, et al	Chadron	Barron Canal	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	Séegríst, Cloyd	Whitney	Seegríst Plant	Power	3.00	8	31	50	Dawes	May	20	1930	---	2140	
Ash Cr., East	Stump, John E.	Whitney	Ox Yoke-Stumph Canal	Irrig.		31	32	50	Dawes	June	6	1931	---	2205*	
Ash Cr., West	Vetter, Jos. and Leo	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.	.40	36	32	51	Dawes	July	4	1893	452	---	
Ash Cr., West	Ivins, Myrtle L., et al.	Crawford	West Ash Cr. Canal	Irrig.	.80	35	32	51	Dawes	July	4	1893	452R	---	
Ash Cr., West	Ivins, Orville R.	Crawford	Wall Canal	Irrig.	.57	35	32	51	Dawes	Feb.	3	1898	---	434	
Ash Cr., West	Ivins, Myrtle L., et al.	Crawford	West Ash Creek Canal	Irrig.	1.31	35	32	51	Dawes	Jan.	6	1941	---	3362	
Beaver Creek	Isham, Mrs. Gladys and Braddock, Doris	Chadron Palo Alto, Calif.	Lockler Canal	Irrig.	1.83	34	35	47	Dawes	Sept.	15	1892	1017	---	

Beaver Creek	Isham, Mrs. Gladys and Braddock, Doris	Chadron Palo Alto, Calif.	Braddock Canal	Irrig.	.36	18 34	46	Sheridan	Apr.	15 1895	423	—
Beaver Creek	Braddock, J. F.	Chadron	Braddock Canal	Irrig.	.04	1 34	47	Dawes	Apr.	15 1895	974	—
Beaver Creek	Braddock, J. F.	Chadron	Braddock Canal	Irrig.	.64	1 34	47	Dawes	Nov.	24 1897	—	463
Beaver Creek	U. R. Land & Cattle Co.	Chadron	Cilek Canal	Irrig.	.36	4 32	46	Sheridan	June	19 1899	—	513
Beaver Creek	Rickman, A. W.	Chadron	Rickman Canal	Irrig.	1.00	9 33	46	Sheridan	July	2 1902	—	681
Beaver Creek	Isham, Mrs. Gladys and Braddock, Doris	Chadron Palo Alto, Calif.	Braddock Canal	Irrig.	.30	18 34	46	Sheridan	Sept.	19 1928	—	2033
Beaver Creek	Isham, Mrs. Gladys and Braddock, Doris	Chadron Palo Alto, Calif.	Lockler Canal	Irrig.	.49	34 35	47	Dawes	Sept.	19 1928	—	2034
Beaver Creek	Tulloss, Frank L.	Hay Springs	Tulloss Lake	Fish	†4AF	3 22	46	Sheridan	May	22 1930	—	2141
Bordeaux, Big	O'Donnell, Pat	Chadron	O'Donnell Canal	Irrig.	.14	9 34	48	Dawes	Jan.	17 1898	—	432
Bordeaux, Big	Thomas Brothers	Chadron	Thomas Canal	Irrig.	.16	34 34	48	Dawes	Sept.	12 1924	—	1748
Bordeaux, Big	O'Donnell, Pat	Chadron	O'Donnell Canal	Irrig.	.63	9 34	48	Dawes	Sept.	22 1928	—	2036
Bordeaux, Big	Kelso, S. M.	Chadron	Bell Isle Lake	Fish	†15AF	23 33	48	Dawes	June	13 1930	—	2144
Bordeaux, Big	Bass, Verner	Chadron	Kelso Pump	Irrig.	.10	14 33	48	Dawes	July	24 1930	—	2151
Bordeaux, Big	Nelson, Olufine N., et al	Chadron	Kelso Pump No. 1	Irrig.	.14	14 33	48	Dawes	Aug.	11 1932	—	2270
Bordeaux, Big	Bass, Verner	Chadron	Kelso Pump No. 2	Irrig.	.03	14 33	48	Dawes	July	7 1933	—	2328
Bordeaux, Big	Gochnauer, Chris. H.	Chadron	Gochnauer Canal	Irrig.	.17	10 33	48	Dawes	July	11 1934	—	2420
Bordeaux, Big	Martens, Paul A.	Chadron	Martens Pump	Irrig.	.21	16 34	48	Dawes	Nov.	16 1937	—	2801
Bordeaux, Big	Nelson, Ernest E.	Chadron	Nelson Pump	Irrig.	1.06	14 33	48	Dawes	May	25 1942	—	3570
Bordeaux, Little	Schmidt, Elwin	Crawford	Hartzell Canal	Irrig.	.57	13 33	48	Dawes	June	1 1893	448	—
Bordeaux, Little	Frady, C. H.	Chadron	Frady Canal	Irrig.		30 33	47	Dawes			1009*	—
Chadron Creek	City of Chadron	Chadron	Chadron Water Works	Dom.	1.00	18 32	48	Dawes	Dec.	31 1888	1022	—
Chadron Creek	Gorr, James O., Est.	Chadron	Gallup Canal	Irrig.	.09	15 33	49	Dawes	Dec.	20 1890	426	—
Chadron Creek	Wilson, H. M.	Chadron	Tug Wilson Canal	Irrig.	.20	12 32	49	Dawes	July	13 1893	453	—
Chadron Creek	City of Chadron	Chadron	Chadron Water Wks.	Dom.	4.50	18 32	48	Dawes	Apr.	8 1920	—	1533

† Reservoir capacity alleged by applicant.

"R" Denotes relocation.

* Application pending, or claim not adjudicated.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						Sec.-ft.	S	T	R	County	Mo.			D	Yr.
Chadron Creek	State Park Board	Lincoln	State Park Lake	Resort	†10AF	31	32	48	Dawes	Apr.	17	1928	—	2007
Charcoal Creek	Lingwood, Thurston	Crawford	Charcoal Canal	Irrig.	.13	33	31	53	Sioux	Apr.	2	1940	—	3130
Cottonwood, Big Ravine, Trib. to	Moody, Tom	Crawford	Hawk Nest Reservoir	Storage	†17AF	31	34	52	Dawes	Dec.	8	1941	—	3537
Cottonwood, Big Ravine, Trib. to	Moody, Tom	Crawford	North Draw Reservoir	Storage	†34AF	32	34	52	Dawes	Dec.	8	1941	—	3538
Cottonwood, Big Ravine, Trib. to	Norman, Ben	Crawford	Norman Reservoir	Storage	†150AF	35	34	53	Sioux	July	6	1942	—	3580
						2	33	53						
Cottonwood, Lit.	Golden, T. F., Estate	Crawford	Thomas Stuart Canal	Irrig.	.36	8	32	52	Dawes	Dec.	21	1890	425	—
Cottonwood, Lit.	Price, J. A. B. and Golden T. F., Estate	Crawford	Stuart Bros. North Canal	Irrig.	1.43	18	32	52	Dawes	June	10	1895	—	8
Cottonwood, Lit.	Price, J. A. B. and Golden T. F., Estate	Crawford	Stuart Brds. South Canal	Irrig.	1.43	18	32	52	Dawes	June	10	1895	—	8R
Cottonwood, Lit.	Abbott, Wm. J., Est.	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.	Hanks, Vera, et al.	Chadron	Kusel-Spearman Canal	Irrig.	.71	8	32	51	Dawes	June	30	1902	—	677
Cottonwood, Lit.	Lawrence, Fay	Crawford	Broadhurst Canal	Irrig.	3.29	7	32	51	Dawes	Feb.	25	1913	—	1264
Cottonwood, Lit.	Dodd and McDowell	Crawford	Dodd-McDowell Res.	Storage	†480AF	13	32	53	Sioux	Apr.	15	1913	—	1276
Cottonwood, Lit.	Simons, Raner	Crawford	Simons Canal	Irrig.	.77	9	32	51	Dawes	Feb.	12	1934	—	2363
Cottonwood, Lit.	Whitney Irrig. Dist.	Crawford	Simmons Supply Canal	Supple.	†350AF	7	32	51	Dawes	Aug.	11	1936	—	2607
			Blust Supply Canal	Supple.	†2000AF	7	32	51						
				A-1603										
				A-1603										
Cripps Res.	Cripps, Gregory R.	Whitney	Cripps Pump	Stor-only		12	32	51	Dawes	Sept.	28	1934	—	2571
Cuff Canyon	Sanders, Warren	Chadron	Sanders Canal	Irrig.	.07	5	31	49	Dawes	Nov.	2	1932	—	2290

Dead Horse Cr.	Whitsel, John W.	Chadron	Kemery Canal	Irrig.	.01	5/31	49	Dawes	Sept.	1	1890	493	—
Dead Horse Cr.	Woodruff, F. B., et al.	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, Mrs. C. M., et al	Chadron	Slattery Canal	Irrig.	.99	32/33	49	Dawes	Apr.	6	1904	—	749
Dead Horse Cr.	White, Mrs. C. M., et al	Chadron	Slattery Canal	Irrig.	.95	30/33	49	Dawes	Apr.	6	1904	—	749R
Dead Horse Cr.	White, Mrs. C. M.	Chadron	Slattery Canal	Irrig.	.55	32/33	49	Dawes	June	15	1923	—	2021
Dead Horse Cr., Spgs., Trib. to	Goff, Theodore	Chadron	Goff Canal	Irrig.	.14	30/32	49	Dawes	Apr.	2	1891	441	—
Dead Man Cr.	City of Crawford	Crawford	Dead Man Canal	Dom.	1.00	26/31	53	Sioux	Dec.	15	1938	—	2899
Deep Creek	Dalton, Archie	Douglas, Wyo.	Deep Creek Canal	Irrig.	.06	9/30	53	Sioux	May	1	1887	525	—
Deep Creek	Dalton, Archie	Douglas, Wyo.	Holberg Lake	Storage	†1.50AF	4/30	53	Sioux	July	19	1933	—	2334
Deep Creek	Dalton, Archie	Douglas, Wyo.	Deep Creek Canal	Irrig.	.22	9/30	63	Sioux	July	19	1933	—	2335
Dodd-McDowell Res.	Dodd, Mrs. Calvin H.	Crawford	Dodd-McDowell Canal	Stor.-only		17/32	52	Dawes	Apr.	15	1913	—	1571
Dry Canyon	Betson, Wm. A.	Crawford	Betson Canal	Irrig.	1.00	33/32	51	Dawes	Mar.	22	1917	—	1481
Dry Creek (See White R.)	Whitney Irrig. Dist.	Crawford	Pilister Reservoir	Supple. S. A-1603	†360AF	15/33	51	Dawes	Aug.	11	1936	—	2608
			Stewart Reservoir	Supple. S. A-1603	†700AF	15/33	51						
			Balwin Reservoir	Supple. S. A-1603	†340AF	15/33	51						
Dry Draw	Ernest, Geo. A.	Chadron	Ernest Canal	Irrig.	3.71	22/35	49	Dawes	Feb.	20	1911	—	1061,
Dry Draw	Heath, Mrs. W. E.	Crawford	Heath Reservoir	Storage	†200AF	12/32	53	Sioux	Feb.	7	1917	—	1475
Dry Run	Campbell, F. J.	Chadron	Campbell Canal	Irrig.	1.00	35/34	49	Dawes	Nov.	9	1908	—	919
Dry Run	Guse, Wm.	Whitney	Guse Canal	Irrig.	1.76	35/34	52	Dawes	Jan.	13	1914	—	1345
Dry Run	Harrison and Weston	Whitney	Harsh-Weston Canal	Irrig.	3.00	31/34	51	Dawes	Mar.	11	1914	—	1361

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
English Creek	McDowell, Robt. H.	Crawford	McDowell System	Irrig.	.87	12	31	52	Dawes	Oct.	24	1904	—	772
English Creek	McDowell, Mrs. Effie	Crawford	McDowell Lake No. 3	Fish	†5AF	2	31	52	Dawes	Jan.	22	1929	—	2064
			McDowell Lake 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, Jesse B.	Crawford	Arner Canal	Irrig.	.14	27	33	53	Sioux	May	6	1913	—	1289
Harris Res.	Dodd, Clara A.	Crawford	Harris Canal	Stor.-only		32	33	52	Dawes	Sept.	29	1922	—	1996
Heath Res.	Heath, Mrs. W. E.	Crawford	Heath Canal	Stor.-only		12	32	53	Sioux	Feb.	7	1917	—	1612
Hooker Creek	Bauersachs, Lena	Crawford	Bauersachs Canal	Irrig.	1.00	7	31	51	Dawes	Dec.	31	1889	492	—
Hooker Creek	Scott and Steenburg	Aurora	Alcorn Canal	Irrig.	1.21	31	32	51	Dawes	Nov.	17	1906	—	803
Hooker Creek	Souther, Mable G.	Lincoln	Souther Lake	Irrig.	1.43	30	32	51	Dawes	Sept.	24	1908	—	915
Indian Creek	Renfro, Oscar S.	Chadron	Seegrists Canal	Irrig.	.03	3	31	50	Dawes	Nov.	1	1893	439	—
Indian Creek	Renfro, Oscar S.	Chadron	Seegrists Canal	Irrig.	.86	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	†60AF	2	31	50	Dawes	June	21	1926	—	1822
Indian Creek	Norman, Elmer D.	Whitney	Norman Canal	Storage	1.28	16	32	50	Dawes	Aug.	18	1927	—	1952
Indian Creek (See E. Ash Cr.)	Norman, Harry	Whitney	Norman Canal	Irrig.		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 Cr., Trib. to Indian Tree Cr.	Honnold Brothers	Whitney	Honnold-Wilson Canal	Irrig.	.07	3	31	50	Dawes	May	25	1912	—	1199
Larabee Creek	Sawyer, Clarence O.	Rushville	Larabee Canal	Irrig.	1.12	6	34	44	Sheridan	Apr.	14	1931	—	2197
Larabee Creek	McParland, J. F., Jr.	Rushville	McParland Canal	Irrig.	.33	22	34	44	Sheridan	Jan.	9	1942	—	3544

Madden Cr. and North Creek	Flannigan, O. R.	Chadron	Dams	Irrig.	.57	31	35	48	Dawes	Oct.	17	1904	---	771
Minneapolis Cr.	Smoke, Wm. H.	Chadron	Minneapolis Res.	Irrig.	.14	19	33	48	Dawes	July	21	1930	---	2149
Norman Res.	Norman, Harry	Whitney	Harry Canal	Stor-only		8	32	50	Dawes	Aug.	22	1927	---	2179
Patton Creek	Greenwood, Claude H.	White Clay	Greenwood Pump	Irrig.	1.07	32	35	44	Sheridan	Mar.	14	1938	---	2845
Pinney-Denslow Res.	Pinney, Ralph B.	Crawford	Pinney Canal No. 2	Stor-only		17	32	51	Dawes	Aug.	10	1911	---	2493
Renfro Res.	Renfro, Oscar	Chadron	Secgrist Canal	Stor-only		3	31	50	Dawes	June	21	1926	---	1823
Rush Creek	Braddock, H. T.	Chadron	Braddock Canal	Irrig.	3.00	10	34	49	Dawes	May	4	1903	---	706
Sand Creek	Everson and Arner	Crawford	Bendix Canal	Irrig.	.57	35	33	53	Sioux	Nov.	19	1895	---	189
Sand Creek	Everson and Arner	Crawford	Bendix Canal	Irrig.	.83	35	33	53	Sioux	May	27	1922	---	1669
Saw Log, East	Young, Chas. A.	Crawford	Stephenson Canal	Irrig.	.33	25	31	52	Dawes	Mar.	5	1907	---	852
Saw Log, East	Baker, A. D.	Crawford	Baker Canal	Irrig.	.04	5	30	51	Dawes	Jan.	3	1908	---	884
Saw Log, East	Van Treck, P. H.	Crawford	Van Treck Canal	Irrig.	.37	5	30	51	Dawes	May	8	1911	---	1098
Saw Log, Little (See White Clay Cr.)	Stewart, H. E.	Crawford	Little Saw Log Canal	Irrig.	.71	12	30	52	Dawes	Jan.	23	1907	---	849
Saxson Draw	Dodd, Clara A.	Crawford	Harris Reservoir	Storage	†7A	32	33	52	Dawes	Sept.	29	1922	---	1689
Sheridan Cr.	Getchell, G. C.	Pine Ridge, S. D.	Getchell Canal	Irrig.	.07	27	34	45	Sheridan	Aug.	1	1894	418	---
Soldier Creek	Rodgers, J. J.	Crawford	Rodgers Canal	Irrig.	.14	5	31	53	Sioux	Apr.	30	1883	546	---
Soldier Creek	James, George A.	Crawford	James Canal	Irrig.	2.89	5	31	53	Sioux	Mar.	22	1941	---	3417

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Spring Branch (Tucker Cr.)	Cutler, Jennie R.	Harrison	Tucker Canal	Irrig.	.17	34	31	54	Sioux	June	1	1883	557	---
Spring Creek	Galbreath, Alfred Lee and Albert Earl	Crawford	Mozeter Canal	Irrig.	1.14	13	32	52	Dawes	May	3	1888	1014	---
Spring Creek	Pinney, B. G.	Crawford	Squaw Creek Canal	Irrig.	.40	13	32	52	Dawes	May	10	1894	466	---
Spring Creek	Lawrence, Fay E.	Crawford	Spring Cr. Canal No. 1	Irrig.	2.00	13	32	52	Dawes	Dec.	1	1894	473	---
Spring Creek	Lawrence, Fay E.	Crawford	Spring Creek Canal	O. D.	D-473	7	32	51	Dawes	Dec.	1	1894	---	2078
Spring Creek	Hanks, Vera	Chadron	Kusel Canal No. 2	Irrig.	.43	8	32	51	Dawes	May	19	1900	---	560
Spring Creek	Forbes, J. D.	Crawford	Forbes Canal No. 1	Irrig.	.43	20	32	52	Dawes	Apr.	28	1902	---	663
Spring Creek	Lawrence, Fay E.	Crawford	Spring Cr. Canal No. 1	Irrig.	2.29	13	32	52	Dawes	Apr.	29	1905	---	788
Spring Creek	Benthack, Peter L.	Chadron	Benthack Canal	Irrig.	4.71	11	33	49	Dawes	Sept.	12	1924	---	1749
Squaw Creek	Hall, LeRoy & Frank	Crawford	Cooper Canal	Irrig.	2.29	36	32	52	Dawes	May	8	1896	---	333
Squaw Creek	McDowell, Robt. H.	Crawford	Squaw Creek Reservoir	Storage	†200AF	12	31	52	Dawes	Oct.	3	1911	---	1132
Squaw Creek	McDowell, Robt. H.	Crawford	McDowell Lake No. 4	Fish	†4AF	12	31	52	Dawes	Nov.	12	1931	---	2249
Squaw Cr. Res.	McDowell, Robt. H.	Crawford	Squaw Creek Canal	Stor-only		12	31	52	Dawes	Oct.	3	1911	---	1631
Trunk Butte Cr.	Smock, M.	Whitney	Smock Canal	Irrig.	.07	26	32	50	Dawes	June	28	1895	465	---
Trunk Butte Cr.	Chaulk, John J.	Chadron	Chaulk Canal	Irrig.	3.00	25	33	50	Dawes	Mar.	13	1915	---	1406
White Clay Cr.	Tandy, A. N.	Crawford	McFarland Canal	Irrig.	1.64	35	32	52	Dawes	May	18	1891	960	---
White Clay Cr. (See White R.)	White River Irrig. Co.	Crawford	White River Canal	Irrig.	1.00	34	32	52	Dawes	Dec.	31	1894	477	---
White Clay Cr.	Pine Ridge Indian Agency	Pine Ridge, S. D.	Pine Ridge Canal	Irrig.			35	45	Sheridan				419*	---
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	---	42R
White Clay Cr.	Johnson, A. F.	Crawford	Rinicker Canal	Irrig.	.57	11	31	52	Dawes	June	8	1901	---	618

BUREAU OF IRRIGATION

White Clay Cr.	Hutzel, John C.	Crawford	Hutzel Canal	Irrig.	.57	13	31	52	Dawes	Apr.	30	1903	---	704
White Clay Cr. (See Saw Log)	Stewart, H. E.	Crawford	Little Saw Log Canal	Irrig.		12	30	52	Dawes	Jan.	23	1907	---	849
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	Handschugel Lake	Storage.	†150AF	11	31	52	Dawes	Dec.	17	1915	---	1441
White Clay Cr.	McDowell, Mrs. Effie	Crawford	Cooper 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 River	Raben, P. L.	Crawford	Hall Mill	Power	24.33	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	1026	---
White River	Pinney, B. G., et al.	Crawford	Harris-Cooper Canal	Irrig.	13.14	26	32	52	Dawes	Mar.	9	1894	464a	---
White River	Pinney, B. G., et al.	Crawford	Harris-Cooper Canal	Irrig.	1.57	26	32	52	Dawes	June	15	1894	464b	---
White River	Forbes, Wm. T.	Crawford	Rasher Canal	Irrig.	1.14	19	32	51	Dawes	June	20	1894	467	---
White River (See White Clay)	White River Irrig. Co.	Crawford	White River Canal	Irrig.	5.71	34	32	52	Dawes	Dec.	31	1894	477	---
White River	Hall Ditch Company	Crawford	Hall Canal No. 2	Irrig.	11.10	34	32	52	Dawes	Jan.	10	1895	487c	---
White River	C. B. & Q. R. R. Co.	Lincoln	Crawford Pipe Line	Dom.	.80	3	31	52	Dawes	Sept.	14	1889	1030	---
White River	Bartlett, A. M.	Chadron	Jones Canal	Irrig.	.71	18	34	48	Dawes	May	21	1897	---	391
White River	Forbes, J. Dawson, Est.	Crawford	Rasher Canal	Irrig.	.50	19	32	51	Dawes	May	23	1895	---	456
White River	Wohlers, M. H.	Crawford	Rasher Canal	Irrig.	1.43	19	32	51	Dawes	Jan.	16	1900	---	534
White River	Schwabe, August	Chadron	Schwabe Canal	Power	5.00	24	34	49	Dawes	June	13	1904	---	759
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	.26	24	34	49	Dawes	Mar.	19	1906	---	815
White River	Schwabe, August	Chadron	Schwabe Canal	Irrig.	3.43	31	34	48	Dawes	July	23	1908	---	308
White River	White River Irrig. Co.	Crawford	White R. Canal S. B.	Irrig.	1.43	25	32	52	Dawes	Mar.	11	1909	---	936
White River	Pinney and Denslow	Crawford	Harris-Cooper Canal	Storage.	†50AF	26	32	52	Dawes	Aug.	10	1911	---	1122
White River	Wohlers, M. H.	Crawford	Rasher-Forbes Canal	Irrig.	.50	19	32	51	Dawes	Sept.	26	1911	---	1128
White River	Whitney Irrig. Dist.	Whitney	Whitney Canal	Storage.	†10,000AF	26	32	52	Dawes	Apr.	28	1921	---	1603
White River	Norman, Wm.	Whitney	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, Raner	Crawford	Whitney Pipe Line	Irrig.	2.07	26	32	52	Dawes	Nov.	18	1921	---	1626
White River	Norman, Wm.	Whitney	Whitney Pipe Line	Irrig.	.41	26	32	52	Dawes	Apr.	26	1922	---	1660

"O. D." Denotes optional diversion.

†Reservoir capacity alleged by applicant.

*Claim not adjudicated.

"R" Denotes relocation.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
White River	Fisher, H. L.	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	48	Dawes	Sept.	8	1932	2285	
White River	Mobley, A. L.	Crawford	Mobley Pump	Irrig.	.05	3	31	52	Dawes	May	10	1934	2331	
White River (See Dry Cr.)	Whitney, Irrig. Dist.	Crawford	Stewart-Balwin Res.	Supple. S.	A-1603	26	32	52	Dawes	Aug.	11	1936	2609	
White River	Village of Whitney	Whitney	Whitney Water Supply	Dom.	2.00	1	32	51	Dawes	Aug.	28	1936	2627	
White River	Kennedy, Howard, Trustee	Omaha	Kennedy-Miller Pump	Irrig.	1.31	26	34	49	Dawes	Nov.	24	1939	3030	
White River	Neill, B. E.	Chadron	Neill Pump	Irrig.	.64	30	33	49	Dawes	Dec.	7	1939	3038	
White River	Schumacher, T. A.	Chadron	Schumacher Cistern	Dom.	†.16AF	19	33	49	Dawes	Apr.	2	1940	3129	
Whitney Res.	Whitney Irrig. Dist.	Whitney	Whitney Pipe Line	Supple. I.	A-1625	4	32	51	Dawes	Apr.	28	1921	1787	
						34	33	51						
						35	33	51						

Supple. S. Denotes additional storage water.

† Reservoir capacity alleged by applicant.

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.
						S	T	R	County	Mo.			D|Yr.
Andrew Res.	Andrews, Agnes	Harrison	Andrews Canal	Stor.-only		5	32	55	Sioux	Mar.	26|1935	2558
Antelope Creek	Jordan, Allen	Montrose	Jordan Reservoir	Storage	†776AF	9	34	55	Sioux	Aug.	23|1940	3239
Antelope Creek, Ravine, Trib. to	Jordan, Allen	Montrose	Lower Jordan Reservoir	Storage	†137AF	16	34	55	Sioux	Feb.	28|1941	3405
Antelope Creek, North Branch	Story, Amy E., et al.	Story	Story Canal	Irrig.	2.00	8	34	56	Sioux	Nov.	11|1895	168
Antelope Creek, North Branch	Story, Amy E., et al.	Story	Story Canal	Irrig.	5.71	9	34	56	Sioux	Mar.	26|1918	1500
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., Est.	Harrison	Turner Canal	Irrig.	1.14	26	34	57	Sioux	Oct.	31|1894	537
Antelope Creek, South Branch	Scaman, Samuel R.	Harrison	Ellis Canal	Irrig.	.29	9	33	57	Sioux	May	17|1896	328
Antelope Creek, South Branch	Turner, Sarah A., Est.	Harrison	Turner Reservoir	Storage	†250AF	26	34	57	Sioux	July	3|1922	1675
Boggy Creek	Holly, Thos.	Crawford	Holly Canal	Irrig.	.11	30	33	54	Sioux	Dec.	31|1888	956
Boggy Creek	Smith, J. W.	Harrison	Smith Canal	Irrig.	.29	31	33	54	Sioux	May	1|1892	526
Boggy Creek	Wickersham-Readinger Cattle Co.	Harrison	Wickersham Canal	Irrig.	3.00	31	33	54	Sioux	Feb.	28|1903	701
Boggy Creek	Wickersham-Readinger Cattle Co.	Harrison	Wickersham Reservoir	Storage	†250AF	31	33	54	Sioux	Dec.	24|1930	2182

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

†Reservoir capacity alleged by applicant.

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diverion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
Boggy Creek	Wickersham-Reader Cattle Co.	Harrison	Wickersham Canal	Irrig.	.96	31	33	54	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	Serres, Andrew P.	Harrison	Hill Canal	Irrig.	.86	11	32	55	Sioux	Jan.	20	1908	---	886
Caladonia Res.	Slattery L. and C. Co.	Harrison	Caladonia Canal	Stor-only		13	33	57	Sioux	July	20	1922	---	1681
Caladonia Res.	Slattery L. and C. Co.	Harrison	Caladonia Canal	Stor-only		13	33	57	Sioux	July	20	1922	---	1683
Caladonia Res.	Slattery L. and C. Co.	Harrison	Caladonia Canal	Supple. I.	D-543	13	33	57	Sioux	July	20	1922	---	1683
Canyons	Konrath, James	Harrison	Konrath Canal	Irrig.	1.43	17	34	54	Sioux	Dec.	28	1905	---	808
Cedar Creek	Parsons, Con	Harrison	Schilt Cedar Cr. Canal	Irrig.	.57	35	33	56	Sioux	May	15	1885	507	---
Cedar Creek	Grote, Wm	Harrison	Valdez Canal	Irrig.	.50	10	32	56	Sioux	Apr.	5	1886	976	---
Cedar Creek	Grote, Wm	Harrison	Grote Reservoir	Storage	†19AF	3	32	56	Sioux	June	4	1940	---	3172
Cherry Creek	Ruffing, M.	Harrison	Cherry Creek Canal	Irrig.	.03	29	33	54	Sioux	May	1	1893	549	---
Crystal Lake Res.	Hall, F. M.	Harrison	Crystal Lake Canal	Stor-only		6	32	55	Sioux	Aug.	22	1927	---	2286
Dout Res. 1	Dout, Clarence	Harrison	Dout Canal No. 1	Stor-only		7	33	56	Sioux	Apr.	2	1928	---	2000
Dout Res. 2	Dout, Clarence	Harrison	Dout Canal No. 2	Stor-only		7	33	56	Sioux	Apr.	2	1928	---	2002
Dry Gulch	Child, L. M.	Story	Child Canal	Irrig.	.57	28	34	56	Sioux	Aug.	14	1914	---	1376
Geike Creek	Geike, Harry F.	Harrison	Geike Canal	Irrig.	.43	19	33	56	Sioux	Nov.	4	1927	---	1967

Geiser Res.	Geiser, John	Ardmore, S. D.	Geiser Canal	Stor-only		34	35	54	Sioux	Oct.	4 1940	3439	
Grote Res.	Grote, William	Harrison	Grote Canal	Stor-only		3	32	56	Sioux	June	4 1940	3450	
Grote Res.	Grote, Wm.	Harrison	Grote Canal	Supple. I.	D-976	3	32	56	Sioux	June	4 1940	3451	
Hat Creek	Thayer, Millard A., Est.	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	56	Sioux	Sept.	1 1881	512
Hat Creek	Thayer, Millard A., Est.	Harrison	West Hat Creek Canal	Irrig.		.57	16	32	55	Sioux	May	31 1888	553b
Hat Creek	Coffee, J. T., et al.	Harrison	Miller Canal	Irrig.		.37	23	33	55	Sioux	May	19 1896	341
Hat Creek	Lyon, E. B.	Harrison	Antrim Canal	Irrig.		.57	3	32	55	Sioux	Dec.	24 1900	594
Hat Creek	Lyon, E. B.	Harrison	Antrim Canal	Irrig.		.57	3	32	55	Sioux	Aug.	20 1906	834
Hat Creek	Coffee, John T.	Harrison	Coffee Flood Canal	Irrig.		6.00	14	33	55	Sioux	Oct.	22 1912	1236
Hat Creek	Zerbe, Harry T.	Harrison	Zerbe Reservoir	Storage	†25AF	35	33	55	Sioux	Mar.	25 1915	1407	
Hat Creek	Wasserburger, Harry and Martin	Montrose	Wasserburger Pump	Storage		.66	24	34	55	Sioux	Oct.	11 1940	3291
Hat Creek, Ravine, Trib. to	Wasserburger, Jacob	Montrose	Wasserburger Res.	Storage	†45AF	29	34	54	Sioux	May	6 1940	3149	
Hat Creek, Ravine, Trib. to	Zerbe, Frank	Harrison	Zerbe Reservoir	Storage	†22AF	4	32	55	Sioux	July	6 1940	3196	
Hat Creek, Ravine, Trib. to	Geiser, John	Ardmore, S. D.	Geiser Reservoir	Storage	†28AF	34	35	54	Sioux	Oct.	4 1940	3279	
Hat Creek, Ravine, Trib. to	Vyzourek, Emil W.	Ardmore, S. D.	Vyzourek Res. No. 2	Storage	†7AF	28	35	54	Sioux	Oct.	7 1940	3281	
Hat Creek, Ravine, Trib. to	Vyzourek, Emil W.	Ardmore, S. D.	Vyzourek Res. No. 3	Storage	†4AF	27	35	54	Sioux	Dec.	6 1940	3343	
Jim Creek	Dout, Clarence H.	Harrison	Dout Brothers Canal	Irrig.		.86	7	33	56	Sioux	May	15 1889	981
Jim Creek	Slattery L. and C. Co.	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 L. and C. Co.	Harrison	Slattery Canal	Irrig.		.29	13	33	57	Sioux	May	31 1891	543
Jim Creek	Slattery L. and C. Co.	Harrison	Galadonia Reservoir	Storage	†42AF	13	33	57	Sioux	July	20 1922	1680	
Jim Creek	Slattery L. and C. Co.	Harrison	High Line Canal	Irrig.		.34	13	33	57	Sioux	July	20 1922	1682

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority			Doc. No.	App. No.	
						S	T	R	County					Mo.	D	Yr.
Jim Creek and No. Jim Creek	Dout, Clarence	Harrison	Dout Res. No. 1	Storage	†30AF	7	33	56	Sioux	Apr.	2	1928	—	1999
Jim Creek	Dout, Clarence	Harrison	Dout Res. No. 2	Storage	†3AF	7	33	56	Sioux	Apr.	2	1928	—	2001
Jim Creek, Ravine, Trib. to Jim Creek, East	Snyder, John A.	Harrison	Snyder Reservoir	Storage	†45AF	17	33	56	Sioux	Dec.	23	1940	—	3353
	Wasserburger, J.	Montrose	Wasserburger Canal	Irrig.	2.29	29	34	54	Sioux	Oct.	13	1900	—	581
Jordan Draw	Jordan, Dan	Harrison	Dan Jordan Reservoir	Storage	†50AF	32	33	55	Sioux	Feb.	20	1929	—	2071
Jordan, C. Res.	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Supple. I.	A-841	13	33	56	Sioux	Nov.	12	1906	—	841
Jordan, C. Res.	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Supple. I.	A-841	13	33	56	Sioux	Jan.	14	1915	—	1469
Jordan, C. Res.	Jordan, Cornelious	Harrison	Kite Canal	Supple. I.	A-1375	13	33	56	Sioux	Jan.	14	1915	—	1470
Jordan, Dan. Res.	Jordan, Dan	Harrison	Dan Jordan Canal	Stor-only		32	33	56	Sioux	Feb.	20	1929	—	2072
Jordan Res.	Jordan, Allen	Montrose	Jordan Canal	Stor-only		9	34	55	Sioux	Aug.	23	1940	—	3446
Jordan (Lower) Res.	Jordan, Allen	Montrose	Lower Jordan Canal	Stor-only		16	34	55	Sioux	Feb.	28	1941	—	3446
Lickett Creek	Coffee, S. B.	Harrison	Lickett Canal	Irrig.		27	33	54	Sioux				1005*	—
Lickett Creek	Coffee, S. B.	Harrison	Lickett Canal	Irrig.	1.43	27	33	54	Sioux	Mar.	21	1900	—	549
						34	33	54						
Little Red Cr.	Grimm, Wm. O.	Harrison	Zerbst Canl	Irrig.	.90	34	33	56	Sioux	Apr.	3	1928	—	2003
Long Branch	Turnbull, S. C.	Ardmore, S. D	O'Connell Canal	Irrig.	.20	22	35	54	Sioux	Nov.	10	1900	—	587
Long Branch	Ebert, L. J.	Ardmore, S. D	Ebert Canal	Irrig.	.14	19	35	53	Sioux	Aug.	22	1901	—	635
Monroe Creek	Parsons, Con	Harrison	Big Monroe Canal	Irrig.	1.43	33	33	56	Sioux	May	1	1888	506	—
Monroe Creek	Parsons, Con	Harrison	Schilt-Monroe Canal	Irrig.	.50	27	33	56	Sioux	July	2	1888	509	—
Monroe Creek	Noreisch, Wm.	Harrison	Noreisch Canal	Irrig.	.04	33	33	56	Sioux	July	19	1895	—	83
Monroe Creek	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Irrig.	2.20	13	33	56	Sioux	Nov.	12	1906	—	841
Monroe Creek	Jordan, Cornelious	Harrison	Cornelious Jordan Res.	Storage	†271AF	13	33	56	Sioux	Nov.	12	1906	—	841
Monroe Creek	Jordan, Cornelious	Harrison	Kite Canal	Irrig.	2.00	13	33	56	Sioux	July	30	1914	—	1375

Monroe Creek	Jordan, Cornelious	Harrison	Cornelious Jordan Canal	Storage	†400AF	13 33	56	Sioux	Jan.	14 1915	1399
Monroe Creek	Wasserburger, Harry A. and Martin L.	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	Hebner, Fred W., et al.	Harrison	Monroe Reservoir	Fish	†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
Plunkett Res.	Plunkett, Thos.	Harrison	Plunkett Canal	Stor-only		25 33	56	Sioux	Sept.	18 1928	2070
Prairie Dog (or Little Red) Cr.	Parsons, Con	Harrison	Schilt-Prairie Dog Canal	Irrig.	1.14	35 33	56	Sioux	May	31 1886	508
Prairie Dog (or Little Red) Cr.	Plunkett, Thomas	Harrison	Zerbst Canal	Irrig.	.14	25 33	56	Sioux	May	1 1893	551
Prairie Dog (or Little Red) Cr.	Plunkett, Thos.	Harrison	Plunkett Reservoir	Storage	†110AF	25 33	56	Sioux	Sept.	18 1928	2031
Prairie Dog (or Little Red) Cr.	Plunkett, Thomas	Harrison	Plunkett Canal	Irrig.		25 33	56	Sioux	June	24 1944	3737*
Schaefer Res. Nos. 1 and 2	Schaefer Cattle Co.	Harrison	Leonard Canals 1 and 2	Stor-only		5 32	55	Sioux	Feb.	27 1933	3557
Snyder Res.	Snyder, John A.	Harrison	Snyder Canal	Stor-only		32 33	55	Sioux	Dec.	23 1940	3445
Sow Belly Creek	Schaefer Cattle Co.	Harrison	Old Sow Belly Canal	Irrig.	3.00	7 32	55	Sioux	June	1 1887	533
Sow Belly Creek	Zerbe, Frank	Harrison	Montgomery Canal	Irrig.	1.00	21 33	55	Sioux	Dec.	1 1890	559
Sow Belly Creek	Jordan, Sarah, Estate	Harrison	Jordan Canal	Irrig.	.43	21 33	55	Sioux	June	1 1895	556
Sow Belly Creek	Jordan, Sarah, Estate	Harrison	Jordan Canal	Irrig.	.50	21 33	55	Sioux	May	11 1896	424
Sow Belly Creek	Nutto, F.	Harrison	Nutto Canal	Irrig.	.43	24 32	56	Sioux	Sept.	4 1897	404
Sow Belly Creek	Carroll, M. J.	Harrison	Carroll Canal	Irrig.	.14	7 32	55	Sioux	July	12 1899	516
Sow Belly Creek	Zimmerman, Cleve G. and Emery J.	Harrison	Zimmerman Canal	Irrig.	.57	34 33	55	Sioux	Jan.	11 1900	532
Sow Belly Creek	Jordan, Sarah, Estate	Harrison	Jordan Canal	Irrig.	.14	21 33	55	Sioux	May	26 1902	668
Sow Belly Creek	O'Connell, M. J.	Montrose	O'Connell Canal	Irrig.	10.00	9 33	55	Sioux	May	5 1913	1288
Sow Belly Creek	Schaefer Cattle Co.	Harrison	Old Sow Belly Canal	Storage	†150AF	7 32	55	Sioux	Feb.	27 1933	2306

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

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

Source	Appropriator. or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.		
						S	T	R	County	Mo.			D	Yr.
Sow Belly Creek	Schaefer Cattle Co.	Harrison	New Sow Belly Canal	Storage	†150AF	8	32	55	Sioux	Feb.	27	1933	2306R	
Sow Belly Creek	Andrews, Agnes	Harrison	Andrews Canal	Storage	†24AF	5	32	55	Sioux	Mar.	26	1935	2530	
Spring Creek	Hall, W. S. and F. M.	Harrison	Hall Spring Canal	Irrig.	.57	6	32	55	Sioux	Mar.	26	1889	550	
Spring Creek	Schaefer Cattle Co.	Harrison	Spring Creek Canal	Irrig.	.29	7	32	55	Sioux	June	1	1893	532	
Spring Creek	Hall, F. M.	Harrison	Crystal Lake Reservoir	Storage	†40AF	6	32	55	Sioux	Aug.	22	1927	1954	
Spring Creek	Schaefer Cattle Co.	Harrison	Spring Creek Reservoir	Storage	†66AF	12	32	56	Sioux	Oct.	13	1939	2985	
Spring Cr. Res.	Schaefer Cattle Co.	Harrison	Spring Creek Canal	Stor-only		7	32	55	Sioux	Oct.	13	1939	3310	
Stream, No Name	Coffee, S. B.	Harrison	Homestead Canal	Irrig.	.22	22	33	54	Sioux	May	31	1890	984	
Stream, No Name	Hunter, H. C.	Orella	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	565	
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 Creek, So.	Shepherd Cattle Co.	Harrison	Shepherd Reservoir	Storage	†80AF	2	33	57	Sioux	Jan.	29	1931	2189	
Turner Res.	Turner, Sarah A. Est.	Harrison	Turner Canal	Supple. I.	D-537	26	34	57	Sioux	July	3	1922	1676	
Turner Res.	Turner, Sarah A. Est.	Harrison	Turner Canal	Stor-only		26	34	57	Sioux	July	3	1922	1677	
Vyzourek Res. No. 2	Vyzourek, Emil W.	Ardmore, S. D.	Emil Canal	Stor-only		27	35	54	Sioux	Oct.	7	1940	3457	
Vyzourek Res. No. 3	Vyzourek, Emil W.	Ardmore, S. D.	Vyzourek Canal	Stor-only		27	35	54	Sioux	Dec.	6	1940	3458	

Warbonnet Cr.	Anderson, John A.	Harrison	Warbonnet Canal	Irrig.	3.63	21	33	56	Sioux	July	31	1880	548	—
Warbonnet Cr.	Slattery L. and C. Co.	Harrison	Nolan Canal No. 1	Irrig.	.01	23	33	57	Sioux	Mar.	15	1887	957	—
Warbonnet Cr.	Slattery L. and C. Co.	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 L. and C. Co.	Harrison	Zerbst Canal No. 2	Irrig.	.17	25	33	57	Sioux	Mar.	6	1915	—	1404
Warbonnet Cr.	O'Connell, Mike	Montrose	O'Connell Canal	Irrig.	.35	17	33	55	Sioux	June	20	1932	—	2274
Warbonnet Cr., Branch of	Slattery L. and C. Co.	Harrison	Zerbst Canal No. 1	Irrig.	.03	26	33	57	Sioux	Mar.	6	1915	—	1405
Warbonnet Cr., North Branch	Anderson, John A.	Harrison	Kay Canal	Irrig.	.14	26	33	57	Sioux	May	1	1887	958	—
Warbonnet Cr., North Branch	Anderson, John A.	Harrison	Dout Canal	Irrig.	.71	30	33	56	Sioux	May	31	1889	539a	—
Warbonnet Cr., Spr. Br., Trib. to	Biehle, Chas.	Harrison	Biehle Canal	Irrig.	.23	32	33	56	Sioux	Apr.	1	1891	538	—
Warbonnet Cr., Spr. Br., Trib. to	Anderson, John A.	Harrison	Garton Canal	Irrig.	1.43	31	33	56	Sioux	Oct.	16	1893	503	—
Wasserburger Reservoir	Wasserburger, Jacob	Montrose	Wasserburger Canal	Supple. I.	A-581	29	34	54	Sioux	May	6	1940	—	3581
Wasserburger Reservoir	Wasserburger, Jacob	Montrose	Wasserburger Canal	Stor.-only		29	34	54	Sioux	May	6	1940	—	3581
Whitehead Cr.	U. S. of America and Geiser, John	Washington Ardmore, S. D.	Geiser Canal	Irrig.	1.24	4	34	54	Sioux	Mar.	13	1941	—	3414
Whitehead Cr. Ravine, Trib. to	Raben, Ellen M.	Crawford	Raben Reservoir	Storage	†15AF	22	34	54	Sioux	Feb.	19	1942	—	3553
White Head Cr., Spg. Br., Trib.to	Richardson, Margaret	Orella	Harrison Canal	Irrig.	.06	13	33	54	Sioux	May	30	1888	547	—
Wickersham Res.	Wickersham-Reader Cattle Company	Harrison	Wickersham Canal	Stor.-only		30	33	54	Sioux	Dec.	24	1930	—	2203
Zerbe Res.	Zerbe, Frank	Harrison	Zerbe Canal	Stor.-only		4	32	55	Sioux	July	6	1940	—	3422

"R" Denotes relocation.

† Reservoir capacity alleged by applicant.

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

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

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

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Priority		Doc. No.	App. No.	
						S	T	R	County	Mo.			D	Yr.
Bazille Creek	Jirous, Frank, Estate	Creighton	Creighton Mill Race	Power	21	29	5	Knox			1002*		
Bazille Creek	Moss and Buckler	Battle Creek	Creighton Mills	Power	30.00	21	29	5	Knox	Sept.	24	1908	914
Bazille Creek	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.	.96	10	31	5	Knox	Aug.	17	1936	2616
Bazille Creek	Huigens and Norwood	Creighton	Norwood-Huigens Pump	Irrig.	.15	21	29	5	Knox	Feb.	5	1937	2693
Bazille Creek	Lutt, Elmer F.	Niobrara	Lutt Pump	Irrig.	.31	22	31	5	Knox	Oct.	13	1939	2984
Bazille Cr., Lit.	York, Elmer	Center	York Pump	Irrig.	.09	14	30	5	Knox	Sept.	7	1938	2882
Bow Creek	Jones, A. W.	Wynot	Bow Valley Mills	Power	52.00	11	32	2E	Cedar	Spg.		1869	1050
Bow Creek	Jones, A. W.	Wynot	Arc Lodge Pump	Irrig.	1.00	11	32	2E	Cedar	Dec.	19	1936	2673
Bow Creek, W.	Eickhoff, Frank	Fordyce	Eickhoff Pump	Irrig.	.45	1	31	1	Cedar	Aug.	22	1941	3489
Decatur Springs	Village of Decatur	Decatur	Decatur Pipe Line	Dom.	2.00	10	23	10E	Burt	May	2	1940	3147
Elk Creek (Jack- son Chute)	Crystal Lake Company	South Sioux City	Crystal Lake Dam	Ice	15.00	28	29	8E	Dakota	Apr.	12	1923	1714
Norwegian Bow Creek	Arens, F. H.	Hartington	Arens Pump	Irrig.	.34	20	31	1E	Cedar	June	17	1938	2877
Papillion Cr. W.	Borman, Herman	Papillion	Borman-Peters Pump	Irrig.	.82	17	14	12E	Sarpy	July	24	1936	2594
Papillion Cr. W.	Trumble, Harland	Papillion	Trumble Pump	Irrig.	.51	21	14	12E	Sarpy	Nov.	19	1940	3331
Papillion, Big, North Fork	Krska, J. C.	So. Omaha	Krska Pump	Irrig.	1.53	19	14	13E	Sarpy	Nov.	10	1936	2657
Perrin Creek	Bartels, Lester	Laurel	Bartels Pump	Irrig.	.66	30	29	3E	Cedar	May	3	1937	2738

South Creek.....	Stark, Frank.....	Ponca.....	Mellon Pump.....	Irrig.....	.69	28	30	6E	Dixon.....	Feb.	26	1942	3556
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.....	†15AF	26	28	5	Antelope.....	Aug.	31	1936	2631
Springs.....	Village of Crofton.....	Crofton.....	Crofton Water Supply.....	Dom.....	.25	26	32	2	Knox.....	Oct.	29	1930	2169

* Claim not adjudicated.

† Reservoir capacity alleged by applicant.

RECORD OF OPTIONAL DIVERSION, DIVISION 1-A

Optional Appropriation Number	Optional Source	Optional Diversion		Optional Diversion Carrier	Original Appropriation Number	Original Source	Original Diversion		Filing Date for Optional Diversion Permit
			S-T-R					S-T-R	
A-1290	Akers or Nelson Draw		13-23-57	Nelson Draw Canal	D-920	North Platte R.	NW ¼ NW ¼	27-23-57	May 21, 1913
P-189*	Alliance Feeder Drain	NW ¼ SE ¼	18-22-53	Tri-State Canal	D-918	North Platte R.	SW ¼ SE ¼	3-23-58	Mar. 11, 1935
A-2248	Anderson Seep	NW ¼ SE ¼	26-20-51	Gordon Canal	D-858	North Platte R.	SE ¼ SW ¼	18-20-51	Nov. 7, 1941
A-1450	Atkins Drain	SW ¼ SW ¼	15-19-40	Atkins Canal	D-828	North Platte R.	SE ¼ SW ¼	18-20-51	Mar. 27, 1916
A-1776	Bayard Sugar Fcty. Drain	SE ¼ NE ¼	5-20-52	Alliance Canal	D-874	North Platte R.	NW ¼ SW ¼	5-20-52	Aug. 13, 1925
A-1495	Buffalo Creek	NW ¼ SE ¼	22-10-21	Savins Pump	D-622	Platte River	N ½ NW ¼	18-10-23	Aug. 17, 1917
A-1648	Buffalo Creek	NW ¼ NW ¼	21-10-21	Doughty Pump	D-622	Platte River	N ½ NW ¼	18-10-23	Mar. 24, 1922
A-1868	Buffalo Creek	W ½	33-10-20	Hodgson Pump	D-622	Platte River	N ½ NW ¼	18-10-23	Oct. 28, 1926
A-2088	Camp Clark Seep	NW ¼ SW ¼	6-20-51	Alliance Canal	A-418	North Platte R.	SW ¼ SW ¼	16-20-51	June 22, 1929
A-1397	Cedar Creek	SW ¼ SW ¼	23-13-48	Cedar Creek Feeder	D-825	North Platte R.	SE ¼ SW ¼	18-20-51	Jan. 7, 1915
P-201	Dawson Co. Drainage District No. 1	NW ¼ SE ¼	1- 9-22	Murray Pump	D-621	Platte River	NW ¼ NW ¼	18-10-23	June 2, 1937
A-2777*	Dawson Co. Drainage District No. 1	SE ¼ SW ¼	18- 9-20	Beatty Pump	A-2083	Strever Creek	SE ¼ SW ¼	18- 9-20	Aug. 24, 1937
A-2129	Dawson Co. Drainage District No. 1	NW ¼	14- 9-21	Rosenberg Pump	D-624	Platte River	N ½ NW ¼	18 10-23	Mar. 15, 1930
P-137	Dawson Co. Drainage District No. 1	SW ¼ SW ¼	11- 9-21	Sheldon Pump	A-2145	Platte River	N ½ NW ¼	18 10-23	May 7, 1937
P-226	Degraw Drain	NW ¼ SE ¼	14-20-51	Mitchell Pump	A-418	North Platte R.	SW ¼ SW ¼	16-20-51	Apr. 23, 1940
A-1241	Dry Spotted Tail Creek	SW ¼ NW ¼	16-23-56	Hrasky Canal	D-918	North Platte R.	SW ¼ SE ¼	3-23-58	Nov. 6, 1912
P-158*	Dry Spotted Tail Creek	SW ¼ SW ¼	4-23-56	Tri-State Canal	D-918	North Platte R.	SW ¼ SE ¼	3-23-58	Mar. 11, 1935
P-195	Dry Spotted Tail Creek	SW ¼ NW ¼	16-23-56	Kellum Pump	D-918	North Platte R.	SW ¼ SE ¼	3-23-58	Mar. 24, 1937
P-236	Dry Spotted Tail Creek	NE ¼ NE ¼	20-23-56	Dry Spotted Tail Creek Lateral	D-920	North Platte R.	NW ¼ NW ¼	27 23-57	Oct. 15, 1940

A-2281	Ground Water.....	SW ¼ NW ¼	20-9-20	Beatty Well.....	D-624	Platte River.....	N ½ NW ¼	18-10-23	Aug. 29, 1932
A-2513	Ground Water.....	SW ¼ SE ¼	19-9-20	Beatty Well.....	D-624	Platte River.....	N ½ NW ¼	18-10-23	Feb. 15, 1935
P-204*	Ground Water.....	NW ¼ SE ¼	33-10-23	Neil Well.....	D-627	Platte River.....	NW ¼ SW ¼	9-10-24	Feb. 18, 1938
A-1473	Hoth Draw.....	N ½	28-21-52	O'Holleran Pump.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	Jan. 26, 1917
A-1744	Kearney Tail Race.....	N ½ NW ¼	11-8-16	Peaker Pump.....	D-1023	Platte River.....	SW ¼	4-8-18	May 8, 1924
A-2638	Lincoln Co. Drainage Dist. No. 1, Ditch 1	NW ¼ SW ¼	26-14-31	Evans Pump.....	D-662	North Platte R.....	NE ¼ SE ¼	12-14-33	Sept. 14, 1936
A-2694	Lincoln Co. Drainage Dist. No. 1, Ditch 1	SW ¼ NE ¼	30-14-31	Frame Pump.....	D-635	North Platte R.....	NE ¼ SE ¼	13-14-34	Feb. 6, 1937
P-213	Lincoln Co. Drainage Dist. No. 1, Ditch 1	SW ¼ NW ¼	25-14-32	Suburban Canal.....	D-662	North Platte R.....	NE ¼ SE ¼	12-14-33	Oct. 15, 1938
A-2459	Lincoln Co. Drainage Dist. No. 1, Ditch 2	NW ¼ NE ¼	30-14-31	Reimers Pump.....	D-635	North Platte R.....	NE ¼ SE ¼	13-14-34	Aug. 13, 1934
A-2648	Lincoln Co. Drainage Dist. No. 1, Ditch 2	W ½ NW ¼	29-14-31	Suburban Canal.....	D-662	North Platte R.....	NE ¼ SE ¼	12-14-33	Oct. 22, 1936
P-198	Lincoln Co. Drainage Dist. No. 1, Ditch 2	N ½	26-14-31	Evans Pump.....	D-662	North Platte R.....	NE ¼ SE ¼	12-14-33	May 15, 1937
P-245	Minatare Drain.....	SW ¼ SW ¼	3-21-53	Minatare Lateral.....	D-919	North Platte R.....	NW ¼ SE ¼	32-22-54	Nov. 13, 1941
A-1742	North Platte R.....	N ½ SE ¼	4-16-44	Overland-Midland.....	D-800	Blue Creek.....	SW ¼ SW ¼	28-17-42	Mar. 31, 1924
A-2150	North Platte R.....	NW ¼ SE ¼	26-22-55	Gering Factory Pump.....	A-2054	North Platte R.....	NW ¼ NW ¼	36-22-55	July 24, 1930
A-1431	Nine Mile Draw.....	NW ¼ SW ¼	10-21-53	Nine Mile Canal.....	D-925	North Platte R.....	NE ¼ SW ¼	18-21-53	Aug. 19, 1915
P-185	Paxton Creek.....	SE ¼ SE ¼	31-15-37	Coyner Canal.....	A-662b	White Tail Creek.....	SE ¼ NE ¼	26-15-38	Feb. 28, 1935
A-1860	Pedens Lake.....	SE ¼ SE ¼	12-11-23	Excell Canal.....	D-645b	Platte River.....	NW ¼ SW ¼	19-12-26	Sept. 16, 1926
A-1429	Red Willow Creek.....	NW ¼ SW ¼	6-20-51	Alliance Canal.....	D-874	North Platte R.....	NW ¼ SW ¼	5-20-52	Aug. 5, 1915
A-1432	Red Willow Creek.....	SE ¼ SE ¼	12-20-51	Dobson Canal.....	A-1181	North Platte R.....	NW ¼ SW ¼	5-20-52	Sept. 10, 1915
A-2088	Red Willow Creek.....	NE ¼ NE ¼	9-20-51	Alliance Canal.....	A-418	North Platte R.....	SW ¼ SW ¼	16-20-51	June 22, 1929
A-1176	Sheep Creek.....	NE ¼ NE ¼	17-23-57	Sheep Creek Lateral.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	Feb. 26, 1912
A-1398	Sheep Creek.....	NE ¼ NE ¼	17-23-57	Sheep Creek Lateral.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	Jan. 12, 1915
P-191*	Sheep Creek.....	NE ¼ SW ¼	8-23-57	Tri-State Canal.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	Mar. 11, 1935

RECORD OF OPTIONAL DIVERSION, DIVISION 1-A—Concluded

Optional Appropriation Number	Optional Source	Optional Diversion		Optional Diversion Carrier	Original Appropriation Number	Original Source	Original Diversion		Filing Date for Optional Diversion Permit	
			S-T-R					S-T-R		
A-2049	Strever Creek.....	NW ¼ NW ¼	35- 9-20	Jurgenson Pump.....	D-624	Platte River.....	N ½ NW ¼	15-10-23	Oct.	19, 1928
A-2101	Strever Creek.....	SW ¼ SE ¼	27- 9-20	Wengler Pump.....	A-2039	Platte River.....	N ½ NW ¼	15-10-23	Aug.	27, 1929
A-2502	Taylor Drain.....	SW ¼ NW ¼	3-21-53	Oberlies Canal.....	D-919	North Platte R.....	NW ¼ SE ¼	32-22-54	Dec.	21, 1934
A-2413	Toohy Drain.....	W ½ SW ¼	20-23-56	Fanning Pump.....	D-920	North Platte R.....	NW ¼ NW ¼	27-23-57	June	25, 1934
P-192*	Tub Springs Feeder.....	SE ¼ SW ¼	27-23-55	Tri-State Canal.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	Mar.	11, 1935
P-234	Tub Springs*.....	SW ¼ SW ¼	33-23-55	Tub Springs Lateral	D-920	North Platte R.....	NW ¼ NW ¼	27-23-57	Oct.	15, 1940
A-1769	Warner's Seep Lake.....	SE ¼ SW ¼	12-23-57	Warner Canal.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	July	10, 1925
A-449	Wet Spotted Tail Creek	SW ¼ SW ¼	10-23-56	Stewart Canal.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	May	2, 1898
P-190*	Wet Spotted Tail Creek	NW ¼ SW ¼	10-23-56	Tri-State Canal.....	D-918	North Platte R.....	SW ¼ SE ¼	3-23-58	Mar.	11, 1935
P-235	Wet Spotted Tail Creek	SW ¼ NW ¼	22-23-56	Wet Spotted Tail Lateral	D-920	North Platte R.....	NW ¼ NW ¼	27-23-57	Oct.	15, 1940
A-1446	Winters Creek.....	SW ¼ NE ¼	19-22-54	Winters Creek Canal	D-952	North Platte R.....	NW ¼ SE ¼	17-22-55	Feb.	9, 1916
A-2409	Winters Creek.....	NE ¼ SE ¼	8-22-54	Enterprise Canal.....	D-920	North Platte R.....	NW ¼ NW ¼	27-23-57	June	18, 1931
P-216	Winters Creek Drain.....	NW ¼ NE ¼	31-22-54	Gering Factory Pump	A-2054 A-2150	North Platte R.....	NW ¼ NW ¼	36-22-55	May	26, 1939

RECORD OF OPTIONAL DIVERSIONS, DIVISION 1-B

A-1523	Canyon No. 10.....	SW ¼ NE ¼	17- 3-31	Wacker Canal.....	D-10	Frenchman River.....	NE ¼ NW ¼	11- 3-32	Sept.	4, 1918
A-1573	Canyon No. 10.....	SW ¼ NE ¼	17- 3-31	Crews Canal.....	D-10	Frenchman River.....	NE ¼ NW ¼	11- 3-32	Jan.	21, 1920

RECORD OF OPTIONAL DIVERSION, DIVISION 2-D

A-2078	Spring Creek.....	SW ¼ SW ¼	7-32-51	Lawrence Pump.....	D-473	Spring Creek.....	NE ¼	13-32-52	Apr.	19, 1929
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CLAIMS AND APPLICATIONS CANCELED OR DISMISSED FROM SEPTEMBER 30, 1942 to SEPTEMBER 30, 1944

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provi- sional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Cancellation or Dismissal			Doc. No.	App. No.	
						S	T	R	County	Mo.	D			Yr.
DIVISION 1-A														
Sheep Cr. Drain	Morrill and Sons	Scottsbluff	Morrill Power Plant	Power		21	23	57	Scotts Bluff	Noy.	3	1943		2296**
South Platte R.	Platte Valley Public P. and I. Dist.	North Platte	Sutherland Reservoir	Storage		7	13	36	Keith	May	29	1943		3002**
DIVISION 1-B														
Arikaree River	Jenkins, Chas. T.	Haigler	Haigler Res. Canal	Irrig.	171.00	15	1s	42	Colorado	Jan.	29	1943		979
Beaver Creek	Fults, T. N.	Beaver City	Newton Pump	Irrig.	.97	10	2	21	Furnas	Feb.	13	1943		1923
Beaver Creek	Versaw, Paul E.	Beaver City	Versaw Pump	Irrig.	1.22	22	2	23	Furnas	Feb.	13	1943		1932
Buffalo Creek	Porter, J. R., et al.	Haigler	Porter Canal	Irrig.	2.68	1	1	41	Dundy	Jan.	22	1943	171	
Buffalo Creek	Porter Land and Inv. Co.	Haigler	Porter Canal	Irrig.	3.32	1	1	41	Dundy	Feb.	13	1943		1298
Brush Creek	Lofton, Frank S.	McCook	Brush Creek Res.	Storage	†250AF	3	2	29	Red Willow	Feb.	5	1943		1201
Center Creek	Gregory and Garrett	Franklin	Gregory Canal	Irrig.	2.00	1	1	15	Franklin	Dec.	28	1942	182	
Cook Creek	Shaffer, Frank	Alma	Shaffer Canal	Irrig.	1.08	33	2	18	Harlan	Dec.	28	1942		1517
Cook Creek	Shaffer, Frank	Alma	Shaffer Reservoir	Storage	†24AF	33	2	18	Harlan	Dec.	28	1942		1522
Cottonwood, Big	Morlan, Henry, Estate	Bloomington	Bloomington Canal	Irrig.	.50	25	2	16	Franklin	Dec.	28	1942	185	
Cottonwood, Big	Siegel, Benj. E.	Naponce	Bloomington Mill	Power	6.00	25	2	16	Franklin	Dec.	28	1942		483
				Irrig.	4.06									
Cottonwood, Lit.	Bradshaw, Geo. F.	Bloomington	Home Canal	Irrig.	.23	6	1	15	Franklin	Dec.	28	1942		1661
Crooked Creek	Kaley, C. H.	Red Cloud	Fish Pond	Fish	1.00	1	1	11	Webster	Dec.	28	1942		665
Crooked Creek	Slawson, E. R.	Red Cloud	Slawson Pond	Fish	†5AF	1	1	11	Webster	Dec.	28	1942		1213
Crooked Creek	Perry, Lora B.	Red Cloud	Weesner Canal	Irrig.	.30	36	2	11	Webster	Dec.	28	1942		1755

**Denotes application dismissed.
†Reservoir capacity alleged by applicant.

Elm Creek	Deems, H. W.	Lincoln	Deems Pump	Irrig.		33	2	10	Webster	Apr.	18 1944	3652
Frenchman R.	Dissmore, Geo. A.	Des Moines, Iowa	Frenchman Valley Canal	Irrig.	5.40	31	5	33	Hayes	Jan.	13 1943	38
Frenchman R.	Grosbach, H. H., et al.	Wauneta	Harlan Canal	Irrig.	2.00	1	5	38	Chase	Jan.	13 1943	56
Frenchman R.	Fuller, C. D.	Imperial	Fuller Canal	Irrig.	23.86	4	5	36	Chase	Jan.	13 1943	62
Frenchman R.	Grosbach, H. H., et al.	Wauneta	Gould Canal	Irrig.	2.00	1	5	38	Chase	Jan.	13 1943	67
Frenchman R.	Woods, John, et al.	Wauneta	North Gurnsey Canal	Irrig.	1.30	3	5	37	Chase	Jan.	13 1943	74
Frenchman R.	Woods, John, et al.	Wauneta	South Gurnsey Canal	Irrig.	22.57	10	5	37	Chase	Jan.	13 1943	75
Frenchman R.	Daschosifsky, G.	Lamar	Lamar Rolling Mills	Power	30.00	18	6	40	Chase	Jan.	22 1943	1013
Frenchman R.	Kilpatrick Brothers	Beatrice	North Side Canal	Irrig.	.79	21	6	39	Chase	Jan.	29 1943	246
Frenchman R.	Hagerman, Wm.	Hamlet	Hagerman Canal	Irrig.	.86	19	5	34	Hayes	Jan.	29 1943	935
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter-Imperial Res.	Storage	†7000A	F 3	5	38	Chase	Feb.	13 1943	1979
Frenchman R.	Krotter, F. C., Estate	Palisade	Krotter-Imperial Plant	Power	50.00	3	5	38	Chase	Feb.	13 1943	1980
Frenchman R.	Grosbach, H. H., et al.	Wauneta	Harlan Canal	Irrig.	1.26	32	6	37	Chase	Feb.	13 1943	2331
Frenchman R.	Hoke, J. A., Estate	Champion	Hoke Canal	Irrig.	1.29	21	6	39	Chase	Mar.	8 1943	1094
Horse Cr., Spr. Trib. to	Pringle, Esther L.	Parks	Pringle Canal	Irrig.	.57	11	1	29	Dundy	Feb.	13 1943	364
Horse Cr., Spr. Trib. to	Pringle, Geo. N.	Parks	Pringle Canal	Irrig.	1.57	14	1	39	Dundy	Feb.	13 1943	824
Indian Creek	Thompson, R. P., et al.	Benkelman	Thompson-Van Sickle Canal	Irrig.	.93	8	2	37	Dundy	Jan.	29 1943	237
Indian Creek	Chamberlain, J. C.	Mt. Sterling, Illinois	Chamberlain Canal	Irrig.	.06	18	2	36	Dundy	Jan.	29 1943	240
Indian Creek	Foster, Chas.	Max	Wilson Canal	Irrig.	1.42	23	2	36	Dundy	Jan.	29 1943	268
Indian Creek	Gardner, W. A.	Max	Gardner Pump	Irrig.	.56	18	2	36	Dundy	Feb.	13 1943	2859
Indian Creek	Daniels, Elbert E.	Max	Daniels Pump	Irrig.		23	2	36	Dundy	Mar.	19 1943	3534
Indian Creek	Brown, Clyde A.	Max	Brown Pump	Irrig.		23	2	36	Dundy	Aug.	24 1944	3680
Macklin Creek	Bradley, Francis E.	Trenton	Bradley Pump	Irrig.	.36	1	2	34	Hitchcock	Feb.	13 1943	1989
Macklin Creek	Thuman, A.	Trenton	Cemer Pump	Irrig.	.09	36	3	34	Hitchcock	Feb.	13 1943	1992

CLAIMS AND APPLICATIONS CANCELED OR DISMISSED FROM SEPTEMBER 30, 1942 to SEPTEMBER 30, 1944

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Cancellation or Dismissal			Doc. No.	App. No.		
						S	T	R	County	Mo.	D			Yr.	
Medicine Creek	Cambridge-Arapahoe Irrig. and Improvement Co.	Arapahoe	Cambridge-Arapahoe Canal	Irrig.	170.00	29	4	25	Furnas	July	6	1943	89	—	
Medicine Creek	Joseph, O. R.	Cambridge	Joseph Pump	Irrig.	25	5	26	Frontier	Apr.	18	1944	—	3655	—	
Red Willow Cr.	Cooper, Jas.	Wallace	Red Willow Canal	Irrig.	2.00	36	9	33	Lincoln	Jan.	22	1943	647	—	
Republican R.	Bartlett, Wm. C.	Alma	Lake Disappointment	Resort	†60A	F	32	2	18	Harlan	Dec.	28	1942	—	1442
Republican R.	Everson and Mitchell	Alma	Everson Canal	Irrig.	1.07	13	2	18	Harlan	Dec.	28	1942	—	1443	
Republican R.	Luther, Walter	Cambridge	Dunlay Pump	Irrig.	5.00	26	2	19	Harlan	Dec.	28	1942	—	1768	
Republican R.	Drummond, Dean	Republican City	Drummond Pump	Irrig.	2.37	11	1	17	Harlan	Dec.	28	1942	—	1782	
Republican R.	Scott, C. E.	Alma	Scott Pump	Irrig.	3.37	36	2	19	Harlan	Dec.	28	1942	—	1789	
Republican R.	Workman, Rich	Republican City	Workman Pump	Irrig.	1.10	16	1	17	Harlan	Jan.	7	1943	—	1886	
Republican R.	Sheffrey, C. E.	Oxford	Sheffrey Pump	Irrig.	1.85	16	3	20	Harlan	Jan.	7	1943	—	1906	
Republican R.	Wintersteen, V. L.	Republican City	Wintersteen Pump	Irrig.	.11	12	1	18	Harlan	Jan.	7	1943	—	1914	
Republican R.	Best, John H.	Oxford	Best Pump	Irrig.	1.41	27	3	20	Harlan	Jan.	7	1943	—	1936	
Republican R.	Wilson, J. F., Jr.	Guide Rock	Wilson Pump	Irrig.	.57	14	1	9	Webster	Jan.	7	1943	—	1937	
Republican R.	Romjue, Carl M.	Red Cloud	Romjue Pump	Irrig.	2.03	12	1	11	Webster	Jan.	7	1943	—	2005	
Republican R.	Furry, Cameron J.	Franklin	Furry Pumps	Irrig.	2.26	12	1	15	Franklin	Jan.	7	1943	—	2171	
Republican R.	Lideen, N. E.	Orleans	Lideen Pump	Irrig.	.29	19	2	19	Harlan	Jan.	7	1943	—	2516	
Republican R.	Trite, W. H., et al	Culbertson	Trite-Davenport Canal	Irrig.	7.00	20	3	31	Hitchcock	Jan.	13	1943	3	—	
Republican R.	Trenton Farmers Irrig. Association	Trenton	Trenton Canal	Irrig.	32.00	10	2	34	Hitchcock	Jan.	13	1943	5	—	
Republican R.	Marr, Lorenzo	Culbertson	Marr Canal	Irrig.	4.29	16	3	31	Hitchcock	Jan.	13	1943	11	—	
Republican R.	Ballard, Henry L.	Oxford	Ballard Canal	Irrig.	8.00	8	3	21	Furnas	Jan.	22	1943	91	—	
Republican R.	Wilcox, F. S.	McCook	Wilcox Canal	Irrig.	4.50	32	3	29	Red Willow	Jan.	22	1943	109	—	

Republican	R.	Brown, W. A.	Haigler	Sand Point Canal	Irrig.	11.00	1	1	42	Dundy	Jan.	22	1943	115	---
Republican	R.	Republican Irrig. Co.	Benkelman	Republican R. Canal	Irrig.	30.00	29	1	38	Dundy	Jan.	22	1943	147	---
Republican	R.	Larned, W. H., et al.	Haigler	White-Larned Canal	Irrig.	3.00	22	1	40	Dundy	Jan.	22	1943	150	---
Republican	R.	Thomas, A. J.	Haigler	Thomas Canal	Irrig.	2.00	23	1	40	Dundy	Jan.	22	1943	154	---
Republican	R.	Consumers Public Power District	Columbus	Arapahoe Star Mills	Power	196.00	27	4	23	Furnas	Jan.	22	1943	1029	---
Republican	R.	Spooners, J. A.	Parks	Private Canal	Irrig.	1.00	25	1	40	Dundy	Jan.	29	1943	---	413
Republican	R.	Hamilton, Henry L.	McCook	Harmon Pond	Ice	10.00	32	3	29	Red Willow	Jan.	29	1943	---	535
Republican	R.	Walsh, Patrick	McCook	Walsh Canal	Irrig.	11.00	35	3	30	Red Willow	Jan.	29	1943	---	537
Republican	R.	Rogers, W. N.	McCook	Shadeland Park Canal	Irrig.	38.00	26	3	29	Red Willow	Feb.	5	1943	---	1049
Republican	R.	McConnell Brothers	Trenton	McConnell Canal	Irrig.	180.00	10	2	34	Hitchcock	Feb.	5	1943	---	1055
Republican	R.	Hurst, J. C., et al.	Trenton	Hurst-Day Canal	Irrig.	7.00	28	2	35	Hitchcock	Feb.	5	1943	---	1068
Republican	R.	Cappel, Geo.	McCook	Cappel Canal	Irrig.	1.57	19	3	36	Red Willow	Feb.	5	1943	---	1093
Republican	R.	Rogers, W. N.	McCook	Shadeland Park Canal	Irrig.	7.00	25	3	29	Red Willow	Feb.	5	1943	---	1129
Republican	R.	Anderson, Christen, et al	Benkelman	Cottonwood Canal	Irrig.	3.35	6	1	36	Dundy	Feb.	5	1943	---	1172
Republican	R.	Rupert Ditch Co.	Culbertson	Rupert Canal	Irrig.	20.00	32	3	32	Hitchcock	Feb.	5	1943	---	1192
Republican	R.	Carson, A.	McCook	Carson Canal No. 2	Irrig.	18.00	27	3	30	Red Willow	Feb.	13	1943	102	---
Republican	R.	Carson, A.	McCook	Carson Canal No. 1	Irrig.	1.43	27	3	30	Red Willow	Feb.	13	1943	103	---
Republican	R.	Allen, E. M., et al.	Arapahoe	Allen Canal	Irrig.	14.00	2	3	26	Red Willow	Feb.	13	1943	110	---
Republican	R.	Dundy County Irrig. Co.	Benkelman	Dundy County Canal	Irrig.	45.00	24	1	39	Dundy	Feb.	13	1943	118	---
Republican	R.	Neighbors, E. G.	Benkelman	Neighbors Canal	Irrig.	2.86	24	1	39	Dundy	Feb.	13	1943	133	---
Republican	R.	Ham, Roy A.	Benkelman	Ham Canal	Irrig.	3.47	9	1	37	Dundy	Feb.	13	1943	---	1618
Republican	R.	Campbell, W. E.	Trenton	Campbell Canal	Irrig.	9.27	9	2	34	Hitchcock	Feb.	13	1943	---	1627
Republican	R.	Crews, L. E.	Haigler	Crews Canal No. 3	Irrig.	4.00	20	1	41	Dundy	Feb.	13	1943	---	1826
Republican	R.	Hill, Roy E.	Edison	Hill Pump	Irrig.	1.86	33	4	22	Furnas	Feb.	13	1943	---	2314
Republican	R.	Fritzer, G. E.	Edison	Fritzer Pump	Irrig.	1.29	32	4	22	Furnas	Feb.	13	1943	---	2340
Republican	R.	Dick, Daniel B.	Cambridge	Dick Pump	Irrig.	26	4	25	Furnas	Mar.	8	1944	---	2855	
Republican	R.	Jansen, Wm.	Superior	Jansen Pump	Irrig.	1.60	29	1	7	Nuckolls	Mar.	25	1943	---	2017
Republican	R.	Mayfield, L. L.	Edison	Mayfield Pump	Irrig.	1.17	35	4	22	Furnas	Mar.	25	1943	---	2403
Republican	R.	Warner, George	Edison	Warner Pumps	Irrig.	.57	1	3	22	Furnas	Mar.	25	1943	---	2510
Republican	R.	Olson, Oliver	Orleans	Republican Val. Pump	Irrig.	2.06	27	3	20	Harlan	July	2	1943	---	1821

†Reservoir capacity alleged by applicant.

CLAIMS AND APPLICATIONS CANCELED OR DISMISSED FROM SEPTEMBER 30, 1942 to SEPTEMBER 30, 1944

Source	Appropriator or Operator	Post Office	Carrier	Use to which applied	Provisional Grant in Sec.-ft.	Location of Diversion or Dam			Date of Cancellation or Dismissal		Doc. No.	App. No.	
						S	T	R	County	Mo.			D|Yr.
Republican R.	Olson, Oliver	Orleans	Republican Valley Pump	Irrig.	2.06	27	3	20	Harlan	July	2|1943	1821	
Republican R.	Olson, L.	Orleans	Lake View Project	Irrig.	1.15	27	3	20	Harlan	July	2|1943	1824	
Republican R.	Keifer, J. Warren, Jr.	Bostwick	Keifer Canal No. 2	Irrig.	9.15	26	1	S	Nuckolls	July	2|1943	2175	
Republican R.	Hall, Dorothy A.	Hastings	Sherwood Pump	Irrig.	.97	12	3	21	Furnas	July	2|1943	2333	
Republican R.	Gupton, L. H.	Oxford	Gupton Pump	Irrig.		21	3	20	Harlan	Aug.	24|1944	3671	
Republican R.	Peterson, Ben E.	Orleans	Peterson Canal	Irrig.		1	2	20	Harlan	Aug.	31|1944	3676	
Republican R., South Fork	Karr, J. W.	Benkelman	Karr Canal	Irrig.	2.00	20	1	37	Dundy	Jan.	22|1943	155	
Republican R., South Fork	Riverside Ditch Co.	Benkelman	Riverside Canal	Irrig.	13.00	29	1	37	Dundy	Jan.	22|1943	156	
Rock Creek	Campbell, R. R.	Parks	Rock Creek Canal	Irrig.	.33	13	2	40	Dundy	Jan.	29|1943	526	
Rock Creek	Benkelman Light Ass'n.	Benkelman	Benkelman Plant.	Power.	20.00	8	1	39	Dundy	Feb.	5|1943	1245	
Rock Creek	Owens, J. S. et al.	Parks	Owens Canal	Irrig.	.36	31	2	39	Dundy	Feb.	13|1943	265	
Rock Creek	Pringle, Geo. N.	Parks	Parks Canal Ext.	Supple.		17	1	39	Dundy	Mar.	25|1943	1609	
Rock Canyon Creek	Stonberg, Sanford	Max	Stonberg Canal	Irrig.	1.00	2	2	37	Dundy	Feb.	5|1943	1070	
Rock Canyon Creek	Rudisell, L. C.	Benkelman	Rudisell Dam	Fish	†5A	35	3	37	Dundy	Feb.	13|1943	1970	
Sappa Creek	Fults, J. F.	Beaver City	Fults Pump	Irrig.	1.48	13	1	23	Furnas	Feb.	13|1943	1922	
Sappa Creek	Winslow, Mrs. Orin E.	Beaver City	Winslow Pump	Irrig.	.86	15	1	22	Furnas	Feb.	13|1943	2252	
Spring Creek	Carlson, J. C.	Benkelman	Benkelman Canal	Irrig.	1.29	19	1	37	Dundy	Jan.	29|1943	373	
Spring Creek	Sindt, Henry	Naponee	Sindt Pump	Irrig.	1.00	17	2	16	Franklin	Jan.	7|1943	1838	
Spring Creek	McDonald, Lyle A.	Benkelman	McDonald Pump	Irrig.		19	1	37	Dundy	Jan.	15|1944	3615	
Spring Creek	Sylvester, John E.	Oxford	Sylvester Pump	Irrig.		21	4	20	Harlan	May	31|1944	3663	

Stinking Water Creek	Kilpatrick Brothers	Beatrice	Chase Co. Land and Live Stock Canal No. 7	Irrig.	4.57	36	7	37	Chase	Jan.	13	1943	72	—
Stinking Water Creek	Krotter, F. C., Estate	Palisade	Krotter Pump	Irrig.	3.00	25	5	34	Hayes	Feb.	5	1943	175	1046
Thompson Cr.	Eshelman, C. F.	Riverton	Eshelman Pump	Irrig.	.06	10	2	13	Franklin	Mar.	25	1943		2550
DIVISION 1-C Little Blue	Hill, Ralph W.	Hebron	Hill Pump	Irrig.	36	3	3	3	Thayer	Dec.	31	1942		3567
DIVISION 1-D Blue River, Big	Strong, M. D.	Stromsburg	Strong Pump	Irrig.	3	13	2	2	Polk	Nov.	13	1942		3562
DIVISION 1-E Lodgepole Cr.	Tesar, Mrs. Mary	Sunol	Tesar Pump	Irrig.	26	14	48	48	Cheyenne	Nov.	3	1943		3591
Lodgepole Cr.	Keefe, D. S.	Sidney	Keefe Pump	Irrig.	34	14	40	40	Cheyenne	Jan.	15	1944		3613
DIVISION 2-A Columbus Drain Ditch	Butler, Mrs. Annie C.	Lincoln	Butler Pump	Irrig.	8	17	1E	1E	Platte	Aug.	24	1944		3674
Loup R., Middle Ravine, Trib. to	Lewin, M. F.	Arcadia	Lewin Reservoir	Storage	19	17	16	16	Valley	Sept.	6	1944		3666
Loup R., North Wallace Creek	Miller, M. S.	Brewster	Miller Pump	Irrig.	9	23	23	23	Blaine	Aug.	31	1944		3683
	Honnold, C. L.	Grady, Okla.	Honnold Pump	Irrig.	9	17	12	12	Greeley	Aug.	31	1944		3684
DIVISION 2-C Meglin Creek	Kibby, Clarence H.	Naper	Kibby Pump	Irrig.	21	34	16	16	Boyd	Aug.	24	1944		3675
Pollen Creek	Ross, Charley	Redbird	Ross Canal	Irrig.	9	32	10	10	Holt	Aug.	9	1944		3664
DIVISION 2-E Hat Creek, East, Ravine, Trib. to	Doyle, Mary	Harrison	Doyle Reservoir	Storage	16	32	55	55	Sioux	June	23	1943		3587

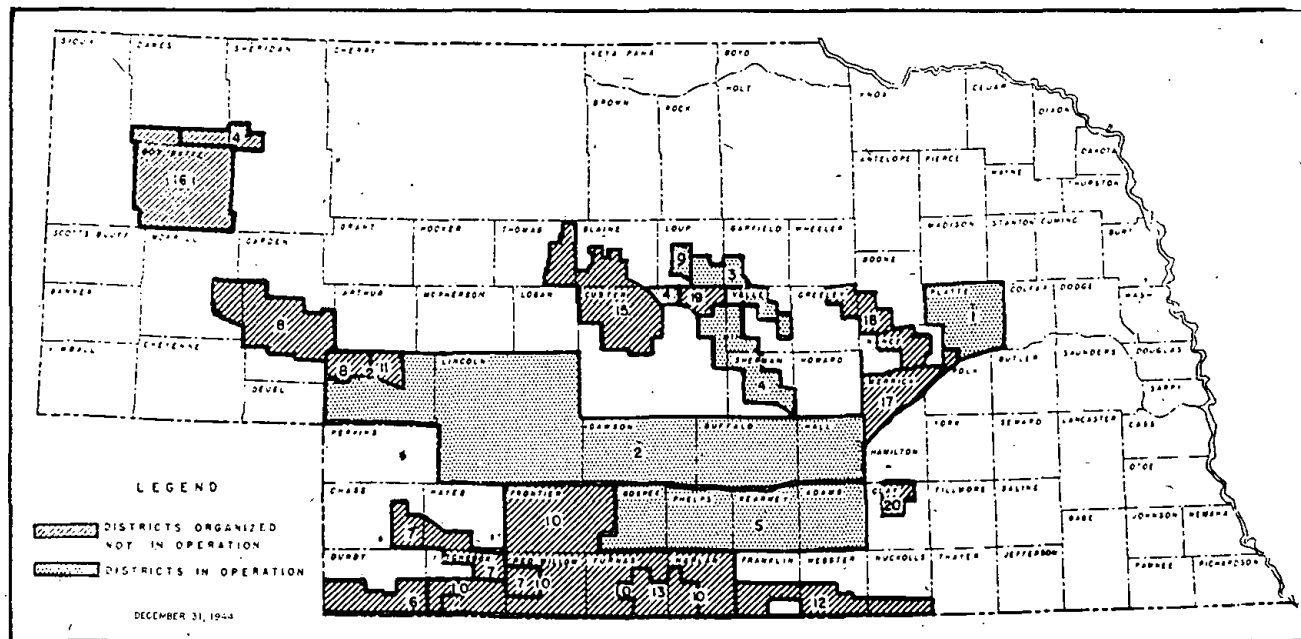
PUBLIC DISTRICTS ORGANIZED UNDER CHAPTER 70, ARTICLE 6, REVISED STATUTES, 1943
POWER AND IRRIGATION DISTRICTS

Name of District	Headquarters	Municipalities Constituting District	Proposed Area in Acres to be Reclaimed.	Proposed Capacity of Reservoir in Acre-feet
Almeria Public Power and Irrigation District	Almeria	Strohl Voting Precinct in Loup County	3,603	—
Beaver-Sappa Public Power and Irrigation District	Stamford	Emerson, Eldorado, Orleans, Fairfield and Sappa Townships in Harlan County; Richmond, Maple Creek, Weaver, Eureka, Lincoln and Beaver City Voting Precincts in Furnas County	49,000	No. 1—40,000 No. 2—40,000
Benkelman-Haigler-Arickaree Public Irrigation District	Haigler	Haigler, Parks, Benkelman, Indian Creek and Max Voting Precincts in Dundy County; Stratton, Union and Pleasant View Voting Precincts in Hitchcock County	38,700	No. 1—45,000 No. 2—1,500 No. 3—40,000
Blue Creek Public Power and Irrigation District	Lewellen	Lonergan and Belmar Voting Precincts in Keith County; Blue Creek, Lost Creek and Lisco Voting Precincts in Garden County; Eastwood Voting Precinct in Morrill County	30,000	35,000
Cedar Valley Public Power and Irrigation District	Cedar Rapids	Cedar, Spalding and Leo Valley Voting Precincts in Greeley County; Dublin, North Cedar, and South Cedar Voting Precincts in Boone County; Timber Creek, Cedar, Council Creek and Fullerton Voting Precincts and City of Fullerton in Nance County	30,800	20,000
The Central Nebraska Public Power and Irrigation District	Hastings	Adams, Phelps, Gosper and Kearney Counties	205,154	2,000,000
Dismal River Public Irrigation District	Anselmo	Dunning Voting Precinct in Blaine County; Natick Voting Precinct in Thomas County; Hayes, Cliff, Kilfoil, and Victoria Voting Precincts in Custer County	30,000	—

Harvard Public Power and Irrigation District	Harvard.....	Eldorado, Harvard First, Harvard Second, and Lynn Voting Precincts in Clay County	20,000	—
Imperial Valley Public Power and Irrigation District	Palisade.....	Village of Imperial, Pioneer and Fisher Voting Precincts in Chase County; Palisade, Beverly, Pleasant Hill, Riverside, Culbertson and Blackwood Voting Precincts in Hitchcock County; Perry, Willow Grove, Valley Grange and Driftwood Voting Precincts in Red Willow County; Hamlet and Hopewell Voting Precincts in Hayes County	23,544	12,600
Loup River Public Power District	Columbus.....	Platte County.....		11,000
Merrick County Public Irrigation District	Central City.....	Merrick County.....	16,000	Regulating Reservoir
Middle Loup Public Power and Irrigation District	Arcadia.....	Sargent, Comstock, Douglas Grove, Myrtle and Spring Creek Voting Precincts in Custer County; Geranium, Liberty, Arcadia and Yale Voting Precincts in Valley County; Washington, West Logan, Webster, West Loup City, East Loup City, Clay, Austin and Rockville Voting Precincts in Sherman County	49,473	—
Mirage Flats Public Power and Irrigation District	Hay Springs.....	Craig Voting Precinct in Dawes County, Mirage and Running Water Voting Precincts in Sheridan County	15,320	47,670
North Loup River Public Power and Irrigation District	Ord.....	Rockford and Burwell Village Voting Precincts in Garfield County; Taylor and Kent Voting Precincts in Loup County; Elyria, Ord Township, Ord City and North Loup Voting Precincts in Valley County	36,302	—
Panhandle Public Pump Irrigation District	Alliance.....	Boyd, Lake, Box Butte, Wright, Running Water, Nonpariel, Dorsey, Snake Creek, Liberty and Lawn Voting Precincts, Exclusive of City of Alliance in Box Butte County; Leonard Voting Precinct in Dawes County	10,000	—

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

Name of District	Headquarters	Municipalities Constituting District	Proposed Area in Acres to be Reclaimed	Proposed Capacity of Reservoir in Acre-feet
Platte Valley Public Power and Irrigation District	North Platte.....	Keith, Lincoln, Dawson, Buffalo and Hall Counties	198,173	200,000
The Republican River Public Power and Irrigation District	Superior.....	Turkey Creek, Farmers, Oak Grove, Bloomington, Franklin, Marion, Washington and Grant Voting Precincts in Franklin County; Inavale, Walnut Creek, Red Cloud, Line, Pleasant Hill, Garfield and Guide Rock Voting Precincts in Webster County; Bostwick, Beaver, Garfield and Hardy Voting Precincts in Nuckolls County	35,500	40,000
Sargent Public Irrigation District	Sargent.....	Sargent Voting Precinct No. 1, Including City of Sargent; Corner Voting Precinct (formerly Sargent Voting Precinct No. 2); West Union Voting Precinct and Milburn Voting Precinct, in Custer County	15,363	—
United Public Power and Irrigation District	Cambridge.....	Frontier County; Furnas County; Harlan County; Red Willow County, Exclusive of City of McCook; Stratton, Pleasant View, Trenton, Grant, Logan, Union, Freedom, Upper, Cornell and Driftwood Voting Precincts in Hitchcock County	13,000	34,000
White Tail Public Power and Irrigation District	Keystone.....	White Tail Voting Precinct in Keith County.....	7,000	21,000



NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICTS

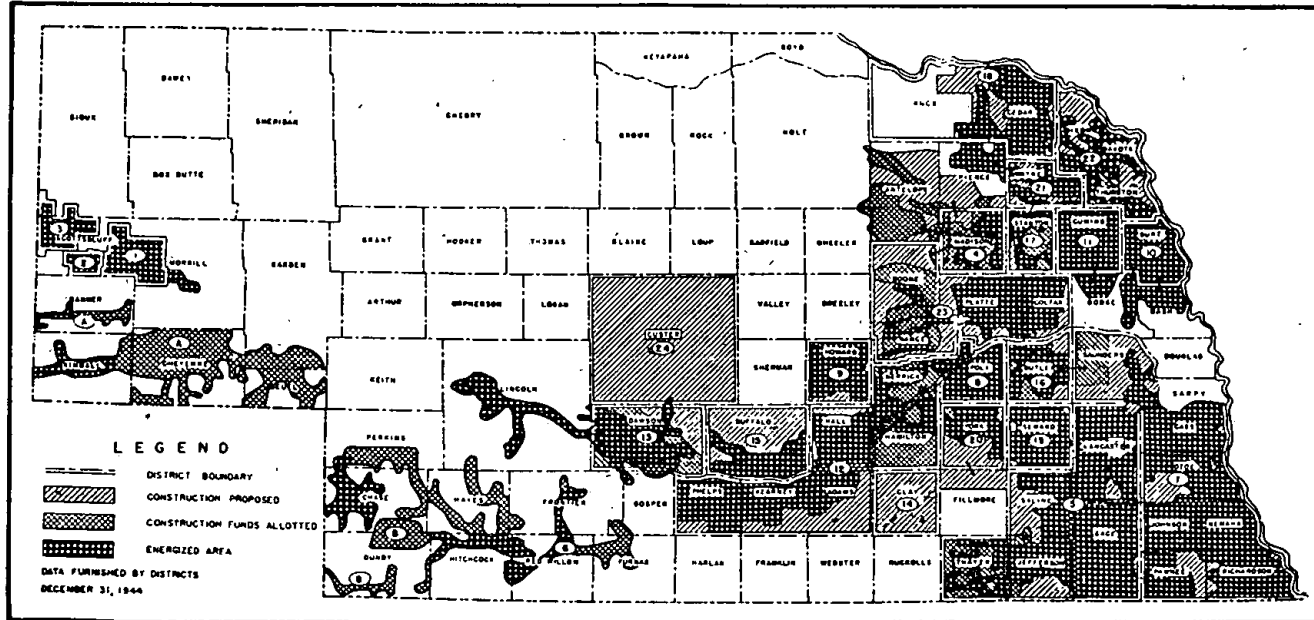
- | | | |
|--|---|---|
| 1. Loup River Pub. Pow. Dist. | 7. Imperial Valley Pub. Pow. & Irr. Dist. | 14. Mirage Flats Pub. Pow. & Irr. Dist. |
| 2. Platte Valley Pub. Pow. & Irr. Dist. | 8. Blue Creek Pub. Pow. & Irr. Dist. | 15. Dismal River Pub. Pow. & Irr. Dist. |
| 3. North Loup River Pub. Pow. & Irr. Dist. | 9. Almeria Pub. Pow. & Irr. Dist. | 16. Panhandle Pub. Pump Irr. Dist. |
| 4. Middle Loup Pub. Pow. & Irr. Dist. | 10. United Pub. Pow. & Irr. Dist. | 17. Merrick County Pub. Pump Irr. Dist. |
| 5. The Central Nebr. Pub. Pow. & Irr. Dist. | 11. White Tail Pub. Pow. & Irr. Dist. | 18. Cedar Valley Pub. Pow. & Irr. Dist. |
| 6. Benkelman-Haigler-Arickaree Pub. Irr. Dist. | 12. Republican River Pub. Pow. & Irr. Dist. | 19. Sargent Pub. Irr. Dist. |
| | 13. Beaver-Sappa Pub. Pow. & Irr. Dist. | 20. Harvard Pub. Pow. & Irr. Dist. |

Note: Consumers Public Power District not shown on map.

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

Name of District	Headquarters	Municipalities Constituting District
Buffalo County Public Power District.....	Kearney.....	Buffalo County, Exclusive of City of Ravenna and City of Kearney
Burt County Rural Public Power District.....	Tekamah.....	Burt County
Butler County Rural Public Power District.....	David City.....	Butler County, Exclusive of City of David City
Cedar-Knox County Rural Public Power District.....	Hartington.....	Cedar County: Hill, Herrick, Frankfort, Eastern, Dolphin, Lincoln, Columbia and Dowling Townships in Knox County
Chimney Rock Public Power District.....	Bayard.....	Morrill County: Dewey, Field, Tabor, Highland and Castle Rock Voting Precincts in Scotts Bluff County
Clay County Rural Public Power District.....	Clay Center.....	Clay County
Consumers Public Power District.....	Columbus.....	All Voting Precincts in State Comprised in Whole or in Part of any Incorporated City or Village Furnished Electrical Energy at Retail by the District
Cornhusker Rural Public Power District.....	Columbus.....	Boone County; Nance County; Colfax County; Platte County, Exclusive of City of Columbus
Cuming County Rural Public Power District.....	West Point.....	Cuming County, Exclusive of City of Wisner and City of West Point
Dawson County Public Power District.....	Lexington.....	Dawson County
Eastern Nebraska Public Power District.....	Syracuse.....	Richardson, Pawnee, Nemaha, Johnson, Cass, Otoe and Saunders Counties; Mill and Stevens Creek Voting Precincts in Lancaster County
Gering Valley Rural Public Power District.....	Gering.....	Roubadeaux and Gering Voting Precincts, Exclusive of City of Gering in Scotts Bluff County
Howard County Rural Public Power District.....	St. Paul.....	Howard County, Exclusive of City of St. Paul
McCook Public Power District.....	McCook.....	City of McCook in Red Willow County
Madison County Rural Public Power District.....	Battle Creek.....	Valley, North Deer Creek, South Deer Creek, Meadow Grove, Jefferson, Grove, Highland, Battle Creek, Warnerville, Enola, Union, Fairview, Schoolcraft, Emerick, Shell Creek, Kalamazoo, Green Garden, Norfolk, Exclusive of City of Norfolk, and Madison, Exclusive of City of Madison, Voting Precincts in Madison County

Norris Rural Public Power District.....	Fairbury.....	Thayer County, Exclusive of City of Hebron; Jefferson County, Exclusive of City of Fairbury; Saline County, Exclusive of City of Crete and City of Wilber; Gage County, Exclusive of City of Beatrice and City of Wymore; Lancaster County, Exclusive of Lancaster Voting Precinct and City of Lincoln
Northeast Nebraska Rural Public Power District.....	Emerson.....	Dixon County; Emerson, Pigeon, Summit, St. Johns, Hubbard and Omadi Voting Precincts in Dakota County; Perry, Flourney, Thayer and Pender Voting Precincts in Thurston County
Polk County Rural Public Power District.....	Stromsburg.....	Silver Creek and Clarksville No. 1 Voting Precincts in Merrick County; Polk County, Exclusive of City of Stromsburg and City of Osceola
Roosevelt Rural Public Power District.....	Mitchell.....	Ford, Fanning, Kiowa, Mitchell and Funston Voting Precincts in Scotts Bluff County; Spotted Tail, Townsend and Roosevelt Voting Precincts in Sioux County
Seward County Rural Public Power District.....	Seward.....	Seward County
Southern Nebraska Rural Public Power District.....	Grand Island.....	Phelps County, Exclusive of City of Holdrege; Kearney County, Exclusive of City of Minden; Hamilton County, Exclusive of City of Aurora; West Blue, Highland, Verona, Kenesaw, Wanda, Juniata, Denver, Blaine, Hanover, Ayr, Roseland and Cottonwood Voting Precincts in Adams County; Lake, Prairie Creek, Mayfield, South Loup, Camaron, Harrison, Center, Washington, Exclusive of City of Grand Island, Alda, Wood River, Jackson, Martin, Doniphan and South Platte Voting Precincts in Hall County; Palmer, Loup, Prairie Creek, Vieregg, Midland, Chapman, Mead, Lone Tree, Prairie Island, Clarksville No. 2 and Central Voting Precincts in Merrick County
Stanton County Rural Public Power District.....	Stanton.....	Stanton County
Wayne County Rural Public Power District.....	Wayne.....	Wayne County, Exclusive of City of Wayne
York County Rural Public Power District.....	York.....	York County, Exclusive of City of York



NEBRASKA RURAL ELECTRIFICATION DISTRICTS

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|---|--|--|
| 1. Chimney Rock Pub. Pow. Dist. | 10. Burt County Rural Pub. Pow. Dist. | 18. Cedar-Knox County Rural Pub. Pow. Dist. |
| 2. Gering Valley Rural Pub. Pow. Dist. | 11. Cuming County Rural Pub. Pow. Dist. | 19. Seward County Rural Pub. Pow. Dist. |
| 3. Roosevelt Rural Pub. Pow. Dist. | 12. Southern Nebr. Rural Pub. Pow. Dist. | 20. York County Rural Pub. Pow. Dist. |
| 4. Madison County Rural Pub. Pow. Dist. | 13. Dawson County Pub. Pow. Dist. | 21. Wayne County Rural Pub. Pow. Dist. |
| 5. Norris Rural Pub. Pow. Dist. | 14. Clay County Rural Pub. Pow. Dist. | 22. Northeast Nebr. Rural Pub. Pow. Dist. |
| 6. McCook Pub. Pow. Dist. | 15. Buffalo County Pub. Pow. Dist. | 23. Cornhusker Rural Pub. Pow. Dist. |
| 7. Eastern Nebraska Pub. Pow. Dist. | 16. Butler County Rural Pub. Pow. Dist. | 24. Custer Pub. Pow. Dist. |
| 8. Polk County Rural Pub. Pow. Dist. | 17. Stanton County Rural Pub. Pow. Dist. | "A" Served by Wyoming R. E. A. District |
| 9. Howard County Rural Pub. Pow. Dist. | | "B" High Line Electric Assn., Holyoke, Colo. |

Note: Consumers Public Power District not shown on map

PUBLIC DISTRICTS DISSOLVED

Name of District	Headquarters	Remarks	Date of Dissolution
Boone and Nance Rural Public Power District	St. Edward.....	All of District Included in Cornhusker Rural Public Power District	Feb. 11, 1944
Dawson County Public Pump Irrigation District	Lexington.....		Nov. 2, 1942
Hall County Public Pump Irrigation District	Wood River.....		June 3, 1941
Hall County Rural Public Power District	Wood River.....	All of District Included in Southern Nebraska Rural Public Power District	April 11, 1942
Hamilton County Rural Public Power District	Aurora.....	All of District, Excepting City of Aurora, Included in Southern Nebraska Rural Public Power District	April 11, 1942
Lancaster County Rural Public Power District	Walton.....	All of District, Excepting Lancaster Voting Precinct, Included in Norris Rural Public Power District	Aug. 3, 1942
Merrick County Rural Public Power District	Central City.....	All of District Included in Southern Nebraska Rural Public Power District, Excepting Clarksville No. 1 and Silver Creek Voting Precincts Which Are Included in Polk County Rural Public Power District	April 11, 1942
South Platte Public Power and Irrigation District	Ogallala.....		July 2, 1942
Southeastern Nebraska Rural Public Power District	Beatrice.....	All of District, Excepting Cities of Beatrice and Wymore, Included in Norris Rural Public Power District	June 15, 1942
Thayer County Rural Public Power District	Hebron.....	All of District, Excepting the City of Hebron, Included in Norris Rural Public Power District	Dec. 3, 1942

DRAINAGE DISTRICTS

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

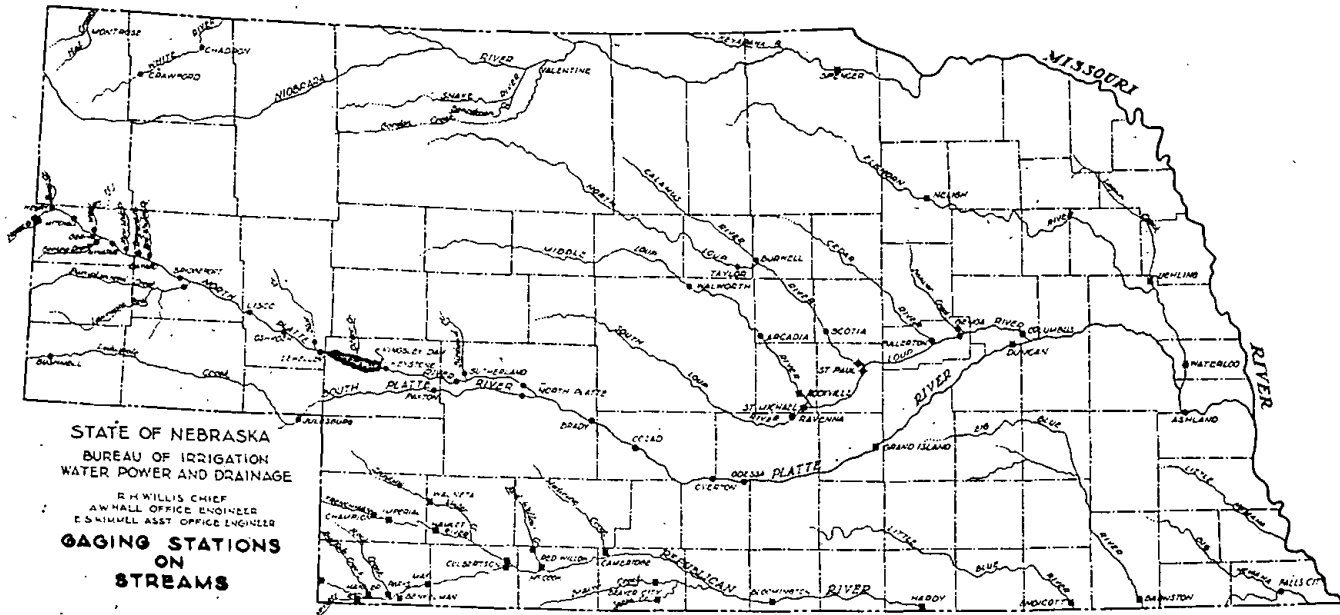
County	Name of District	Date of Approval of Plans
Buffalo	John Swenson Drainage Ditch	Nov. 5, 1920
Burt-Thurston	Lyons Drainage Ditch	
Burt-Washington	Burt-Washington County Drainage Dist. No. 1	Aug. 2, 1915
Burt-Washington	Burt-Washington County Drainage Dist. No. 2	Feb. 19, 1925
Burt-Washington	Peterson Bend Protection District	Sept. 2, 1921 (Retards)
Butler	Yanike Drainage District	
Butler	Drainage District No. 1	Aug. 5, 1918
Butler	Drainage District No. 2	July 26, 1917
Cedar	Laurel Drainage District	Dec. 15, 1925
Cherry	Horshoe 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 Ditch No. 2	June 5, 1926
Douglas-Sarpy	Elkhorn Valley Drainage District	June 24, 1919
Douglas-Sarpy	Elkhorn Valley Drainage District (Elkhorn River Cut-Off and Extension of Main Ditch No. 3)	Nov. 8, 1922
Douglas-Sarpy	Elkhorn Valley Drainage District	May 26, 1923 (Retards)
Fillmore	Drainage District	
Franklin	Republican River Drainage District	
Frontier	Drainage District No. 1	Mar. 31, 1915
Furnas	Republican River Control	July 22, 1931

BUREAU OF IRRIGATION

179

DRAINAGE DISTRICTS—Concluded

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 Bottom Drainage District	Mar. 3, 1923 (Retards)
Lancaster	Salt Creek Drainage District Lancaster Drainage District No. 1	
Lincoln	Drainage District No. 1	Mar. 23, 1922
Lincoln	Drainage District No. 2	Dec. 4, 1929
Madison	Norfolk Drainage District	Mar. 18, 1924
Merrick	Drainage District No. 1	Feb. 17, 1916
Merrick	Drainage District No. 2	May 10, 1921
Morrill	Minatare Drainage District	
Nemaha	Drainage District No. 3	July 6, 1916
Nemaha	Peru Drainage District No. 6	April 19, 1927
Nuckolls	Drainage District No. 1	
Otoe-Johnson	Drainage District No. 1	Oct. 31, 1914
Otoe-Johnson	Drainage District No. 1 (Spring Creek Cut-Off Ditch)	Sept. 15, 1932
Platte	Holdrege Drainage District	
Richardson	Drainage District No. 1	
Richardson	Drainage District No. 2	
Richardson	Drainage District No. 3	Dec. 24, 1921
Richardson	Drainage District No. 4	April 13, 1916
Richardson	Drainage District No. 5	May 8, 1920
Richardson	Drainage District No. 6	Sept. 18, 1930
Richardson	Barada Drainage District	June 6, 1921
Sarpy	Western Sarpy Drainage District	Nov. 15, 1917
Sarpy	Western Sarpy Drainage District (Extension of Hendrichs Ditch)	Aug. 19, 1924
Sarpy	Belleuve 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. 15, 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



STATE OF NEBRASKA
BUREAU OF IRRIGATION
WATER POWER AND DRAINAGE

R. H. WILLIS CHIEF
 A. W. HALL OFFICE ENGINEER
 E. S. HEMMEL ASST. OFFICE ENGINEER

GAGING STATIONS
ON
STREAMS

DESCRIPTIONS OF GAGING STATIONS

NORTH PLATTE RIVER BELOW PATHFINDER DAM, WYOMING

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

ELEVATION:—Approximately 5,650 feet above mean sea level.

DISTANCE FROM RESERVOIR:—About $\frac{1}{4}$ 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, 1944.

NORTH PLATTE RIVER BELOW ALCOVA DAM, WYOMING

LOCATION:—In Section 19, Township 30 North, Range 82 West. Discharge measurements made from a cable located about 10 yards above the recorder shelter. Maintained by the United States Bureau of Reclamation.

ELEVATION:—Approximately 5,330 feet above mean sea level.

DISTANCE FROM RESERVOIR:—About $\frac{1}{4}$ mile below dam.

DRAINAGE AREA:—10,720 square miles.

CHANNEL:—300 feet wide with gravel bottom.

GAGES:—Vertical staff about 15 yards from bank at recorder shelter. Vertical staff in stilling well. Tape hook gage in stilling well.

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

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

RECORDS AVAILABLE:—June 1, 1935, to September 30, 1944.

NORTH PLATTE RIVER BELOW GUERNSEY DAM, WYOMING

LOCATION:—In Section 35, Township 27 North, Range 66 West, $\frac{3}{4}$ of a mile below Guernsey Dam and 1 mile northwest of Guernsey. Discharge measurements are made from a cable located about 100 yards below the recorder. Maintained by the United States Bureau of Reclamation.

ELEVATION:—4,430 feet above mean sea level.

DISTANCE FROM PATHFINDER RESERVOIR:—192 miles.

DRAINAGE AREA:—16,200 square miles.

GAGE:—Slope gage on river bank.

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

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

RECORDS AVAILABLE:—October 1, 1927, to September 30, 1944.

NORTH PLATTE RIVER BELOW WHALEN, WYOMING

LOCATION:—In the SW $\frac{1}{4}$ of Section 12, Township 26 North, Range 65 West, $2\frac{1}{4}$ miles below Whalen Dam. Established April 16, 1938. Maintained by the United States Bureau of Reclamation.

ELEVATION:—Approximately 4,250 feet above mean sea level.

DISTANCE FROM PATHFINDER:—200 miles.

DRAINAGE AREA:—16,300 square miles.

BENCH MARKS:—No. 1 is standard tablet set in concrete block, located 30 feet upstream and in line with front of shelter, elevation, 8.96 feet. No. 2 is standard tablet in concrete block located 32 feet southeast of shelter on side of second bank, elevation, 11.38 feet.

GAGE:—Cantilever chain gage, scale 0-10.1, located 11 feet downstream. Adjustable reference point in edge of recorder shelf, elevation 11.35 feet.

RECORDER:—A Stevens Type A-35 recorder in small timber shelter on north bank, $\frac{1}{2}$ mile below the sand sluice on the Interstate Canal.

OBSERVER:—Employees of the United States Bureau of Reclamation.

RECORDS AVAILABLE:—April 16, 1938, to September 30, 1944.

REMARKS:—Discharge records obtained by subtracting flow of Interstate and Fort Laramie Canals from Guernsey Reservoir Outflow prior to the establishment of this station.

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

LOCATION:—In the NE $\frac{1}{4}$ of Section 10, Township 23 North, Range

60 West, $\frac{1}{4}$ mile above the Wyoming-Nebraska state line, about 500 feet below the headgate of the Mitchell Canal. Established April 29, 1929. Maintained by Nebraska, Wyoming, and the United States Geological Survey, Denver District Office. Measurements made by wading or from cable.

ELEVATION:—Approximately 4,035 feet above mean sea level.

DISTANCE FROM PATHFINDER:—240 miles.

DRAINAGE AREA:—22,100 square miles.

BENCH MARKS:—No. 1 is the top of a bolt in concrete on top of cable anchorage on south bank, elevation 5.04 feet. No. 2 is a standard tablet set in a concrete post on north bank, elevation 4.84 feet. The recorder shelter was moved downstream about 100 feet from bench mark No. 2, December 15, 1942. Adjustable reference point in edge of recorder shelf, elevation 11.09 feet.

GAGE:—Outside gage is boxed cantilever chain gage on north bank just above recorder shelter, chain length, 15.82 feet.

RECORDER:—Stevens continuous recorder installed November 6, 1929, and has been in continuous operation. Recorder replaced January 8, 1941, by Wyoming.

OBSERVER:—Water commissioner during the irrigation season.

RECORDS AVAILABLE:—May 1, 1929, to September 30, 1944.

HIGHEST GAGE READING:—2.63, March 31, water year 1943.
3.10, May 22, water year 1944.

LOWEST GAGE READING:—0.70, May 3, water year 1943.
0.51, April 3, water year 1944.

NORTH PLATTE RIVER AT MITCHELL

LOCATION:—Highway bridge near the southwest corner of Section 27, Township 23 North, Range 56 West, $\frac{1}{4}$ mile south of Mitchell.

ELEVATION:—Approximately 3,945 feet above mean sea level.

DISTANCE FROM PATHFINDER:—253 miles.

DRAINAGE AREA:—24,300 square miles.

BENCH MARKS:—No. 1 is a cross chiseled in concrete on extreme outer end of the southeast wingwall of the south abutment, elevation, 13.39 feet. Gage datum lowered one foot July 1, 1942. No. 2 is a square bridge spike driven horizontally into old timber piling eight feet south of recorder shelter and eight feet downstream from the bridge, elevation, 3.68 feet.

GAGE:—Outside chain and weight gage installed July 1, 1942, and attached to bridge rail to replace old staff gage, chain length, 18.52 feet. Adjustable reference point on edge of recorder shelf, elevation, 10.41 feet.

NORTH PLATTE RIVER AT MITCHELL—CONCLUDED

RECORDER:—Stevens continuous recorder was installed October, 1927, by the State of Nebraska and has been in operation to date.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—From June 2, 1901, to July 10, 1913, and April 18, 1916, to September 30, 1944.

HIGHEST GAGE READING:—4.28, March 31, water year 1943.
4.32, May 22, water year 1944.

LOWEST GAGE READING:—1.50, May 14, water year 1943.
1.35, June 3, water year 1944.

NORTH PLATTE RIVER AT MINATARE

LOCATION:—In Section 13, Township 21 North, Range 54 West. The recorder shelter is on the north bank about 300 feet upstream from highway bridge, $1\frac{1}{4}$ miles southwest of Minatare.

ELEVATION:—Approximately 3,820 feet above mean sea level.

DISTANCE FROM PATHFINDER:—270 miles.

DRAINAGE AREA:—24,700 square miles.

BENCH MARKS:—No. 1 is a cross chiseled in concrete near corner of bridge ledge about 1 foot above floor level on upstream side and at end of north abutment wingwall, elevation, 11.12 feet. No. 2 is a standard tablet in concrete post, 23 feet downstream from bridge, at station 78, elevation, 3.69 feet. No. 3 is the head of spike driven horizontally in east side of 6-inch willow stump 65 feet northwest of shelter, established April 12, 1944, elevation, 10.78 feet. Adjustable reference point in edge of recorder shelf, elevation, 10.70 feet.

GAGE:—Outside gage is a 0-3.3 foot enamel scale, 10 feet downstream from shelter, fastened to 2x8 timber driven into bed of stream and spiked securely to large log.

RECORDER:—Stevens Type A-30 continuous recorder in standard timber shelter on north bank of main channel, installed July 21, 1936.

OBSERVER:—Water commissioner during the irrigation season.

RECORDS AVAILABLE:—May, 1916, to September 30, 1944, with the exception of the year 1920.

HIGHEST GAGE READING:—2.80, May 29, water year 1943.
3.49, May 17, water year 1944.

LOWEST GAGE READING:—1.48, July 9, water year 1943.
0.84, July 2, water year 1944.

NINE MILE (NORTH) CHANNEL OF NORTH PLATTE
RIVER NEAR MINATARE

LOCATION:—At highway bridge west line of Section 18, Township 21 North, Range 53 West.

BENCH MARKS:—No. 1 is head of ¼-inch bolt driven horizontally in 30-inch cottonwood tree located 200 feet to left and 60 feet downstream from shelter, elevation, 5.85 feet. No. 2 is head of ¼-inch bolt driven horizontally in 8-inch cottonwood tree located 150 feet to right and 60 feet downstream from shelter, elevation, 6.97 feet. No. 3 is head of 60d spike driven vertically in top of old cut off piling located 15 feet downstream from shelter, elevation, 5.73 feet. Adjustable reference point, elevation, 8.77 feet.

GAGE:—Outside gage is cantilever chain gage located 7 feet downstream from shelter, chain length, 9.58 feet. Datum is same as that of staff gage used previously located 25 feet downstream.

RECORDER:—Installed January 16, 1941, a Stevens Type A recorder in small timber shelter located 25 feet upstream from bridge on north bank.

OBSERVER:—Water commissioner during the irrigation season.

HIGHEST GAGE READING:—3.07, April 3, water year 1943.
3.22, May 17, water year 1944.

LOWEST GAGE READING:—0.64, July 9, water year 1943.
0.73, July 2, water year 1944.

REMARKS:—This channel is measured separately from the flow in the North Platte River near Minatare, and added to give the combined flow passing Minatare. It has always been measured as part of the river flow at Minatare.

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, ½ mile north of Bridgeport. Established in May, 1902.

ELEVATION:—3,656.15 feet above mean sea level.

DISTANCE FROM PATHFINDER:—293 miles.

DRAINAGE AREA:—25,300 square miles.

BENCH MARKS:—No. 2 is the head of spike driven horizontally in tree stump 16 feet downstream from station 38, at south end of bridge, elevation, 9.02 feet. No. 3 is a cross on top of concrete abutment on downstream side at south end of bridge, elevation, 15.62 feet. No. 4 is a standard United States Coast and Geodetic Survey bench mark at rear of office of State Bureau of Irrigation, elevation, sea level datum, 3,666.32 feet. Zero of gage is 3,656.15 feet, sea level datum.

NORTH PLATTE RIVER AT BRIDGEPORT—CONCLUDED

Reference point is the slot in screw head on edge of recorder shelf, elevation, 16.73 feet.

GAGE:—Outside vertical staff, consisting of a 3.33 to 6.70 scale on a plank bolted to downstream piling on 8th pier from south abutment.

RECORDER:—Stevens Long Distance recorder Type CA was moved from south end of bridge August 26, 1941, and installed in shelter attached to 8th pier from the south end of bridge on downstream side. Registering recorder is located in State Bureau of Irrigation office building.

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

RECORDS AVAILABLE:—From May, 1902, to 1906, and 1915, to September 30, 1944.

HIGHEST GAGE READING:—2.30, April 2, water year 1943.
6.57, June 13, water year 1944.

LOWEST GAGE READING:—4.78, July 12, water year 1943.
4.95, July 2, water year 1944.

REMARKS:—Browns Creek Channel is measured separately from the main river channel and added to give the combined flow passing Bridgeport.

BROWNS CREEK CHANNEL OF NORTH PLATTE RIVER
AT BRIDGEPORT

LOCATION:—About $\frac{1}{4}$ mile upstream from Highway No. 19 and about 250 yards north of the river near west line of Section 28, Township 20 North, Range 50 West.

BENCH MARKS:—No. 1 is standard bronze tablet in concrete post 72 feet east of recorder shelter and 10 feet north of bank, elevation, 3.20 feet. Adjustable reference point on edge of recorder shelf, elevation 7.00 feet.

GAGE:—Outside staff gage fastened to 2x6-inch plank 4 feet downstream from shelter on north bank.

RECORDER:—On July 10, 1943, a Stevens Type E recorder was installed in timber shelter on top of 40-inch stilling well. Prior to July 10, 1943, staff readings only were made daily during the irrigation season.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—Continuous daily discharge record from July 10, 1943, to September 30, 1944.

HIGHEST GAGE READING:—Incomplete Record, water year 1943.
3.13, July 10, water year 1944.

LOWEST GAGE READING:—Incomplete Record, water year 1943.
0.54, July 28, water year 1944.

NORTH PLATTE RIVER AT LISCO

LOCATION:—Steel highway bridge, consisting of eight 80-foot spans, in Section 33, Township 18 North, Range 46 West, $\frac{1}{2}$ mile south of Lisco. Established September 9, 1931.

ELEVATION:—Approximately 3,540 feet above mean sea level.

DISTANCE FROM PATHFINDER:—321 miles.

DRAINAGE AREA:—26,900 square miles.

BENCH MARKS:—No. 1 is a cross chiseled in concrete near corner of bridge seat at downstream end of south abutment, elevation, 8.68 feet. No. 2 is the top of pier directly above top of staff gage, elevation, 8.84 feet. Reference point is the slot in brass screw head on edge of recorder shelf, elevation, 12.59 feet.

GAGE:—A vertical staff gage consisting of 0-6.7 foot 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, 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, 1944.

HIGHEST GAGE READING:—3.07, March 16, water year 1943.
3.20, January 11, water year 1944.

LOWEST GAGE READING:—0.70, July 12, water year 1943.
0.65, July 2, water year 1944.

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.

ELEVATION:—Approximately 3,370 feet above mean sea level.

DISTANCE FROM PATHFINDER:—348 miles.

DRAINAGE AREA:—27,500 square miles.

BENCH MARKS:—No. 1 is the top of reinforcing bar in north downstream corner of first pier from south bank, elevation, 9.22 feet.

NORTH PLATTE RIVER AT OSHKOSH—CONCLUDED

No. 2 is the top of $\frac{5}{8}$ -inch bolt set in top of south downstream bridge seat, elevation, 9.02 feet. Reference point is the slot in screw head set in edge of recorder shelf, elevation, 13.20 feet.

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

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

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—April 7, 1916, to October 30, 1917, and from March 1, 1928, to September 30, 1944.

HIGHEST GAGE READING:—2.90, February 14, water year 1943.
4.27, December 30, water year 1944.

LOWEST GAGE READING:—0.84, July 13, water year 1943.
0.95, July 2, water year 1944.

NORTH PLATTE RIVER NEAR LEWELLEN

LOCATION:—In Section 34, Township 16 North, Range 42 West, about 1 mile southeast of Lewellen and about 1 mile upstream from high water line of Kingsley Reservoir. The river is divided into north and south channels and station is located at highway bridges.

ELEVATION:—Approximately 3,285 feet above sea level.

DISTANCE FROM PATHFINDER:—365 miles.

DRAINAGE AREA:—28,500 square miles.

BENCH MARKS:—North Channel. No. 1 is a cross on top of concrete rail at northwest end of bridge, elevation, 18.71 feet.

South Channel. No. 1 is a cross on top of concrete bridge rail at northwest end of bridge, elevation, 17.73 feet.

GAGE:—Outside staff gages, calibrated from 0 to 6.6 feet, are provided for each channel. They are fastened on timbers between stilling well and pier.

RECORDER:—Two Stevens Type A-35 recorders were installed December 1, 1940, in box shelters on 24-inch galvanized iron stilling wells fastened to bridge piers. The elevation of the reference point on north channel is 19.03 and for the south channel is 18.18 feet.

OBSERVER:—Water commissioner during irrigation season and employees of The Central Nebraska Public Power and Irrigation District during the remainder of the year.

RECORDS AVAILABLE:—December 1, 1940, to September 30, 1944.

HIGHEST GAGE READING:—

North Channel.	5.85, January 6, water year 1943.
	5.58, December 24, water year 1944.
South Channel.	5.75, January 6, water year 1943.
	5.98, December 24, water year 1944.

LOWEST GAGE READING:—

North Channel.	2.50, July 14, water year 1943.
	2.60, July 1, water year 1944.
South Channel.	3.04, July 14, water year 1943.
	3.05, July 2, water year 1944.

NORTH PLATTE RIVER NEAR KEYSTONE

LOCATION:—This station was moved July 21, 1944, to near the west line of Section 1, Township 14 North, Range 38 West, approximately $\frac{1}{4}$ mile below the Sutherland diversion dam. It is a cable across the channel 238 feet between anchor towers.

DISTANCE FROM PATHFINDER:—388 miles.

BENCH MARKS:—Bench mark (a) top of south wingwall of the ogee section of the Sutherland diversion dam, on the north side of the pipe in the wingwall on center line of the dam. Sea level elevation, 3129.50 feet. Bench mark (b) on top of bolt driven horizontally in west piling of the south anchor of the cable station. Sea level elevation, 3119.26 feet. Sea level elevation of the zero of the staff gage is 3106.40 feet. Sea level elevation of reference point in shelter is 3118.11 feet.

GAGE:—A porcelain gage fastened to 2x6-inch timber embedded in concrete base on the south bank of channel immediately north of the shelter.

RECORDER:—Stevens Type A-35 recorder was installed December 29, 1940, in wooden shelter on south bank set over a 36-inch corrugated metal pipe stilling well. This entire installation was moved to present location July 21, 1944.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—July 1, 1939, to September 30, 1939. May 1, 1940, to September 30, 1940. January 1, 1941, to May 18, 1941. March 1, 1942, to September 30, 1944.

HIGHEST GAGE READING:—3.72, August 4, water year 1943.
4.40, August 24, water year 1944.

LOWEST GAGE READING:—0.62, March 12, water year 1943.
0.08, April 16, water year 1944.

NORTH PLATTE RIVER AT SUTHERLAND

LOCATION:—At highway bridge in Section 4, Township 14 North, Range 33 West, $3\frac{1}{2}$ miles north of Sutherland. Established April 25, 1936.

ELEVATION:—Approximately 2,930 feet above mean sea level.

DISTANCE FROM PATHFINDER:—405 miles.

DRAINAGE AREA:—31,700 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in top of a concrete post located 245 feet from north end of bridge, and 25 feet downstream from center line of road, elevation, 9.17 feet. No. 2 is a cross chiseled in concrete ledge and painted red, at extreme north end of downstream guardrail. Ledge is about $2\frac{1}{2}$ feet above bridge floor, elevation, 15.27 feet. Adjustable reference point on floor of shelter, elevation, 18.16 feet.

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

RECORDER:—Stevens Type A-35 recorder, together with shelter and well, was moved from original location on fourth pier from the north bank to first pier from north bank on July 17, 1942.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—April 25, 1936, to September '30, 1944.

HIGHEST GAGE READING:—4.29, July 23, water year 1943.

4.45, August 24, water year 1944.

LOWEST GAGE READING:—2.03, May 29, water year 1943.

2.25, October 1, water year 1944.

NORTH PLATTE RIVER AT NORTH PLATTE

LOCATION:—Concrete highway bridge consisting of 14 spans; in Section 28, Township 14 North, Range 30 West, $\frac{1}{2}$ mile north of the city of North Platte, and about $4\frac{1}{2}$ miles above junction with South Platte River. Established February 25, 1895.

ELEVATION:—Approximately 2,795 feet above mean sea level.

DISTANCE FROM PATHFINDER:—422 miles.

DRAINAGE AREA:—32,000 square miles. United States Geological Survey.

BENCH MARKS:—No. 1 is top of nose of pier on upstream side of bridge 360 feet from south end of bridge, elevation, 10.84 feet. No. 4

is cross on south end of bed plate on top of downstream end of first pier from south end of bridge, elevation, 10.44 feet. No. 5 is top of parapet at junction of wingwall and abutment on outside corner of upstream south abutment, elevation, 11.92 feet.

GAGE:—0-6.7 foot vertical staff gage fastened to the first pier from the south end of 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 bridge.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—February 25, 1895, to September 30, 1944.

HIGHEST GAGE READING:—3.73, June 15, water year 1943.
3.70, August 25, water year 1944.

LOWEST GAGE READING:—1.88, May 29, water year 1943.
1.85, June 27, water year 1944.

SOUTH PLATTE RIVER AT JULESBURG

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

ELEVATION:—Approximately 3,450 feet above mean sea level.

DRAINAGE AREA:—20,600 square miles.

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

Channel No. 2. No. 1 is a standard brass tablet set in concrete block located about 75 feet southeast of recorder shelter, elevation, 6.07 feet. Adjustable reference point set in edge of recorder shelf, elevation, 11.35 feet.

Channel No. 3. No. 1 is 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 standard brass tablet set in concrete block located next to the fence, and about 50 feet upstream from shelter,

SOUTH PLATTE RIVER AT JULESBURG—CONCLUDED

elevation, 6.16 feet. Reference point is slot in screw head in edge of recorder shelf, elevation, 8.41 feet.

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

Channel No. 2. Cantilever chain gage 17.13 feet long, 20 feet downstream from shelter.

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

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

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

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

Channel No. 3. No recorder.

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

OBSERVER:—W. O. Meline, Julesburg Colorado.

RECORDS AVAILABLE:—April, 1902, to November 14, 1906; May 12, 1908, to September 30, 1914; January 1, 1923, to September 30, 1944.

SOUTH PLATTE RIVER AT PAXTON

LOCATION:—On highway bridge in Section 8, Township 13 North, Range 35 West, ½ mile south of Paxton. Established August 10, 1939.

ELEVATION:—Approximately 3,048 feet above mean sea level.

DRAINAGE AREA:—23,600 square miles.

BENCH MARKS:—No. 1 is a cross chiseled on inside junction of wing and abutment walls, downstream end north abutment, elevation, 11.62 feet. No. 2 is top of cross chiseled in concrete at outside junction of south abutment and wingwall, downstream end, elevation, 11.96 feet. Elevation of reference point, 10.90 feet.

GAGE:—Porcelain staff gage 0-6.7 feet, fastened to upstream end of first pier from south end of bridge.

RECORDER:—Stevens Type A-35 continuous recorder in galvanized iron shelter installed April 2, 1940. Well is attached to downstream end of first pier from south end of bridge. Sea level elevation of zero of gage is 3048.84 feet.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—August 10, 1939, to September 30, 1944.

HIGHEST GAGE READING:—5.97, February 12, water year 1943.
4.36, May 16, water year 1944.

LOWEST GAGE READING:—0.53, September 21, water year 1943.
0.55, October 2, water year 1944.

SOUTH PLATTE RIVER AT NORTH PLATTE

LOCATION:—On concrete highway bridge, consisting of ten 50-foot spans, in Section 9, Township 13 North, Range 30 West, $\frac{3}{4}$ mile south of North Platte, Nebraska. Established June 1, 1914.

ELEVATION:—Approximately 2,798 feet above mean sea level.

DRAINAGE AREA:—24,300 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in a 4-foot concrete post on the south bank, 35 feet back of the bank and 15 feet downstream from the gage, elevation, 13.65 feet. Adjustable reference point set in floor of shelter, elevation, 16.90 feet. The sea level elevation of zero is 2796.22 feet.

GAGE:—Weather Bureau staff gages 0 to 16 feet were installed in October, 1934, and are at two feet higher datum than that used at present for reference point in recorder shelter and staff gage on outside of stilling well.

RECORDER:—Stevens Type A-30 continuous recorder installed in a galvanized metal sheathed wooden shelter mounted over a corrugated galvanized metal well attached to the downstream end of the fifth pier from the south end of the bridge. Installed on December 8, 1936.

OBSERVER:—Water commissioner during the irrigation season.

RECORDS AVAILABLE:—June 1, 1914, to September 30, 1944.

HIGHEST GAGE READING:—5.90, March 19, water year 1943.
3.39, May 17, water year 1944.

LOWEST GAGE READING:—0.95, August 23, water year 1943.
0.93, September 4, water year 1944.

PLATTE RIVER AT BRADY

LOCATION:—In Sections 11 and 23, Township 12 North, Range 27 West, $\frac{1}{4}$ mile south of Brady Island. Established November 18, 1938. There are two major and two minor channels within a distance of three miles. The two major channels, known as 1 (north) and 4 (south), have recorders. Channels 2 and 3 have staff gages.

ELEVATION:—Approximately 2,640 feet above mean sea level.

DISTANCE FROM PATHFINDER:—444 miles.

PLATTE RIVER AT BRADY—CONCLUDED

BENCH MARKS:—Channel No. 1. No. 1 is a bronze tablet set in top of downstream bridge abutment, elevation, 12.29 feet.

Channels No. 2 and 3 bench marks were destroyed.

Channel No. 4. Bench Mark No. 1 is a bronze tablet set in top of downstream wingwall, marked "U.S.G.S. 30 M 1935", elevation, 9.83.

GAGES:—Channel No. 2. Staff gage 0-3.3 feet, located at highway bridge on downstream end of first pier from south bank.

Channel No. 3. Staff gage 0-3.3 feet, located at highway bridge on downstream end of first pier from south bank.

RECORDERS:—Channel No. 1. Stevens Type A-35 recorder in a timber shelter over a corrugated iron well, located 50 feet below bridge on the north bank of Channel No. 1. Adjustable reference point on the recorder shelf, elevation, 12.83 feet.

Channel No. 4. Stevens Type A-30 continuous recorder in iron shelter on top of corrugated iron well. The shelter is located on the downstream end of the first pier from the south bank of Channel No. 4. The elevation of the adjustable reference point on the edge of the recorder shelf is 12.27 feet. Staff gage 0-3.3 feet is attached to the same pier.

OBSERVER:—Water Commissioner during irrigation season.

RECORDS AVAILABLE:—Measurements in 1931, 1932, and 1934. Discharge records from April 20 to September 30, 1937; May to September 30, 1938; October 1, 1938, to September 30, 1944.

HIGHEST GAGE READING:—

Channel No. 1.	3.95, June 16, water year 1943.
	3.90, May 16, water year 1944.
Channel No. 4	1.92, June 14, water year 1943.
	1.76, April 23, water year 1944.

LOWEST GAGE READING:—

Channel No. 1	1.57, June 26, water year 1943.
	1.83, October 2, water year 1944.
Channel No. 4	0.23, July 30, water year 1943.
	0.32, August 5, water year 1944.

PLATTE RIVER AT COZAD

LOCATION:—On highway bridge in Section 18, Township 10 North, Range 23 West, 1½ miles south of Cozad. Established October 1, 1939. The river flows in two channels about ¼ mile apart.

ELEVATION:—Approximately 2,470 feet above mean sea level.

DISTANCE FROM PATHFINDER:—470 miles.

BENCH MARKS:—North Channel. Chiseled cross on northeast corner of south abutment, elevation, 9.03 feet. Adjustable reference point attached to edge of recorder shelf, elevation, 11.55 feet.

South Channel. Chiseled cross on downstream end of south abutment, elevation, 9.68 feet. Adjustable reference point attached to edge of recorder shelf, elevation, 10.43 feet.

GAGES:—North Channel. Outside gage is 0-3.33 foot enameled staff attached to piling in south bank of channel 25 feet below bridge.

South Channel. Outside gage is 0-6.66 foot enameled staff gage attached to downstream end of first concrete pier from south end of bridge.

RECORDERS:—North Channel. Stevens Type A-27 continuous recorder in a wooden shelter supported by a 24-inch corrugated iron stilling well. Well is attached to downstream end of first pier from south bank of a 6-span highway bridge with concrete abutments and piers. Installed March 17, 1939.

South Channel. Stevens Type A-35 continuous recorder in shelter similar to the one on North Channel attached to downstream side of sixth pier from south abutment. This installation was moved from the first pier November 3, 1942. Installed May 4, 1940.

OBSERVER:—Water commissioner during the irrigation season.

RECORDS AVAILABLE:—From July 1, to September 30, 1932; partial record from October 8, 1936, to September 30, 1937; May 1, to September 30, 1938; March 18, 1939, to September 30, 1944.

HIGHEST GAGE READING:—

North Channel.	3.53, June 16, water year 1943.
	3.17, May 16, water year 1944.
South Channel.	♦ 3.15, June 28, water year 1943.
	1.95, May 12, water year 1944.

LOWEST GAGE READING:—

North Channel.	0.76, June 26, water year 1943.
	0.87, September 19, water year 1944.
South Channel.	0.61, September 26, water year 1943.
	0.50, July 2, water year 1944.

PLATTE RIVER AT OVERTON

LOCATION:—Concrete highway bridge consisting of twenty-five 35.5-foot spans center to center, on north and south center line through Section 12, Township 8 North, Range 20 West, 4 miles south of Overton. Established June, 1918.

ELEVATION:—Approximately 2,320 feet above mean sea level.

DISTANCE FROM PATHFINDER:—490 miles.

DRAINAGE AREA:—58,400 square miles.

PLATTE RIVER AT OVERTON—CONCLUDED

BENCH MARKS:—No. 1 is the top of concrete guardrail on upstream side at north end of bridge, elevation 14.28 feet. No. 2 is the top of concrete guardrail on downstream side of south end of bridge, elevation, 14.28 feet. No. 3 is a cross on curb on upstream side at north end of bridge, elevation 12.06 feet. No. 4 is two 60d spikes driven horizontally in base of a 6-inch cottonwood tree, 10 feet south and 5 feet east from shelter, elevation, 6.42 feet. Reference point is the slot in screw head in face of recorder shelf, elevation, 10.33 feet.

GAGE:—Enamel scale gage, calibrated from 0 to 6.7 feet, attached to downstream end on first pier from south end of bridge.

RECORDER:—Stevens Type A-27 continuous recorder on south bank of stream, 40 feet downstream from bridge.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—June 1918, to September 30, 1944, with the exception of the year 1924.

HIGHEST GAGE READING:—4.74, March 7, water year 1943.

5.00, December 31, water year 1944.

LOWEST GAGE READING:—1.99, September 2, water year 1943.

2.00, July 29, water year 1944.

PLATTE RIVER AT ODESSA

LOCATION:—Concrete highway bridge in Section 16, Township 8 North, Range 17 West, 2½ miles south of Odessa. Established December 30, 1936.

ELEVATION:—Approximately 2,210 feet above mean sea level.

DISTANCE FROM PATHFINDER:—505 miles.

BENCH MARKS:—No. 1 is a cross cut in top of south abutment wingwall near downstream end, elevation, 10.90 feet.

GAGE:—Chain gage attached to bridge rail nearby.

RECORDER:—Stevens Type A-30 continuous recorder installed October 7, 1938, in small wooden shelter on 18-inch galvanized iron well attached to downstream end of first pier from south end of bridge. The well and datum were lowered one foot on October 22, 1942. Elevation of adjustable reference point is 12.98 feet, after the datum was lowered.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—March 1, 1937, to September 30, 1944.

HIGHEST GAGE READING:—4.45, March 19, water year 1943.

3.65, April 24, water year 1944.

LOWEST GAGE READING:—1.03, September 3, water year 1943.

1.59, August 6, water year 1944.

PLATTE RIVER AT GRAND ISLAND

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

ELEVATION:—About 1,840 feet above mean sea level.

DISTANCE FROM PATHFINDER:—560 miles.

DRAINAGE AREA:—59,500 square miles.

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

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

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

OBSERVER:—None.

RECORDS AVAILABLE:—May 25, 1933, to September 30, 1944.

HIGHEST GAGE READING:—4.86, February 9, water year 1943.
4.23, March 11, water year 1944.

LOWEST GAGE READING:—Dry, water year 1943.
Dry, water year 1944.

PLATTE RIVER AT DUNCAN

LOCATION:—Concrete highway bridge consisting of eighteen 50-foot spans, in Section 12, Township 16 North, Range 2 West, 1½ miles south of Duncan. Established October 25, 1928. Maintained by the United States Geological Survey.

ELEVATION:—Approximately 1,479 feet above mean sea level.

DISTANCE FROM PATHFINDER:—632 miles.

DRAINAGE AREA:—61,600 square miles.

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

GAGE:—Enamel scale calibrated from 0 to 10 feet, fastened to a 4x6 timber bolted to downstream end of first concrete pier from north end. Elevation of zero of gage is 1,478.80 feet above sea level.

PLATTE RIVER AT DUNCAN—CONCLUDED

RECORDER:—Stevens A-30 recorder in a standard timber shelter. Installed September 20, 1934.

OBSERVER:—Arthur J. Lindley, caretaker.

RECORDS AVAILABLE:—From October, 1928, to September 30, 1944.

HIGHEST GAGE READING:—4.17, February 7, water year 1943.
3.71, April 27, water year 1944.

LOWEST GAGE READING:—Dry, water year 1943.
Dry, water year 1944.

PLATTE RIVER AT ASHLAND

LOCATION:—In Section 29, Township 13 North, Range 10 East, at north end of site of old highway bridge across river from the United States Rifle Range, 3 miles northeast of Ashland. Established October 1, 1939. Station replaces the one at the south of old bridge used from December 11, 1938, to December 30, 1939, and August 28, 1928, to September 28, 1933. It also replaces station on south bank 950 feet upstream, used from September 29, 1933, to December 10, 1938. Maintained by the United States Geological Survey.

ELEVATION:—Approximately 1,020 feet above mean sea level.

DISTANCE FROM PATHFINDER:—719 miles.

DRAINAGE AREA:—83,800 square miles.

BENCH MARKS:—No. 2 is a bronze tablet set in top of concrete pedestal at base of flag pole at Rifle Range, elevation, 10.43 feet. This is a University of Nebraska bench mark. No. 3 is top of downstream bolt set in concrete block, 4 feet deep, located 60 feet directly in front of pier on south bank, elevation 12.30 feet. No. 4 is a spike in stream side of a maple tree along fence 56 feet downstream from catwalk anchorage, elevation, 7.16 feet. Adjustable reference point is in edge of recorder shelf, elevation, 16.25 feet.

GAGE:—Staff gage attached to downstream side of pier. Zero of gage elevation 1054.79 feet above mean sea level. (Datum of 1929).

RECORDER:—Stevens Type A-30 recorder in corrugated iron shelter of standard design and well 24 inches in diameter fastened to stream side of upstream one of two cylindrical piers about 50 feet from north bank.

RECORDS AVAILABLE:—August, 1928, to September 30, 1944.

HIGHEST GAGE READING:—6.17, February 7, water year 1943.
7.75, June 12, water year 1944.

LOWEST GAGE READING:—Dry, water year 1943.
Dry, water year 1944.

ARIKAREE RIVER NEAR HAIGLER

LOCATION:—In Section 28, Township 1 North, Range 41 West. Established March 3, 1932. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—1,600 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in concrete post $4\frac{1}{2}$ feet deep located 43 feet south from south bank and 53 feet upstream from east end of railroad bridge, elevation, 13.02 feet. No. 2 is a standard bronze tablet set in $3\frac{1}{2}$ -inch concrete-filled pipe, 6 feet long, located 9 feet downstream and 14 feet in front of downstream edge of shelter, elevation, 9.70 feet. Adjustable reference point in edge of recorder shelf, elevation, 12.61 feet. Datum of gage 3,242.36 feet above mean sea level. (Datum of 1929)

GAGE:—Cantilever chain gage (0-10.1) located 18 feet downstream from shelter. Chain length, 19.26 feet.

RECORDER:—Stevens Type A-35 recorder installed in standard timber shelter November 21, 1938. Shelter is located on south bank 120 feet downstream from railroad bridge.

RECORDS AVAILABLE:—March, 1932, to September 30, 1944.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD

LOCATION:—Southwest corner of Section 4, Township 20 North, Range 52 West. Established January 29, 1932.

BENCH MARKS:—No. 1 is a cross in top of concrete wingwall directly above gage, elevation, 5.48 feet. No. 2 is a standard bronze tablet in concrete post set 7 feet in ground, 40 feet to the west and 10 feet upstream from shelter, elevation, 6.02 feet. Adjustable reference point is in edge of recorder shelf, elevation, 8.55 feet.

GAGE:—Outside gage consists of 0-3.3 foot enamel scale fastened to 2"x6" timber drum in creek bank near shelter.

RECORDER:—Stevens Type A-35 recorder installed in small timber shelter January 7, 1939.

OBSERVER:—Water commissioner during the irrigation season.

RECORDS AVAILABLE:—October, 1931, to September 30, 1944.

BEAVER CREEK NEAR BEAVER CITY

LOCATION:—In Section 23, Township 2 North, Range 23 West, at bridge on Highway No. 21, $3\frac{1}{2}$ miles west of Beaver City. Established May 18, 1937. Maintained by the United States Geological Survey under a co-operative agreement.

BEAVER CREEK NEAR BEAVER CITY—CONCLUDED

DRAINAGE AREA:—1,940 square miles.

BENCH MARKS:—No. 1 is a cross chiseled on north downstream bridge seat, elevation, 12.24 feet. No. 2 is a spike in stream side of telephone pole on south downstream bank, elevation, 11.42 feet. Datum of gage 2164.96 feet above mean sea level, datum of 1929.

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

OBSERVATIONS:—Made twice daily by Wesley Stubbs.

RECORDS AVAILABLE:—From May 1, 1937, to September 30, 1944.

BEAVER CREEK AT GENOA

LOCATION:—In Section 14, Township 17 North, Range 4 West, at State Highway bridge on Highway No. 22, 1 mile southwest of Genoa and three miles above the confluence with the Loup River. Established October 8, 1940. Maintained by United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a standard bronze marker set in a concrete filled galvanized iron pipe located on right bank 18.8 feet downstream and in line with the right bridge abutment, elevation, 12.42 feet. No. 2 is top of two spikes driven horizontally in downstream side of an 8-inch double tree located 30 feet south of right abutment, elevation, 14.50 feet.

RECORDER:—Stevens A-30 recorder in timber shelter over corrugated metal pipe well on downstream end of bridge pier.

GAGE:—Chain gage mounted on timber clamped to steel bridge truss; chain length, 25.28 feet.

OBSERVER:—Gage read morning and evening by an employee of the Loup River Public Power District.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944.

BIRDWOOD CREEK NEAR HERSHEY

LOCATION:—On the north line of Section 2, Township 14 North, Range 33 West.

DRAINAGE AREA:—286 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet in 4-foot concrete post located 9 feet downstream and 3 feet to the east of the recorder shelter, elevation 8.78 feet. Adjustable reference point in 2x4 block nailed to recorder shelf, elevation, 12.18 feet.

GAGE:—Vertical staff, scale 0-6.7 feet, located at downstream end of west abutment.

RECORDER:—Stevens Type E recorder in small timber shelter at east bank, 14 feet back of east abutment and 9 feet downstream from bridge. Installed December 17, 1934.

OBSERVER:—Mrs. Mabel H. Welsh, caretaker.

RECORDS AVAILABLE:—January, 1922, to September 30, 1944.

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 the top of a $\frac{3}{8}$ -inch bolt driven horizontally in 18-inch cottonwood located 12 feet upstream from east end of bridge and 8 feet back from east bank, elevation, 4.60 feet. No. 2 is a bronze tablet set in concrete, 60 feet east of shelter, elevation, 4.31 feet. No. 3 is the top of a 20d spike driven horizontally in 10-inch blaze on south side of tree 4 feet above ground, same tree as B. M. No. 1, elevation, 8.50 feet. Adjustable reference point on recorder shelf, elevation, 7.43 feet.

GAGE:—Cantilever chain gage replaced May 2, 1944, by 3.33 feet porcelain staff fastened to 4x6-inch timber driven in bank in line with north side of recorder shelter.

RECORDER:—Stevens Type E recorder in small timber shelter installed June, 1934. Shelter located at east bank 60 feet below bridge.

OBSERVER:—Water commissioner from May 1, to September 30; William Rohlfing, caretaker, October 1, to April 30.

RECORDS AVAILABLE:—January, 1921, to September 30, 1944.

BLUE RIVER, BIG, AT BARNSTON

LOCATION:—In Section 13, Township 1 North, Range 7 East. Established April 7, 1931, daily observations began May 14, 1932. Maintained by the United States Geological Survey, under a co-operative agreement.

DRAINAGE AREA:—4,350 square miles.

BENCH MARKS:—Reference point No. 1 is top edge of pipe well, elevation, 39.97 feet gage datum. Reference point No. 2 is chiseled cross on upstream end of second channel bracket, elevation, 8.28 feet gage datum. Reference mark No. 4 is center of chiseled square on downstream edge of concrete ledge to left of recorder well, elevation 6.42 feet gage datum. Reference mark No. 5 is square chiseled in concrete, 1 foot upstream from outside staff gage, elevation, 5.96 feet gage datum.

BLUE RIVER, BIG, AT BARNSTON—CONCLUDED

GAGE:—Chain gage fastened to downstream truss of highway bridge just below the shelter, chain length, 39.84 feet. Zero of inside float-tape gage is 25.0.

RECORDER:—Stevens Type A-30 installed in corrugated metal well in tailrace of Power Plant.

OBSERVER:—Chester R. Goin, caretaker.

RECORDS AVAILABLE:—May, 1932, to September 30, 1944.

BLUE RIVER, LITTLE, AT ENDICOTT

LOCATION:—In Section 6, Township 1 North, Range 3 East. Established April 26, 1929, by the United States Geological Survey. Maintained by the United States Geological Survey under a co-operative agreement.

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 a bronze tablet set in concrete post 20 feet in front and 5 feet downstream from shelter, elevation, 10.54 feet. Reference point for which is slot in screw in recorder shelf, elevation, 18.57 feet.

GAGE:—Chain gage fastened to downstream guardrail of highway bridge, chain length, 16.21 feet.

RECORDER:—Stevens Type A-35 recorder in standard wooden shelter installed July 18, 1935.

OBSERVER:—Stanley Kasperek, caretaker.

RECORDS AVAILABLE:—April, 1929, to September 30, 1944.

BUFFALO CREEK NEAR HAIGLER

LOCATION:—In NW $\frac{1}{4}$ Section 20, Township 1 North, Range 40 West, four miles northeast of Haigler. Established October 13, 1940. Maintained by the United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is an iron pin in end piling of the southeast wing of bridge 50 feet upstream from shelter, elevation, 5.54 feet.

GAGE:—Outside staff gage fastened to bridge abutment. Datum of gage is 3204.57 feet above mean sea level, datum of 1929.

RECORDER:—Stevens A-35 recorder furnished by the United States Bureau of Reclamation in small box shelter on 36-inch galvanized iron still well. Adjustable reference point in shelter, elevation, 9.63 feet.

RECORDS AVAILABLE:—October 13, 1940, to September 30, 1944.

CALAMUS RIVER NEAR BURWELL

LOCATION:—On east line of Section 8, Township 21 North, Range 16 West, at county bridge 3 miles northwest of Burwell, 1½ miles above the confluence with the North Loup River. Maintained by the United States Geological Survey under a co-operative agreement. Established September 27, 1940.

DRAINAGE AREA:—1,100 square miles.

BENCH MARKS:—No. 1 is a standard bronze marker set in a three-inch pipe located on the left bank 28 feet downstream, elevation, 7.06 feet.

GAGE:—Enamel staff gage, calibrated from 0 to 6.7 feet, mounted on a timber fastened to downstream pile of left pier.

OBSERVER:—Wayne Frannsen, reads the gage morning and evening each day.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944.

CEDAR RIVER AT FULLERTON

LOCATION:—On the south line of Section 33, Township 17 North, Range 6 West, at bridge on State Highway No. 52 four miles northwest of Fullerton. Established October 3, 1940. Maintained by the United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a standard bronze marker in 3½-inch iron pipe filled with concrete, located on the left bank 6 feet downstream from bridge wingwall, elevation, 8.15 feet. No. 2 is the top of two spikes driven into 24-inch cottonwood tree located 10 feet downstream from left bridge abutment, elevation, 7.37 feet.

GAGE:—An enamel scale, calibrated from 0 to 10.1 feet, mounted vertically on plank fastened to downstream end of left pier.

RECORDER:—Stevens Type-A recorder in timber shelter over corrugated metal pipe well on downstream side of bridge pier.

OBSERVER:—Mrs. Blanch D. Finch, Fullerton, reads the gage morning and evening each day.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944.

ELKHORN RIVER AT NELIGH

LOCATION:—In Section 20, Township 25 North, Range 6 West. Established March 5, 1931, by Nebraska. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—1,740 square miles.

ELKHORN RIVER AT NELIGH—CONCLUDED

BENCH MARKS:—No. 3 is a standard bronze tablet in top of concrete post on the west bank 33 feet downstream from bridge and 11 feet from concrete retaining wall, elevation, 16.68 feet. No. 4 is two spikes driven in tree on the east bank 45 feet downstream from shelter and facing stream, elevation, 8.75 feet. Adjustable reference point in edge of recorder shelf, elevation, 13.69 feet.

GAGE:—Chain gage fastened on 2x6 bolted to bridge handrail, chain length, 23.38 feet.

RECORDER:—Friez-Au continuous recorder in standard timber shelter installed January 24, 1939, located 10 feet downstream from chain gage used previously.

OBSERVER:—Louie Nelson, caretaker.

RECORDS AVAILABLE:—March, 1931, to September 30, 1944.

ELKHORN RIVER AT WATERLOO

LOCATION:—In Section 21, Township 16 North, Range 10 East, $3\frac{1}{2}$ miles north of Waterloo. Can be reached by driving $\frac{3}{4}$ mile west of Waterloo on Highway No. 275, then 2 miles north on county road to Todd's Lake, then $\frac{3}{4}$ mile east to Elkhorn River. Established in Section 10, Township 15, Range 10 East, August 18, 1928, and moved to present location July 2, 1940. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—1,110.1 feet above mean sea level.

DRAINAGE AREA:—6,390 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in 4.5-foot concrete post 15 feet in front of shelter and 12 feet downstream, elevation, 13.22 feet. No. 2 is a $\frac{1}{2}$ x6-inch bolt set 2 feet above ground in the downstream side of 48-inch forked elm tree, 65 feet in front of shelter, elevation, 15.74 feet. Adjustable reference point in edge of recorder shelf, elevation, 15.40 feet.

RECORDER:—Stevens Type A-35 in standard timber shelter, 100 feet downstream from highway bridge.

RECORDS AVAILABLE:—March, 1931, to September 30, 1944.

FRENCHMAN RIVER BELOW CHAMPION

LOCATION:—In SW $\frac{1}{4}$ of Section 22, Township 6 North, Range 39 West. Established March 2, 1935. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—1,020 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in con-

crete post in line with cantilever posts and 18 feet back of front post, elevation 6.68 feet. Adjustable reference point set in edge of recorder shelf, elevation, 7.62 feet.

GAGE:—Cantilever chain gage 4 feet downstream from gage house, chain length, 15.82 feet.

RECORDER:—Stevens Type E recorder was replaced with Stevens Type A-30 recorder on July 15, 1940.

RECORDS AVAILABLE:— March 2, 1935, to September 30, 1944.

FRENCHMAN RIVER NEAR HARVEY DAM SITE

LOCATION:—In Section 3, Township 5 North, Range 38 West. From Imperial, drive 1 mile east and 6 miles south across the Frenchman River, then turn left into the first road, thence by ranch building and east a distance of $\frac{1}{4}$ mile to the recorder shelter on right bank. Established November 12, 1940. Maintained by United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a standard bronze marker in a 4-inch iron pipe set in the ground, 14 feet downstream from shelter, elevation, 8.39 feet.

GAGE:—Outside cantilever gage, calibrated from 0 to 6.74 feet, chain length, 18.07 feet.

RECORDER:—Stevens A-35 recorder furnished by the United States Bureau of Reclamation. The recorder is housed in a 36-inch galvanized metal combination shelter and stilling well. Recorder installed March 6, 1941.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944. This station was established first November 12, 1940, staff gage $\frac{1}{4}$ mile upstream from present location. Discharge estimated from October 1, to November 12, 1940.

FRENCHMAN RIVER NEAR HAMLET

LOCATION:—In Section 30, Township 5 North, Range 34 West. This station was washed out on June 8, 1940, and a new installation was made on July 16, 1940, in Section 29, Township 5 North, Range 34 West. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—Zero of gage is 2,796.77 feet above mean sea level. (Biloxi datum).

DRAINAGE AREA:—1,420 square miles.

BENCH MARKS:—No. 1 is top of 10-inch bolt set in 5-foot concrete post located 16 feet back of shelter and in line with the upstream

FRENCHMAN RIVER NEAR HAMLET—CONCLUDED

edge of shelter, elevation, 9.87 feet. Adjustable reference point on edge of recorder shelf, elevation, 12.07 feet.

GAGE:—Consists of staff, scale 0-6.7 feet, fastened to downstream side of south bridge abutment.

RECORDER:—A Stevens Type A-30 recorder in standard timber shelter over 36-inch corrugated iron stilling well.

RECORDS AVAILABLE:—April, 1929, to September 30, 1944.

FRENCHMAN RIVER AT CULBERTSON

LOCATION:—In Section 17, Township 3 North, Range 31 West. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—2,561.93 feet above mean sea level.

DRAINAGE AREA:—2,800 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in concrete post 5½ feet deep, located 65 feet from south bank and 22 feet downstream from gage, elevation, 6.29 feet.

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

OBSERVATIONS:—Made twice daily by B. D. Mallory.

RECORDS AVAILABLE:—January, 1922, to September 30, 1944. Daily discharge records began March 11, 1931.

GERING DRAIN NEAR GERING

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

BENCH MARKS:—No. 1, destroyed. No. 2 is the heads of two spikes driven horizontally in pile cap at east abutment near downstream end, elevation, 10.50 feet. No. 3 is a standard tablet in concrete post 72 feet from east end and 2 feet upstream from upstream handrail, elevation, 10.18 feet.

GAGE:—Chain gage on downstream handrail of pile-bent bridge at station 34.5. Box and 0-10.1 foot scale fastened to wooden handrail, chain length, 17.07 feet.

OBSERVATIONS:—Made twice daily by John Funk.

RECORDS AVAILABLE:—January, 1923, to September 30, 1944.

HORSE CREEK NEAR LYMAN

LOCATION:—In the NE¼ of Section 25, Township 23 North, Range 58 West, ¾ miles northeast of Lyman. Established November 23, 1938, to replace staff gage station ½ mile upstream used previously.

DRAINAGE AREA:—1,860 square miles.

BENCH MARKS:—No. 1 is standard bronze tablet in top of concrete post extending 7 feet in ground, located 60 feet east of shelter and 10 feet upstream, elevation, 7.22 feet. No. 2 is heads of two spikes driven horizontally into 8-inch cottonwood tree located on east bank 85 feet upstream from shelter and about 10 feet back from bank, elevation, 8.33 feet. Adjustable reference point set in edge of recorder shelf, elevation, 9.84 feet.

GAGE:—Staff, scale 0-6.7 feet, fastened to two steel posts driven in east bank just below shelter.

RECORDER:—Stevens Type A-35 recorder, in small timber shelter, located on east bank 200 feet above county road bridge, installed by the United States Geological Survey November 23, 1938.

OBSERVER:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—January, 1921, to September 30, 1944.

LOGGEPOLLE CREEK AT BUSHNELL

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

DRAINAGE AREA:—1,090 square miles.

BENCH MARKS:—No. 1 is a cross cut in top of north upstream wingwall, elevation, 3.79 feet. No. 2 is a standard bronze tablet set in top of concrete post located 58 feet back of shelter and 4 feet downstream on south bank, elevation, 5.74 feet. Adjustable reference point set in edge of recorder shelf, elevation, 8.38 feet.

GAGE:—Vertical staff, consisting of a 0-3.3 foot enamel scale, fastened to south wall of concrete flume, 3 feet from upstream end. Same gage used previously.

RECORDER:—Stevens Type E recorder installed on March 26, 1938, in a small wooden shelter on the south bank, 6 feet back of staff gage.

RECORDS AVAILABLE:—January, 1924, to September 30, 1944. Daily discharge record began June 3, 1932.

LOGAN CREEK AT UEHLING

LOCATION:—On south line of Section 9, Township 20 North, Range 8 East, at county road bridge, 2 miles southwest of Uehling, on Highway No. 77. Established October 4, 1940. Maintained by the United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a standard bronze marker set in a concrete filled pipe in line with downstream bridge railing, elevation, 16.70 feet.

GAGE:—Chain gage mounted on members of downstream steel bridge truss, chain length 25.00 feet.

OBSERVER:—Floyd A. Bowman reads the gage morning and evening each day.

RECORDS AVAILABLE:—March 10, 1941, to September 30, 1944.

LOUP RIVER NEAR GENOA

LOCATION:—In Section 25, Township 17 North, Range 4 West, on bridge on State Highway 39, 2 miles south of Genoa. This station is located approximately $1\frac{1}{2}$ miles upstream from the mouth of Beaver Creek and about 3 miles downstream from the Loup River Public Power District's diversion. The records at this station represent the flow of the Loup River passing the Loup River Public Power District's diversion.

ESTABLISHED:—September 29, 1943.

DRAINAGE AREA:—Not determined.

BENCH MARKS:—None established.

GAGE:—Stevens Type A-35 recorder in timber shelter over 30-inch dredge pipe. Recorder is referenced to inside tape gage. Outside gage is staff gage composed of standard enameled gage plates fastened to well. A type-A weight gage is also used.

RECORDS AVAILABLE:—October 1, 1943, to September 30, 1944.

LOUP RIVER AT COLUMBUS

LOCATION:—West line of Section 30, Township 17 North, Range 1 East, at highway bridge at Columbus, $3\frac{1}{2}$ miles upstream from mouth of river. Established May 20, 1936, to replace station maintained 300 feet downstream. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—14,200 square miles.

BENCH MARKS:—No. 5 is a standard bronze tablet in concrete post 100 yards downstream from bridge, 8 feet from east bank, elevation, 6.05 feet. Gage datum 1,432.39 feet above mean sea level, unadjusted.

GAGE:—Wire-weight gage attached to downstream truss of 9-span bridge. Elevation of reference bar, 24.23 feet. Gage installed November 8, 1938, to replace chain gage previously used.

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

RECORDS AVAILABLE:—From January 1, 1895, to September 30, 1915, and from March 9, 1931, to September 30, 1944.

LOUP RIVER. MIDDLE. AT WALWORTH

LOCATION:—In Section 1, Township 19 North, Range 20 West, at county bridge about $\frac{1}{4}$ mile northeast of Walworth. Established by

Nebraska September 30, 1940. Maintained by United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a standard bronze marker set in concrete-filled iron pipe 24 feet downstream from bridge, elevation, 7.87 feet.

GAGE:—Staff gage, enamel scale, calibrated from 0 to 6.7 feet, mounted on plank fastened to concrete-filled steel caisson at downstream end of left abutment.

RECORDER:—Stevens Type A recorder in standard timber shelter over 36-inch concrete pipe stilling well.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1942. October 1, to September 30, 1944. Records are practically equivalent to records for station at Sargent, from December, 1936, to December, 1938.

LOUP RIVER. MIDDLE. AT ARCADIA

LOCATION:—In Section 26, Township 17 North, Range 16 West, at the southwest limits of Arcadia. Established July 3, 1937. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—3,910 square miles.

BENCH MARKS:—No. 1 is the bottom edge of lowest nail driven horizontally into an 18-inch willow 7 feet above the ground surface, 160 feet downstream from gage, elevation, 10.85 feet. No. 2 is a standard bronze tablet set in concrete post 4.5 feet deep on line with front of shelter and 30 feet downstream, elevation 5.16 feet. Adjustable reference point, elevation, 11.00 feet. Gage datum raised 1.23 feet above that of chain gage on bridge when recorder was installed.

GAGE:—Chain gage on bridge, length, 13.95 feet.

RECORDER:—A Stevens Type A-30 recorder in standard timber shelter on east bank below highway bridge installed April 23, 1938.

RECORDS AVAILABLE:—July 1, 1937, to September 30, 1944.

LOUP RIVER. MIDDLE. AT ST. PAUL

LOCATION:—In Section 10, Township 14 North, Range 10 West. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—1,778.41 feet above mean sea level.

DRAINAGE AREA:—7,320 square miles.

LOUP RIVER, MIDDLE, AT ST. PAUL—CONCLUDED

BENCH MARKS:—No. 1 is a cross in outer corner of bed plate on downstream side of north abutment of highway bridge, elevation, 13.23 feet. No. 2 is a standard bronze plug in top of pipe, located 15 feet northeast of south downstream wingwall, elevation, 7.41 feet. No. 3 is a standard bronze tablet set in top of concrete post located 48 feet in front of shelter and in line with upstream side, elevation, 7.45 feet. Zero of gage is 1,778.41 feet above mean sea level.

GAGE:—Cantilever chain gage located 6 feet downstream from shelter, chain length is 12.78 feet.

RECORDER:—A Stevens Type A-30 recorder in standard timber shelter on north bank 300 yards above highway bridge at St. Paul. Installed June 14, 1934, by the United States Geological Survey.

RECORDS AVAILABLE:—May, 1895, to October, 1897; April to October, 1899; April to November, 1903; August, 1928, to September 30, 1944.

LOUP RIVER, NORTH, AT TAYLOR

LOCATION:—In Section 22, Township 21 North, Range 18 West. Maintained by Nebraska, North Loup River Public Power and Irrigation District, and the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—1,750 square miles.

BENCH MARKS:—No. 1 is a bronze tablet set in top of 3-inch pipe, located 280 feet in front of shelter and 180 feet downstream, elevation, 9.57 feet. No. 2 is a cross chiseled in concrete and encircled with red paint on the top of south downstream wingwall of bridge, elevation, 10.85 feet. Adjustable reference point set in edge of recorder shelf, elevation, 12.30 feet.

GAGE:—Outside gage is a cantilever chain gage near shelter, chain length is 15.80 feet. Datum is same as that of chain gage on bridge previously used.

RECORDER:—Stevens Type A-35 recorder installed in a standard timber shelter, located on the south bank 450 feet above bridge, by the United States Geological Survey on September 28, 1938.

RECORDS AVAILABLE:—From November 26, 1936, to September 30, 1944.

LOUP RIVER, NORTH, AT SCOTIA

LOCATION:—In Section 8, Township 17 North, Range 12 West. Established November 25, 1936. Maintained by Nebraska, North Loup

River Public Power and Irrigation District, and the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—3,710 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in concrete post located on west bank 16 feet along track from end of railroad trestle and then 58 feet downstream at right angles, elevation, 6.72 feet. No. 2 is the heads of two 16d nails driven horizontally into the base of downstream piling of right end bent of trestle, elevation, 8.89 feet. No. 3 is a bronze tablet set in top of 3-inch pipe located 36 feet in front of shelter and 4 feet upstream, elevation, 8.24 feet. Adjustable reference point set in edge of recorder shelf, elevation, 10.92 feet.

GAGE:—Outside is chain gage, 21.67 feet long, on railroad trestle. Datum of gage, 1893.33 feet above mean sea level, datum of 1929 (tentative).

RECORDER:—A Stevens Type A-35 recorder installed in standard timber shelter located 30 feet downstream from west end of railroad trestle, by the United States Geological Survey on September 28, 1938.

RECORDS AVAILABLE:—From November 25, 1936, to September 30, 1944.

LOUP RIVER, NORTH. NEAR ST. PAUL

LOCATION:—In Section 22, Township 15 North, Range 10 West. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—4,040 square miles.

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

GAGE:—Chain gage on bridge, length, 15.05 feet. Reference point in edge of recorder shelf. Elevation, 12.08 feet.

RECORDER:—A Stevens Type A-30 recorder in standard wooden shelter installed by the United States Geological Survey March 20, 1934.

OBSERVATIONS:—Carl E. Schobring, caretaker.

RECORDS AVAILABLE:—May, 1895, to October, 1897; April to October, 1899; April to December, 1903; August, 1928, to September 30, 1944.

LOUP RIVER, SOUTH, NEAR ST. MICHAEL

LOCATION:—In NW¼ of Section 12, Township 11 North, Range 13 West, 10 miles downstream from Mud Creek, 5 miles above Sweet Creek at highway bridge 0.8 mile northeast of St. Michael, Buffalo County. Established August 6, 1943.

DRAINAGE AREA:—Not determined.

BENCH MARKS:—No. 1 is standard bronze tablet set in concrete, 47 feet due south of gage.

GAGE:—Stevens A-35 recorder in timber shelter over concrete pipe well. Reference point on edge of recorder shelf, elevation, 14.60 feet. Outside elevations determined by measuring from reference point, an X marked with red painted arrow under the first vertical number from right end of bridge, elevation 12.42 feet.

RECORDS AVAILABLE:—August, 1943, to September, 1944.

LOUP RIVER, SOUTH, NEAR RAVENNA

LOCATION:—On east line of Section 17, Township 12 North, Range 14 West, at county road bridge ¾ mile south of Ravenna. Maintained by United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a standard bronze marker set in a concrete-filled iron pipe located on left bank in line with the first pier, from left end of bridge and 32 feet upstream from the farthest upstream piling in the pier, elevation, 5.64 feet.

GAGE:—Wire and weight located on the downstream side of third span from the left bank.

OBSERVER:—D. L. Britton, Ravenna, reads the gage morning and evening each day.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944.

MEDICINE CREEK NEAR CAMBRIDGE

LOCATION:—In Section 29, Township 4 North, Range 25 West, at bridge on Highway No. 2, ½ mile east of Cambridge. Prior to August 23, 1944, in Section 18, Township 4 North, Range 25 West, 2 miles northwest of Cambridge. Datum of original gage 2561.35 feet above near sea level, datum of 1929.

DRAINAGE AREA:—884 square miles.

BENCH MARKS:—No. 1 is an 80d spike driven horizontally in a maple tree located 20 feet downstream and 54 feet from west edge of bridge, elevation 13.75 feet. Data not available on reference marks for new site.

GAGE:—A Stevens A-35 recorder was installed in wooden shelter over a 36-inch corrugated iron pipe October 2, 1940. This recorder was furnished by the United States Bureau of Reclamation. On April 14, 1942, the installation was removed from the bridge and relocated in the stream bank 400 feet downstream from the bridge.

RECORDS AVAILABLE:—From December 10, 1936, to September 30, 1944.

NINE MILE DRAIN NEAR MINATARE

LOCATION:—Near county bridge at northwest corner of Section 25, Township 21 North, Range 53 West, 1½ miles north of McGrew.

BENCH MARKS:—No. 1 is a standard bronze tablet set in top of concrete post 6 feet in ground, located 15 feet upstream and 9 feet west of shelter, elevation, 6.77 feet. No. 2 is a standard tablet set in concrete post located across the road from shelter, 47 feet downstream, and 4 feet west, elevation, 6.63 feet. Adjustable reference point set in edge of recorder shelf, elevation, 8.96 feet.

GAGE:—Outside gage is chain at bridge, length, 13.73 feet.

RECORDER:—Stevens Type A-35 recorder installed in small timber shelter at west bank upstream from bridge April 14, 1939, to replace staff gage used previously.

RECORDS AVAILABLE:—January, 1919, to September 30, 1944. Present station established January 29, 1932.

NIOBRARA RIVER NEAR SPENCER

LOCATION:—In Section 30, Township 33 North, Range 11 West, 5 miles southeast of Spencer.

DRAINAGE AREA:—10,800 square miles.

GAGE:—On September 13, 1943, a Stevens Type-A recorder was installed in timber shelter over 30-inch corrugated iron pipe well on downstream side of first pier from left bank. This gage is used as an auxiliary to check determinations of flow through the power plant. Datum of gage 1,478.65 feet above mean sea level, datum of 1929.

REMARKS:—Discharge of the river is computed from data obtained by the Nebraska Hydro-Electric Power Company as follows: (1) discharge through the turbines; (2) over top of gates; (3) through ice gate and sluice gate; (4) through four Taintor gates; (5) through five needle gates; and (6) leakage through plant and gate.

RECORDS AVAILABLE:—May to December, 1908; August, 1927, to September 30, 1936. Dam failed and station discontinued September 24, 1936. Station reestablished June 14, 1940, and continued to September 30, 1944.

PUMPKINSEED CREEK NEAR BRIDGEPORT

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

DRAINAGE AREA:—1,080 square miles.

BENCH MARKS:—No. 1 is a standard bronze marker in concrete post 130 feet east from south end of bridge and 158 feet south of southwest corner of recorder shelter.

GAGE:—Staff, scale 0-3.3 feet, fastened to 2x4 timber driven in bed of stream near north bank near shelter. Established April 28, 1938.

RECORDER:—Stevens Type E recorder in small wooden shelter constructed at previous site June, 1934. Moved to present site May 18, 1936.

OBSERVER:—Water commissioner during irrigation season. Office engineer, caretaker, during the remainder of the year.

RECORDS AVAILABLE:—January, 1922, to September 30, 1944.

RED WILLOW CREEK NEAR BAYARD

LOCATION:—At county bridge in the southwest corner of Section 7, Township 20 North, Range 51 West, $\frac{1}{4}$ mile below confluence with Wild Horse Drain and $\frac{3}{4}$ mile above the mouth. Established January 30, 1932.

BENCH MARKS:—No. 1 is a standard bronze tablet set in concrete post 6 feet deep, located 23 feet west and 3 feet downstream from shelter, elevation, 5.68 feet. No. 2 is a standard tablet in concrete post 10 feet east and 14 feet downstream from bridge, elevation, 6.62 feet. Adjustable reference point in edge of recorder shelf, elevation, 10.19 feet.

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

RECORDER:—A Stevens Type A-35 recorder in small standard shelter installed November 18, 1938, at the west bank 10 feet downstream from staff gage used previously.

OBSERVATIONS:—Water commissioner during irrigation season.

RECORDS AVAILABLE:—February, 1932, to September 30, 1944.

RED WILLOW CREEK NORTH OF MCCOOK

LOCATION:—In the NW $\frac{1}{4}$ of Section 6, Township 4 North, Range 29 West, on Highway No. 183 ten miles north of McCook. Established September 18, 1940. Maintained by the United States Geological Survey under a co-operative agreement.

GAGE:—Outside gage is chain and weight fastened to the downstream bridge rail.

RECORDER:—Stevens Type A-35 recorder furnished by the United States Bureau of Reclamation in small box shelter on 24-inch corrugated iron still well fastened to downstream end of pier. Adjustable reference point, elevation, 21.25 feet.

BENCH MARKS:—No. 1 is a cross in concrete wheel guard opposite the shelter, elevation, 25.44 feet. No. 2 is a cross in concrete wheel guard opposite the chain gage pulley, elevation, 25.53 feet. Gage datum lowered 4.87 feet July 18, 1941, and all records have been referred to present datum according to the above elevations.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944.

RED WILLOW CREEK NEAR RED WILLOW

LOCATION:—In Section 8, Township 3 North, Range 28 West, $\frac{3}{4}$ mile north of Highway No. 6, and $1\frac{1}{2}$ miles northwest of Red Willow. Established September 21, 1939. Maintained by the United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is $\frac{3}{8}$ x6-inch lag screw driven horizontally in 24-inch tree 2 feet above ground, located 68 feet to the west of gage and 22 feet downstream from center line of road, elevation, 11.91 feet.

GAGE:—Wire weight gage fastened to downstream truss of single span highway bridge. Elevation of reference bar, 11.91 feet.

OBSERVER:—Hugh L. Myers.

RECORDS AVAILABLE:—September 21, 1939, to September 30, 1944.

REPUBLICAN RIVER, NORTH FORK, AT COLORADO-NEBRASKA STATE LINE

LOCATION:—In Section 10, Township 1 North, Range 42 West. Daily records began March 18, 1931. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—395 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in concrete in line with downstream edge of shelter and 25 feet south of it, near fence, elevation, 8.89 feet. Reference point is slot in screw in edge of recorder shelf, elevation, 8.63.

GAGE:—Cantilever chain gage located nearby.

RECORDER:—Stevens Type A-35 recorder, installed by the United States Geological Survey January 4, 1939, in small type timber well and shelter.

RECORDS AVAILABLE:—March, 1926, to September 30, 1944.

REPUBLICAN RIVER, SOUTH FORK. NEAR BENKELMAN

LOCATION:—In SW $\frac{1}{4}$ of Section 31, Township 1 North, Range 37 West, about $\frac{1}{2}$ mile downstream from Kansas-Nebraska State Line and 3 miles upstream from confluence with North Fork. Established August 27, 1937, and moved $\frac{1}{4}$ mile downstream March 5, 1940. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—2,550 square miles.

BENCH MARKS:—No. 1 is a standard bronze tablet set in top of concrete post located 36 feet from west end of upstream handrail and 141 feet upstream on west side, elevation, 7.24 feet. No. 3 is a spike in west side of tree located 76 feet north and 90 feet east of the north end of new bridge, elevation, 9.32 feet. No. 4 is a cross marked with red paint, chiseled in downstream end of north bridge abutment, elevation, 18.00 feet.

GAGE:—Wire weight gage mounted on guardrail on highway bridge. Elevation of reference bar, 24.55 feet. Datum of gage is 2,996.78 feet above mean sea level (datum of 1929).

OBSERVATIONS:—Twice daily by William Menge, Benkelman.

RECORDS AVAILABLE:—August 27, 1937, to September 30, 1944.

REPUBLICAN RIVER AT MAX.

LOCATION:—In Section 32, Township 2 North, Range 36 West. Established August 13, 1928, by Robert Follansbee and Floyd F. LeFever. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—Zero of gage is 2,877.32 feet above mean sea level, datum of 1929.

DRAINAGE AREA:—7,740 square miles, of which 1,900 square miles are con-contributing.

BENCH MARKS:—Reference mark No. 1 is a standard tablet set in concrete post 5 feet deep, located on left bank, 24 feet back of left abutment and 27 feet downstream; measured at right angles with line of bridge, elevation, 8.90 feet. Reference mark No. 2 is a standard bronze tablet set in top of 3 $\frac{1}{2}$ -inch pipe, 5 feet long, with flanged bottom, located 35.5 feet in front of shelter and 23.3 feet upstream from upstream side of shelter, elevation, 11.41 feet.

GAGE:—Original gage was an enameled plate, calibrated from 0 to 6.7 feet, attached to a 2x6 plank spiked to downstream end of pile-bent 100 feet from left end of bridge. This gage along with the bridge

was destroyed by the flood of May 31, 1935. On June 26, 1935, a temporary gage was established to replace the original.

On March 4, 1936, due to the shifting character of this stream, staff gages were installed at either end of the new highway bridge and referenced to the same datum. These gages were as follows: Gage No. 1 or north gage was an enameled gage plate, calibrated from 0 to 6.7 feet, on the downstream pile of third pile-bent from left abutment. Gage No. 2 or south gage is an enameled gage plate, calibrated from 0 to 6.7 feet, on the down stream pile of the fourth bent from the right abutment. Datum of these gages is 2,877.34 feet and 2,877.39 feet respectively for the left and right banks. (U.S.A.E. bench mark.)

RECORDER:—On November 21, 1938, a Stevens Type A-35 recorder was installed in standard (Denver district) timber shelter and well by the United States Geological Survey. This gage was located on the left bank 160 feet upstream from bridge. Recorder was referenced by weight and tape from a reference point in the shelter. Outside gage was a chain gage cantilevered from the left bank, 18 feet downstream from the recorder shelter.

This recorder was destroyed by the flood of July, 1941, and until August, 1941, the staff gages were read. On August 18, 1941, the recorder was replaced in a 36-inch corrugated pipe well at the same site. This gage was maintained until March 14, 1942, when the shelter was again destroyed by flood. From March 14, 1942, to September 30, 1942, the staff gages at either end of the bridge have been read. The recorder was again installed December 12, 1942, 80 feet downstream from staff gage on left bank and at same datum.

OBSERVER:—Justine Sutton, caretaker.

RECORDS AVAILABLE:—August, 1928, to September 30, 1944.

REPUBLICAN RIVER AT CULBERTSON

LOCATION:—In SE¼ of Section 17, Township 3 North, Range 31 West. Established originally by Nebraska, and was destroyed by flood May 31, 1935. A temporary staff was established June 10, 1935, which was destroyed by flood June 13, 1935. Present station established by United States Geological Survey June 28, 1935.

DRAINAGE AREA:—10,600 square miles, of which 1,900 square miles are non-contributing.

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

GAGE:—First gage, 0-10.1 foot enamel scale fastened to down-

REPUBLICAN RIVER AT CULBERTSON—CONCLUDED

stream side of thirteenth pile of bridge over main channel. Second gage, 3.36-6.74 foot enamel scale fastened to downstream side of second pile from north bank on second pile-bent bridge. Third gage, 3.36-6.74 foot enamel scale fastened to downstream side of seventh 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. Chain gage installed on downstream hand-rail of bridge at middle of span between 13th and 14th bents from left of main river bridge, chain length, 5.63-15.65 feet. Datum of gage is 2,561.93 feet above mean sea level.

OBSERVATIONS:—Made twice daily by B. D. Mallory.

RECORDS AVAILABLE:—January, 1924, to September 30, 1944.

REPUBLICAN RIVER NEAR BLOOMINGTON

LOCATION:—In Section 8, Township 1 North, Range 15 West. Established April 13, 1929. Maintained by the United States Geological Survey under a co-operative agreement.

DRAINAGE AREA:—20,900 square miles, 1,900 square miles non-contributing.

BENCH MARKS:—No. 2 is the head of a 40d spike 4 inches above ground in streamward side of 60-inch cottonwood, 150 feet above north end of bridge, and 40 feet from bank, elevation, 14.73 feet. No. 3 is a standard bronze tablet set in concrete post located on north bank 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. No. 4 is a standard bronze tablet set in 3-inch concrete-filled pipe with flanges on bottom set in 4 feet of concrete, located 28 feet in front of and 13 feet upstream from upstream front corner of shelter, elevation, 17.55 feet. Adjustable reference point, elevation, 19.06 feet.

GAGE:—Cantilever chain gage, scale 0-10.1 feet. Length of chain, 20.43 feet. Datum of gage is 1,824.15 feet above mean sea level, datum of 1929.

RECORDER:—Stevens Type A-35 recorder in standard timber shelter. Located on right bank 600 feet downstream from the bridge. Installed by the United States Geological Survey November 19, 1938.

OBSERVER:—Harley A. Bradshaw, caretaker.

RECORDS AVAILABLE:—April, 1929, to September 30, 1944.

REPUBLICAN RIVER NEAR HARDY

LOCATION:—Section 6, Township 1 South, Range 5 West. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—1,501.46 feet above mean sea level.

DRAINAGE AREA:—22,400 square miles, of which 1,900 square miles are con-contributing.

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. Adjustable reference point on edge of recorder shelf, elevation, 20.96 feet.

GAGE:—Chain gage attached to downstream bridge handrail. Length of chain, 22.11 feet.

RECORDER:—Stevens Type A-30 recorder in galvanized iron shelter and stilling well on downstream end of first pier from north bank.

OBSERVER:—Carl Boylan, caretaker.

RECORDS AVAILABLE:—May, 1932, to September 30, 1944.

ROCK CREEK NEAR PARKS

LOCATION:—In Section 21, Township 1 North, Range 39 West, at west edge of Parks, 100 feet downstream from county highway bridge and a quarter of a mile upstream from mouth. Established October 16, 1940, by Nebraska. Maintained by the United States Geological Survey under a co-operative agreement.

BENCH MARKS:—No. 1 is a railroad spike in end wall piling of right abutment of bridge located 100 feet upstream, elevation, 7.56 feet.

GAGE:—Staff gage, calibrated from 0 to 6.7 feet, at right downstream abutment on bridge 100 feet upstream from the station. Datum of gage 3,093.35 feet above mean sea level (datum of 1929).

RECORDER:—A Stevens A-35 recorder furnished by the United States Bureau of Reclamation was installed October 16, 1940.

RECORDS AVAILABLE:—October 1, 1940, to September 30, 1944.

SAPPA CREEK NEAR BEAVER CITY

LOCATION:—Section 14, Township 1 North, Range 23 West, at bridge on Highway No. 21. Established May 18, 1937, by the United

SAPPA CREEK NEAR BEAVER CITY—CONCLUDED

States Geological Survey. Maintained by the United States Geological Survey under a co-operative agreement.

ELEVATION:—Zero of gage, 2,157.19 feet above sea level.

DRAINAGE AREA:—1,560 square miles.

BENCH MARKS:—No. 1 is a circle chiseled on the north downstream corner of bridge curb, marked S-1, 2,181.05, elevation, 23.86 feet.

GAGE:—Chain gage located on downstream handrail of bridge. Chain length is 26.07 feet. Additional markers at 16.07 and 6.07 feet.

OBSERVATIONS:—Made twice daily by Frank M. Wright.

RECORDS AVAILABLE:—May 1, 1937, to September 30, 1944.

SHEEP CREEK NEAR MORRILL

LOCATION:—At highway bridge in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 16, Township 23 North, Range 57 West, 1 mile west of Morrill. Established January 26, 1932.

BENCH MARKS:—No. 1 is a point marked with paint, also file mark, on under side of steel girder directly above gage, elevation, 6.70 feet. Adjustable reference point in edge of recorder shelf, elevation, 6.68 feet.

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

RECORDER:—Stevens Type F recorder in small timber shelter located 20 feet below highway bridge on west bank. Installed April, 1940, by Bureau of Reclamation.

OBSERVATIONS:—Made twice daily by J. H. Schultz from October 1, 1938, to April 20, 1940. Charts changed by water commissioner during irrigation season.

RECORDS AVAILABLE:—April, 1919, to September 30, 1944.

STINKING WATER CREEK NEAR WAUNETA

LOCATION:—In NW $\frac{1}{4}$, Section 17, Township 6 North, Range 35 West, $\frac{1}{2}$ mile downstream from county highway bridge, $1\frac{1}{2}$ miles downstream from Spring Creek, and 6 miles northeast of Wauneta. Established October 10, 1940. The original gage was $\frac{1}{2}$ mile upstream in Section 7, Township 6 North, Range 35 West, 600 feet downstream from county highway bridge, and it remained there until May 18, 1943, when it was moved to the present location due to excessive scouring of the channel at the original site.

BENCH MARKS:—No. 3 is top of steel post set in concrete 5 feet downstream and 10 feet shoreward from rear post of cantilever support for chain gage; elevation, 9.08 feet above gage datum.

GAGE:—Stevens A-35 recorder in small shelter on 36-inch galvanized corrugated iron pipe. Charts set by weight and tape used with adjustable reference point in shelter; elevation, 13.47 feet. Cantilever chain gage located near recorder; chain length 15.36 feet.

RECORDS AVAILABLE:—October, 1940, to September, 1944.

WHITE RIVER AT CRAWFORD

LOCATION:—Section 9, Township 31 North, Range 52 West. Station moved to this location from old highway bridge $\frac{1}{2}$ mile downstream in Section 10 on October 3, 1933.

DRAINAGE AREA:—295 square miles.

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

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

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

RECORDS AVAILABLE:—January, 1924, to December, 1928, and February, 1931, to September 30, 1944.

WHITE RIVER NEAR CHADRON

LOCATION:—In Section 18, Township 33 North, Range 49 West. Daily observations began April 14, 1931.

DRAINAGE AREA:—750 square miles.

BENCH MARKS:—No. 1 is a 60d spike driven vertically in root of 24-inch cottonwood tree on west bank, 15 feet from edge of bank and 20 feet upstream from bridge, elevation, 17.72 feet. No. 2 is a standard bronze tablet set in concrete post located 10 feet downstream from shelter and 35 feet back from west bank, elevation, 22.06 feet. Reference point is slot in screw in edge of recorder shelf, elevation, 21.59 feet.

GAGE:—Chain on downstream handrail of bridge, chain length, 24.09 feet.

RECORDER:—Stevens Type A-30 in standard timber shelter installed December 8, 1934, by the United States Geological Survey.

OBSERVER:—Thomas A. Schumacher, caretaker.

RECORDS AVAILABLE:—April, 1924, to September 30, 1944.

WINTERS CREEK NEAR SCOTTSBLUFF

LOCATION:—In the center of Section 30, Township 22 North, Range 54 West, 1 mile above mouth and 1½ miles east of Scottsbluff. Established at this location November 19, 1933.

BENCH MARKS:—No. 1 is a standard bronze tablet set in top of concrete post located 3 feet west of shelter and 16 feet upstream, elevation, 9.56 feet. No. 2 is a red cross painted on old concrete abutment located 4 feet west and 48 feet upstream from shelter, elevation, 9.67 feet. Adjustable reference point on recorder shelf, elevation, 11.52 feet.

GAGE:—Staff gage consisting of 0-3.3 foot enamel scale mounted on 2x6 fastened to old concrete abutment on the east bank, 30 feet upstream from bridge.

RECORDER:—A Stevens Type A-35 recorder in standard timber shelter located ½ mile south of Highway No. 26. Recorder installed November 19, 1938, to replace staff gage station located ½ mile upstream.

OBSERVATIONS:—Made twice daily by Wesley Lackey prior to November 19, 1938. Water commissioner during irrigation season.

RECORDS AVAILABLE:—January, 1919, to September 30, 1944.

DISCHARGE MEASUREMENTS OF STREAMS

Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ANNE CREEK, BIG					
Carns—Sec. 32-33-17 W.					
7-13	D. E. Olson	0.1	9-14	D. E. Olson	0.0
ANTELOPE CREEK					
Neligh—Sec. 23-25-7 W.					
7-16	D. E. Olson	0.0	9-17	D. E. Olson	0.0
AOWA CREEK					
Ponca—Sec. 21-30-6 E.					
9-28	D. E. Olson	0.0			
AOWA CREEK					
Ponca 22-30-6 E.					
8-7	D. E. Olson	1.0	9-28	D. E. Olson	4.7
APPLEGATE DRAIN					
Sec. 31-13-33 W.					
10- 1	E. S. Kimmel	40.8	4-15	Melvin Kleen	52.3
10-15	do	39.4	4-20	C. E. Franklin	53.8
10-31	Melvin Kleen	37.4	5-10	do	48.9
11-14	do	45.7	5-24	do	44.4
12- 3	do	40.3	6- 8	do	60.3
1- 5	do	44.4	6-18	do	52.0
1-22	do	47.6	6-30	do	40.9
2- 1	do	52.6	7-10	do	43.2
2-19	do	52.1	8-24	do	29.1
3- 4	do	45.6	9-25	A. C. Hilpert	32.7
3-27	do	50.5			
ASH CREEK					
Near Mariaville—West Line of Sec. 4-32-17 W.					
7-13	D. E. Olson	14.3	9-14	D. E. Olson	6.3
ASH CREEK					
Near Belgrade—Sec. 19-17-6 W.					
4-16	D. E. Olson	0.0	9-17	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ASH CREEK					
Whitney—Sec. 7-32-50 W.					
10-14	A. C. Hilpert	14.5	5-10	A. C. Hilpert	4.5
10-27	do	2.4	5-31	do	3.5
12-10	do	2.5	6-21	do	1.6
1-22	do	1.5	6-30	do	1.7
2-27	do	4.9	7-15	do	1.7
3-25	do	42.5	9-25	Franklin-Rasmussen	.4
4-15	do	6.5			
ASH CREEK, EAST					
Above Barron Canal—Sec. 32-32-50 W.					
10-27	A. C. Hilpert	2.2	5-31	A. C. Hilpert	2.3
12-26	do	1.9	6-21	do	2.2
4-15	do	3.4	7-15	do	1.1
5-10	do	2.2	9-25	Franklin-Rasmussen	.4
ASH HOLLOW CREEK					
Near Davey—Sec. 4-12-7 E.					
9-27	D. E. Olson	0.0			
AUGER CREEK					
Elba—Sec. 4-15-11 W.					
10- 1	D. E. Olson	0.1	8-17	D. E. Olson	0.0
6-28	do	.1	9- 1	do	.0
4- 5	do	.1	9-21	do	.0
BAKER CREEK					
Near Laurel—Sec. 21-28-3 E.					
8- 7	D. E. Olson	0.1	9-28	D. E. Olson	0.0
BALD DRAIN					
Sec. 32-23-56 W.					
10- 1	J. P. Hansen	4.9	5-13	J. P. Hansen	7.2
10-30	do	3.3	5-27	do	23.0
2-24	do	2.6	6-10	do	15.9
4- 3	do	1.3	6-30	do	14.8
4-14	do	1.6	8- 5	do	14.7
4-23	do	1.4			
BASIN CREEK					
Near Naper—South Line of Sec. 15-34-15 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
BATTLE CREEK						
Near Battle Creek—East Line of Sec. 36-24-8 W.						
7-16	D. E. Olson	7.2		9-16	D. E. Olson	3.5
BAY CREEK						
Near Arlington—Sec. 1-17-9 E.						
8-9	D. E. Olson	0.0				
BAYARD DRAIN						
Above Alliance Canal						
8-14	J. P. Hansen	50.0				
BAZILLE CREEK						
Niobrara—Sec. 18-32-5 W.						
7-15	D. E. Olson	22.6		9-16	D. E. Olson	13.6
BEAN CREEK						
Elyria—Sec. 10-20-15 W.						
4-5	D. E. Olson	0.2		8-17	D. E. Olson	0.1
6-28	do	.1		9-6	do	.0
BEAR CREEK						
North of Merriman—Sec. 8-34-37 W.						
8-25	A. C. Hilpert	0.9		9-2	C. E. Franklin	1.0
8-25	do	4.1		9-22	do	1.4
BEAR CREEK						
Over Dam, A-3321—NW¼ Sec. 16-34-37 W.						
10-13	A. C. Hilpert	4.4		4-9	A. C. Hilpert	8.1
11-9	do	4.0		5-17	do	2.0
11-25	do	5.2		6-5	do	4.4
12-12	do	4.0		6-19	do	5.3
12-30	do	3.7		7-5	do	2.2
1-21	do	.0		8-24	do	.6
2-8	do	5.0		8-25	do	1.1
2-26	do	10.2		9-2	C. E. Franklin	1.0
3-24	do	11.8		9-22	do	1.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
BEAR CREEK						
Passing Fish and Game Commission Dam, A-2898—Sec. 16-34-37 W.						
10-18	A. C. Hilpert	2.9		5-17	A. C. Hilpert	0.0
11- 9	do	3.2		6- 5	do	2.8
11-25	do	4.0		6-19	do	6.3
12-12	do	3.4		7- 5	do	1.5
12-30	do	3.6		8-24	do	.0
1-21	do	2.0		8-25	do	.0
2- 8	do	4.0		8-25	do	5.8
2-26	do	6.7		9- 2	C. E. Franklin	.1
3-24	do	9.7		9-18	do	2.0
4- 9	do	9.5		9-22	do	1.0

BEAR CREEK						
Passing Cole Dam No. 1, A-2254—SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-34-37 W.						
10-13	A. C. Hilpert	2-1		4- 9	A. C. Hilpert	13.4
11- 9	do	3.7		5-17	do	2.8
11-25	do	4.5		6- 5	do	.2
12-12	do	3.3		6-19	do	9.0
12-30	do	4.5		7- 5	do	2.3
1-21	do	.1		8-24	do	.0
2- 8	do	2.4		8-25	do	.0
2-26	do	8.8		9- 2	C. E. Franklin	.0
3-24	do	13.1		9-22	do	.6

BEAR CREEK						
Eli—Sec. 25-34-36 W.						
10-12	A. C. Hilpert	5.0		4- 9	A. C. Hilpert	14.3
10-30	do	5.8		5-14	do	5.3
11-24	do	7.2		6- 3	do	3.4
12-12	do	6.0		6-18	do	11.4
12-28	do	9.2		7- 2	do	3.3
1-19	do	2.7		7-16	do	1.5
2- 5	do	4.7		8-24	do	.5
2-24	do	15.2		9-22	C. E. Franklin	1.6
3-24	do	18.3				

BEAR CREEK						
Above Bates Dam—1 $\frac{1}{2}$ Miles West Sec. 12-34-38 W.						
8-25	A. C. Hilpert	4.8				

BEAR CREEK						
Below Bates Dam—Sec. 7-34-37 W.						
8-25	A. C. Hilpert	0.5		9- 2	C. E. Franklin	0.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date			Sec.-ft.
BEAVER CREEK					
Albion—Sec. 15-20-6 W.					
4-29	D. E. Olson	52.3	9-17	D. E. Olson	28.7
BEAVER CREEK					
Near Beaver Crossing—Sec. 32-10-1 E.					
10-9	D. E. Olson	3.2	8-3	D. E. Olson	3.4
5-14	do	7.3	9-27	do	1.5
BEAVER CREEK					
Near Ravenna—South Line of Sec. 34-13-14 W.					
4-8	D. E. Olson	0.0	8-24	D. E. Olson	0.0
6-25	do	.0	9-25	do	.0
BEEAMAN CREEK					
Near Riverview—Sec. 23-32-20 W.					
7-13	D. E. Olson	0.1	9-13	D. E. Olson	0.0
BELL CREEK					
Arlington—West Line of Sec. 7-17-10 E.					
8-9	D. E. Olson	0.0	9-27	D. E. Olson	0.0
BELMAR CREEK					
Neligh—Sec. 21-25-6 W.					
7-16	D. E. Olson	0.0	9-17	D. E. Olson	0.0
BINGHAM CREEK					
Near Niobrara—Sec. 30-32-6 W.					
9-15	D. E. Olson	0.0			
BLACKWOOD CREEK					
East of Culbertson—Sec. 15-3-31 W.					
6-29	D. B. Ender	4.1	9-16	D. B. Ender	1.7
BLOODY CREEK					
Near Ovitt—Sec. 5-24-19 W.					
4-19	D. E. Olson	0.0			
BLOODY RUN CREEK					
Hazard—West Line of Sec. 26-13-16 W.					
4-14	D. E. Olson	0.0	8-24	D. E. Olson	0.0
6-25	do	.0	9-25	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BLUE RIVER, BIG, WEST FORK					
Near Beaver Crossing—Sec. 32-10-1 E.					
10- 9	D. E. Olson	57.8	8- 3	D. E. Olson	79.1
5-14	do	58.0	9-27	do	42.5
BLUE RIVER, BIG					
Seward—Sec. 17-11-3 E.					
10- 9	D. E. Olson	1.3			
BOGGY CREEK					
Below Wickersham Diversion Dam—Sec. 31-33-54 W.					
10- 9	A. C. Hilpert	0.3	6-16	A. C. Hilpert	0.1
10-28	do	.6	6-30	do	.6
4-16	do	.0	9- 4	Franklin-Rasmussen	.1
6- 1	do	.1			
BOGUS CREEK					
Near St. Edward—Sec. 11-18-5 W.					
4-29	D. E. Olson	0.2	9-17	D. E. Olson	0.3
BONE CREEK					
Near Schuyler—Sec. 35-16-3 E.					
4-17	D. E. Olson	0.2	9-27	D. E. Olson	0.0
8- 5	do	.3			
BORDEAUX CREEK, BIG					
Below Thomas Canal—Sec. 34-34-48 W.					
10- 7	A. C. Hilpert	4.1	4- 8	A. C. Hilpert	10.3
10-24	do	5.0	5-10	do	8.6
12- 8	do	5.8	5-29	do	7.4
12-24	do	7.8	6-14	do	7.8
1-15	do	7.1	6-29	do	5.7
2- 2	do	6.7	7-13	do	6.0
2-23	do	8.4	9-24	C. E. Franklin	2.0
3-24	do	76.1			
BORDEAUX CREEK, BIG					
Chadron—Sec. 14-33-48 W.					
10- 7	A. C. Hilpert	2.9	4- 8	A. C. Hilpert	4.6
10-24	do	2.7	5-10	do	3.3
12- 8	do	5.2	5-29	do	3.8
12-24	do	2.9	6-14	do	3.8
1-15	do	3.5	6-29	do	2.4
2- 2	do	4.0	7-13	do	3.0
2-23	do	3.6	9-24	C. E. Franklin	2.1
3-22	do	4.9			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
BORDEAUX CREEK, LITTLE						
Below Hartzell Canal—Sec. 13-33-48 W.						
10- 7	A. C. Hilpert	2.1	4- 8	A. C. Hilpert		3.6
10-24	do	2.2	5-10	do		2.3
12- 8	do	2.6	5-29	do		3.0
12-24	do	2.7	6-14	do		2.1
1-15	do	4.1	6-29	do		2.4
2- 2	do	3.3	7-13	do		1.8
2-23	do	4.0	9-24	C. E. Franklin		1.4
3-22	do	7.0				
BOW CREEK						
Wynot—Sec. 11-32-2 E.						
8- 7	D. E. Olson	11.6	9-28	D. E. Olson		7.4
BOW CREEK						
Near Hartington—Sec. 12-30-1 E.						
9-28	D. E. Olson	0.3				
BOW VALLEY CREEK						
Wynot—South Line of Sec. 16-32-2 E.						
8- 7	D. E. Olson	0.2	9-28	D. E. Olson		0.0
BRANCH CREEK						
Near Staplehurst—Sec. 4-11-2 E.						
5-14	D. E. Olson	0.0				
BROWN CREEK						
Loup City—East Line of Sec. 25-15-15 W.						
4-14	D. E. Olson	0.1	8-24	D. E. Olson		0.1
6-25	do	.2	9-25	do		.0
BROWN CREEK						
Near Arlington—Sec. 1-17-10 E.						
9-29	D. E. Olson	0.0				
BROWNELL CREEK						
Near Syracuse—Sec. 26-8-11 E.						
8- 4	D. E. Olson	0.2				
BRUSH CREEK						
Staplehurst—West Line of Sec. 5-11-2 E.						
10- 9	D. E. Olson	0.0	9-27	D. E. Olson		0.0
8- 3	do	.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BRUSH CREEK					
Near Butte—Sec. 23-33-13 W.					
7-14	D. E. Olson	12.6			
BUFFALO CREEK					
Elm Creek—Sec. 33-9-18 W.					
10- 7	Melvin Kleen	16.5	1-26	Melvin Kleen	2.2
10-13	do	11.3	2-11	do	4.5
10-20	do	6.6	2-24	do	4.3
10-26	do	19.7	3-11	do	4.2
11-10	do	8.9	3-22	do	2.8
11-21	do	5.6	3-29	do	4.3
12- 1	do	5.7	4- 5	do	3.7
12-11	do	5.4	4-13	do	37.9
12-24	do	5.1	4-20	do	8.2
1-12	do	4.4			
BUFFALO CREEK					
Meadow Grove—South Line of Sec. 24-24-4 W.					
7-16	D. E. Olson	0.3	9-16	D. E. Olson	2.4
BULL DRAIN					
Maxwell—Sec. 19-13-28 W.					
10- 1	Melvin Kleen	1.3	4- 7	Melvin Kleen	1.2
11-19	do	1.4	5- 5	do	1.0
12- 4	do	.5	6- 5	do	.7
1- 4	do	.9	7-13	do	.4
2- 2	do	.9	8-18	do	.4
3-13	do	2.0	9- 7	do	.6
BURGESS CREEK					
Near Niobrara—Sec. 20-32-6 W.					
9-15	D. E. Olson	0.0			
BUTTERFLY CREEK					
Stanton—North Line of Sec. 5-22-2 E.					
8- 6	D. E. Olson	0.0	9-28	D. E. Olson	0.0
CACHE CREEK					
Ewing—Sec. 13-26-9 W.					
7-16	D. E. Olson	5.4	9-17	D. E. Olson	3.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

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

CALAMUS RIVER

Harrop—Sec. 22-23-18 W.

10- 7	D. E. Olson	191	7-19	D. E. Olson	172
10-20	do	205	7-26	do	160
4- 5	do	190	8-17	do	153
4-19	do	183	8-23	do	156
4-26	do	177	9- 6	do	180
5- 3	do	174	9-21	do	177
6-28	do	178			

CEDAR BRANCH CREEK

Nevins—Sec. 17-14-35 W.

10-14	E. S. Kimmel	1.9	5-22	C. E. Franklin	2.4
11- 6	Melvin Kleen	1.6	6- 7	do	1.8
12- 9	do	1.7	6-18,	do	1.5
1- 8	do	1.6	6-28	do	1.7
2- 4	do	1.4	7-10	do	1.9
3-26	do	1.3	8- 3	do	1.7
4-14	do	1.2	8-21	do	1.7
4-20	do	2.3	9-10	A. C. Hilpert	1.1

CEDAR CREEK

Above D-507, Schilt-Cedar Creek Canal—Sec. 35-33-56 W.

2-27	Hilpert-Rasmussen	0.4			
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CEDAR CREEK

Below D-507, Schilt-Cedar Creek Canal—Sec. 35-33-56 W.

10- 9	A. C. Hilpert	0.0	5-12	A. C. Hilpert	0.0
10-29	do	.0	6-16	do	.0
2-27	do	.0	6-30	do	.0
2-28	Hilpert-Rasmussen	.0	9- 4	Franklin-Rasmussen	.0
4-16	A. C. Hilpert	.0			

CEDAR CREEK

Sec. 11-18-48 W.

10- 3	E. S. Kimmel	12.6	2-20	E. S. Kimmel	10.8
10-10	do	12.6	3- 6	do	10.1
10-17	Kimmel-Hilpert-Hansen	15.1	3-20	do	11.6
11- 2	J. P. Hansen	12.1	4- 7	do	12.1
12-15	do	11.9	4-15	Kimmel-Franklin	12.1
2- 6	E. S. Kimmel	12.7	4-26	C. E. Franklin	9.5
2-13	do	12.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.	Sec.-ft.			
CEDAR CREEK						
Below Oakdale Mill Dam—East Line of Sec. 11-24-6 W.						
7-16	D. E. Olson	21.3		9-17	D. E. Olson	15.7
CEDAR CREEK						
Near Elba—Sec. 8-15-10 W.						
10- 5	D. E. Olson	0.0		8-23	D. E. Olson	0.0
4- 6	do	.0		9-15	do	.0
7- 2	do	.0				
CEDAR CREEK						
Near Poole—Sec. 36-12-15 W.						
4-22	D. E. Olson	0.1				
CEDAR CREEK						
Near Stanton—Sec. 13-23-2 E.						
8- 6	D. E. Olson	0.0		9-27	D. E. Olson	0.0
CEDAR CREEK						
Near Taylor—Sec. 27-21-17 W.						
9-22	D. E. Olson	0.0				
CEDAR RIVER						
Ericson—South Line of Sec. 15-21-12 W.						
4-29	D. E. Olson	72.8		9-18	D. E. Olson	63.6
7-12	do	63.3				
CEDAR RIVER						
Below Spalding Mill Dam—Sec. 28-20-9 W.						
4-29	D. E. Olson	132.0				
CEDAR RIVER						
Below Van Ackeren Power Plant at Cedar Rapids—Sec. 5-18-7 W.						
4-29	D. E. Olson	243.0				
CENTER CREEK						
Center—Sec. 3-30-5 W.						
9-16	D. E. Olson	0.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge
		Sec.-ft.				

CHADRON CREEK

Station 36 of Pipe Line—Sec. 12-32-49 W.

10-15	A. C. Hilpert	1.9	4- 7	A. C. Hilpert	2.0
11-10	do	1.8	5- 8	do	1.7
12- 7	do	1.4	5-28	do	.6
1- 2	do	1.6	6-14	do	.7
1-14	do	1.7	6-28	do	.3
2- 2	do	1.5	7-13	do	.4
2-22	do	1.9			

CHADRON CREEK

One-half Mile above City Reservoir—Sec. 19-32-48 W.

10-15	A. C. Hilpert	2.4	4- 7	A. C. Hilpert	3.1
11-10	do	2.2	5- 8	do	3.1
12- 7	do	2.4	5-28	do	2.3
1- 2	do	2.4	6-14	do	1.9
1-14	do	2.4	6-28	do	1.7
2- 2	do	2.7	7-13	do	1.6
2-22	do	2.4	9-25	Franklin-Rasmussen	.9
3-25	do	72.8			

CHADRON CREEK

500 Feet below City Reservoir—Sec. 18-32-48 W.

10-15	A. C. Hilpert	0.3	4- 7	A. C. Hilpert	0.4
11-10	do	.3	5- 8	do	.2
12- 7	do	.3	5-28	do	.5
1- 2	do	.3	6-14	do	.5
1-14	do	.4	6-28	do	.6
2- 2	do	.5	7-13	do	.6
2-22	do	.5	9-25	Franklin-Rasmussen	.1

CHESBRA CREEK

Taylor—Sec. 20-21-18 W.

4-19	D. E. Olson	0.0	8-18	D. E. Olson	0.0
6-29	do	.0	9-22	do	.0

CHIMNEY CREEK

Near Meadville—Sec. 6-33-22 W.

7-12	D. E. Olson	0.0	9-13	D. E. Olson	0.0
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DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CLEAR CREEK					
Sec. 32-16-41 W.					
10- 7	E. S. Kimmel	7.4	4-18	C. E. Franklin	9.0
11- 4	J. P. Hansen	6.8	4-30	do	8.1
12- 4	do	5.2	5-25	do	5.9
12-17	do	7.9	6-25	do	2.1
12-31	do	6.8	7-14	do	5.3
2-19	A. C. Hilpert	8.6	8-10	do	8.7
3-25	J. P. Hansen	10.3	9- 9	A. C. Hilpert	.6
4- 7	E. S. Kimmel	9.6	9-22	do	6.1
CLEAR CREEK					
Westerville—East Line of Sec. 28-17-18 W.					
4- 6	D. E. Olson	0.3	9- 7	D. E. Olson	1.8
CLEAR CREEK					
Litchfield—Sec. 26-14-16 W.					
4-22	D. E. Olson	0.7			
CLEAR CREEK					
Below Pibel Lake—South Line of Sec. 31-21-10 W.					
4.20	D. E. Olson	2.0			
CLEAR CREEK					
Near Ashland—West Line of Sec. 36-13-9 E.					
8- 5	D. E. Olson	118.0	9-29	D. E. Olson	3.6
CLEAR CREEK					
Sec. 8-14-34 W.					
8-25	C. E. Franklin	1.1			
CLEAR CREEK, UPPER					
Near Yutan—Sec. 1-14-9 E.					
8-16	D. E. Olson	0.1			
CLEARWATER CREEK					
Clearwater—Sec. 6-25-7 W.					
7-16	D. E. Olson	17.5	9-17	D. E. Olson	16.0
CLEVELAND DRAIN					
Sec. 6-20-52 W.					
10-30	J. P. Hansen	2.6	3-30	J. P. Hansen	1.0
2-22	do	1.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
COB CREEK					
Near Loup City—Sec. 23-15-15 W.					
4-14	D. E. Olson	0.1	8-24	D. E. Olson	0.0
6-25	do	.1	9-25	do	.0
COLD WATER CREEK					
Sec. 34-18-46 W.					
10- 9	E. S. Kimmel	13.1	7-27	Franklin-Kimmel	0.2
4- 5	do	1.5	8-10	C. E. Franklin	.5
5-14	C. E. Franklin	11.4	8-19	do	.1
5-27	do	.1	9- 8	A. C. Hilpert	2.7
6-11	do	8.7	9-13	do	1.2
6-22	do	5.1	9-20	do	1.4
7-17	do	.1			
COLE CREEK					
Near Loup City—West Line of Sec. 28-16-15 W.					
4-14	D. E. Olson	0.1	8-24	D. E. Olson	0.0
6-25	do	.1	9-25	do	.0
COLEMAN CREEK					
Norden—West Line Sec. 15-33-24 W.					
7-12	D. E. Olson	0.0	9-13	D. E. Olson	0.0
COON CREEK					
Near Brocksburg—South Line Sec. 4-34-17 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0
COON, CREEK					
Near Carns—Sec. 24-32-19 W.					
9-14	D. E. Olson	1.8			
COON CREEK					
Milford—Sec. 12-9-3 E.					
5-14	D. E. Olson	0.1	9-27	D. E. Olson	0.1
8- 3	do	1.0			
COTTONWOOD CREEK					
Dunlap—Sec. 27-29-48 W.					
10- 5	A. C. Hilpert	0.5	3-25	A. C. Hilpert	7.3
10-23	do	1.2	4- 7	do	1.4
11-23	do	1.4	5- 8	do	1.3
12- 7	do	1.0	5-23	do	.6
12-22	do	1.2	6-14	do	4.3
1-14	do	1.0	6-28	do	.9
2- 2	do	1.1	7-13	do	.2
2-22	do	.9	8-26	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
COTTONWOOD CREEK					
Near Palmer—SE Corner Sec. 9-15-8 W.					
4-16	D. E. Olson	0.2	9-18	D. E. Olson	0.0
COTTONWOOD CREEK, BIG					
Sec. 22-33-50 W.					
10- 7	A. C. Hilpert	0.7	3-24	A. C. Hilpert	147.0
10-14	do	390.0	4-15	do	2.4
10-27	do	7.8	5-10	do	1.2
12- 8	do	.3	5-29	do	.8
12-26	do	.6	6-16	do	1.5
1-15	do	.3	6-29	do	.6
2- 3	do	.1	7-14	do	.1
2-23	do	3.7	9-25	Franklin-Rasmussen	.3
3-22	do	1.0			
COTTONWOOD CREEK, LITTLE					
Sec. 8-32-52 W.					
10- 6	A. C. Hilpert	0.7	4-15	A. C. Hilpert	0.2
10-28	do	1.4	5-11	do	2.1
12- 8	do	.2	6- 1	do	3.6
12-31	do	1.9	6-21	do	1.0
1-15	do	1.4	6-29	do	.6
2-23	do	1.8	7-14	do	.3
3-26	do	5.4	9-26	Franklin-Rasmussen	.0
COTTONWOOD CREEK, LITTLE					
South of Whitney Pipe Line Outlet—Sec. 8-32-51 W.					
10- 7	A. C. Hilpert	0.1	4-15	A. C. Hilpert	4.7
10-14	do	55.2	5-11	do	2.0
10-28	do	1.9	6- 1	do	7.2
12- 8	do	.5	6-21	do	.6
12-31	do	1.9	6-29	do	.7
1-15	do	6.2	7-14	do	.0
2- 4	do	1.0	9-25	Franklin-Rasmussen	.0
2-23	do	3.0			
COTTONWOOD CREEK					
Near Arcadia—South Line of Sec. 4-17-16 W.					
10- 2	D. E. Olson	0.0	8-19	D. E. Olson	0.0
7- 8	do	.0			
COTTONWOOD CREEK					
Wahoo—Sec. 4-14-7 E.					
8- 5	D. E. Olson	0.0	9-27	D. E. Olson	0.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
COUNCIL CREEK					
Near Genoa—West Line of Sec. 36-17-4 W.					
4-16	D. E. Olson	0.0	9-17	D. E. Olson	0.0
COW CREEK					
Walthill—Sec. 25-25-8 E.					
8-7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
CROOKED CREEK					
Near Spencer—East Line of Sec. 12-33-12 W.					
7-14	D. E. Olson	0.0	9-15	D. E. Olson	0.0
CROOKED CREEK					
Ruby—Sec. 16-10-3 E.					
9-27	D. E. Olson	0.0			
CUB CREEK					
Near Meadville—Sec. 3-32-22 W.					
7-12	D. E. Olson	0.1	9-13	D. E. Olson	0.1
CUMING CREEK					
Scribner—North Line of Sec. 32-20-7 E.					
8-6	D. E. Olson	0.1	9-29	D. E. Olson	0.0
DANE CREEK					
Ord—East Line of Sec. 20-19-14 W.					
10-13	D. E. Olson	0.2	7-26	D. E. Olson	0.2
4-5	do	.5	8-17	do	2.5
6-28	do	.1	9-6	do	12.9
DAVIS CREEK					
Cotesfield—Sec. 34-17-12 W.					
10-1	D. E. Olson	0.1	8-17	D. E. Olson	0.0
4-5	do	.1	9-1	do	.2
6-28	do	.1	9-21	do	.2
DAWSON COUNTY DRAIN NO. 2					
Darr—Sec. 25-10-23 W.					
10-7	Melvin Kleen	3.4	2-12	Melvin Kleen	1.4
10-13	do	2.9	3-22	do	1.5
10-19	do	2.8	4-6	do	1.1
11-20	do	1.2	4-12	do	3.5
12-11	do	1.8	4-20	do	3.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DEAD CREEK					
Near Hartington—Sec. 29-31-2 E.					
8-7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
DEAD HORSE CREEK					
Loup City—Sec. 18-15-14 W.					
4-14	D. E. Olson	0.0	8-19	D. E. Olson	0.9
6-25	do	.0			
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
10-27	A. C. Hilpert	2.1	5-31	A. C. Hilpert	3.2
12-10	do	1.4	6-30	do	1.7
4-15	do	3.2	7-15	do	.7
5-10	do	3.0	9-25	Franklin-Rasmussen	.5
DEER CREEK					
Boelus—North Line of Sec. 27-13-12' W.					
4-8	D. E. Olson	0.2	8-14	D. E. Olson	0.2
6-25	do	.1	9-25	do	.2
DEER CREEK					
Maskell—Sec. 33-32-4 E.					
8-7	D. E. Olson	0.1	9-28	D. E. Olson	0.0
DEER CREEK					
Near Meadow Grove—East Line of Sec. 30-24-3 W.					
7-16	D. E. Olson	0.2	9-16	D. E. Olson	0.5
DEER CREEK					
Near Wayne—Sec. 15-26-3 E.					
8-7	D. E. Olson	0.1	9-28	D. E. Olson	0.1
DeGRAW DRAIN					
Sec. 24-20-51 W.					
10-12	J. P. Hansen	4.9	5-22	J. P. Hansen	3.1
10-19	do	6.6	6-8	do	3.1
12-29	do	3.0	6-19	do	2.1
2-22	do	4.0	7-12	do	.8
3-30	do	2.3	7-27	do	7.2
4-24	do	1.9	8-9	do	1.4
5-3	do	1.5	9-13	do	2.6
5-10	do	2.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DISMAL RIVER					
Dunning—Sec. 4-21-24 W.					
10- 7	D. E. Olson	345	7-27	D. E. Olson	288
5- 4	do	322	8-18	do	324
5-18	do	345	9- 2	do	293
6-29	do	300	9-22	do	326
DIZZY CREEK					
Butte—Sec. 9-34-13 W.					
7-14	D. E. Olson	0.0	9-14	D. E. Olson	0.0
DOG CREEK					
Near Wayne—Sec. 1-26-3 E.					
8- 7	D. E. Olson	0.2	9-28	D. E. Olson	0.3
DRIFTWOOD CREEK					
Near McCook—Sec. 1-2-30 W.					
6-26	D. B. Ender	0.2	8-13	D. B. Ender	0.2
DRINGMAN DRAIN					
Sec. 32-13-33 W.					
10- 1	E. S. Kimmel	7.4	3-27	Melvin Kleen	7.9
10-15	do	7.2	4-15	do	8.1
10-31	Melvin Kleen	7-1	4-20	C. E. Franklin	7.9
11-14	do	6.7	5-24	do	7.1
12- 3	do	6.2	6- 8	do	7.6
1- 5	do	7.6	6-18	do	6.2
1-22	do	6.9	6-30	do	6.8
2- 1	do	7.6	7-10	do	7.7
2-19	do	8.5	8-24	do	1.0
3- 4	do	7.8	9-25	A. C. Hilpert	1.1
DRY CREEK					
To Cottonwood Lake—South Line of Sec. 16-34-37 W.					
10-13	A. C. Hilpert	0.0	4- 9	A. C. Hilpert	0.0
11- 9	do	1.1	5-17	do	1.0
11-25	do	1.3	6- 5	do	3.3
12-12	do	.0	6-19	do	1.5
12-30	do	1.6	7- 5	do	.0
1-21	do	.0	8-24	do	.0
2- 8	do	.0	8-25	do	.0
2-26	do	1.8	9- 2	C. E. Franklin	.1
3-24	do	2.1	9-22	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date			Sec.-ft.
DRY CREEK					
Merriman—Sec. 17-34-37 W.					
10-13	A. C. Hilpert	0.1	3-24	A. C. Hilpert	5.3
11- 9	do	2.1	4- 9	do	6.2
11-25	do	2.4	5-17	do	2.7
12-12	do	.6	6- 5	do	3.8
12-30	do	2.0	6-19	do	4.7
1-21	do	.0	7- 5	do	.0
2- 8	do	.1	8-24	do	.0
2-26	do	4.2	9-22	C. E. Franklin	.0
DRY CREEK					
Near Valley View—South Line of Sec. 14-22-17 W.					
10- 7	D. E. Olson	0.0	6-28	D. E. Olson	0.0
4- 5	do	.0	9- 6	do	.0
DRY CREEK					
Near Riverview—Sec. 14-33-21 W.					
7-13	D. E. Olson	0.1	9-13	D. E. Olson	0.0
DRY CREEK					
Near Naper—South Line of Sec. 18-34-15 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0
DRY CREEK					
Ravenna—South Line of Sec. 32-13-14 W.					
4-14	D.E.Olson	0.0	8-14	D. E. Olson	0.0
6-25	do	.0	9-25	do	.0
DRY CREEK					
Near Cairo—South Line of Sec. 15-12-11 W.					
4- 8	D. E. Olson	0.0			
DRY CREEK					
Near O'Neill—Sec. 5-28-11 W.					
7-12	D. E. Olson	0.2	9-13	D. E. Olson	0.2
DRY CREEK					
Near Meadow Grove—North Line of Sec. 21-24-4 W.					
7-16	D. E. Olson	0.1	9-16	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
DRY CREEK						
Near Gates—Sec. 6-19-20 W.						
4-20	D. E. Olson	0.0		8-18	D. E. Olson	0.0
6-29	do	.0		9-2	do	.0
DRY CREEK						
Near Pleasanton—Sec. 24-12-16 W.						
4-22	D. E. Olson	0.0				
DRY CREEK						
Pierce—Sec. 17-26-2 W.						
7-15	D. E. Olson	0.1		9-16	D. E. Olson	0.1
DRY CREEK						
Lynch—Sec. 23-33-10 W.						
9-15	D. E. Olson	0.0				
DUGOUT CREEK, LOWER						
Rating Station, U. P. R. R. Bridge—Sec. 20-19-48 W.						
10-3	E. S. Kimmel	0.0		10-10	E. S. Kimmel	0.0
DUGOUT CREEK, UPPER						
Sec. 20-20-50 W.						
10-12	J. P. Hansen	6.3		2-22	J. P. Hansen	1.0
10-19	do	6.4		3-30	do	.7
12-29	do	3.3		4-24	do	.5
2-17	do	4.3				
DUTCH CREEK						
Near Meadville—Sec. 29-32-21 W.						
9-13	D. E. Olson	0.0				
EAGLE CREEK						
Near Paddock—South Line of Sec. 2-32-11 W.						
7-14	D. E. Olson	18.6		9-15	D. E. Olson	16.4
ELK CREEK						
Near Palmer—Sec. 23-15-8 W.						
10-5	D. E. Olson	0.0		9-18	D. E. Olson	0.0
4-16	do	.1				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ELK CREEK					
Near Riverview—Sec. 31-32-19 W.					
9-14	D. E. Olson	0.6			
ELK CREEK					
Jackson—Sec. 36-29-7 E.					
9-28	D. E. Olson	1.8			
ELKHORN RIVER					
Norfolk—West Line of Sec. 3-23-1 W.					
7-16	D. E. Olson	228	9-16	D. E. Olson	159
ELKHORN RIVER					
West Point—Sec. 33-22-6 E.					
8- 6	D. E. Olson	231			
ELKHORN RIVER, NORTH FORK					
Hadar—South Line of Sec. 28-25-1 W.					
7-15	D. E. Olson	31.2	9-16	D. E. Olson	27.7
ELKHORN RIVER, SOUTH FORK					
Ewing—Sec. 2-26-9 W.					
7-16	D. E. Olson	26.6	9-17	D. E. Olson	24.2
ELKHORN RIVER, SOUTH FORK					
Near Chambers—Sec. 1-26-12 W.					
9-13	D. E. Olson	0.7			
ELM CREEK					
Elm Creek—Sec. 33-9-18 W.					
10- 7	Melvin Kleen	0.0	1-26	Melvin Kleen	0.0
10-20	do	.0	2-11	do	.0
10-26	do	.2	2-24	do	.0
11-10	do	.0	3-11	do	.0
11-21	do	.0	3-22	do	.0
12- 1	do	.0	3-29	do	.0
12-11	do	.0	4- 5	do	.0
12-24	do	.0	4-13	do	7.7
1-12	do	.0	4-20	do	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
ELM CREEK					
Ord—Sec. 24-19-14 W.					
10-13	D. E. Olson	0.2	8-23	D. E. Olson	0.1
4-19	do	.1	9-17	do	.2
6-28	do	.1			
FAIRFIELD SEEP					
Sec. 18-21-53 W.					
10-16	J. P. Hansen	1.8	5-11	J. P. Hansen	2.0
10-30	do	.5	5-26	do	1.5
2-22	do	.4	7-14	do	.2
3-30	do	1.5	8-31	do	5.3
4-16	do	2.2	9-29	do	.9
4-20	do	1.6			
FANNING SEEP					
One-half Mile North of Mitchell Bridge—Sec. 28-23-56 W.					
10- 1	J. P. Hansen	7.1	5-13	J. P. Hansen	3.0
10-30	do	7.0	5-27	do	4.2
2-24	do	2.5	6-24	do	3.1
4- 3	do	3.4	6-30	do	4.2
4-14	do	4.1	8- 5	do	4.5
4-23	do	3.3			
FIDDLERS CREEK					
Homer—Sec. 12-27-8 E.					
8- 7	D. E. Olson	0.2	9-23	D. E. Olson	0.0
FISH CREEK					
Near Cotesfield—Sec. 7-16-11 W.					
10-13	D. E. Olson	0.0	8-23	D. E. Olson	0.0
4- 6	do	.0	9-17	do	.0
7- 2	do	.0			
FISHER CREEK					
West Point—East Line of Sec. 8-21-6 E.					
8- 6	D. E. Olson	0.0	9-29	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FREMONT SLOUGH					
North Platte—Sec. 16-13-30 W.					
10- 9	Melvin Kleen	8.3	4-30	Melvin Kleen	7.4
10-17	do	8.0	5-18	do	13.5
10-24	do	8.5	5-27	do	8.2
11-13	do	9.6	6- 9	do	6.6
12- 8	do	9.6	6-22	do	14.2
1- 6	do	10.8	6-29	do	3.5
2- 6	do	23.2	7- 9	do	9.4
2-16	do	19.7	8- 6	do	6.2
3- 3	do	10.9	8-28	do	1.6
3-27	do	24.0	9-11	do	1.8
4- 8	do	14.6	9-17	Lewis-Jones	1.5
4-22	do	10.4	9-30	Melvin Kleen	2.4
FRENCHMAN RIVER					
Above Maranville Reservoir—Sec. 10-6-41 W.					
10- 9	D. B. Ender	4.0	7- 8	D. B. Ender	4.1
1-14	do	4.2	7-30	do	3.4
2-18	do	4.4	8-19	do	3.4
3-24	do	4.6	9-11	do	3.8
4-23	do	4.3	9-27	do	3.7
5-26	do	4.1			
FRENCHMAN RIVER					
Below Maranville Reservoir—Sec. 11-6-41 W.					
10- 9	D. B. Ender	1.7	7- 8	D. B. Ender	0.2
1-14	do	5.8	7-30	do	1.3
2-18	do	3.9	8-19	do	1.0
3-24	do	3.6	9-11	do	1.4
4-23	do	2.8	9-27	do	3.5
5-26	do	3.3			
FRENCHMAN RIVER					
Above Inman Canal—17-6-40 W.					
10- 9	D. B. Ender	12.7	7- 8	D. B. Ender	12.7
1-14	do	17.4	7-30	do	14.6
2-18	do	15.7	8-19	do	10.3
3-24	do	16.9	9-11	do	14.1
4-23	do	15.4	9-27	do	13.5
5-26	do	15.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCHMAN RIVER					
Above Champion Canal Diversion Dam—West Line of Sec. 22-6-40 W.					
10- 9	D. B. Ender	23.7	7- 8	D. B. Ender	19.0
1-14	do	26.1	7-30	do	22.7
2-18	do	23.8	8-19	do	17.2
3-24	do	25.3	9-11	do	20.4
4-23	do	22.8	9-27	do	16.0
5-26	do	10.3			
FRENCHMAN RIVER					
Below Champion Canal Diversion Dam—West Line of Sec. 23-6-40 W.					
10- 9	D. B. Ender	22.5	7- 8	D. B. Ender	5.7
1-14	do	29.0	7-30	do	26.6
2-18	do	29.5	8-19	do	20.2
3-24	do	7.3	9-11	do	21.7
4-23	do	26.7	9-27	do	11.2
5-26	do	3.0			
FRENCHMAN RIVER					
Above Champion—Sec. 19-6-39 W.					
10- 9	D. B. Ender	33.2	7- 8	D. B. Ender	15.1
1-14	do	35.0	7-30	do	34.9
2-18	do	37.8	8-19	do	29.2
3-24	do	17.0	9-11	do	31.9
4-23	do	36.5	9-27	do	23.3
5-26	do	23.6			
FRENCHMAN RIVER					
South of Imperial, Below Imperial Power Plant—Sec. 30-6-38 W.					
10- 8	D. B. Ender	57.3	7- 8	D. B. Ender	25.5
1-13	do	54.8	7-30	do	65.9
2-17	do	69.3	8-19	do	60.7
3-23	do	39.9	9-10	do	60.4
4-22	do	46.2	9-28	do	50.6
5-26	do	48.6			
FRENCHMAN RIVER					
Below Grosbach-Williams Power Plant—Sec. 5-5-37 W.					
10- 8	D. B. Ender	78.3	7- 7	D. B. Ender	66.3
1-13	do	77.8	7-29	do	78.0
2-17	do	80.9	8-18	do	69.8
3-23	do	73.5	9-10	do	67.1
4-23	do	79.3	9-27	do	69.7
5-27	do	77.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
FRENCHMAN RIVER						
Wauneta Power Plant—Sec. 11-5-36 W.						
10- 8	D. B. Ender	95.2		7- 7	D. B. Ender	73.6
FRENCHMAN RIVER						
Above Krotter Dam at Palisade—Sec. 32-5-33 W.						
7- 7	D. B. Ender	17.1				
FRENCHMAN RIVER						
Below Krotter Dam at Palisade—Sec. 32-5-33 W.						
7- 7	D. B. Ender	17.4				
GILES CREEK						
Tilden—Sec. 13-24-5 W.						
7-16	D. E. Olson	0.3		9-17	D. E. Olson	0.3
GORDON CREEK						
Valentine—Sec. 30-33-28 W.						
10-13	A. C. Hilpert	5.1	3-23	A. C. Hilpert		8.8
10-31	do	3.6	5-15	do		7.7
12-11	do	5.9	6- 4	do		6.3
12-29	do	6.4	7- 3	do		8.1
2- 6	do	4.5	7-17	do		3.7
2-25	do	5.5	9-21	C. E. Franklin		5.4
GRACIE CREEK						
Near Valley View—Sec. 31-23-17 W.						
4-19	D. E. Olson	5.2	8-23	D. E. Olson		6.1
6-23	do	6.1				
GRAVEL CREEK						
Sec. 9-14-36 W.						
10-14	E. S. Kimmel	3.5	4-14	Melvin Kleen		2.2
11- 6	Melvin Kleen	2.2	4-20	C. E. Franklin		2.5
12- 9	do	2.5	5-25	do		2.9
1- 8	do	2.3	7- 2	do		1.9
2- 4	do	2.1	7-10	do		2.6
3-26	do	2.3	9-17	A. C. Hilpert		3.0
GRAVEL CREEK						
Near Elyria—Sec. 29-20-14 W.						
10- 1	D. E. Olson	0.0	8-17	D. E. Olson		0.0
4-19	do	.0	9- 6	do		.0
6-23	do	.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
GREENWOOD CREEK						
Mouth—Sec. 26-19-50 W.						
10-17	A. C. Hilpert	2.4		6-22	A. C. Hilpert	0.0
4-20	do	3.0		7- 6	do	.3
5- 5	do	.0		9- 8	C. E. Franklin	.0
5-24	do	2.8		9-16	do	.0
6- 7	do	.0				
HACKBERRY CREEK						
Near Clearwater—Sec. 32-26-7 W.						
7-16	D. E. Olson	0.0		9-17	D. E. Olson	0.0
HADAR CREEK						
Hadar—South Line of Sec. 29-25-1 W.						
7-15	D. E. Olson	0.0		9-16	D. E. Olson	0.0
HAIL CREEK						
Neligh—Sec. 18-25-6 W.						
7-16	D. E. Olson	0.0		9-17	D. E. Olson	0.0
HAINES BRANCH CREEK						
Lincoln—Sec. 4-9-6 E.						
10-10	D. E. Olson	0.1				
HASKELL CREEK						
Ord—Sec. 4-19-14 W.						
10- 1	D. E. Olson	0.1		8-23	D. E. Olson	0.0
4-19	do	.1		9-18	do	.0
6-28	do	.0				
HAT CREEK						
Above Coffee Canal—Sec. 35-33-55 W.						
10- 9	A. C. Hilpert	1.8		6-16	A. C. Hilpert	2.9
10-28	do	2.0		6-30	do	2.1
4-16	do	5.7		9- 4	Franklin-Rasmussen	1.2
6- 1	do	2.1				
HAWTHORNE CREEK						
Arcadia—Sec. 23-17-16 W.						
4- 6	D. E. Olson	0.2		9- 3	D. E. Olson	0.0
8-19	do	.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
HAYS CREEK						
Arcadia—Sec. 5-16-15 W.						
10- 2	D. E. Olson	0.0		7- 8	D. E. Olson	0.0
4- 6	do	.0		9- 3	do	.0
HERSHEY DRAIN						
Sec. 33-14-32 W.						
10- 2	Melvin Kleen	11.4		4-22	Melvin Kleen	18.6
10-15	do	11.7		5- 6	do	13.8
10-31	do	14.0		5-22	do	14.4
11-14	do	13.6		6- 7	do	15.0
12- 3	do	12.7		6-15	do	25.6
12-22	do	14.9		6-22	do	14.8
1- 5	do	13.4		7- 9	do	11.9
1-22	do	13.3		7-26	do	11.9
2- 1	do	13.8		8- 6	do	10.5
2-19	do	16.9		8-17	do	10.0
3- 4	do	15.9		9- 4	do	5.6
3-27	do	16.8		9-15	do	10.4
4-15	do	13.5				
HOBSON'S BRANCH CREEK						
Ceresco—Sec. 32-10-7 E.						
9-27	D. E. Olson	0.0				
HOLT CREEK						
Emmett—South Line of Sec. 21-29-13 W.						
7-12	D. E. Olson	0.1		9-13	D. E. Olson	0.0
HOOPER CREEK						
Near Unadilla—Sec. 32-9-10 E.						
8- 4	D. E. Olson	3.7				
HOOSIER CREEK						
Near Spencer—Sec. 30-34-12 W.						
9-15	D. E. Olson	0.0				
HOPKINS CREEK						
Near Tilden—Sec. 36-25-5 W.						
9-17	D. E. Olson	0.0				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
HORSE CREEK					
Pringle's Ranch—Sec. 23-1-39 W.					
10- 7	D. B. Ender	1.0	6- 3	D. B. Ender	1.2
11-13	do	1.4	6-28	do	.1
12-17	do	1.4	7-15	do	.1
3-17	do	1.7	8-16	do	.2
4-20	do	1.4	9-22	do	1.2
HORSE CREEK					
Near Fullerton—South Line of Sec. 33-15-7 W.					
4-16	D. E. Olson	0.1	9-18	D. E. Olson	0.0
HOWARD CREEK					
Pischelville—Sec. 4-31-7 W.					
7-15	D. E. Olson	0.1	9-15	D. E. Olson	0.0
HOWE CREEK					
Center—Sec. 10-31-5 W.					
7-15	D. E. Olson	0.0	9-16	D. E. Olson	0.3
HUMBUG CREEK					
Pilger—South Line of Sec. 28-24-3 E.					
8- 6	D. E. Olson	0.1	9-28	D. E. Olson	0.1
INDIAN CREEK					
Northport Wye—Sec. 19-20-50 W.					
10-12	J. P. Hansen	11.6	2-22	J. P. Hansen	4.2
10-19	do	11.3	3-30	do	4.2
12-29	do	6.4	4-24	do	3.8
2-17	A. C. Hilpert	2.2			
INDIAN CREEK.					
Sec. 5-32-50 W.					
10-27	A. C. Hilpert	0.1	5-31	A. C. Hilpert	0.2
12-10	do	.0	6-21	do	.1
12-26	do	.1	6-30	do	.2
1-22	do	.0	7-15	do	.2
5-10	do	.3	9-25	Franklin-Rasmussen	.0
INDIAN CREEK					
Max—Sec. 23-2-36 W.					
10- 7	D. B. Ender	2.7	6-28	D. B. Ender	1.9
11-13	do	4.3	7-15	do	1.5
12-17	do	5.4	8-16	do	1.1
4-21	do	4.8	9-23.	do	1.3
6- 4	do	2.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge, Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
INDIAN CREEK					
Beaver Crossing—South Line of Sec. 4-9-1 E.					
10- 9	D. E. Olson	0.1	8- 3	D. E. Olson	47.3
5-14	do	.1	9-27	do	.0
IVES CREEK					
Tilden—Sec. 15-24-5 W.					
7-16	D. E. Olson	0.1	9-17	D. E. Olson	0.2
JIM CREEK					
Above High Line Canal—Sec. 13-33-57 W.					
6-16	A. C. Hilpert	0.2			
KATY CREEK					
Near Cushing—Sec. 14-15-10 W.					
10- 5	D. E. Olson	0.0	8-23	D. E. Olson	0.0
4- 9	do	.0	9-18	do	.0
7- 8	do	.0			
KEEGAN CREEK					
Near Stuart—West Line of Sec. 21-30-15 W.					
7-12	D. E. Olson	0.0	9-13	D. E. Olson	0.0
KEITH-LINCOLN COUNTY DRAIN					
Sarben—Sec. 23-14-35 W.					
10- 8	E. S. Kimmel	0.4	5-22	C. E. Franklin	0.1
12-22	Melvin Kleen	.3	6- 7	do	.3
1-29	do	.2	6-18	do	.9
2-26	do	.0	6-28	do	.1
3-26	do	.0	7-10	do	.4
4-14	do	.1	9-10	A. C. Hilpert	.3
4-20	C. E. Franklin	.1			
KEYA PAHA RIVER					
Near Naper—South Line of Sec. 19-34-14 W.					
7-14	D. E. Olson	28.2	9-14	D. E. Olson	5.0
KINGSLEY DAM SEEPAGE					
Drain at Station 20—Sec. 3-14-38 W.					
10-16	E. S. Kimmel	0.0	4-19	C. E. Franklin	0.0
11-13	Melvin Kleen	.0	5-19	do	.0
12-18	do	.0	6-25	do	.0
1- 8	do	.0	7-12	do	.0
2-17	do	.0	8-25	do	.0
3-19	do	.0	9-16	A. C. Hilpert	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 30—Sec. 3-14-38 W.					
10-16	E. S. Kimmel	0.1	4-19	C. E. Franklin	0.0
11-18	Melvin Kleen	.0	5-19	do	.0
12-18	do	.0	6-25	do	.1
1- 8	do	.0	7-12	do	.0
2-17	do	.0	8-25	do	.1
3-19	do	.0	9-16	A. C. Hilpert	.1
KINGSLEY DAM SEEPAGE					
Drain at Station 40—Sec. 3-14-38 W.					
10-16	E. S. Kimmel	0.0	4-19	C. E. Franklin	0.0
11-18	Melvin Kleen	.0	5-19	do	.0
12-18	do	.0	6-25	do	.0
1- 8	do	.0	7-12	do	.0
2-17	do	.0	8-25	do	.0
3-19	do	.0	9-16	A. C. Hilpert	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 50—Sec. 34-14-38 W.					
10-16	E. S. Kimmel	0.0	4-19	C. E. Franklin	0.0
11-18	Melvin Kleen	.0	5-19	do	.0
12-18	do	.0	6-25	do	.0
1- 8	do	.0	7-12	do	.0
2-17	do	.0	8-24	do	.0
3-19	do	.0	9-16	A. C. Hilpert	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 60—Sec. 34-15-38 W.					
10-16	E. S. Kimmel	2.6	4-19	C. E. Franklin	1.0
11-18	Melvin Kleen	.8	5-19	do	1.0
12-18	do	.8	6-25	do	.6
1- 8	do	.7	7-12	do	.7
2-17	do	1.0	8-25	do	1.2
3-19	do	.7	9-16	A. C. Hilpert	.5
KINGSLEY DAM SEEPAGE					
Drain at Station 70—Sec. 34-15-38 W.					
10-16	E. S. Kimmel	3.7	4-19	C. E. Franklin	5.8
11-18	Melvin Kleen	4.6	5-19	do	4.9
12-18	do	6.0	6-25	do	4.3
1- 8	do	5.2	7-12	do	4.4
2-17	do	3.6	8-25	do	4.9
3-19	do	4.2	9-16	A. C. Hilpert	4.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 80—Sec. 34-15-38 W.					
10-16	E. S. Kimmel	5.0	4-19	C. E. Franklin	9.7
11-18	Melvin Kleen	7.9	5-19	do	9.3
12-18	do	7.9	6-25	do	8.4
1- 8	do	8.2	7-12	do	7.6
2-17	do	7.4	8-25	do	7.1
3-19	do	8.2	9-16	A. C. Hilpert	7.6
KINGSLEY DAM SEEPAGE					
Drain at Station 94—Sec. 34-15-38 W.					
10-16	E. S. Kimmel	0.0	3-19	Melvin Kleen	0.0
11-18	Melvin Kleen	.0	4-19	C. E. Franklin	.0
12-18	do	.0	6-25	do	.0
1- 8	do	.0	7-12	do	.0
2-17	do	.0	8-25	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 100—Sec. 34-15-38 W.					
8-25	C. E. Franklin	0.2	9-16	A. C. Hilpert	0.1
LANE DRAIN					
Sec. 30-23-57 W.					
10-29	J. P. Hansen	3.2	5-14	J. P. Hansen	0.8
2-26	do	.9	6-11	do	1.2
4- 3	do	.8	7-16	do	5.1
4-15	do	.8	8- 5	do	4.1
4-22	do	.6	9- 2	do	7.4
LARABEE CREEK					
Sec. 6-34-44 W.					
10-30	A. C. Hilpert	2.2	5-14	A. C. Hilpert	2.2
12-10	do	2.4	6-18	do	2.1
1-19	do	1.7	9-23	C. E. Franklin	2.4
4-14	do	2.9			
LAUGHING WATER CREEK					
Near Cairns—Sec. 25-32-19 W.					
7-13	D. E. Olson	2.6	9-14	D. E. Olson	1.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LAWRENCE FORK					
Sec. 36-19-52 W.					
10-19	A. C. Hilpert	0.0	6- 8	A. C. Hilpert	0.0
4-20	do	2.8	6-23	do	.3
5- 5	do	.9	7- 7	do	.0
5-24	do	.0			
LEE CREEK					
North Line of Sec. 20-17-16 W.					
10- 2	D. E. Olson	0.0	8-19	D. E. Olson	0.0
4-13	do	.0	9- 3	do	.0
7- 7	do	.0			
LEISY CREEK					
Near Wisner—Sec. 10-23-4 E.					
8- 6	D. E. Olson	0.0	9-28	D. E. Olson	0.0
LILLIAN CREEK					
Walworth—Sec. 1-19-20 W.					
10- 2	D. E. Olson	0.4	6-29	D. E. Olson	0.2
4-20	do	.9	9- 7	do	.3
LIME CREEK					
Near Maskell—Sec. 32-32-4 E.					
8- 7	D. E. Olson	0.1	9-28	D. E. Olson	0.0
LINCOLN COUNTY DRAIN NO. 1					
North Platte—Sec. 30-14-30 W.					
10- 9	Melvin Kleen	62.4	2- 6	Melvin Kleen	37.1
10-15	do	61.5	2-13	do	39.4
10-31	do	52.3	2-19	do	36.9
11-20	do	47.9	3- 6	do	38.2
12- 3	do	42.6	3-17	do	37.5
12-22	do	43.1	3-25	do	36.9
12-30	do	41.7	4- 3	do	34.2
1- 5	do	42.4	4-10	do	35.5
1-19	do	35.3	4-15	do	38.2
1-29	do	38.4			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LINCOLN COUNTY DRAIN NO. 2 Sec. 12-14-33 W.					
10- 8	E. S. Kimmel	4.3	6- 6	C. E. Franklin	2.3
10-31	Melvin Kleen	3.4	6-17	do	5.4
11-14	do	3.4	6-28	do	3.1
12- 3	do	3.2	7-10	do	3.3
1-14	do	2.4	8- 8	do	3.5
2-19	do	1.9	8-24	do	3.1
3-25	do	2.2	9-11	A. C. Hilpert	4.0
4-21	C. E. Franklin	3.8	9-17	do	4.1
5- 8	do	2.3	9-24	do	3.3
5-21	do	2.3			

LINCOLN CREEK

Near Staplehurst—Sec. 14-11-2 E.

5-14	D. E. Olson	11.2	8- 3	D. E. Olson	13.0
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LINCOLN CREEK

Staplehurst—South Line of Sec. 8-11-3 E.

10- 9	D. E. Olson	11.2	9-27	D. E. Olson	7.9
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LODGEPOLE CREEK

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

10- 2	A. C. Hilpert	1.6	3-30	A. C. Hilpert	5.9
10-20	do	2.6	4-21	do	4.5
11-13	do	4.0	5- 6	do	4
12- 3	do	5.6	5-25	Hilpert-Hanna	4.2
12-18	do	4.0	6- 9	do	5.9
1-12	do	3.0	6-24	do	1.2
1-30	do	4.2	7- 8	do	2.9
2-16	do	4.5	9-10	Franklin-Hanna	1.2
3- 5	do	2.2			

LODGEPOLE CREEK

Below Oliver Reservoir—Sec. 11-15-56 W.

10- 2	A. C. Hilpert	1.8	1-30	A. C. Hilpert	4.0
10-20	do	1.2	2-16	do	3.8
11-13	do	1.1	3- 5	do	4.2
12- 3	do	1.8	3-30	do	4.0
12-18	do	1.2	4-21	do	3.7
1-12	do	3.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Kimball—Sec. 29-15-55 W.					
10- 1	A. C. Hilpert	4.8	3- 5	A. C. Hilpert	6.3
10-20	do	4.4	3-30	do	10.5
11-13	do	9.8	5- 6	do	.7
12- 3	do	9.6	5-25	do	12.3
12-18	do	11.1	6- 9	Hilpert-Hanna	9.8
1-12	do	8.7	6-24	do	4.6
1-30	do	10.6	7- 8	A. C. Hilpert	.1
2-16	do	10.6			
LODGEPOLE CREEK					
Below Owasco Canal—Sec. 29-15-55 W.					
9-11	C. E. Franklin	0.1			
LODGEPOLE CREEK					
Above Bennett Reservoir—Sec. 28-15-55 W.					
10- 1	A. C. Hilpert	4.5	7- 8	Hilpert-Hanna	0.2
6- 9	Hilpert-Hanna	8.1			
LODGEPOLE CREEK					
Below Bennett Reservoir—Sec. 22-15-55 W.					
1-12	A. C. Hilpert	16.1			
LODGEPOLE CREEK					
Dix—Sec. 26-15-54 W.					
10- 2	A. C. Hilpert	0.0	3- 5	A. C. Hilpert	1.0
10-20	do	.0	3-30	do	5.4
11-13	do	.2	5- 6	do	.8
12- 3	do	1.0	5-25	do	2.4
12-18	do	4.6	6-10	do	.8
1-12	do	.5	6-25	do	.0
1-29	do	1.2	7- 9	do	.0
2-16	do	12.6	9-11	C. E. Franklin	.0
LODGEPOLE CREEK					
Potter—Sec. 6-14-52 W.					
10- 2	A. C. Hilpert	0.0	3- 5	A. C. Hilpert	0.0
10-20	do	.0	3-30	do	.0
11-13	do	.0	5- 6	do	.0
12- 3	do	.0	6-10	do	.0
12-18	do	.0	6-25	do	.0
1-12	do	.0	7- 9	do	.0
1-29	do	.0	9-11	C. E. Franklin	.0
2-16	do	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Sidney—Sec. 31-14-49 W.					
10- 2	A. C. Hilpert	0.5	3- 5	A. C. Hilpert	1.0
10-20	do	.6	3-31	do	1.3
11-13	do	.6	5- 6	do	.9
12- 4	do	1.5	5-25	do	1.3
12-18	do	.4	6-10	do	2.0
1-12	do	1.2	6-25	do	.7
1-29	do	1.2	7- 9	do	2.1
2-16	do	1.1	9-12	C. E. Franklin	.2
LODGEPOLE CREEK					
Above Krueger Canal—Sec. 31-14-48 W.					
8-26	C. E. Franklin	3.1	8-30	C. E. Franklin	3.1
LODGEPOLE CREEK					
Below Krueger's Lake—Sec. 29-14-48 W.					
10- 2	A. C. Hilpert	5.4	3- 5	A. C. Hilpert	4.0
10-20	do	5.6	3-31	do	5.0
11-19	do	4.6	5- 7	do	.2
12- 4	do	5.8	5-26	do	1.1
12-18	do	5.1	6-11	do	7.0
1-12	do	6.1	6-25	do	.1
1-29	do	3.4	7- 9	do	2.5
2-16	do	6.3	9-13	C. E. Franklin	.2
LODGEPOLE CREEK					
Rock Pile—NE corner of Sec. 33-14-48 W.					
10- 2	A. C. Hilpert	4.9	1-12	A. C. Hilpert	5.4.
10-20	do	5.4	5- 7	do	4.1
11-19	do	4.5			
LODGEPOLE CREEK					
South of Sunol—Sec. 36-14-48 W.					
10- 3	A. C. Hilpert	4.5	3-31	A. C. Hilpert	3.2
11-19	do	5.4	5- 7	do	2.4
12- 4	do	5.0	5-26	do	2.8
12-18	do	4.0	6-11	do	1.9
1-12	do	3.8	6-25	do	2.5
1-29	do	2.7	7- 9	do	4.1
2-15	do	3.2	9-13	C. E. Franklin	.8
3- 4	do	3.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOGEPOLE CREEK					
Lodgepole—Sec. 30-14-46 W.					
10- 3	A. C. Hilpert	1.7	3- 4	A. C. Hilpert	7.3
10-21	do	9.4	3-31	do	1.9
11-19	do	8.5	5- 7	do	5.6
12- 4	do	7.5	5-26	do	6.1
12-17	do	9.4	6-11	do	14.8
1-11	do	12.8	6-26	do	4.0
1-29	do	2.0	7- 9	do	.4
2-15	do	12.3	9-13	C. E. Franklin	.5
LOGEPOLE CREEK					
Chappell—Sec. 21-13-45 W.					
10- 3	A. C. Hilpert	4.5	3- 4	A. C. Hilpert	8.2
10-21	do	11.5	3-31	do	8.5
11-19	do	14.6	5- 7	do	1.7
12- 4	do	14.4	5-26	do	11.9
12-17	do	15.1	6-11	do	23.4
1-11	do	19.7	6-25	do	8.6
1-29	do	14.1	7- 9	do	.6
2-15	do	13.2	9-15	C. E. Franklin	.1
LOGEPOLE CREEK					
Interstate Station at Ralton—Sec. 12-12-45 W.					
10- 3	A. C. Hilpert	8.9	3- 4	A. C. Hilpert	18.6
10-21	do	11.3	3-31	do	14.7
11-19	do	16.5	5- 7	do	5.8
12- 4	do	19.6	5-26	do	14.4
12-17	do	19.2	6-11	do	19.4
1-11	do	18.8	6-25	do	8.3
1-29	do	12.0	7- 9	do	1.5
2-15	do	16.4	9-15	C. E. Franklin	1.1
LOGAN CREEK, MIDDLE					
Laurel—Sec. 32-29-3 E.					
8- 7	D. E. Olson	3.6	9-28	D. E. Olson	4.7
LOGAN CREEK, OLD					
Lyons—Sec. 26-23-8 E.					
9-28	D. E. Olson	0.0			
LOGAN CREEK, SOUTH					
Near Wayne—Sec. 23-26-3 E.					
8- 7	D. E. Olson	0.0	9-28	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LONERGAN CREEK					
Lemoyne—Sec. 19-15-39 W.					
10- 7	E. S. Kimmel	4.8	4-30	C. E. Franklin	7.8
11- 5	J. P. Hansen	5.3	5-25	do	5.3
12-18	do	5.6	6-25	do	5.4
12-31	do	6.0	7-14	do	4.7
2-19	A. C. Hilpert	5.7	8-10	do	5.2
3-23	J. P. Hansen	6.3	8-25	do	5.8
4- 7	E. S. Kimmel	6.5	9- 9	A. C. Hilpert	5.4
4-18	C. E. Franklin	6.0	9-22	do	5.7
LONG PINE CREEK					
North of Riverview—North Line of Sec. 34-32-20 W.					
7-13	D. E. Olson	94.0	9-14	D. E. Olson	88.8
LONE TREE CREEK					
Ruby—Sec. 16-10-3 E.					
9-27	D. E. Olson	0.0			
LOOKING GLASS CREEK					
Monroe—Sec. 1-17-3 W.					
4-16	D. E. Olson	5.2			
LOOKING GLASS CREEK					
Near Genoa—Sec. 5-17-3 W.					
4-16	D. E. Olson	7.0	9-17	D. E. Olson	6.4
LOOKING GLASS CREEK CUT-OFF					
Genoa—Sec. 8-17-3 W.					
4-16	D. E. Olson	7.3	9-17	D. E. Olson	7.0
LOST CREEK					
Near Schuyler—Sec. 18-17-4 E.					
4-17	D. E. Olson	3.7			
LOST CREEK					
Sec. 1-16-44 W.					
10- 6	E. S. Kimmel	0.0	7-26	Franklin-Kimmel	0.0
10-16	do	.0	9-25	A. C. Hilpert	.3
LOST CREEK					
Near Naper—South Line of Sec. 13-34-16 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date		

LOST CREEK

Near Santee—Sec. 8-32-5 W.

7-15	D. E. Olson	0.0	9-16	D. E. Olson	0.0
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LOUP RIVER, MIDDLE

Dunning—Sec. 33-22-24 W.

10- 7	D. E. Olson	333	7-27	D. E. Olson	362
5- 4	do	371	8-18	do	343
5-18	do	405	9- 2	do	360
6-29	do	359	9-22	do	363

LOUP RIVER, MIDDLE

Walworth—Sec. 1-19-20 W.

10- 2	D. E. Olson	804	4-12	D. E. Olson	1220
10- 8	do	827	4-20	do	814
10-14	do	807	4-26	do	807
10-21	do	842	5- 4	do	724
11- 4	do	824	5-11	do	756
11-11	do	781	5-18	do	697
11-24	do	874	6-24	do	701
12-15	do	856	6-30	do	709
12-29	C. V. Burns	776	7- 7	do	806
1-13	do	739	7-14	Burns-Shimosaki	625
1-21	Burns-Lewis	482	7-20	D. E. Olson	708
1-27	C. V. Burns	589	7-28	do	610
2- 2	D. E. Olson	808	8-19	do	665
2-17	do	844	8-24	do	675
3- 4	do	815	9- 3	do	632
3-10	do	754	9- 7	do	734
3-23	do	1080	9-14	Albert-Hartley	746
3-29	do	828	9-23	D. E. Olson	758
4- 5	do	747			

LOUP RIVER, MIDDLE

Rockville—Sec. 8-13-13 W.

8-14	D. E. Olson	541	9-10	D. E. Olson	718
8-20	do	414	9-14	C. B. Albert	710
8-26	Olson-Lewis	420	9-25	D. E. Olson	705
8-30	D. E. Olson	566			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LOUP RIVER, MIDDLE					
Boelus—Sec. 29-13-12 W.					
10- 6	D. E. Olson	171	4- 1	D. E. Olson	347
10-12	do	167	4- 8	do	117
10-19	do	220	4-14	do	546
11- 3	do	143	4-22	do	119
11- 9	do	218	4-23	do	115
11-20	do	278	5- 6	do	72
11-27	do	980	5-13	do	317
12-11	C. V. Burns	410	5-21	do	614
12-15	D. E. Olson	772	6-25	do	491
12-30	C. V. Burns	391	7- 2	do	99
1-14	do	1100	7- 9	do	696
2-12	D. E. Olson	675	7-15	Burns-Shimosaki	45
2-13	do	773	7-21	D. E. Olson	42
2-24	do	1500	8-14	do	41
3-19	do	834	8-30	do	24
3-26	do	469	9-25	do	32
LOUP RIVER, SOUTH					
St. Michael—Sec. 12-12-13 W.					
8-20	D. E. Olson	95	9-10	D. E. Olson	123
8-26	Olson-Lewis	83	9-14	C. B. Albert	130
8-30	D. E. Olson	131	9-25	D. E. Olson	116
9- 4	do	881			
LOUSE CREEK					
Redbird—Sec. 12-32-10 W.					
7-14	D. E. Olson	2.1	9-15	D. E. Olson	3.6
LUCK CREEK					
Near Riverview—South Line Sec. 16-32-20 W.					
7-13	D. E. Olson	0.0	9-13	D. E. Olson	0.0
McGILL CREEK					
Near Norden—Sec. 25-33-24 W.					
7-12	D. E. Olson	0.0	9-13	D. E. Olson	0.0
MAPLE CREEK					
Near Nickerson—West Line of Sec. 11-18-8 E.					
8- 6	D. E. Olson	0.3	9-29	D. E. Olson	0.0
MEDICINE CREEK					
Maywood—Sec. 16-8-29 W.					
4-10	D. B. Ender	34.8	7-28	D. B. Ender	10.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
MEDICINE CREEK						
Below Maywood—Sec. 25-8-29 W.						
4-10	D. B. Ender	86.8		7-28	D. B. Ender	7.6
MELBETA DRAIN						
One-half Mile West of Melbeta Bridge—Sec. 13-21-54 W.						
10-28	J. P. Hansen	2.5		4-16	J. P. Hansen	2.4
2-22	do	1.5		4-21	do	1.5
3-30	do	1.5				
MESKENTHINE CREEK						
Stanton—Sec. 20-23-2 E.						
8-6	D. E. Olson	0.0		9-28	D. E. Olson	0.0
MESSENGER CREEK						
Sumter—Sec. 26-19-13 W.						
10-13	D. E. Olson	0.1		8-23	D. E. Olson	0.0
4-19	do	.2		9-13	do	.0
6-28	do	.1				
MIDDLE CREEK						
Lincoln—Sec. 28-10-6 E.						
10-10	D. E. Olson	0.2				
MIDDLE CREEK, EAST						
Near Norden—East Line of Sec. 29-33-23 W.						
7-12	D. E. Olson	0.0		9-13	D. E. Olson	0.0
MIDDLE CREEK, WEST						
Norden—Sec. 29-33-23 W.						
7-12	D. E. Olson	0.0		9-13	D. E. Olson	0.1
MILLER BRANCH CREEK						
Near Wahoo—Sec. 8-14-7 E.						
8-5	D. E. Olson	0.0		9-27	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MINNECHADUZA CREEK					
Near Valentine—Sec. 23-34-29 W.					
10-12	A. C. Hilpert	17.0	4- 9	A. C. Hilpert	46.2
11- 9	do	18.6	5-14	do	18.5
11-25	do	20.9	6- 5	do	70.3
12-12	do	19.5	6-18	do	42.3
12-28	do	21.4	7- 5	do	29.9
1-21	do	14.2	7-16	do	11.5
2- 8	do	23.0	8-24	do	8.9
2-24	do	27.3	9-22	C. E. Franklin	8.7
3-24	do	40.3			
MINNOW CREEK					
Jackson—Sec. 14-27-8 E.					
8- 7	D. E. Olson	0.1			
MIRA CREEK					
North Loup—Sec. 26-18-13 W.					
4- 5	D. E. Olson	0.5	8-17	D. E. Olson	0.1
MONROE CREEK					
Above Reservoir—Sec. 14-33-56 W.					
10- 9	A. C. Hilpert	0.2	6- 1	A. C. Hilpert	0.2
10-29	do	.2	6-16	do	.2
4-16	do	1.0	6-30	do	.4
5-12	do	.1			
MONROE CREEK					
Below Monroe Canal—Sec. 33-33-56 W.					
10- 9	A. C. Hilpert	0.0	6- 1	A. C. Hilpert	0.0
10-29	do	.0	6-16	do	1.3
2-27	do	.0	6-30	do	.9
4-16	do	.0	9- 4	Franklin-Rasmussen	1.0
5-12	do	.0			
MOON CREEK					
Loup City—Sec. 10-15-15 W.					
4-14	D. E. Olson	0.1	8-24	D. E. Olson	0.0
6-25	do	.1	9-25	do	.0
MORGAN CREEK					
Winnebago—Sec. 11-26-8 E.					
8- 7	D. E. Olson	0.0	9-28	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MORSE CREEK					
Near Naper—Sec. 23-34-16 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0
MOSQUITO CREEK					
Near Memphis—Sec. 18-13-9 E.					
8-10	D. E. Olson	0.1			
MUD CREEK					
Near Spalding—East Line Sec. 24-20-9 W.					
4-29	D. E. Olson	0.0			
MUDDY CREEK					
Hazard—Sec. 29-13-15 W.					
4-22	D. E. Olson	27.4			
MULESHOE CREEK					
Near Norden—Sec. 22-33-24 W.					
7-12	D. E. Olson	0.1	9-13	D. E. Olson	0.1
MUNSON CREEK					
Elba—Sec. 33-16-11 W.					
4-6	D. E. Olson	0.2	9-1	D. E. Olson	0.0
6-28	do	.1	9-21	do	.1
8-23	do	.1			
NIOBRARA RIVER					
Wyoming-Nebraska State Line—Sec. 20-31-58 W.					
10-9	A. C. Hilpert	4.3	4-16	A. C. Hilpert	8.0
10-29	do	5.3	5-18	do	8.2
12-9	do	3.6	6-2	do	9.3
12-23	do	5.5	6-17	do	10.9
2-10	do	3.6	7-1	do	6.8
2-27	do	6.9	9-4	Franklin-Rasmussen	4.0
3-26	do	139.0	9-27	C. E. Franklin	5.0
NIOBRARA RIVER					
South of Harrison—Sec. 9-29-56 W.					
10-9	A. C. Hilpert	7.4	6-2	A. C. Hilpert	12.3
10-29	do	11.8	6-17	do	12.1
12-9	do	12.1	7-1	do	11.9
12-23	do	10.4	9-5	Franklin-Rasmussen	5.6
2-10	do	3.2	9-27	C. E. Franklin	5.4
5-18	do	10.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIOBRARA RIVER					
Agate—Sec. 7-28-55 W.					
10-10	A. C. Hilpert	8.0	4-16	A. C. Hilpert	33.0
10-29	do	9.2	5-18	do	18.0
12- 9	do	21.4	6- 2	do	21.7
12-23	do	24.0	6-17	do	16.5
1-22	do	25.8	7- 1	do	14.6
2-10	do	18.5	9- 5	Franklin-Rasmussen	6.0
2-27	do	27.8	9-28	C. E. Franklin	10.8
3-27	do	352.0			
NIOBRARA RIVER					
Below Mouth of Whistle Creek—Sec. 7-28-53 W.					
10-10	A. C. Hilpert	4.3	4-16	A. C. Hilpert	43.7
10-29	do	14.5	5-18	do	36.7
12- 9	do	32.5	6- 2	do	14.0
12-23	do	33.0	6-17	do	15.5
2-10	do	47.4	7- 1	do	12.4
2-27	do	39.7	9- 5	Franklin-Rasmussen	6.8
3-27	do	543.0	9-28	C. E. Franklin	6.4
NIOBRARA RIVER					
East of Marsland—Sec. 36-29-51 W.					
10-10	A. C. Hilpert	16.7	5-18	A. C. Hilpert	52.8
10-29	do	31.5	6- 2	do	25.2
12- 9	do	36.7	6-17	do	28.9
2-10	do	44.5	7- 1	do	22.0
2-27	do	49.6	9- 5	Franklin-Rasmussen	12.2
3-27	do	81.2	9-28	C. E. Franklin	10.7
4-16	do	67.0			
NIOBRARA RIVER					
Dunlap—Sec. 27-29-48 W.					
10- 5	A. C. Hilpert	30.1	2-22	A. C. Hilpert	71.3
10-15	do	45.7	3-25	do	147.0
10-23	do	44.0	4- 7	do	106.0
11-10	do	40.2	5- 8	do	48.6
11-23	do	43.0	5-28	do	50.6
11-27	do	48.6	6-14	do	87.3
12- 7	do	65.2	6-22	do	37.2
12-22	do	61.9	6-28	do	39.7
1- 2	do	60.8	7- 6	do	28.1
1-14	do	57.6	7-13	do	35.2
2- 2	do	61.7	8-26	do	21.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
NIOBRARA RIVER						
Camp Felton—Sec. 29-29-49 W.						
9- 1	Franklin-Collins	14.0		9-17	C. E. Franklin	15.0
NIOBRARA RIVER						
South of Gordon—Sec. 15-31-41 W.						
10-12	A. C. Hilpert	114		4-14	A. C. Hilpert	317
10-30	do	175		5-17	do	236
11-24	do	151		6- 3	do	219
12-10	do	172		6-18	do	157
12-30	do	193		7- 2	do	94
1-21	do	117		7-16	do	96
2- 5	do	146		9- 3	C. E. Franklin	83
2-24	do	186		9-22	do	77
3-22	do	242				
NIOBRARA RIVER						
Valentine—Sec. 28-33-28 W.						
10-13	A. C. Hilpert	720		5-15	A. C. Hilpert	1020
10-31	do	773		6- 4	do	913
11-25	do	815		6-19	do	761
12-29	do	735		7- 3	do	1050
2- 6	do	823		7-17	do	712
2-25	do	852		8-23	do	603
3-23	do	1240		9-21	C. E. Franklin	621
4-13	do	1250				
NIOBRARA RIVER						
Below Dam at Valentine—Sec. 22-34-27 W.						
10-13	A. C. Hilpert	745		5-17	A. C. Hilpert	1000
10-31	do	859		6- 4	do	928
12-11	do	838		6-19	do	751
12-29	do	854		7- 3	do	1200
2-25	do	995		7-17	do	700
3-23	do	1460		8-23	do	720
4-13	do	1330		9-20	C. E. Franklin	666
NIOBRARA RIVER						
Spencer—Sec. 30-33-11 W.						
7-14	D. E. Olson	934		9-22	Burns-Hartley	838
NORTH OMAHA CREEK						
Near Walthill—Sec. 2-25-8 E.						
8- 7	D. E. Olson	0.0		9-23	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NORTH TABLE CREEK					
Near Nebraska City—Sec. 6-8-14 E.					
8- 4	D. E. Olson	0.0			
NORWEIGAN BOW CREEK					
Hartington—Sec. 26-31-1 E.					
8- 7	D. E. Olson	0.2	9-28	D. E. Olson	0.0
OAK CREEK					
Near Nysted—Sec. 5-13-11 W.					
4- 8	D. E. Olson	1.4	8-14	D. E. Olson	0.3
7- 9	do	.2			
OAK CREEK					
Near Nysted—West Line of Sec. 17-13-11 W.					
7- 9	D. E. Olson	0.0	8-14	D. E. Olson	0.0
OAK CREEK					
Mariaville—Sec. 6-32-18 W.					
7-13	D. E. Olson	0.1.	9-14	D. E. Olson	0.1
OAK CREEK					
Dannebrog—West Line of Sec. 9-13-11 W.					
4- 8	D. E. Olson	0.8			
OAK CREEK					
West Lincoln—West Line of Sec. 16-10-6 E.					
10-10	D. E. Olson	0.5	9-27	D. E. Olson	0.3
OMAHA CREEK					
Homer—West Line of Sec. 1-27-8 E.					
8- 7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
O'NEILL VALLEY CREEK					
Near Albion—Sec. 25-20-6 W.					
4-29	D. E. Olson	0.0	9-17	D. E. Olson	0.0
OTOE CREEK					
Near Yutan—Sec. 36-15-9 E.					
9-29	D. E. Olson	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date			Sec.-ft.
OTTER CREEK					
Lemoyne—Sec. 9-15-40 W.					
10- 7	E. S. Kimmel	21.3	4-30	C. E. Franklin	19.0
11- 4	J. P. Hansen	18.4	5-25	do	20.0
12- 5	do	19.0	6-25	do	17.6
12-17	do	19.7	7-14	do	20.6
12-31	do	19.5	8-10	do	20.8
2-19	A. C. Hilpert	22.0	8-25	do	18.9
3-25	J. P. Hansen	19.6	9- 9	A. C. Hilpert	22.3
4- 7	E. S. Kimmel	21.7	9-22	do	22.5
4-18	C. E. Franklin	20.1			
PAWNEE CREEK					
Sec. 4-12-27 W.					
10- 1	Melvin Kleen	6.1	4-23	Melvin Kleen	6.2
10-10	do	4.8	5- 5	do	6.3
10-16	do	4.8	5-13	do	6.2
10-28	do	5.6	5-24	do	3.0
11-12	do	6.0	6- 5	do	.7
11-19	do	6.8	6-12	do	2.2
12- 4	do	4.5	6-16	do	11.2
12-21	do	8.5	6-25	do	3.2
1- 4	do	4.8	7-13	do	.8
1-15	do	12.8	7-21	do	.6
2- 2	do	6.7	7-30	do	.0
2-18	do	13.0	8-13	do	2.6
2-27	do	8.8	8-26	do	1.8
3-13	do	9.4	9- 3	do	.2
3-24	do	8.2	9-15	Lewis-Jones	.5
4- 7	do	7.3	9-18	Melvin Kleen	.2
4-13	do	19.9	9-27	do	.2
PEARL CREEK					
Near Hartington—Sec. 12-30-1 E.					
8- 7	D. E. Olson	0.2	9-28	D. E. Olson	3.1
PEBBLE CREEK					
Scribner—Sec. 4-19-7 E.					
8- 6	D. E. Olson	6.9	9-29	D. E. Olson	2.4
PEBBLE CREEK					
Near Burwell—Sec. 10-21-16 W.					
4-12	D. E. Olson	0.2	9-21	D. E. Olson	0.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PERRIN CREEK					
Near Laurel—Sec. 32-29-3 E.					
8-7	D. E. Olson	4.4	9-28	D. E. Olson	4.4
PETERSON CREEK					
Near Oakdale—Sec. 8-21-8 E.					
9-29	D. E. Olson	0.0			
PIGEON CREEK					
Homer—Sec. 34-28-8 E.					
8-7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
PINE CREEK					
Colclessor Mill—Sec. 33-30-44 W.					
10-12	A. C. Hilpert	19.5	6-3	A. C. Hilpert	39.3
11-24	do	24.9	7-2	do	16.3
12-28	do	21.6	9-23	C. E. Franklin	12.9
PISCHEL CREEK,					
Pischelville—Sec. 26-32-8 W.					
7-15	D. E. Olson	0.0	9-15	D. E. Olson	0.0
PLATTE RIVER BELOW TRI-COUNTY DIVERSION					
Sec. 8-13-29 W.					
8-9	Melvin Kleen	1250	9-16	Lewis-Jones-Kleen	81
8-31	do	102			
PLEASANT RUN CREEK					
Stanton—Sec. 25-23 ¹ -1 E.					
8-6	D. E. Olson	0.0	9-28	D. E. Olson	0.0
PLUM CREEK					
U. P. R. R. Bridge—Sec. 10-19-49 W.					
10-3	E. S. Kimmel	0.0	10-10	E. S. Kimmel	0.0
PLUM CREEK					
Near Meadville—Sec. 11-32-22 W.					
7-12	D. E. Olson	74.0	9-13	D. E. Olson	75.7
PLUM CREEK					
Near Fullerton—Sec. 33-17-5 W.					
4-16	D. E. Olson	0.2	9-17	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PLUM CREEK					
Seward—Sec. 21-11-3 E.					
5-14	D. E. Olson	0.1	9-29	D. E. Olson	0.0
8- 3	do	.2			
PLUM CREEK					
Near Beemer—South Line of Sec. 4-22-6 E.					
8- 6	D. E. Olson	0.1	9-29	D. E. Olson	0.1
PONCA CREEK					
At Verdel—East Line of Sec. 25-33-8 W.					
7-14	D. E. Olson	10.0	9-15	D. E. Olson	0.3
POWDER CREEK					
Near Newcastle—Sec. 3-30-5 E.					
8- 7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
PRAIRIE CREEK					
Silver Creek—Sec. 17-16-2 W.					
4-17	D. E. Olson	2.5			
PRAIRIE DOG CREEK					
Near Kansas-Nebraska Line—Sec. 32-1-18 W.					
9-20	D. B. Ender	1.5			
PRAIRIE DOG CREEK					
Below D-508, Schilt-Prairie Dog Canal—Sec. 35-33-56 W.					
10- 9	A. C. Hilpert	0.0	5-12	A. C. Hilpert	0.0
10-29	do	.0	6-16	do	.0
2-27	do	.0	6-30	do	.0
4-16	do	.0	9- 4	Franklin-Rasmussen	.0
PROSSER CREEK					
Near Riverview—Sec. 24-33-20 W.					
7-13	D. E. Olson	0.0	9-13	D. E. Olson	0.0
PUMPKINSEED CREEK					
Below Peters Canal—Sec. 2-19-56 W.					
3-30	A. C. Hilpert	3.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Hydrographer	Discharge Sec.-ft.
		Sec.-ft.	Date		
PUMPKINSEED CREEK					
Above Schnell Canal—Sec. 2-19-56 W.					
10- 1	A. C. Hilpert	2.0	3-30	A. C. Hilpert	3.0
10-19	do	2.7			
PUMPKINSEED CREEK					
Below Schnell Canal—Sec. 1-19-56 W.					
3-30	A. C. Hilpert	4.0			
PUMPKINSEED CREEK					
Below Logan Canal—Sec. 7-19-55 W.					
4- 5	J. P. Hansen	0.5	6- 9	A. C. Hilpert	2.4
4-20	A. C. Hilpert	1.4	6-23	do	2.6
5- 5	do	1.6	7- 7	do	3.9
5-24	do	3.0			
PUMPKINSEED CREEK					
Above Scott Reservoir—Sec. 12-19-56 W.					
4- 5	J. P. Hansen	5.0	6- 8	A. C. Hilpert	3.6
4-20	A. C. Hilpert	.2	6-23	do	3.0
5- 5	do	.5	7- 7	do	1.3
5-24	do	5.3			
PUMPKINSEED CREEK					
Below Scott Reservoir—Sec. 7-19-55 W.					
10- 1	A. C. Hilpert	3.2	5- 5	A. C. Hilpert	0.6
10-19	do	5.9	5-24	do	6.0
4- 5	J. P. Hansen	1.6	6- 8	do	2.3
4-20	A. C. Hilpert	.8	7- 7	do	2.3
PUMPKINSEED CREEK					
Gering-Kimball Highway—Sec. 4-19-55 W.					
10- 1	A. C. Hilpert	3.5	3-30	A. C. Hilpert	2.4
10-19	do	4.9	9-10	C. E. Franklin	.3
PUMPKINSEED CREEK					
Above Heard Canal—North Line of Sec. 14-19-54 W.					
10- 1	A. C. Hilpert	12.5	6- 8	A. C. Hilpert	3.6
4-20	do	7.1	6-23	do	3.3
5-24	do	3.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PUMPKINSEED CREEK					
North of Redington—Sec. 24-19-52 W.					
10-19	A. C. Hilpert	15.2	6- 8	A. C. Hilpert	14.3
4-20	do	20.0	6-23	do	17.3
5- 5	do	9.9	7- 7	do	11.8
5-24	do	14.4			
PUMPKINSEED CREEK					
Highway No. 88, 5 Miles South of Bridgeport—Sec. 28-19-50 W.					
10-17	A. C. Hilpert	14.4	6- 7	A. C. Hilpert	27.1
10-27	J. P. Hansen	32.0	6-22	do	30.4
4-20	A. C. Hilpert	25.9	7- 7	do	7.8
5- 5	do	4.8	7-12	do	7.6
5-24	do	14.8			
RAWHIDE CREEK					
Near Waterloo—Sec. 16-16-10 E.					
8- 9	D. E. Olson	6.3	9-29	D. E. Olson	5.1
RAWHIDE CUT-OFF					
Elk City—West Line of Sec. 4-16-10 E.					
8- 9	D. E. Olson	0.5	9-29	D. E. Olson	0.0
REDBIRD CREEK					
At Redbird—East Line of Sec. 11-32-10 W.					
7-14	D. E. Olson	3.2	9-15	D. E. Olson	7.4
RED CREEK, LITTLE					
Below Zerbst Canal—Sec. 34-33-56 W.					
10- 9	A. C. Hilpert	0.0	5-12	A. C. Hilpert	0.0
10-29	do	.0	6-16	do	.0
2-27	do	.0	6-30	do	.0
4-16	do	.0	9- 4	Franklin-Rasmussen	.0
REPUBLICAN RIVER, NORTH FORK					
Benkelman—Sec. 19-1-37 W.					
10- 7	D. B. Ender	66.3	6-28	D. B. Ender	0.0
11-12	do	115.0	7-15	do	.0
12-17	do	136.0	8-16	do	6.0
4-21	do	90.0	9- 9	do	.0
6- 4	do	24.4	9-23	do	13.9

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
REPUBLICAN RIVER					
McCook—Sec. 32-3-29 W.					
6-26	D. B. Ender	41.8	8-13	D. B. Ender	0.0
REPUBLICAN RIVER					
West of Orleans—Sec. 19-1-19 W.					
8- 3	D. B. Ender	1.0	9- 2	D. B. Ender	0.0
8-20	do	.0			
RICKMAN CREEK					
Near Riverview—South Line of Sec. 15-32-20 W.					
7-13	D. E. Olson	0.0	9-13	D. E. Olson	0.0
ROCK CREEK					
Near Meadville—Sec. 12-32-22 W.					
7-12	D. E. Olson	0.1	9-13	D. E. Olson	0.3
ROCK CREEK					
Near Mariaville—Sec. 29-32-18 W.					
7-13	D. E. Olson	4.1	9-14	D. E. Olson	3.7
ROCK CREEK					
Near Rockville—Sec. 5-13-13 W.					
4- 8	D. E. Olson	0.0	9-25	D. E. Olson	0.0
8-20	do	.0			
ROCK CREEK					
Near Palmer—Sec. 7-15-8 W.					
10- 5	D. E. Olson	0.0	9-18	D. E. Olson	0.0
4-16	do	.2			
ROCK CREEK					
Beemer—Sec. 4-22-5 E.					
8- 6	D. E. Olson	9.5	9-28	D. E. Olson	8.7
ROCK CREEK					
Greenwood—Sec. 35-12-8 E.					
8-10	D. E. Olson	7.5			
RUSSELL CREEK					
Unadilla—Sec. 10-8-10 E.					
8- 4	D. E. Olson	0.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SAINT CLAIR CREEK					
Near Oakdale—Sec. 9-24-5 W.					
7-16	D. E. Olson	0.1	9-17	D. E. Olson	0.0
SALT CREEK					
Ashland—West Line of Sec. 10-12-9 E.					
8-5	D. E. Olson	131.0	9-29	D. E. Olson	38.7
SAND CREEK					
Sec. 10-15-40 W.					
10-7	E. S. Kimmel	3.5	4-30	C. E. Franklin	4.4
11-5	J. P. Hansen	2.2	5-25	do	3.6
12-5	do	3.5	6-25	do	3.0
12-18	do	3.5	7-14	do	2.5
12-31	do	3.4	8-10	do	3.6
2-19	A. C. Hilpert	3.6	8-25	do	4.0
3-25	J. P. Hansen	3.6	9-9	A. C. Hilpert	3.8
4-7	E. S. Kimmel	4.9	9-22	do	3.8
4-18	Franklin-Kimmel	4.4			
SAND CREEK					
Near Poole—Sec. 5-11-15 W.					
4-22	D. E. Olson	0.0			
SAND CREEK					
Wahoo—Sec. 2-14-7 E.					
8-5	D. E. Olson	2.0	9-27	D. E. Olson	0.2
SAND CREEK					
Near Wisner—Sec. 34-24-4 E.					
8-6	D. E. Olson	0.0	9-28	D. E. Olson	0.0
SANDY CREEK, BIG					
Near Butte—Sec. 12-33-14 W.					
7-14	D. E. Olson	29.1			
SANDY CREEK, LITTLE					
Near Butte—Sec. 18-33-13 W.					
7-14	D. E. Olson	3.4			
SAPPA CREEK—					
Stamford—Sec. 26-2-21 W.					
8-11	D. B. Ender	3.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SARBEN SLOUGH					
Sec. 20-14-35 W.					
10- 8	E. S. Kimmel	4.5	6-18	C. E. Franklin	6.1
11- 6	Melvin Kleen	4.6	6-28	do	2.5
12- 9	do	4.6	7-11	do	3.4
1- 8	do	4.5	7-22	Franklin-Kimmel	3.5
2- 4	do	4.5	8- 8	C. E. Franklin	3.4
3-26	do	5.4	8-21	do	3.5
4-14	do	6.3	9- 2	E. S. Kimmel	3.8
4-20	C. E. Franklin	5.5	9-10	A. C. Hilpert	5.1
5-22	do	3.7	9-17	do	4.5
6- 7	do	3.7	9-23	do	3.9
SCHINDLER CREEK					
Pishelville—Sec. 11-31-7 W.					
7-15	D. E. Olson	0.1	9-15	D. E. Olson	0.2
SCOTTSBLUFF DRAIN NO. 1					
Sec. 25-22-55 W.					
10-13	J. P. Hansen	11.6	3-16	J. P. Hansen	5.1
10-28	do	10.1	4- 2	do	4.4
2-10	do	6.6	4-13	do	4.8
2-24	do	7.6	4-21	do	3.4
SCOTTSBLUFF DRAIN NO. 2					
Sec. 34-22-54 W.					
10-16	J. P. Hansen	6.7	2-24	J. P. Hansen	1.9
10-28	do	5.4	4-13	do	2.3
2-10	do	1.2	4-21	do	1.3
SCOUT CREEK					
North Platte—Sec. 20-14-30 W.					
10- 9	Melvin Kleen	0.9	5-22	Melvin Kleen	0.5
10-31	do	.8	6- 7	do	18.2
11-20	do	.2	6-19	do	8.6
12- 3	do	.1	6-25	do	4.0
1- 5	do	.1	7- 9	do	13.8
2- 6	do	.1	7-31	do	13.2
3- 6	do	.0	8- 6	do	14.7
4-10	do	5.4	8-17	do	.8
4-15	do	1.3	9- 4	do	19.4
5- 6	do	9.0	9-25	do	19.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SHELL CREEK					
Schuyler—South Line of Sec. 1-17-3 E.					
4-16	D. E. Olson	35.6	9-27	D. E. Olson	8.3
8-6	do	12.4			
SHEPHERD CREEK					
Near North Loup—Sec. 30-18-12 W.					
10-13	D. E. Olson	0.0	8-23	D. E. Olson	0.0
4-19	do	.1	9-18	do	.0
7-2	do	.0			
SILVER CREEK					
Near Lynch—South Line of Sec. 3-33-10 W.					
7-14	D. E. Olson	0.0	9-15	D. E. Olson	0.0
SILVER CREEK					
Silver Creek—Sec. 33-16-3 W.					
4-17	D. E. Olson	2.1			
SILVER CREEK					
Near Memphis—Sec. 7-13-9 E.					
8-10	D. E. Olson	0.0			
SILVER CREEK					
Near Palmyra—Sec. 2-8-9 E.					
8-4	O. E. Olson	0.1			
SILVER CREEK					
Near Ponca—Sec. 17-30-6 E.					
8-7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
SILVER CREEK					
Near Scribner—Sec. 35-19-6 E.					
8-6	D. E. Olson	0.1	9-29	D. E. Olson	0.0
SILVERNAIL DRAIN					
Sec. 6-19-49 W.					
10-3	E. S. Kimmel	6.9	2-13	E. S. Kimmel	6.2
10-10	do	6.7	2-20	do	5.8
11-2	J. P. Hansep	5.8	3-6	do	4.5
12-15	do	5.8	3-20	do	5.8
2-6	E. S. Kimmel	5.2	4-7	do	4.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SIMPSON CREEK					
Near Carns—East Line of Sec. 27-33-17 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0
SKEDEE CREEK					
Near Genoa—Sec. 8-17-4 W.					
4-16	D. E. Olson	0.1	9-17	D. E. Olson	0.0
SKULL CREEK					
Near Ovitt—Sec. 1-24-20 W.					
4-19	D. E. Olson	0.0			
SKUNK CREEK					
Sec. 1-14-37 W.					
10-14	E. S. Kimmel	2.4	4-14	Melvin Kleen	1.9
11- 6	Melvin Kleen	2.0	4-20	C. E. Franklin	2.4
12- 9	do	2.3	5-25	do	2.9
1- 8	do	2.1	7- 2	do	1.2
2- 4	do	2.0	7-10	do	1.3
3-26	do	2.0	9-17	A. C. Hilpert	1.2
SLEEPY HOLLOW CREEK					
Beaver Crossing—North Line of Sec. 32-10-1 E.					
10- 9	D. E. Olson	0.0	8- 3	D. E. Olson	0.0
5-14	do	.0	9-27	do	.0
SLOUGH CREEK, BIG					
Near Rosalie—Sec. 21-24-8 E.					
9-28	D. E. Olson	0.0			
SNAKE CREEK					
Alliance-Bridgeport Highway—Sec. 8-24-48 W.					
10-15	A. C. Hilpert	0.0	4-17	A. C. Hilpert	12.4
11-10	do	.0	5- 8	do	.0
11-27	do	.0	5-28	do	.2
12-12	do	.0	6-14	do	.0
1- 2	do	.0	6-28	do	.0
2-22	do	9.1	7-13	do	.0
3-29	do	9.4	8-26	do	.0
4- 7	do	.1			

BUREAU OF IRRIGATION

277

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SNAKE RIVER					
5 Miles above Falls—Sec. 2-31-30 W.					
10-31	A. C. Hilpert	233	6- 4	A. C. Hilpert	278
12-11	do	253	7- 3	do	415
2- 6	do	281	9-19	C. E. Franklin	220
3-23	do	273			
SOLDIER CREEK					
Above Fort Robinson Reservoir—Sec. 3-31-53 W.					
10-28	A. C. Hilpert	3.8	9-25	Franklin-Rasmussen	1.7
SOLDIER CREEK					
Below Soldier Creek Canal—Sec. 18-31-52 W.					
12-23	A. C. Hilpert	3.1	6- 1	A. C. Hilpert	3.1
2-27	Hilpert-Rasmussen	3.6	6-30	do	4.0
4-15	A. C. Hilpert	4.3			
SOLDIER CREEK					
Near Pishelville—31-32-7 W.					
7-15	D. E. Olson	0.2	9-15	D. E. Olson	0.2
SOUTH CREEK					
Near Ponca—Sec. 28-30-6 E.					
8- 7	D. E. Olson	0.1	9-28	D. E. Olson	4.5
SOW BELLY CREEK					
Sec. 5-32-55 W.					
10- 9	A. C. Hilpert	2.2	6-16	A. C. Hilpert	2.8
10-28	do	3.0	6-30	do	1.6
4-16	do	3.6	9-'4	Franklin-Rasmussen	.8
6- 1	do	2.6			
SPOTTED TAIL CREEK					
Near Brocksburg—Sec. 9-34-17 W.					
7-13	D. E. Olson	0.0	9-14	D. E. Olson	0.0
SPOTTED TAIL CREEK, DRY					
Sec. 28-23-56 W.					
10- 2	J. P. Hansen	36.7	3-17	J. P. Hansen	20.4
10- 8	do	34.6	3-30	Irby	15.2
10-14	do	62.5	4- 2	J. P. Hansen	19.6
10-30	do	27.8	4- 8	do	17.7
2- 9	do	19.6	4-14	do	25.3
2-26	do	22.2	4-23	do	24.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
SPOTTED TAIL CREEK, WET						
Sec. 6-22-55 W.						
10- 1	J. P. Hansen	13.6	5-14	Irby		6.1
10-14	do	14.6	5-25	J. P. Hansen		11.2
10-23	do	12.4	6-10	do		10.9
2- 9	do	10.3	6-23	do		9.9
2-24	do	11.6	6-30	do		10.2
3-30	Irby	10.0	7- 7	do		11.2
4- 2	J. P. Hansen	10.7	7-15	do		10.7
4- 8	do	9.9	8-12	do		14.1
4-14	do	11.0	9- 1	do		13.4
4-23	do	10.7	9-21	do		13.3
5- 5	do	9.5	9-29	do		15.1
5-13	do	11.2				
SPRING CREEK						
Wyoming-Nebraska Line—Sec. 4-23-58 W.						
10- 9	J. P. Hansen	8.7	5-20	J. P. Hansen		10.0
2-26	do	9.7	6-22	do		7.0
4-22	do	10.9				
SPRING CREEK						
Tributary to Sow Belly Creek—Sec. 34-33-55 W.						
10- 9	A. C. Hilpert	0.1	6- 1	A. C. Hilpert		0.1
10-23	do	.1	6-16	do		.2
4-16	do	.0				
SPRING CREEK						
Tributary to Little Cottonwood Creek—Sec. 13-32-52 W.						
10- 7	A. C. Hilpert	0.4	2-23	A. C. Hilpert		0.9
10-23	do	.2	5-11	do		.6
12- 8	do	.1	6-21	do		.2
12-31	do	1.0	6-29	do		.2
1-15	do	.9	7-14	do		.1
2- 4	do	.1	9-25	Franklin-Rasmussen		.2
SPRING CREEK						
Mills—South Line of Sec. 4-34-18 W.						
7-13	D. E. Olson	6.7	9-14	D. E. Olson		5.4
SPRING CREEK						
Sumter—Sec. 21-19-13 W.						
10-13	D. E. Olson	0.2	8-23	D. E. Olson		2.9
4-19	do	.3	9-18	do		.2
6-28	do	1.4				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SPRING CREEK					
Cushing—Sec. 8-15-9 W.					
10- 5	D. E. Olson	1.6	9-18	D. E. Olson	0.2
4- 9	do	5.4			
SPRING CREEK					
Near Spencer—Sec. 19-34-12 W.					
9-15	D. E. Olson	0.0			
SPRING CREEK					
Norfolk—Sec. 15-24-1 W.					
9-16	D. E. Olson	0.1			
SQUAW CREEK					
Above McDowell's Reservoir—Sec. 12-31-52 W.					
10- 6	A. C. Hilpert	0.1	5-11	A. C. Hilpert	0.1
12- 8	do	.1	6- 1	do	.2
12-31	do	.1	6-21	do	.1
1-15	do	.1	7-14	do	.1
2-23	do	.5	9-25	Franklin-Rasmussen	.0
4-15	do	1.0			
SQUAW CREEK					
Below McDowell's Reservoir—Sec. 1-31-52 W.					
10- 6	A. C. Hilpert	0.2	5-11	A. C. Hilpert	0.2
12- 8	do	.1	6- 1	do	1.0
12-31	do	.1	6-21	do	.1
1-15	do	.2	7-14	do	.1
2-23	do	1.0	9-25	Franklin-Rasmussen	.2
4-15	do	1.5			
SQUAW CREEK					
Pishelville—Sec. 7-32-8 W.					
7-15	D. E. Olson	0.1	9-15	D. E. Olson	0.2
SQUAW CREEK					
Near Crete—Sec. 15-7-4 E.					
5-14	D. E. Olson	0.8	8- 3	D. E. Olson	0.1
SQUAW CREEK					
Near Wyoming—Sec. 13-9-14 E.					
8- 4	D. E. Olson	0.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
STEEL CREEK					
Pishelville—East Line of Sec. 18-32-8 W.					
7-15	D. E. Olson	4.7	9-15	D. E. Olson	6.9
STINKING WATER CREEK					
Palisade—Sec. 25-5-34 W.					
10- 8	D. B. Ender	31.8	7- 7	D. B. Ender	22.4
1-13	do	31.8	7-29	do	15.0
2-17	do	39.8	8-18	do	11.1
3-23	do	43.2	9-16	do	13.1
4-29	do	30.5	9-30	do	16.4
6- 8	do	38.7			
STREVER CREEK					
South of Overton—Sec. 1-8-20 W.					
10- 7	Melvin Kleen	11.2	1-12	Melvin Kleen	5.8
10-13	do	9.1	2-12	do	8.1
10-20	do	10.0	2-24	do	11.0
10-27	do	9.8	3-11	do	10.3
11-10	do	8.1	3-22	do	10.6
11-20	do	8.2	3-29	do	9.7
12- 1	do	9.0	4- 5	do	8.4
12-11	do	7.3	4-12	do	51.6
12-23	do	9.6	4-20	do	19.1
SWEET CREEK					
Near Cairo—Sec. 13-12-13 W.					
4- 8	D. E. Olson	0.0	8-14	D. E. Olson	0.0
6-25	do	.0	9-25	do	.0
TABLE CREEK, SOUTH					
Nebraska City—Sec. 8-8-14 E.					
8- 4	D. E. Olson	0.1			
THOMAS CREEK					
Near Riverview—Sec. 20-32-20 W.					
7-13	D. E. Olson	0.1	9-13	D. E. Olson	0.0
TIMBER CREEK					
Near Fullerton—Sec. 30-17-6 W.					
4-16	D. E. Olson	3.4	9-17	D. E. Olson	0.2

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
TRUEBLOOD CREEK					
Near Tilden—Sec. 4-24-5 W.					
9-17	D. E. Olson	0.0			
TRUNK BUTTE CREEK					
Sec. 25-33-50 W.					
10-27	A. C. Hilpert	0.8	5-10	A. C. Hilpert	0.1
12-10	do	.1	5-31	do	.2
12-26	do	1.8	6-30	do	.2
1-22	do	.0	7-15	do	.5
4-15	do	.6	9-25	Franklin-Rasmussen	.0
TUB SPRINGS					
Above Enterprise Canal—Sec. 33-23-55 W.					
5-12	J. P. Hansen	24.4	7- 7	J. P. Hansen	31.0
5-25	do	21.0	7-15	do	31.3
6- 2	do	50.0	7-30	do	35.0
6-10	do	51.5	8-11	Hansen-Nansen	39.4
6-17	do	51.7	8-25	J. P. Hansen	35.2
6-23	do	25.8	9-10	do	41.4
6-30	do	25.9	9-21	do	38.2
TUB SPRINGS					
Below Enterprise Canal—Sec. 32-23-55 W.					
10- 1	J. P. Hansen	38.8	6-10	J. P. Hansen	74.6
10-14	do	47.8	6-17	do	92.6
10-28	do	57.0	6-23	do	23.4
2-10	do	33.2	6-30	do	28.1
2-24	do	30.7	7- 7	do	22.5
4- 2	do	24.6	7-15	do	16.9
4-14	do	28.5	7-30	do	7.8
4-23	do	25.9	8-11	Hansen-Nansen	6.6
5- 5	do	21.4	8-25	J. P. Hansen	3.0
5-12	do	35.7	9-10	do	19.6
5-25	do	58.1	9-21	do	28.9
6- 2	do	73.1			
TURKEY CREEK					
Near Meadville—South Line of Sec. 36-33-23 W.					
7-12	D. E. Olson	1.2	9-13	D. E. Olson	1.3
TURKEY CREEK					
Naponce—Sec. 4-1-16 W.					
9-20	D. B. Ender	5.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.	Sec.-ft.			
TURKEY CREEK						
Dannebrog—West Line of Sec. 26-14-11 W.						
4- 8	D. E. Olson	0.0		8-14	D. E. Olson	0.0
6-25	do	.0		9-25	do	.0
TURKEY CREEK						
Newcastle—Sec. 36-32-4 E.						
8- 7	D. E. Olson	0.0		9-28	D. E. Olson	0.0
TURTLE CREEK						
Elyria—Sec. 31-20-14 W.						
10-13	D. E. Olson	0.3		7-26	D. E. Olson	0.1
4- 5	do	2.2		8-17	do	1.0
6-28	do	4.6				
TURTLE CREEK						
Winnebago—Sec. 9-26-8 E.						
8- 7	D. E. Olson	0.0		9-28	D. E. Olson	0.0
UNION CREEK						
Stanton—West Line of Sec. 1-22-1 E.						
8- 6	D. E. Olson	14.0		9-28	D. E. Olson	13.1
VERDIGRIS CREEK						
Near Niobrara—Sec. 5-31-6 W.						
7-15	D. E. Olson	33.3		9-15	D. E. Olson	48.0
VERHEES CREEK						
Near Boone—Sec. 16-19-5 W.						
4-29	D. E. Olson	0.0		9-17	D. E. Olson	0.0
VICTORIA CREEK						
Gates—East Line of Sec. 2-19-21 W.						
4-20	D. E. Olson	5.5		8-18	D. E. Olson	2.6
6-29	do	3.9		9- 2	do	2.9
7-27	do	3.7		9-23	do	3.6
VICTORIA CREEK						
Below Dam—Sec. 6-19-20 W.						
7-20	D. E. Olson	0.7		9- 2	D. E. Olson	0.3
7-27	do	.1		9-23	do	.3
8-18	do	.3				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WAGNER CREEK					
Comstock—West Line of Sec. 3-18-17 W.					
10-2	D. E. Olson	0.2	8-19	D. E. Olson	0.0
4-13	do	.1	9-3	do	.0
7-7	do	.1			
WAHOO CREEK					
Ashland—West Line of Sec. 36-13-9 E.					
8-5	D. E. Olson	116.0	9-29	D. E. Olson	3.8
WAHOO CREEK, NORTH FORK					
Near Wahoo—Sec. 8-14-7 E.					
8-5	D. E. Olson	1.0	9-27	D. E. Olson	0.3
WALLACE CREEK					
Near Scotia—South Line of Sec. 3-17-12 W.					
10-13	D. E. Olson	0.0	8-23	D. E. Olson	0.0
4-6	do	.1	9-18	do	.0
7-2	do	.0			
WALNUT CREEK					
Maskell—Sec. 34-32-4 E.					
8-7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
WALNUT CREEK					
Beaver Crossing—South Line of Sec. 5-9-2 E.					
10-9	D. E. Olson	0.1	8-3	D. E. Olson	0.3
5-14	do	.0	9-27	do	.0
WALNUT CREEK					
Near Nebraska City—Sec. 36-9-14 E.					
8-4	D. E. Olson	0.1			
WARBONNET CREEK					
Above Warbonnet Canal—Sec. 21-33-56 W.					
10-9	A. C. Hilpert	0.3	6-1	A. C. Hilpert	4.7
10-29	do	1.1	6-16	do	2.2
4-16	do	2.6	6-30	do	1.8
5-12	do	2.8	9-4	Franklin-Rasmussen	1.3
WENTWORTH CREEK					
Near Riverview—Sec. 24-32-20 W.					
7-13	D. E. Olson	0.0	9-13	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHISKEY CREEK					
Lynch—Sec. 15-33-10 W.					
7-14	D. E. Olson	0.0	9-15	D. E. Olson	0.0
WHITE CLAY CREEK					
Crawford—Sec. 2-31-52 W.					
10- 6	A. C. Hilpert	1.3	4-15	A. C. Hilpert	3.4
12- 8	do	2.0	5-11	do	1.0
12-31	do	2.4	6- 1	do	3.2
1-15	do	3.1	6-21	do	2.4
2- 4	do	2.3	7-14	do	2.2
2-23	do	2.3	9-25	Franklin-Rasmussen	.9
3-25	do	33.2			
WHITE CLAY CREEK					
Above Junction with Larabee Creek—Sec. 6-34-44 W.					
10-30	A. C. Hilpert	3.2	5-14	A. C. Hilpert	4.0
12-10	do	3.4	6-18	do	5.0
1-19	do	2.4	9-23	C. E. Franklin	3.1
4-14	do	6.2			
WHITE HORSE CREEK					
Gennett—Sec. 5-13-29 W.					
10- 1	Melvin Kleen	13.0	4-13	Melvin Kleen	88.6
10-10	do	8.9	4-23	do	17.0
10-16	do	9.5	5- 5	do	9.7
10-28	do	10.1	5-13	do	14.3
11-12	do	12.0	5-24	do	11.0
11-19	do	13.3	6- 5	do	8.0
12- 4	do	9.3	6-12	do	33.3
12-21	do	17.0	6-16	do	68.9
1- 4	do	16.4	6-25	do	7.4
1-15	do	25.2	7-13	do	2.1
2- 2	do	15.4	7-21	do	2.4
2-18	do	23.6	7-30	do	1.2
2-27	do	20.6	8-18	do	2.0
3-13	do	23.2	8-26	do	1.7
3-24	do	32.3	9- 7	do	2.5
3-31	do	25.6	9-18	do	2.2
4- 7	do	15.7	9-27	do	2.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE RIVER					
Above Whitney Diversion—Sec. 26-32-52 W.					
10- 7	A. C. Hilpert	21.9	4-15	A. C. Hilpert	33.8
10-28	do	25.6	5-11	do	25.2
12- 9	do	30.6	6- 1	do	27.6
12-31	do	25.1	6-21	do	24.5
1-15	do	27.0	6-29	do	24.5
2- 4	do	26.6	7-14	do	19.0
2-23	do	30.4	9-25	Franklin-Rasmussen	4.8
3-25	do	171.0			
WHITE RIVER					
Below Whitney Diversion—Sec. 26-32-52 W.					
9-25	Franklin-Rasmussen	3.2			
WHITE RIVER					
Sec. 19-32-51 W.					
10- 7	A. C. Hilpert	2.2	3-25	A. C. Hilpert	0.0
10-28	do	11.3	4-15	do	35.4
12- 8	do	27.4	5-11	do	20.9
12-31	do	21.5	6- 1	do	27.0
1-22	do	.0	6-21	do	26.0
2- 3	do	24.6	6-29	do	17.1
2-23	do	37.9	7-14	do	3.9
WHITE RIVER					
Whitney					
3-25	A. C. Hilpert	631.0			
WHITE TAIL CREEK					
Sec. 36-15-38 W.					
10- 7	E. S. Kimmel	24.2	3-26	Melvin Kleen	25.8
10-29	Melvin Kleen	24.9	4- 2	do	29.2
11- 6	do	25.0	4-14	do	24.6
11-18	do	27.1	4-19	C. E. Franklin	26.5
12- 9	do	27.6	5-19	do	26.0
12-18	do	30.8	7- 2	do	26.1
12-31	do	29.6	7-10	do	22.6
1- 8	do	28.1	7-22	Franklin-Kimmel	26.6
1-29	do	27.6	8- 6	C. E. Franklin	23.0
2- 4	do	29.6	8-18	J. P. Hansen	23.7
2-17	do	25.6	9- 9	A. C. Hilpert	25.8
2-26	do	27.4	9-16	do	28.6
3-19	do	29.0	9-23	do	24.5

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WIGGLE CREEK					
Loup City—Sec. 7-14-14 W.					
4-14	D. E. Olson	0.0	8-24	D. E. Olson	0.0
6-25	do	.0	9-25	do	.0
WIGGLE CREEK					
Near Homer—Sec. 12-27-8 E.					
8- 7	D. E. Olson	0.0	9-28	D. E. Olson	0.0
WILD HORSE CREEK					
Near Dunning—Sec. 6-21-24 W.					
5- 4	D. E. Olson	0.0	9- 2	D. E. Olson	0.0
8-18	do	.0			
WILLOW CREEK					
Dunbar—Sec. 13-8-12 E.					
8- 4	D. E. Olson	0.1			
WILLOW CREEK					
Long Pine—Sec. 25-21-24 W.					
7-12	D. E. Olson	0.0	9-13	D. E. Olson	0.0
WILLOW CREEK					
Mariaville—Sec. 6-32-18 W.					
7-13	D. E. Olson	0.2	9-14	D. E. Olson	0.1
WILLOW CREEK					
Pierce—Sec. 27-26-2 W.					
7-15	D. E. Olson	2.3	9-16	D. E. Olson	4.3
WILLOW CREEK					
Near West Point—Sec. 9-21-7 E.					
9-29	D. E. Olson	0.0			
WOLF CREEK					
Near Milford—West Line of Sec. 36-10-3 E.					
5-14	D. E. Olson	0.0	9-27	D. E. Olson	0.0
8- 3	do	.0			
WOOD RIVER					
Grand Island—Sec. 29-11-9 W.					
5-14	D. E. Olson	0.1	9-27	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WORTMAN'S CREEK					
Near West Point—Sec. 11-21-6 E.					
8-6	D. E. Olson	0.0	9-29	D. E. Olson	0.0
WYMAN CREEK					
Near Riverview—Sec. 19-32-19 W.					
7-13	D. E. Olson	0.2	9-13	D. E. Olson	0.0
YANKTON SLOUGH					
Pierce—East Line of Sec. 23-26-2 W.					
7-15	D. E. Olson	0.0	9-16	D. E. Olson	0.0

DISCHARGE MEASUREMENTS OF STREAMS

Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
APPLEGATE DRAIN					
Sec. 31-13-33 W.					
10- 8	E. S. Kimmel	39.2	3-10	A. C. Hilpert	62.6
10-22	A. C. Hilpert	41.9	4- 4	do	54.3
11-19	do	45.8	5-11	do	52.6
12-22	do	48.8	6-23	do	43.2
1-29	do	54.6	8-30	do	47.4
2-25	do	66.4	9-19	J. P. Hansen	43.2
ASH CREEK					
Whitney—Sec. 7-32-50 W.					
11-13	C. E. Franklin	0.0	7- 6	C. E. Franklin	1.2
11-26	do	.1	7-22	do	2.1
4-12	do	3.4	8- 5	do	4.2
5- 5	do	3.5	9-10	do	.6
5-31	do	6.4	9-27	do	1.0
ASH CREEK, EAST					
Above Barron Canal—Sec. 32-32-50 W.					
3- 2	C. E. Franklin	2.6	8-26	C. E. Franklin	1.6
7- 6	do	2.1	9-11	do	1.0
7-21	do	1.8	9-27	do	.8
8- 5	do	1.8			
AUGER CREEK					
Elba—Sec. 4-15-11 W.					
10-12	D. E. Olson	0.0			
BALD DRAIN					
Sec. 32-23-56 W.					
10-20	J. P. Hansen	4.9	4- 5	J. P. Hansen	2.4
1- 6	do	3.1	4-19	do	2.2
2-11	do	1.9	5- 9	do	2.1
3- 2	do	2.8	7- 5	do	13.0
BEAN CREEK					
Elyria—Sec. 10-20-15 W.					
10-12	D. E. Olson	0.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
BEAR CREEK						
North of Merriman—Sec. 8-34-37 W.						
10-29	C. E. Franklin	2.2	4-29	C. E. Franklin		6.9
11-24	do	4.0	5-27	do		12.4
12-13	do	4.3	6-30	do		1.7
1- 4	do	2.5	7-18	do		5.3
1-18	do	3.7	8- 4	do		2.0
2- 8	do	21.0	8-23	do		1.8
2-27	do	4.8	9- 7	do		.9
3-29	do	46.5	9-23	do		1.0

BEAR CREEK						
Over Dam, A-3321—NW¼ Sec. 16-34-37, W.						
10-10	C. E. Franklin	1.9	6-30	C. E. Franklin		1.8
10-29	do	2.8	7-18	do		4.8
11-24	do	3.9	8- 4	do		1.4
1- 4	do	2.9	8-23	do		2.3
2- 8	do	.0	9- 7	do		.9
4-29	do	11.7	9-23	do		.9
5-27	do	10.3				

BEAR CREEK						
Passing Fish and Game Commission Dam, A-2898—Sec. 16-34-37 W.						
10-10	C. E. Franklin	12.7	5-27	C. E. Franklin		25.0
10-29	do	.0	6-30	do		6.8
11-24	do	.0	7-18	do		.7
12-13	do	.5	8- 4	do		2.0
1- 4	do	.5	8-23	do		1.6
2- 8	do	.5	9- 7	do		.5
4-29	do	12.3	9-23	do		.6

BEAR CREEK						
Passing Cole Dam No. 1, A-2254—SW¼NE¼ Sec. 14-34-37 W.						
10-11	C. E. Franklin	0.0	4-29	C. E. Franklin		12.7
10-29	do	.1	5-27	do		22.7
11-24	do	1.4	6-30	do		4.6
12-13	do	1.3	7-18	do		7.7
1- 4	do	1.3	8- 4	do		2.4
1-18	do	.0	8-23	do		1.5
2- 8	do	.9	9- 7	do		.5
2-27	do	1.6	9-23	do		.6
3-29	do	51.8				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BEAR CREEK					
Eli—Sec. 25-34-36 W.					
10- 9	C. E. Franklin	1.4	3-30	C. E. Franklin	88.1
11- 3	do	1.7	4-29	do	34.2
11-24	do	2.4	5-27	do	23.2
12-13	do	2.0	6-30	do	21.5
1- 4	do	4.4	7-20	do	5.3
1-20	do	3.8	8-23	do	4.6
2- 8	do	3.0	9- 7	do	4.3
2-27	do	10.1	9-23	do	3.4
BLACKWOOD CREEK					
East of Culbertson—Sec. 15-3-31 W.					
6-29	M. V. Adkisson	2.8			
BOGGY CREEK					
Below Wickersham Diversion Dam—Sec. 31-33-54 W.					
9-29	C. E. Franklin	0.0			
BORDEAUX CREEK, BIG					
Below Thomas Canal—Sec. 34-34-48 W.					
10- 8	C. E. Franklin	2.8	5- 4	C. E. Franklin	8.9
11- 3	do	3.8	5-27	do	10.4
11-21	do	6.8	6-18	do	14.1
12-14	do	8.0	7-17	do	6.7
12-31	do	3.2	8- 4	do	6.7
1-17	do	5.4	8-21	do	4.4
4-11	do	9.4	9- 6	do	3.6
4-28	do	7.6	9-22	do	2.8
BORDEAUX CREEK; BIG					
Chadron—Sec. 14-33-48 W.					
10- 3	C. E. Franklin	2.5	4-11	C. E. Franklin	3.2
11- 3	do	4.8	4-27	do	3.5
11-21	do	4.3	5- 4	do	3.4
12-14	do	2.6	5-27	do	3.1
12-31	do	2.9	6-18	do	5.0
1-17	do	3.5	7-17	do	2.3
1-21	do	3.0	8- 4	do	2.9
2- 4	do	3.7	8-21	do	2.6
2-24	do	3.4	9- 6	do	2.5
3-27	do	6.0	9-22	do	2.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
BORDEAUX CREEK, LITTLE					
Below Hartzell Canal—Sec. 13-33-48 W.					
10- 8	C. E. Franklin	3.2	4-11	C. E. Franklin	3.3
11- 3	do	3.2	4-27	do	3.4
11-21	do	3.1	5- 4	do	3.4
12-14	do	2.6	5-27	do	7.1
12-31	do	3.2	6-18	do	4.7
1-17	do	4.4	7-17	do	3.4
1-21	do	3.8	8- 4	do	2.2
2- 4	do	3.6	8-21	do	2.0
2-24	do	3.3	9- 6	do	2.1
3-27	do	10.2	9-22	do	1.5
BUFFALO CREEK					
Elm Creek—Sec. 33-9-18 W.					
10- 4	Melvin Kleen	52.1	1-18	Melvin Kleen	2.8
10-12	do	37.9	1-25	do	3.8
10-19	do	36.5	2- 2	do	3.4
10-26	do	19.8	2- 8	do	4.3
11- 2	do	14.6	2-25	do	4.5
11- 8	do	5.6	3-17	do	3.7
11-15	do	3.4	3-23	do	3.2
11-23	do	2.8	3-29	do	2.8
12- 1	do	3.6	4- 4	do	3.4
12-16	do	2.3	4-20	do	12.4
12-28	do	2.4	4-27	do	51.2
BULL DRAIN					
Maxwell—Sec. 19-13-28 W.					
10-14	Melvin Kleen	0.6	3-10	Melvin Kleen	2.1
11- 5	do	1.1	4-24	do	1.9
12-15	do	.3	5-10	do	1.5
1-19	do	.5	6- 2	do	1.2
2- 4	do	1.7	7- 3	do	.6
CEDAR BRANCH CREEK					
Nevins—Sec. 17-14-35 W.					
10-15	A. C. Hilpert	1.2	5- 4	A. C. Hilpert	1.4
11-12	do	1.6	6-15	do	1.2
12- 2	do	1.0	6-29	do	1.5
1- 6	do	1.3	7-14	do	1.5
5- 9	do	1.6	8-29	do	.8
4- 4	do	1.2	9-18	Hansen-Tefft	1.2
CEDAR CREEK					
Below Valdez Canal—Sec. 10-32-56 W.					
11-28	Franklin-Rasmussen	0.2	5- 9	Franklin-Rasmussen	0.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
CEDAR CREEK					
Above D-507, Schilt-Cedar Creek Canal—Sec. 35-33-56 W.					
11-28	Franklin-Rasmussen	0.0			
CEDAR CREEK					
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-32-56 W.					
5-9	Franklin-Rasmussen	0.0			
CEDAR CREEK					
Above Grote Reservoir—Sec. 3-32-56 W.					
11-28	Franklin-Rasmussen	0.1	5-9	Franklin-Rasmussen	0.2
CEDAR CREEK					
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-33-56 W.					
5-9	Franklin-Rasmussen	0.1			
CEDAR CREEK					
Near Elba—Sec. 8-15-10 W.					
10-15	D. E. Olson	0.0			
CEDAR CREEK					
Sec. 11-18-48 W.					
10-4	E. S. Kimmel	12.5	1-3	A. C. Hilpert	13.6
10-11	A. C. Hilpert	10.5	1-21	E. S. Kimmel	13.0
10-18	do	10.3	2-5	A. C. Hilpert	14.4
10-26	do	11.5	2-14	do	13.1
11-1	E. S. Kimmel	11.8	2-26	do	12.5
11-8	A. C. Hilpert	11.3	3-6	do	11.8
11-15	do	12.6	3-15	do	11.5
11-23	do	14.0	3-20	do	14.4
11-29	do	11.0	4-7	do	14.0
12-13	do	14.1	4-17	E. S. Kimmel	13.2
CENTER CREEK					
Sec. 36-2-15 W.					
6-15	M. V. Adkisson	2.1			
CHADRON CREEK					
Station 36 of Pipe Line—Sec. 12-32-49 W.					
12-14	C. E. Franklin	2.2	5-4	C. E. Farnklin	2.0
12-27	do	.3	5-24	do	3.7
1-17	do	.5	6-13	do	2.0
2-3	do	1.2	7-17	do	.0
2-23	do	1.8	8-3	do	.0
3-17	do	.4	8-21	do	.0
4-10	do	1.1	9-5	do	.0
4-25	do	.4	9-21	do	.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

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

CHADRON CREEK

500 Feet below City Reservoir—Sec. 18-32-48 W.

10- 8	C. E. Franklin	0.2	4-25	C. E. Franklin	0.3
10-28	do	.1	5- 4	do	.5
11-21	do	.3	5-24	do	.4
12-14	do	.3	6-18	do	.8
12-27	do	.3	7-17	do	.4
1-17	do	.3	8- 3	do	.3
2- 3	do	.3	8-21	do	.2
2-23	do	.4	9- 5	do	.3
3-17	do	.4	9-21	do	.3
4-10	do	.3			

CHADRON CREEK

One-half Mile above City Reservoir—Sec. 19-32-48 W.

10- 8	C. E. Franklin	1.9	4-25	C. E. Franklin	2.3
10-28	do	2.5	5- 4	do	2.6
11-21	do	4.3	5-24	do	2.6
12-14	do	2.4	6-18	do	2.4
12-27	do	2.6	7-17	do	1.7
1-17	do	2.2	8- 3	do	1.1
2- 3	do	2.8	8-21	do	2.2
2-23	do	2.7	9- 5	do	1.4
3-17	do	4.9	9-21	do	1.1
4-10	do	3.6			

CHESBRA CREEK

Taylor—Sec. 20-21-18 W.

10-13	D. E. Olson	0.0			
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CLEAR CREEK

Sec. 32-16-41 W.

10- 6	E. S. Kimmel	3.9	5- 3	A. C. Hilpert	8.3
10-20	A. C. Hilpert	.2	5-17	do	1.7
11- 3	E. S. Kimmel	7.2	5-24	do	8.3
11-17	A. C. Hilpert	6.1	6-14	do	5.8
12- 1	do	9.8	6-21	do	6.4
12-15	do	7.2	6-28	do	2.6
1- 4	do	9.0	7-13	do	7.4
4- 5	do	9.0	9-15	Hansen-Tefft	8.0

CLEVELAND DRAIN

Sec. 6-20-52 W.

10-13	J. P. Hansen	15.5	11-30	J. P. Hansen	1.1
10-19	do	2.1	12-21	do	.5
11- 6	do	1.7	2-28	do	.5
11-20	do	1.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944.

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
COLD WATER CREEK						
Sec. 34-18-46 W.						
10- 4	E. S. Kimmel	0.3		2-28	A. C. Hilpert	0.1
10-11	A. C. Hilpert	.4		3- 6	do	.1
10-18	do	.1		3-15	do	.0
10-26	do	.1		3-20	do	.0
11- 1	E. S. Kimmel	.3		4- 7	do	.0
11- 8	A. C. Hilpert	.1		4-17	E. S. Kimmel	.0
11-15	do	.1		5- 2	A. C. Hilpert	.2
11-23	do	.1		5- 8	do	.1
11-29	do	.1		5-22	do	.2
12-14	do	.0		5-31	do	.1
1- 3	do	.7		6-12	do	.1
1-21	E. S. Kimmel	.4		6-19	do	.0
2- 5	A. C. Hilpert	.5		6-26	do	.7
2-14	do	1.0		7- 5	do	13.8
2-24	do	.1		7-10	do	.1
COTTONWOOD CREEK						
Near Palmer—SE Corner Sec. 9-15-8 W.						
10-15	D. E. Olson	0.0				
COTTONWOOD CREEK						
Near Arcadia—South Line of Sec. 4-17-16 W.						
10-19	D. E. Olson	0.0				
COTTONWOOD CREEK						
Dunlap—Sec. 27-29-48 W.						
4-27	C. E. Franklin	1.0		9- 5	C. E. Franklin	0.1
8-21	do	.0		9-21	do	.1
COTTONWOOD CREEK, BIG						
Sec. 22-33-50 W.						
11- 6	C. E. Franklin	0.4		7- 5	C. E. Franklin	3.1
11-26	do	.4		7-21	do	1.2
3- 2	do	146.0		8- 5	do	.3
4-12	do	.4		8-26	do	.3
5- 5	do	.5		9-10	do	.2
5-31	do	.8		9-27	do	.2
COTTONWOOD CREEK, BIG						
Sec. 36-2-16 W.						
6-15	M. V. Adkisson	3.9				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
COTTONWOOD CREEK, LITTLE.					
One mile west of Bloomington—Sec. 6-1-15 W.					
6-15	M. V. Adkisson	1.3			
COTTONWOOD CREEK, LITTLE					
Sec. 8-32-52 W.					
11-11	C. E. Franklin	1.4	7- 7	C. E. Franklin	3.8
11-26	do	1.3	7-22	do	.1
4-13	do	1.7	8- 6	do	.0
5-10	do	3.2	8-26	do	.0
6- 2	do	1.6	9-12	do	.0
COTTONWOOD CREEK, LITTLE					
Below Dodd Reservoir—Sec. 18-32-52 W.					
11-11	C. E. Franklin	1.2			
COTTONWOOD CREEK, LITTLE					
South of Whitney Pipe Line Outlet—Sec. 8-32-51 W.					
8-26	C. E. Franklin	0.0	9-28	C. E. Franklin	0.0
DANE CREEK					
Ord—East Line of Sec. 20-19-14 W.					
10-12	D. E. Olson	0.2			
DAVIS CREEK					
Cotesfield—Sec. 34-17-12 W.					
10-12	D. E. Olson	0.6			
DAWSON COUNTY DRAIN NO. 2					
Darr—Sec. 25-10-23 W.					
10- 5	Melvin Kleen	3.2	1-24	Melvin Kleen	1.1
10-19	do	2.0	2- 2	do	1.0
11- 2	do	1.7	3- 9	do	1.3
12-21	do	.7	4- 5	do	1.8
DEAD HORSE CREEK					
Sec. 32-33-49 W.					
4-12	C. E. Franklin	2.6	8- 5	C. E. Franklin	2.5
5- 5	do	3.0	8-26	do	2.1
5-31	do	5.2	9-10	do	2.2
7-21	do	1.7	9-27	do	1.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
DeGRAW DRAIN					
Sec. 24-20-51 W.					
10-18	J. P. Hansen	5.2	3- 6	J. P. Hansen	4.9
10-25	do	6.0	4- 8	do	3.2
11-20	do	6.0	5- 6	do	2.6
11-27	do	4.7	5-29	do	2.3
12-22	do	5.0	6-19	do	2.3
1-22	do	3.7	7-17	do	2.7
2-14	do	3.5	8-12	do	3.7
DRIFTWOOD CREEK					
Near McCook—Sec. 1-2-30 W.					
6-29	M. V. Adkisson	0.0			
DRINGMAN DRAIN					
Sec. 32-13-33 W.					
3-10	A. C. Hilpert	7.6	6-23	A. C. Hilpert	8.1
4- 4	do	12.2	8-30	do	7.6
5-11	do	6.9			
DRY CREEK					
To Cottonwood Lake—South Line of Sec. 16-34-37 W.					
10-11	C. E. Franklin	0.0	7-18	C. E. Franklin	0.0
10-29	do	6.1	8-23	do	.0
11-24	do	.0	9- 7	do	.0
5-27	do	.0	9-23	do	.0
6-30	do	.0			
DRY CREEK					
Merriman—Sec. 17-34-37 W.					
10-11	C. E. Franklin	0.0	4-29	C. E. Franklin	7.3
10-29	do	.0	5-27	do	10.9
11-24	do	.5	6-30	do	3.8
12-13	do	.2	7-18	do	1.9
1- 4	do	.0	8- 4	do	.4
1-18	do	.0	8-23	do	.0
2- 8	do	.0	9- 7	do	.0
2-27	do	.0	9-23	do	.0
3-30	do	8.1			
DUGOUT CREEK, UPPER					
Sec. 20-20-50 W.					
10-18	J. P. Hansen	11.6	2- 7	J. P. Hansen	4.4
10-25	do	7.8	2-14	do	2.8
11- 6	do	7.1	2-28	do	2.1
12-20	do	5.4	3- 6	do	2.0
1- 3	do	3.1	4- 8	do	.7
1-22	do	3.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date			Sec.-ft.
ELK CREEK					
Palmer—Sec. 23-15-8 W.					
10-15	D. E. Olson	0.0			
ELM CREEK					
Ord—Sec. 24-19-14 W.					
10-15	D. E. Olson	0.1			
ELM CREEK					
Elm Creek—Sec. 33-9-18 W.					
10- 4	Melvin Kleen	0.0	12-28	Melvin Kleen	0.0
10-12	do	.1	1-18	do	.0
10-19	do	1.6	1-25	do	.0
10-26	do	.4	2- 2	do	.0
11- 2	do	4.5	2-25	do	.0
11- 8	do	1.0	3-17	do	.0
11-15	do	.0	3-28	do	.0
11-23	do	.1	4- 4	do	.0
12- 1	do	.1	4-20	do	.0
12-16	do	.0	4-27	do	4.6
ENGLISH CREEK					
Sec. 11-31-52 W.					
9-28	C. E. Franklin	0.4			
FAIRFIELD SEEP					
Sec. 18-21-53 W.					
10-26	J. P. Hansen	0.8	2-29	J. P. Hansen	0.4
11-17	do	.6	5- 4	do	1.7
11-30	do	.2	5-31	do	.8
12-21	do	.2	7-13	do	2.5
FANNING SEEP					
One-half Mile North of Mitchell Bridge—Sec. 28-23-56 W.					
10-21	J. P. Hansen	5.8	4-19	J. P. Hansen	2.9
2-11	do	3.3	5- 9	do	2.2
3- 2	do	3.2	7- 5	do	3.0
4- 5	do	2.5			
FISH CREEK					
Near Cotesfield—Sec. 7-16-11 W.					
10-15	D. E. Olson	0.1			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
FREMONT SLOUGH						
North Platte—Sec. 16-13-30 W.						
10-23	Melvin Kleen	4.5		4-26	Melvin Kleen	33.8
11- 6	do	11.8		5- 9	do	19.8
11-27	do	11.5		5-18	do	22.2
12-22	do	11.2		6- 6	do	7.0
1-21	do	11.8		6-13	do	21.2
1-31	do	17.8		6-27	do	3.5
2-23	do	19.9		8-31	A. C. Hilpert	3.4
3-13	do	55.5		9-15	do	3.7
3-24	do	57.5		9-22	do	3.6
3-31	do	37.2		9-30	do	5.5
4-24	do	135.0				
FRENCHMAN RIVER						
Above Maranville Reservoir—Sec. 10-6-41 W.						
7-11	M. V. Adkisson	5.1		8-17	Adkisson-Jones	4.0
8- 8	do	5.4				
FRENCHMAN RIVER						
Below Maranville Reservoir—Sec. 11-6-41 W.						
7-11	M. V. Adkisson	8.6		8- 8	M. V. Adkisson	0.1
FRENCHMAN RIVER						
Above Inman Canal—Sec. 17-6-40 W.						
7-11	M. V. Adkisson	19.4		8- 8	M. V. Adkisson	10.4
FRENCHMAN RIVER						
West Line—Sec. 22-6-40 W.						
7-11	M. V. Adkisson	16.8		8- 8	M. V. Adkisson	19.8
FRENCHMAN RIVER						
Below Champion Canal Diversion Dam—West Line of Sec. 23-6-40 W.						
7-11	M. V. Adkisson	10.6		8- 8	M. V. Adkisson	4.7
7-22	do	25.7				
FRENCHMAN RIVER						
Near Champion—East Line of Sec. 19-6-39 W.						
7-11	M. V. Adkisson	29.2		8- 8	M. V. Adkisson	23.0
FRENCHMAN RIVER						
South of Imperial, Below Imperial Power Plant—Sec. 30-6-38 W.						
10-15	D. B. Ender	52.1		7-22	M. V. Adkisson	66.8
7-10	M. V. Adkisson	16.1		8- 9	do	23.7
7-21	do	50.5		9-19	Meininger-Adkisson	66.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
FRENCHMAN RIVER					
Below Grosbach-Williams Power Plant—Sec. 5-5-37 W.					
7-21	M. V. Adkisson	85.3	8-9	M. V. Adkisson	72.1
FRENCHMAN RIVER					
Above Krotter Dam at Palisade—Sec. 32-5-33 W.					
6-28	M. V. Adkisson	76.0			
FRENCHMAN RIVER					
Below Krotter Dam at Palisade—Sec. 32-5-33 W.					
6-28	M. V. Adkisson	0.3			
GORDON CREEK					
Valentine—Sec. 30-33-28 W.					
10-10	C. E. Franklin	8.6	5-28	C. E. Franklin	10.3
11-2	do	4.0	7-1	do	7.9
11-23	do	10.5	7-19	do	11.7
12-12	do	5.5	8-24	do	5.9
1-3	do	6.7	9-8	do	4.5
1-19	do	8.6	9-24	do	6.3
GRAVEL CREEK					
Sec. 9-14-36 W.					
10-15	A. C. Hilpert	1.7	4-4	A. C. Hilpert	2.1
11-12	do	2.5	5-4	do	2.9
12-2	do	2.7	6-15	do	3.0
1-6	do	2.1	6-29	do	2.9
3-9	do	3.5	7-14	do	2.2
GRAVEL CREEK					
Near Elyria—Sec. 29-20-14 W.					
10-12	D. E. Olson	0.0			
GREENWOOD CREEK					
Mouth—Sec. 26-19-50 W.					
10-20	C. E. Franklin	2.4	4-8	C. E. Franklin	0.0
11-15	do	6.9			
HASKELL CREEK					
Ord—Sec. 4-19-14 W.					
10-12	D. E. Olson	0.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
HAT CREEK					
Above Coffee Canal—Sec. 35-33-55 W.					
10-15	C. E. Franklin	3.3	7-25	C. E. Franklin	0.7
11-28	Franklin-Rasmussen	1.4	8-7	do	.5
1-23	C. E. Franklin	3.4	8-27	do	1.5
4-26	do	2.1	9-13	do	2.0
6-7	do	3.7	9-29	do	1.7
7-9	do	3.3			
HAWTHORNE CREEK					
Arcadia—Sec. 23-17-16 W.					
10-19	D. E. Olson	0.1			
HAYS CREEK					
Arcadia—Sec. 5-16-15 W.					
10-19	D. E. Olson	0.0			
HERSHEY DRAIN					
Sec. 33-14-32 W.					
10-6	Melvin Kleen	9.6	4-6	Melvin Kleen	14.4
10-20	do	12.2	4-26	do	16.3
11-3	do	11.6	5-3	do	15.5
11-18	do	12.4	5-18	do	13.4
12-10	do	13.5	6-6	do	14.6
1-5	do	14.1	6-17	do	18.1
1-22	do	13.0	6-30	do	14.5
2-21	do	15.1	7-20	do	16.7
3-4	do	17.4	9-21	A. C. Hilpert	13.9
3-13	do	18.1	9-29	do	13.8
3-31	do	15.9			
HORSE CREEK					
Pringle's Ranch—Sec. 23-1-39 W.					
10-13	D. B. Ender	1.2	8-2	M. V. Adkisson	0.9
6-23	M. V. Adkisson	1.2			
HORSE CREEK					
Near Fullerton—South Line of Sec. 33-15-7 W.					
10-15	D. E. Olson	0.0			
INDIAN CREEK					
Sec. 16-32-50 W.					
11-26	C. E. Franklin	0.4	5-31	C. E. Franklin	0.4

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
INDIAN CREEK					
Sec. 5-32-50 W.					
11-13	C. E. Franklin	0.0	8- 5	C. E. Franklin	0.2
4-13	do	1.6	8-26	do	.2
5- 5	do	2.0	9-10	do	.0
7- 6	do	.4	9-27	do	.0
7-22	do	.3			
INDIAN CREEK					
Northport Wye—Sec. 19-20-50 W.					
10-18	J. P. Hansen	9.1	1-22	J. P. Hansen	5.3
10-25	do	10.8	2- 7	do	6.5
11- 6	do	9.4	2-14	do	4.9
11-20	do	9.7	2-28	do	5.6
11-27	do	8.4	3- 6	do	5.6
12-20	do	6.8	4- 8	do	4.8
1- 3	do	6.2			
INDIAN CREEK					
Max—Sec. 23-2-36 W.					
10-14	D. B. Ender	1.5	8- 1	M. V. Adkisson	2.8
JIM CREEK					
Above High Line Canal, SW $\frac{1}{4}$ —Sec. 13-33-57 W.					
11- 5	Franklin-Rasmussen	0.3	8-27	C. E. Franklin	0.3
6- 7	C. E. Franklin	.4	8-27	do	.4
7- 9	do	.4	9-13	do	.2
7-25	do	.2	9-29	do	.2
8- 7	do	.2			
JIM CREEK					
Below D-543—Sec. 13-33-57 W.					
11- 5	Franklin-Rasmussen	0.2			
JIM CREEK					
Above Caladonia Dam—Sec. 13-33-56 W.					
11- 9	C. E. Franklin	0.4	7-25	C. E. Franklin	.2
11-12	Franklin-Rasmussen	.3	8- 7	do	.2
11-28	do	.4	8-27	do	.3
1-23	C. E. Franklin	.4	9-13	do	.2
6- 7	do	.4	9-29	do	.3
7- 9	do	.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Hydrographer	Discharge Sec.-ft.
		Sec.-ft.	Date		
JIM CREEK					
Below Caladonia Dam—Sec. 13-33-56 W.					
11- 5	Franklin-Rasmussen	0.5	7- 9	C. E. Franklin	0.4
11- 9	C. E. Franklin	.2	7-25	do	.1
11-12	Franklin-Rasmussen	.1	8- 7	do	.2
11-28	do	.5	9-13	do	.4
1-23	C. E. Franklin	.4	9-29	do	.2
6- 7	do	.3			
JIM CREEK					
Below Slattery Canal—Sec. 14-33-57 W.					
8- 7	C. E. Franklin	0.2	9-29	C. E. Franklin	0.2
9-13	do	.2			
JIM CREEK					
Above D-536, SE $\frac{1}{4}$ SE $\frac{1}{4}$ —Sec. 14-33-57 W.					
6- 7	C. E. Franklin	0.3	9-13	C. E. Franklin	0.2
7-25	do	.2	9-29	do	.2
8-27	do	.2			
JIM CREEK					
Sec. 7-33-56 W.					
11- 5	Franklin-Rasmussen	0.0	7-25	C. E. Franklin	0.0
11-10	C. E. Franklin	.0	8- 7	do	.0
11-28	Franklin-Rasmussen	.1	8-27	do	.0
1-11	C. E. Franklin	.3	9-13	do	.0
1-23	do	.3	9-29	do	.0
7- 9	do	.0			
JIM CREEK					
Above Dout Reservoir—Sec. 18-33-56 W.					
11- 5	Franklin-Rasmussen	0.4	11- 9	C. E. Franklin	0.1
KATY CREEK					
Near Cushing—Sec. 14-15-10 W.					
10-15	D. E. Olson	0.0			
KINGSLEY DAM SEEPAGE					
Drain at Station 20—Sec. 3-14-38 W.					
10-14	A. C. Hilpert	0.0	4- 5	A. C. Hilpert	0.0
11-11	do	.0	5- 3	do	.0
12- 3	do	.0	5-24	do	.0
12-30	do	.0	6-14	do	.0
2- 3	do	.0	6-29	do	.0
3- 2	do	.0	7-27	do	.0
3-23	do	.0	8-28	do	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 30—Sec. 3-14-38 W.					
10-14	A. C. Hilpert	0.0	4- 5	A. C. Hilpert	0.2
11-11	do	.0	5- 3	do	.1
12- 3	do	.0	5-24	do	.0
12-30	do	.0	6-14	do	.0
2- 3	do	.0	6-29	do	.0
3- 2	do	.1	7-27	do	.0
3-23	do	.1	8-28	do	.1
KINGSLEY DAM SEEPAGE					
Drain at Station 40—Sec. 3-14-38 W.					
10-14	A. C. Hilpert	0.0	4- 5	A. C. Hilpert	0.0
11-11	do	.0	5- 3	do	.0
12- 3	do	.0	5-24	do	.0
12-30	do	.0	6-14	do	.0
2- 3	do	.0	6-29	do	.0
3- 2	do	.0	7-27	do	.0
3-23	do	.0	8-28	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 50—Sec. 34-14-38 W.					
10-14	A. C. Hilpert	0.0	4- 5	A. C. Hilpert	0.0
11-11	do	.0	5- 3	do	.0
12- 3	do	.0	5-24	do	.0
12-30	do	.0	6-14	do	.0
2- 3	do	.0	6-29	do	.0
3- 2	do	.0	7-27	do	.0
3-23	do	.0	8-28	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 60—Sec. 34-15-38 W.					
10-14	A. C. Hilpert	0.5	4- 5	A. C. Hilpert	1.8
11-11	do	.4	5- 3	do	1.1
12- 3	do	.8	5-24	do	.6
12-30	do	.4	6-14	do	.6
2- 3	do	.2	6-29	do	.7
3- 2	do	.2	7-27	do	.6
3-23	do	.7	8-28	do	.6
KINGSLEY DAM SEEPAGE					
Drain at Station 70—Sec. 34-15-38 W.					
10-14	A. C. Hilpert	3.3	4- 5	A. C. Hilpert	1.5
11-11	do	3.4	5- 3	do	3.9
12- 3	do	3.2	5-24	do	4.2
12-30	do	3.4	6-14	do	5.0
2- 3	do	3.5	6-29	do	5.0
3- 2	do	3.4	7-27	do	3.4
3-23	do	3.2	8-28	do	4.6

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
KINGSLEY DAM SEEPAGE					
Drain at Station 80—Sec. 34-15-38 W.					
10-14	A. C. Hilpert	6.9	4- 5	A. C. Hilpert	7.4
11-11	do	6.9	5- 3	do	6.3
12- 3	do	5.2	5-24	do	7.1
12-30	do	5.5	6-14	do	6.9
2- 3	do	6.2	6-29	do	7.1
3- 2	do	6.0	7-27	do	8.0
3-23	do	6.0	8-28	do	7.6
KINGSLEY DAM SEEPAGE					
Drain at Station 94—Sec. 34-15-38 W.					
10-14	A. C. Hilpert	0.0	4- 5	A. C. Hilpert	0.0
11-11	do	.0	5- 3	do	.0
12- 3	do	.0	5-24	do	.0
12-30	do	.0	6-14	do	.0
2- 3	do	.0	6-29	do	.0
3- 2	do	.0	7-27	do	.0
3-23	do	.0	8-28	do	.0
KINGSLEY DAM SEEPAGE					
Drain at Station 100—Sec. 34-15-38 W.					
10-14	A. C. Hilpert	0.0	4- 5	A. C. Hilpert	0.0
11-11	do	.0	5- 3	do	.0
12- 3	do	.0	5-24	do	.0
12-30	do	.0	6-14	do	.0
2- 3	do	.0	6-29	do	.0
3- 2	do	.0	7-27	do	.1
3-23	do	.0	8-28	do	.1
LANE DRAIN					
Sec. 30-23-57 W.					
10-21	J. P. Hansen	2.3	3- 2	J. P. Hansen	1.0
12- 1	do	2.0	4-19	do	.5
12-30	do	2.1	5- 9	do	.7
1-17	do	1.4	6-15	do	2.4
LARABEE CREEK					
Sec. 6-34-44 W.					
10- 9	C. E. Franklin	1.9	4-28	C. E. Franklin	4.4-
10-29	do	2.4	5-26	do	5.7
11-22	do	3.4	6-29	do	3.6
12-13	do	4.0	7-18	do	3.5
1- 1	do	2.2	8- 4	do	3.1
1-18	do	2.8	9- 6	do	6.5
3-29	do	4.4	9-22	do	1.1

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LAWRENCE FORK					
Sec. 36-19-52 W.					
11-16	C. E. Franklin	0.1	4- 8	C. E. Franklin	4.1
2-17	do	14.6			
LAWRENCE FORK					
Sec. 11-18-52 W.					
7-31	J. P. Hansen	0.0			
LEE CREEK					
North Line of Sec. 20-17-16 W.					
10-20	D. E. Olson	0.0			
LINCOLN COUNTY DRAIN NO. 1					
North Platte—Sec. 30-14-30 W.					
10- 6	Melvin Kleen	69.3	1-31	Melvin Kleen	34.2
10-13	do	62.7	2-21	do	36.6
10-20	do	63.9	2-28	do	39.4
11- 3	do	50.9	3- 4	do	40.7
11-10	do	50.3	3-13	do	35.7
11-18	do	43.0	3-31	do	34.9
12-10	do	39.5	4- 6	do	35.9
12-27	do	36.6	4-18	do	34.3
1- 5	do	42.5	4-26	do	44.7
1-22	do	34.7			
LINCOLN COUNTY DRAIN NO. 2					
Sec. 12-14-33 W.					
10-15	A. C. Hilpert	3.4	5- 4	A. C. Hilpert	4.2
10-29	do	2.7	5-11	do	3.5
11-12	do	3.0	5-25	do	2.5
11-26	do	2.4	6-16	do	3.1
12-17	do	2.6	6-23	do	3.2
12-29	do	2.6	6-30	do	3.4
2- 4	do	2.1	7-14	do	3.3
2-25	do	3.0	8- 9	do	2.9
3-10	do	3.0	8-30	do	2.9
3-24	do	3.1	9-19	Hansen-Tefft	3.1
4- 4	do	2.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
LODGEPOLE CREEK					
Wyoming-Nebraska Line—Sec. 11-14-59 W.					
10- 2	C. E. Franklin	3.1	4- 5	C. E. Franklin	7.0
10-22	do	2.2	4-19	do	6.6
11-17	do	3.0	5-15	do	5.4
12- 2	do	4.2	6-12	Franklin-Hanna	5.2
12-21	do	5.8	7-12	do	2.4
1-13	do	4.7	7-28	C. E. Franklin	4.9
1-25	do	5.9	8-17	do	2.7
2-17	do	9.0	8-29	do	5.6
3-13	do	6.3	9-17	Franklin-Hanna	1.0
LODGEPOLE CREEK					
Above State Nursery Pond—Sec. 36-15-57 W.					
6-13	Franklin-Hanna	3.4			
LODGEPOLE CREEK					
Below Oliver Reservoir—Sec. 31-15-56 W.					
10- 3	C. E. Franklin	1.8	1-24	C. E. Franklin	4.9
10-22	do	2.0	2-17	do	6.7
11-17	do	2.7	3-13	do	2.7
12- 2	do	2.6	4- 4	do	2.9
12-21	do	4.3	4-18	do	2.1
1-13	do	3.4			
LODGEPOLE CREEK					
Kimball—Sec. 29-15-55 W.					
10-21	C. E. Franklin	6.1	4-18	C. E. Franklin	9.0
11-16	do	13.4	5-14	do	16.0
12- 2	do	9.9	6-13	Franklin-Hanna	9.1
12-21	do	10.1	7-11	C. E. Franklin	12.4
1-13	do	4.6	7-28	Franklin-Hanna	5.1
1-24	do	9.2	8-16	C. E. Franklin	.7
2-17	do	19.7	8-29	do	.7
3-13	do	9.6	9-17	Franklin-Hanna	.0
4- 4	do	12.8			
LODGEPOLE CREEK					
Below Owasco Canal—Sec. 29-15-55 W.					
10- 3	C. E. Franklin	0.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge
		Sec.-ft.	Sec.-ft.			
LODGEPOLE CREEK						
Dix—Sec. 26-15-54 W.						
10- 3	C. E. Franklin	0.0		4- 5	C. E. Franklin	0.8
10-23	do	.0		4-19	do	1.8
11-17	do	.0		5-15	do	.0
12- 2	do	.0		6-14	do	.0
12-21	do	.0		7-13	do	71.6
1-13	do	.0		7-29	do	.0
1-25	do	.3		8-17	do	.0
2-17	do	.3		8-30	do	.0
3-13	do	2.4		9-18	do	.0
LODGEPOLE CREEK						
Potter—Sec. 6-14-52 W.						
10- 4	C. E. Franklin	0.0		4- 5	C. E. Franklin	0.0
10-23	do	.0		4-19	do	.0
11-17	do	.0		5-15	do	.0
12- 2	do	.0		6-14	do	.0
12-21	do	.0		7-13	do	71.7
1-13	do	.0		7-29	do	.0
1-25	do	.0		8-17	do	.0
2-17	do	.0		8-30	do	.0
3-13	do	.0		9-18	do	.0
LODGEPOLE CREEK						
Sidney—Sec. 31-14-49 W.						
10- 4	C. E. Franklin	0.1		4- 6	C. E. Franklin	0.7
10-23	do	.1		4-19	do	.6
11-17	do	.2		5-16	do	.5
12- 2	do	.4		6-14	do	.0
12-21	do	.3		7-13	do	163.0
1-13	do	.2		7-29	do	3.2
1-25	do	.2		8-18	do	.3
2-18	do	.3		8-30	do	2.4
3-14	do	.2		9-18	do	.7
LODGEPOLE CREEK						
Above Krueger Canal—Sec. 31-14-48 W.						
10- 5	C. E. Franklin	3.5		3-14	C. E. Franklin	6.7
10-23	do	4.7		4- 6	do	7.2
11-18	do	5.2		5-16	do	8.5
12- 2	do	6.6		6-14	do	6.8
12-21	do	7.0		7-13	do	.0
1-14	do	4.3		7-29	do	10.2
1-25	do	6.8		8-18	do	7.7

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.	Sec.-ft.			
LODGEPOLE CREEK						
Below Krueger's Lake—Sec. 29-14-48 W.						
10- 5	C. E. Franklin	0.1	4- 6	C. E. Franklin		2.5
10-23	do	2.6	4-20	do		5.4
11-18	do	2.1	5-16	do		3.6
12- 2	do	1.7	6-14	do		1.4
12-21	do	4.7	7-13	do		.0
1-14	do	3.3	7-29	do		10.3
1-25	do	5.1	8-18	do		6.7
2-18	do	2.8	8-30	do		8.5
3-14	do	2.5	9-18	do		4.2
LODGEPOLE CREEK						
South of Sunol—Sec. 36-14-48 W.						
10- 5	C. E. Franklin	0.3	4- 6	C. E. Franklin		4.2
10-23	do	1.8	4-20	do		2.4
11-18	do	2.0	5-17	do		7.0
12- 3	do	1.3	6-14	do		4.7
12-22	do	1.0	7-13	do		.0
1-13	do	1.2	7-29	do		9.6
1-25	do	1.8	8-19	do		5.6
2-18	do	2.1	8-30	do		5.1
3-14	do	2.6	9-18	do		3.2
LODGEPOLE CREEK						
Lodgepole—Sec. 30-14-46 W.						
10- 5	C. E. Franklin	0.7	4- 6	C. E. Franklin		7.1
10-24	do	1.5	4-20	do		12.3
11-18	do	2.6	5-17	do		.4
12- 3	do	2.0	6-14	do		5.8
12-22	do	2.5	7-13	do		.0
1-14	do	2.6	7-29	do		.0
1-25	do	5.5	8-19	do		.0
2-19	do	2.7	8-31	do		.0
3-14	do	4.6	9-18	do		.0
LODGEPOLE CREEK						
Chappell—Sec. 21-13-45 W.						
10- 5	C. E. Franklin	0.2	5-17	C. E. Franklin		7.8
10-24	do	.1	6-16	do		6.6
11-18	do	.2	7-13	do		19.4
12- 3	do	.1	7-13	do		514.0
12-22	do	.4	7-14	do		573.0
1-14	do	1.4	7-31	do		30.5
1-25	do	3.7	8-19	do		17.2
3-14	do	5.4	8-31	do		11.1
4- 6	do	12.7	9-18	do		6.2
4-20	do	19.7				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

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

Interstate Station at Ralton—Sec. 12-12-45 W.

10-5	C. E. Franklin	3.5	4-20	C. E. Franklin	15.4
10-24	do	2.1	5-21	do	13.6
11-18	do	2.0	6-16	do	10.7
12- 3	do	4.1	7-15	do	219.0
12-22	do	2.5	7-31	do	28.2
1-14	do	1.8	8-19	do	7.0
1-25	do	4.5	8-31	do	8.6
3-14	do	7.4	9-18	do	3.4
4- 6	do	16.5			

LONERGAN CREEK

Lemoyne—Sec. 19-15-39 W.

10- 6	E. S. Kimmel	5.8	5- 3	A. C. Hilpert	4.7
10-20	A. C. Hilpert	4.2	5-17	do	5.8
11- 3	E. S. Kimmel	6.6	5-24	do	5.1
11-17	A. C. Hilpert	5.8	6-14	do	6.2
12- 1	do	6.0	6-21	do	5.1
12-15	do	6.2	6-28	do	4.6
1- 4	do	7.1	7-13	do	4.4
4- 5	do	6.0	9-17	Hansen-Tefft	3.9

LOST CREEK

Sec. 1-16-44 W.

10- 5	E. S. Kimmel	0.7	11-30	A. C. Hilpert	0.0
10-13	A. C. Hilpert	1.0	12-15	do	.0
10-19	do	1.0	6-27	do	.0
10-26	do	.0	7- 5	do	.0
11- 9	do	.0			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date			Sec.-ft.
LOUP RIVER, MIDDLE					
Rockville—Sec. 8-13-13 W.					
10- 6	D. E. Olson	755	4-26	C. V. Burns	1350
10-14	do	1150	5- 1	do	1040
10-21	do	1020	5-10	do	958
10-29	do	792	5-13	do	832
11- 3	do	887	5-22	do	2120
11-19	D. T. Hartley	823	5-31	do	849
11-24	D. E. Olson	847	6- 6	Burns-Hungate	921
11-30	do	846	6-22	Leeson-Hungate	745
12-23	Olson-Ryan	603	6-28	J. D. Hungate	685
12-30	do	665	7- 4	do	960
1-13	D. T. Hartley	699	7-11	Burns-Hungate	690
1-19	C. V. Burns	1060	7-18	J. D. Hungate	640
1-26	do	1190	7-24	do	612
2- 5	D. E. Olson	1080	8- 1	do	398
2- 9	do	1110	8- 8	do	391
2-23	do	955	8-16	do	306
2-28	do	1240	8-22	do	539
3-18	do	1060	8-29	do	712
3-23	do	1210	9- 5	do	739
3-27	do	1040	9-11	do	837
4- 5	do	1010	9-18	do	710
4-13	do	986	9-25	do	699
4-18	C. V. Burns	1110			
LOUP RIVER, MIDDLE					
Boelus—Sec. 29-13-12 W.					
10-14	D. E. Olson	277.0	11- 1	D. E. Olson	227.0
10-22	do	777.0	12- 1	do	120.0
MEDICINE CREEK					
Near Cambridge—Sec. 18-4-25 W.					
10- 1	D. B. Ender	45.4	3-19	M. V. Adkisson	62.1
10-11	do	36.4	3-30	do	61.6
10-20	do	39.3	4- 6	do	57.3
11- 1	M. V. Adkisson	52.9	4-12	Adkisson-Ender	79.9
11-10	do	53.1	4-24	M. V. Adkisson	345.0
11-16	Adkisson-Lewis	44.1	5-10	do	66.3
11-24	M. V. Adkisson	49.2	5-13	do	66.5
12- 3	do	54.7	5-27	Adkisson-Jones	47.9
12-18	do	41.7	6-16	M. V. Adkisson	99.0
12-31	do	46.6	6-21	do	55.3
1- 9	do	23.3	6-27	do	53.3
1-15	do	43.2	7-14	Adkisson-Whitaker	485.0
1-21	do	65.3	7-21	G. L. Whitaker	55.8
1-29	do	122.0	7-27	M. V. Adkisson	46.2
2- 3	do	56.8	7-31	Adkisson-Whitaker	760.0
2-26	do	39.2	8- 9	G. L. Whitaker	72.9
3- 9	do	64.6			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MEDICINE CREEK					
Near Cambridge—Sec. 29-4-25 W.					
7-31	Adkisson-Whitaker	817.0	9-15	M. V. Adkisson	34.8
8-19	M. V. Adkisson	31.0	9-23	R. G. Meininger	28.4
9- 1	G. L. Whitaker	44.4	9-30	do	35.9
9- 9	do	36.8			
MELBETA DRAIN					
One-half Mile West Melbeta Bridge—Sec. 25-21-54 W.					
10-13	J. P. Hansen	2.4	2- 4	J. P. Hansen	2.1
11-17	do	2.1	2-29	do	2.0
11-30	do	2.1	4-20	do	.0
12-21	do	1.7			
MESSENGER CREEK					
Sumter—Sec. 26-19-13 W.					
10-15	D. E. Olson	0.1			
MINNECHADUZA CREEK					
Near Valentine—Sec. 23-34-29 W.					
10-11	C. E. Franklin	11.2	4-29	C. E. Franklin	48.9
11- 3	do	19.0	5-30	do	29.5
11-24	do	19.8	7- 2	do	19.9
12-13	do	8.2	7-20	do	32.3
1- 4	do	22.1	8-23	do	22.9
1-20	do	24.8	9- 9	do	15.0
2- 8	do	31.1	9-23	do	17.4
3-30	do	57.5			
MIRA CREEK					
North Loup —Sec. 26-18-13 W.					
10-12	D. E. Olson	1.0			
MONROE CREEK					
Above Reservoir—Sec. 14-33-56 W.					
10-16	C. E. Franklin	0.0	8- 7	C. E. Franklin	0.5
4-26	do	.1	8-27	do	1.4
6- 7	do	.9	9-13	do	.1
7- 9	do	.7	9-29	do	.1
7-25	do	.5			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
MONROE CREEK					
Below Monroe Canal—Sec. 33-33-56 W.					
10-16	C. E. Franklin	0.0	7- 9	C. E. Franklin	0.0
11- 5	Franklin-Rasmussen	.0	7-25	do	.0
11-28	C. E. Franklin	2.9	8- 7	do	.0
1-11	do	.0	8-27	do	1.0
1-23	do	.0	9-13	do	.1
6- 6	do	.0	9-29	do	.0
MUNSON CREEK					
Elba—Sec. 33-16-11 W.					
10-12	D. E. Olson	0.0			
NIOBRARA RIVER					
Wyoming-Nebraska State Line—Sec. 20-31-58 W.					
10-19	C. E. Franklin	4.6	5-12	C. E. Franklin	9.8
11-12	Franklin-Rasmussen	6.4	6- 8	do	6.1
11-29	C. E. Franklin	6.1	7-10	do	4.2
1- 9	do	5.4	7-26	do	10.2
1-22	do	4.5	9-30	do	7.2
NIOBRARA RIVER					
South of Harrison—Sec. 9-29-56 W.					
10-19	C. E. Franklin	6.0	5-12	C. E. Franklin	12.8
11-14	do	8.4	6- 8	do	8.2
11-27	do	12.7	7-10	do	5.0
1- 9	do	10.1	7-26	do	13.6
1-22	do	11.6	8-28	do	5.8
4-14	do	15.3	9-30	do	4.4
NIOBRARA RIVER					
Below Mouth of Whistle Creek—Sec. 7-28-53 W.					
10-13	Franklin-Rasmussen	8.5	6- 3	C. E. Franklin	8.7
11-27	C. E. Franklin	19.5	7- 8	do	15.7
1- 9	do	20.6	7-23	do	9.6
1-22	do	32.7	8- 8	do	8.0
2-14	do	26.0	8-28	do	10.0
3- 4	do	41.3	9-14	do	32.9
4-14	do	38.6	9-25	do	12.2
5-11	do	30.3			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIOBRARA RIVER					
Agate—Sec. 7-28-55 W.					
10-13	Franklin-Rasmussen	10.1	5-11	C. E. Franklin	19.7
11-14	C. E. Franklin	16.3	6- 3	do	12.3
11-27	do	14.7	7- 8	do	7.6
1- 9	do	18.6	7-23	do	8.3
1-22	do	19.4	8- 8	do	6.8
2-14	do	16.5	8-28	do	7.4
3- 4	do	29.6	9-15	do	10.6
4-14	do	24.4	9-26	do	6.1
NIOBRARA RIVER					
East of Marsland—Sec. 36-29-51 W.					
10-13	C. E. Franklin	18.4	5-11	C. E. Franklin	52.7
11- 8	do	10.1	6- 3	do	22.5
11-27	do	20.7	7- 8	do	99.9
1- 9	do	23.2	7-23	do	21.2
1-22	do	30.0	8- 8	do	20.9
2-14	do	19.8	8-28	do	26.2
3- 4	do	52.6	9-14	do	30.5
4-14	do	44.9	9-26	do	24.7
NIOBRARA RIVER					
Camp Felton—Sec. 29-29-49 W.					
10- 8	C. E. Franklin	12.8	5-23	C. E. Franklin	52.7
10-28	do	20.2	6-17	do	56.9
12-27	do	47.3	7-17	do	32.7
1-17	do	37.4	8- 3	do	87.8
2-23	do	37.5	8-21	do	52.8
3-17	do	85.9	9-21	do	30.3
4-25	do	71.7			
NIOBRARA RIVER					
South of Gordon—Sec. 15-31-41 W.					
10- 9	C. E. Franklin	83	4-29	C. E. Franklin	167
10-29	do	105	5-27	do	152
11-22	do	132	6-30	do	103
12-13	do	143	7-20	do	149
1- 1	do	111	8- 4	do	152
1-18	do	155	8-25	do	184
2- 8	do	195	9- 7	do	116
2-25	do	166	9-23	do	99
3-29	do	202			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
NIOBRARA RIVER					
Valentine—Sec. 28-33-28 W.					
10-10	C. E. Franklin	643	5-28	C. E. Franklin	821
11- 2	do	812	7- 1	do	591
11-23	do	716	7-19	do	874
12-12	do	713	8-24	do	825
1- 3	do	756	9- 8	do	572
1-19	do	0	9-24	do	653
NIOBRARA RIVER					
Below Dam at Valentine—Sec. 22-34-27 W.					
10-10	C. E. Franklin	660	5- 1	C. E. Franklin	889
11- 2	do	772	5-29	do	861
11-23	do	757	7- 2	do	741
1- 2	do	676	7-20	do	660
1-20	do	924	8-24	do	1000
2- 8	do	996	9- 9	do	686
2-27	do	708	9-25	do	598
3-30	do	990			
NORTH PLATTE RIVER, SOUTH CHANNEL					
Below Gering Spillway—Sec. 3-23-58 W.					
5-10	J. P. Hansen	17.4			
NORTH PLATTE RIVER, NORTH CHANNEL					
Below Tri-State Needle Dam—Sec. 10-23-58 W.					
8- 4	Walter Moomey	76.0			
NORTH PLATTE RIVER, RAMSHORN CHANNEL					
Below Tri-State Control and Spillway—Sec. 13-23-58 W.					
8- 4	Walter Moomey	10.0			
OTTER CREEK					
Lemoyne—Sec. 9-15-40 W.					
10- 6	E. S. Kimmel	20.9	5- 3	A. C. Hilpert	21.2
10-20	A. C. Hilpert	23.1	5-17	do	20.4
11- 3	E. S. Kimmel	20.7	5-24	do	20.3
11-17	A. C. Hilpert	21.4	6-14	do	20.5
12- 1	do	24.4	6-21	do	20.3
12-15	do	22.0	6-28	do	22.7
1- 4	do	21.2	7-13	do	22.9
4- 5	do	17.2	9-15	Hansen-Tefft	18.3

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.	Sec.-ft.			
PAWNEE CREEK						
Sec. 4-12-27 W.						
10-14	Melvin Kleen	2.6	4-24	Melvin Kleen		36.3
10-22	do	3.5	5-10	do		8.7
10-29	do	4.1	5-17	do		5.7
11- 5	do	5.1	5-25	do		4.4
11-29	do	5.8	6- 2	do		5.1
12-15	do	.9	6- 9	do		6.2
12-22	do	5.3	6-26	do		3.1
12-30	do	3.2	7- 3	do		2.8
1-19	do	3.9	7-11	do		6.4
2- 4	do	10.3	7-19	do		2.8
2-28	do	16.0	8- 3	A. C. Hilpert		1.2
3-10	do	20.2	8-21	do		1.9
3-20	do	9.6	9- 1	do		1.8
3-27	do	10.0	9-18	do		1.0
4- 3	do	8.5	9-26	do		.1
PINE CREEK						
Colelesser Mill—Sec. 33-30-44 W.						
10- 9	C. E. Franklin	20.0	5-27	C. E. Franklin		29.0
10-28	do	19.0	6-30	do		17.2
11-22	do	17.1	7-18	do		15.2
12-13	do	25.7	8- 4	do		11.9
1- 1	do	19.9	8-23	do		21.7
1-18	do	24.8	9- 6	do		18.0
3-29	do	45.7	9-22	do		14.6
4-28	do	23.9				
PLATTE RIVER						
Below Tri-County Diversion—Sec. 8-13-29 W.						
10-11	Melvin Kleen	57.2	5- 9	Melvin Kleen		2.0
11-13	do	43.0	6- 6	do		.5
3-31	do	1.0	6-27	do		.4
4- 3	do	48.0	7- 5	do		62.8
PRAIRIE DOG CREEK						
Below D-508, Schilt-Prairie Dog Canal—Sec. 35-33-56 W.						
5- 9	Franklin-Rasmussen	0.0				
PRAIRIE DOG CREEK						
Above D-508, Schilt-Prairie Dog Canal—Sec. 35-33-56 W.						
11-28	Franklin-Rasmussen	0.0				
PUMPKINSEED CREEK						
Below Schnell Canal—Sec. 1-19-56 W.						
12-15	J. P. Hansen	2.1				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
PUMPKINSEED CREEK					
Gering-Kimball Highway—Sec. 4-19-55 W.					
11-16	C. E. Franklin	1.4	5-14	C. E. Franklin	8.8
12- 1	do	2.2	6-12	do	7.2
12-20	do	2.7	7-11	do	20.0
1-24	do	1.8	7-27	Franklin-Hanna	1.3
3-13	do	10.6	8-16	C. E. Franklin	.8
4- 4	do	4.2	8-29	do	2.2
4-18	do	4.6			
RED CREEK, LITTLE					
Below Zerbst Canal—Sec. 34-33-56 W.					
10-16	C. E. Franklin	0.0	5- 9	Franklin-Rasmussen	0.0
REPUBLICAN RIVER, NORTH FORK					
Benkelman—Sec. 19-1-37 W.					
10-14	D. B. Ender	49.7	8- 2	M. V. Adkisson	34.3
6-24	M. V. Adkisson	18.9			
REPUBLICAN RIVER					
McCook—Sec. 32-3-29 W.					
6-29	M. V. Adkisson	122.0			
ROCK CREEK					
Near Rockville—Sec. 5-13-13 W.					
10-21	D. E. Olson	0.0			
ROCK CREEK					
Near Palmer—Sec. 7-15-8 W.					
10-15	D. E. Olson	0.0			
SAND CREEK					
Sec. 10-15-40 W.					
10- 6	E. S. Kimmel	2.8	5- 3	A. C. Hilpert	3.4
10-20	A. C. Hilpert	3.2	5-17	do	3.7
11- 3	E. S. Kimmel	4.2	5-24	do	3.7
11-17	A. C. Hilpert	4.1	6-14	do	4.0
12- 1	do	3.4	6-21	do	3.5
12-15	do	3.2	6-28	do	3.6
1- 4	do	3.3	7-13	do	4.0
4- 5	do	4.0	9-15	Hansen-Tefft	2.2
SAPPA CREEK					
Stamford—Sec. 26-2-21 W.					
7-19	Lewis-Leeson	4760			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
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SARBEN SLOUGH

Sec. 20-14-35 W.

10- 7	E. S. Kimmel	4.6	5-12	A. C. Hilpert	5.4
10-15	A. C. Hilpert	4.7	5-18	do	3.8
10-21	do	4.1	5-25	do	4.2
10-29	do	6.0	6-15	do	4.1
11- 4	E. S. Kimmel	5.6	6-22	do	3.0
11-12	A. C. Hilpert	5.1	6-29	do	2.8
11-18	do	5.5	7- 6	do	2.5
12- 2	do	6.2	7-14	do	3.0
12-16	do	5.3	7-27	do	2.2
12-30	do	5.3	8-10	do	2.5
2- 4	do	6.8	8-17	do	2.2
2-15	do	5.7	8-29	do	4.6
3- 9	do	6.8	9-13	do	3.5
4- 4	do	5.7	9-18	Hansen-Tefft	3.9
5- 4	do	6.6			

SCOTTSBLUFF DRAIN NO. 1

Sec. 25-22-55 W.

10-13	J. P. Hansen	16.9	1-20	J. P. Hansen	8.4
10-20	do	14.2	2- 2	do	8.3
11- 5	do	13.1	2- 8	do	8.4
11-17	do	12.6	2-29	do	8.0
11-24	do	11.8	3-15	do	6.9
11-30	do	12.4	3-22	do	7.4
12-22	do	10.0	4- 4	do	6.5
1- 4	do	9.4	4-17	do	7.0

SCOTTSBLUFF DRAIN NO. 2

Sec. 34-22-54 W.

10-13	J. P. Hansen	4.1	1-20	J. P. Hansen	1.0
10-26	do	3.7	2- 8	do	1.0
11-17	do	2.0	2-29	do	1.0
11-30	do	1.7	3-22	do	1.1
12-21	do	1.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SCOUT CREEK					
North Platte—Sec. 20-14-30 W.					
10- 6	Melvin Kleen	16.2	5- 3	Melvin Kleen	3.5
10-20	do	7.9	5-29	do	19.7
11- 3	do	.6	6-17	do	4.6
11-18	do	.2	6-30	do	5.0
12-10	do	.1	7-20	do	27.5
1- 5	do	3.0	8- 6	A. C. Hilpert	1.4
1-22	do	.1	8-18	do	.5
2-21	do	.1	8-31	do	30.7
3- 4	do	.1	9-14	do	23.2
4- 6	do	1.0	9-21	do	32.5
4-26	do	2.6	9-29	do	10.7

SHEPHERD CREEK					
Near North Loup—Sec. 30-18-12 W.					
10-15	D. E. Olson	0.0			

SILVERNAIL DRAIN					
Sec. 6-19-49 W.					
10- 4	E. S. Kimmel	11.5	1- 3	A. C. Hilpert	6.7
10-18	A. C. Hilpert	6.8	1-21	E. S. Kimmel	6.0
10-26	do	7.4	2- 5	A. C. Hilpert	5.7
11-13	do	6.8	2-24	do	5.9
11-20	do	6.7	3-11	do	4.8
11-27	do	6.0	3-20	do	4.0
12- 6	do	7.0	4- 7	do	4.7
12-18	do	6.8	4-17	E. S. Kimmel	5.3

SKUNK CREEK					
Sec. 1-14-37 W.					
10-15	A. C. Hilpert	0.7	4- 4	A. C. Hilpert	2.0
11-12	do	2.4	5- 4	do	2.5
12- 2	do	3.7	6-15	do	1.7
1- 6	do	2.8	6-29	do	1.5
3- 9	do	2.5	7-14	do	.6

SNAKE CREEK					
Alliance-Bridgeport Highway—Sec. 8-24-48 W.					
8-21	C. E. Franklin	0.0	9-21	C. E. Franklin	6.0
9-5	do	1.8			

BUREAU OF IRRIGATION

319

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SNAKE RIVER					
5 Miles above Falls—Sec. 2-31-30 W.					
10-10	C. E. Franklin	225	5-28	C. E. Franklin	271
11- 1	do	262	7- 1	do	226
12-12	do	243	7-19	do	219
1- 3	do	227	9- 8	do	196
1-19	do	243	9-24	do	229
SOLDIER CREEK					
Below James Dam—Sec. 4-31-53 W.					
1- 8	C.E. Franklin	3.3			
SOLDIER CREEK					
Above Fort Robinson Reservoir					
11- 6	C. E. Franklin	4.3	5- 6	C. E. Franklin	4.6
11-26	do	4.0	9-28	do	2.8
4-13	do	4.3			
SOLDIER CREEK					
Below Soldier Creek Canal—Sec. 18-31-52 W.					
6- 6	C.E. Franklin	4.9	8- 6	C. E. Franklin	2.5
7- 4	do	3.2	8-26	do	3.6
7-24	do	2.0	9-12	do	2.4
SOW BELLY CREEK					
Below Canals—Sec. 9-33-55 W.					
7-25	C. E. Franklin	1.0	8- 7	C. E. Franklin	1.2
SOW BELLY CREEK					
Sec. 28-33-55 W.					
7- 9	C. E. Franklin	2.8			
SOW BELLY CREEK					
Sec. 16-33-55 W.					
6- 7	C. E. Franklin	3.1	9-13	C. E. Franklin	1.3
SOW BELLY CREEK					
Sec. 5-32-55 W.					
10-14	C. E. Franklin	0.4	7- 9	C. E. Franklin	1.7
11- 5	Franklin-Rasmussen	1.0	7-25	do	1.7
11-28	do	.3	8- 7	do	1.0
1-23	C. E. Franklin	1.9	8-27	do	2.1
4-26	do	3.1	9-13	do	1.4
6- 7	do	3.3	9-29	do	1.8

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SPOTTED TAIL CREEK, DRY					
Sec. 28-23-56 W.					
10-14	J. P. Hansen	43.2	1-17	J. P. Hansen	28.8
10-21	do	39.7	2- 3	do	28.3
11- 4	do	33.2	2-11	do	27.7
11-18	do	32.1	3- 1	do	26.6
12-17	do	30.5	3-10	do	27.2
12-23	do	32.9	3-23	do	28.2
12-29	do	32.4	4- 5	do	26.8
1- 6	do	31.4	4-18	do	27.4
SPOTTED TAIL CREEK, WET					
Sec. 6-22-55 W.					
10- 7	J. P. Hansen	16.6	1-6	J. P. Hansen	13.3
10-20	do	15.3	1-19	do	14.0
11- 5	do	16.3	2- 3	do	14.1
11-19	do	16.4	2-29	do	13.0
12-17	do	13.1	4- 5	do	12.3
12-29	do	13.6	4-18	do	12.7
SPRING CREEK					
Wyoming-Nebraska Line—Sec. 4-23-58 W.					
1-17	J. P. Hansen	9.7			
SPRING CREEK					
Sumter—Sec. 21-19-13 W.					
10-15	D. E. Olson	0.3			
SPRING CREEK					
Cushing—Sec. 8-15-9 W.					
10-15	D. E. Olson	0.2			
SQUAW CREEK					
Above McDowell's Reservoir—Sec. 12-31-52 W.					
11-26	C. E. Franklin	0.4	8-26	C. E. Franklin	0.3
7- 7	do	1.2	9-11	do	.1
7-22	do	.0	9-28	do	.3
8- 5	do	.2			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
SQUAW CREEK					
Below McDowell's Reservoir—Sec. 1-31-52 W.					
11-13	C. E. Franklin	9.3	6- 2	C. E. Franklin	0.1
1-10	do	.9	7-23	do	.5
1-21	do	.5	8- 5	do	.2
2- 5	do	.4	8-26	do	3.0
3- 2	do	2.0	9-11	do	.2
4-13	do	.3	9-28	do	.2
5- 6	do	.2			
STINKING WATER CREEK					
Palisade—Sec. 25-5-34 W.					
6-28	M. V. Adkisson	51.6	9- 4	M. V. Adkisson	15.2
STREVER CREEK					
South of Overton—Sec. 1-8-20 W.					
10- 5	Melvin Kleen	14.0	1-25	Melvin Kleen	8.1
10-12	do	18.7	2- 2	do	9.0
10-19	do	11.9	2- 8	do	8.7
10-26	do	5.7	2-24	do	10.0
11- 2	do	7.0	3- 2	do	11.8
11- 9	do	15.6	3-16	do	18.3
11-16	do	7.4	3-22	do	16.6
11-23	do	6.7	3-30	do	13.3
12- 1	do	7.6	4- 5	do	10.6
12-16	do	6.6	4-20	do	38.3
1-18	do	5.5	4-28	do	49.8
TRUNK BUTTE CREEK					
Sec. 25-33-50 W.					
11-26	C. E. Franklin	0.2	8- 5	C. E. Franklin	0.7
4-12	do	.9	8-26	do	.8
5- 5	do	3.4	9-10	do	.4
5-31	do	.9	9-27	do	.3
7-21	do	.3			
TUB SPRINGS					
Above Enterprise Canal—Sec. 33-23-55 W.					
5-23	J. P. Hansen	38.7	7-27	J. P. Hansen	48.0
6-22	do	50.2	8- 7	do	40.6
6-29	do	27.2	8-29	do	68.0
7- 7	do	58.7	9-23	do	41.8
7-22	do	36.8			

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
TUB SPRINGS						
Below Enterprise Canal—Sec. 32-23-55 W.						
10- 7	J. P. Hansen	85.8		1-19	J. P. Hansen	45.1
10-20	do	77.6		2- 2	do	40.7
11- 5	do	63.7		2-29	do	41.0
11-19	do	56.0		4- 5	do	32.5
12-29	do	45.4		4-18	do	32.3
1- 6	do	44.0				
TURKEY CREEK						
Naponee—Sec. 4-1-16 W.						
6-15	M. V. Adkisson	13.9				
VICTORIA CREEK						
Below Dam—Sec. 6-19-20 W.						
10-19	D. E. Olson	3.2				
WAGNER CREEK						
Comstock—West Line of Sec. 3-18-17 W.						
10-13	D. E. Olson	0.0				
WALLACE CREEK						
Near Scotia—South Line of Sec. 3-17-12 W.						
10-15	D. E. Olson	0.0				
WARBONNET CREEK						
Above Warbonnet Canal—Sec. 21-33-56 W.						
1-11	C. E. Franklin	4.4		8- 7	C. E. Franklin	1.1
1-23	do	2.1		8-27	do	2.6
6- 6	do	2.1		9-13	do	.2
7- 9	do	2.6		9-29	do	1.6
7-25	do	1.0				
WARBONNET CREEK						
Below Warbonnet Canal—Sec. 20-33-56 W.						
10-16	C. E. Franklin	3.9		11- 5	Franklin-Rasmussen	0.5
WHITE CLAY CREEK						
Crawford—Sec. 2-31-52 W.						
11-13	C. E. Franklin	2.4		6- 2	C. E. Franklin	6.3
11-26	do	2.2		7- 7	do	3.5
1-10	do	.5		7-22	do	1.9
1-21	do	2.6		8- 5	do	4.0
2- 5	do	3.2		8-26	do	1.8
3- 2	do	4.3		9-11	do	.9
4-13	do	2.1		9-28	do	1.7
5- 6	do	3.2				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Hydrographer	Discharge
		Sec.-ft.	Date			Sec.-ft.
WHITE CLAY CREEK					
Above Junction with Larabee Creek—Sec. 6-34-44 W.					
10- 9	C. E. Franklin	2.7	4-28	C. E. Franklin	4.9
10-29	do	4.5	5-27	do	9.6
11-22	do	3.4	6-29	do	9.0
12-13	do	5.6	7-18	do	5.9
1- 1	do	4.2	8- 4	do	3.8
1-18	do	4.4	9- 6	do	6.6
3-29	do	5.2	9-22	do	3.0
WHITE HORSE CREEK					
Gannett—Sec. 5-13-29 W.					
10-11	Melvin Kleen	4.9	4-3	Melvin Kleen	28.0
10-22	do	4.9	4-24	do	132.0
10-29	do	6.0	5- 4	do	26.8
11- 5	do	8.5	5-10	do	17.2
11-13	do	9.9	5-17	do	43.0
11-29	do	9.4	5-25	do	11.1
12-15	do	7.0	6- 2	do	9.3
12-22	do	15.2	6- 9	do	9.8
12-30	do	8.0	6-14	do	21.5
1-19	do	11.9	6-26	do	3.7
1-29	do	14.0	7- 3	do	2.5
2- 4	do	14.3	7- 5	do	13.6
2-17	do	5.6	8- 3	A. C. Hilpert	1.8
2-28	do	39.5	8-21	do	.1
3-10	do	35.4	9- 1	do	2.4
3-18	do	34.5	9-18	do	1.8
3-27	do	36.2	9-26	do	2.1
WHITE TAIL CREEK					
Sec. 36-15-38 W.					
10-14	A. C. Hilpert	25.7	3-23	do	32.4
10-20	do	26.0	3-17	A. C. Hilpert	26.2
10-28	do	28.6	4- 5	do	28.9
11- 3	E. S. Kimmel	25.8	5- 3	do	28.3
11-11	A. C. Hilpert	28.0	5- 9	do	28.5
11-18	do	28.0	5-24	do	23.6
11-24	do	31.2	6-14	do	22.1
12- 3	do	28.1	6-22	do	27.1
12-16	do	27.7	6-29	do	24.4
12-29	do	25.4	7-15	do	22.8
1- 7	do	26.8	7-27	do	24.3
2- 3	do	33.8	8-10	do	19.0
2-14	do	32.6	8-17	do	18.7
2-24	do	33.0	8-26	do	24.2
3- 2	do	26.7	9-13	do	23.1
3- 9	do	26.6	9-17	Hansen-Tefft	23.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge		Date	Hydrographer	Discharge Sec.-ft.
		Sec.-ft.				
WHITE RIVER						
Crawford—Sec. 9-31-52 W.						
10-14	C. E. Franklin	19.6		5- 6	C. E. Franklin	25.5
11- 6	do	22.6		5-25	do	29.4
11-26	do	16.0		7- 4	do	28.6
1- 8	do	22.9		7-22	do	14.2
1-21	do	25.2		8- 6	do	37.5
2- 5	do	26.0		8-26	do	23.1
3- 2	do	28.3		9-12	do	18.7
4-13	do	24.1		9-28	do	17.1

WHITE RIVER						
Above Whitney Diversion—Sec. 26-32-52 W.						
11- 6	C. E. Franklin	19.1		5- 6	C. E. Franklin	29.3
11-13	do	22.8		5-31	do	20.4
11-26	do	19.9		7- 4	do	34.2
1- 8	do	22.6		7-22	do	8.4
1-21	do	27.6		8- 6	do	40.3
2- 5	do	27.0		8-26	do	25.0
3- 2	do	32.4		9-12	do	18.4
4-13	do	27.3		9-28	do	7.9

WHITE RIVER						
Below Whitney Diversion—Sec. 26-32-52 W.						
11-13	C. E. Franklin	14.3		5-31	C. E. Franklin	28.0
11-26	do	.1		7- 4	do	21.1
1- 8	do	.5		7-22	do	3.2
1-21	do	.5		8- 6	do	39.8
2- 5	do	.5		8-26	do	20.1
3- 2	do	31.0		9-12	do	10.3
4-13	do	7.7		9-28	do	5.5
5- 6	do	19.2				

WHITE RIVER						
Whitney						
11- 6	C. E. Franklin	3.1				

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Discharge Sec.-ft.	Date	Hydrographer	Discharge Sec.-ft.
WHITE RIVER					
Six Miles West of Chadron—Sec. 18-33-49 W.					
10- 8	C. E. Franklin	1.3	5-24	C. E. Franklin	50.3
11- 6	do	5.0	5-25	do	456.0
11-25	do	3.2	6-22	do	48.9
12-14	do	4.0	7- 5	do	102.0
1- 6	do	5.0	7-21	do	24.5
1-21	do	5.8	7-24	do	8.2
2- 4	do	42.4	8- 5	do	7.9
4-12	do	23.0	8-26	do	60.1
4-27	do	18.5	9-10	do	9.8
5- 5	do	41.5	9-27	do	3.1
5- 8	do	187.0			

WILLOW CREEK

Below Harvey Cross Dam—Sec. 17-19-56 W.

10- 4 J. P. Hansen

0.4

MISCELLANEOUS FLOOD DISCHARGE MEASUREMENTS
Year Ending September 30, 1944

Date	Stream	Tributary to	Locality	Run-off Per Sq. Mile Sec.-ft.	Discharge Sec.-ft.
May 18	Middle Logan Creek.....	Logan Creek.....	SW $\frac{1}{4}$ Sec. 32, T. 29 N., R. 3 E., 1 mile north of Laurel, and above mouth of Perrin Creek. Drainage area 37.5 square miles.....	133	*5,000
May 18	Perrin Creek.....	Middle Logan Creek.....	Sec. 32, T. 29 N., R. 3 E., 1 mile north of Laurel. Drainage area 11.2 square miles.....	57	*640
June 11	Maple Creek.....	Elkhorn River.....	Between Secs. 10 and 11, T. 18 N., R. 8 E., at Highway No. 77, 1.75 miles west of Nickerson. Drainage area 394 square miles.....	89	†35,000
June 11	East Maple Creek.....	Maple Creek.....	Between Secs. 8 and 17, T. 20 N., R. 4 E., $\frac{1}{2}$ mile south of Howells. Drainage area 67.1 square miles.....	328	†22,000
June 11	New York Creek.....	Missouri River.....	Sec. 32, T. 20 N., R. 11 E., 0.75 mile southeast of Herman. Drainage area 31.8 square miles.....	126	*4,000
June 11	Unnamed	Tekamah Creek.....	Sec. 16, T. 21 N., R. 10 E., 3.7 miles east of Craig. Drainage area 2.3 square miles.....	383	†880

*By slope-area method.

†By contracted opening and broad-crested weir method.

†By broad-crested weir.

DISCHARGE MEASUREMENTS OF CANALS
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ABERDEEN CANAL—D-50a, D-50b, A-1117					
Diverted from the Frenchman River—Sec. 3-5-38 W.					
Measurements Made at Headgate					
10- 8	David B. Ender	.....	.....	.....	0.0
4-22	do	.....	.....	.....	.0
6- 7	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-18	do	3.3	0.74	.....	2.8
9-10	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
ADAMS CANAL—D-371					
Diverted from Lodgepole Creek—Sec. 3-14-52 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	.....	.....	.....	.0
AIREDALE CANAL NO. 1—A-698, A-1380					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made 5.5-foot Weir					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
AIREDALE CANAL NO. 2—A-699, A-1133					
Diverted from Pumpkinseed Creek—Sec. 1-19-55 W.					
Measurements Made at Headgate					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	3.3	1.13	.....	4.3
6-23	do	.....	.....	.....	.0
7- 7	do	4.0	0.77	.....	3.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
AIREDALE CANAL NO. 3—A-1508					
Diverted from Pumpkinseed Creek—Sec. 2-19-55 W.					
Measurements Made at Headgate					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.9
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
ALLEN-LARNED CANAL—D-117					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
Measurements Made at Headgate					
10- 6	David B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
6-28	do	2.7	0.87	.....	2.4
7-14	do	4.3	1.24	.....	5.3
8-16	do	4.8	1.19	.....	5.7
9- 8	do	5.4	1.08	.....	5.8
9-22	do	2.2	.86	.....	1.9
ALMERIA CANAL—A-2469, A-2868, A-2869					
Diverted from North Loup River—Sec. 10-22-20 W.					
Measurements Made 0.6 Mile below Spillway					
4-19	D. E. Olson	.....	.....	.....	0.0
5- 4	do	.....	.....	.....	.0
5-18	do	17.6	1.00	2.37	17.7
6-29	do	15.6	1.06	2.30	16.5
7-27	do	20.4	1.14	2.56	23.3
8-18	do	18.4	.98	2.42	18.0
9- 2	do	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.1
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	1.5	1.00	.....	1.6
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	2.2	.38	.....	.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ANDREWS SUPPLY CANAL—A-2530					
Diverted from Sow Belly Creek—Sec. 5-32-55 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0
ASH CREEK, WEST, CANAL—A-434, D-452					
Diverted from West Ash Creek—Sec. 36-32-51 W.					
Measurements Made at Headgate					
9-25	Franklin-Rasmussen	.....	.....	.....	0.0
ATKINS-POLLY CANAL—D-342, D-344					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10- 1	A. C. Hilpert	1.1	0.36	.....	0.4
10-20	do	.....	.....	.....	.1
BAR 99 CANAL—A-2898					
Diverted from Bear Creek—Sec. 16-34-37 W.					
Measurements Made at Headgate					
10-13	A. C. Hilpert	.....	.....	.....	0.0
11- 9	do	.....	.....	.....	.0
11-25	do	.....	.....	.....	.0
12-12	do	.....	.....	.....	.0
12-30	do	.....	.....	.....	.0
1-21	do	.....	.....	.....	.0
2- 8	do	.....	.....	.....	.0
2-26	do	.....	.....	.....	.0
3-24	do	.....	.....	.....	.0
4- 9	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6- 5	do	0.5	0.64	.....	.3
6-19	do	.....	.....	.....	.0
7- 5	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9- 2	C. E. Franklin	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BAR 99 CANAL, NORTH—A-3321					
Diverted from Bear Creek—Sec. 16-34-37 W.					
Measurements Made at Headgate					
10-13	A. C. Hilpert	.....	.....	.....	0.0
11- 9	do	.....	.....	.....	.0
11-25	do	.....	.....	.....	.0
12-12	do	.....	.....	.....	.0
12-30	do	.....	.....	.....	.0
1-21	do	.....	.....	.....	.0
2-26	do	.....	.....	.....	.0
3-24	do	.....	.....	.....	.0
4- 9	do	.....	.....	.....	.0
5-17	do	1.2	1.4	.....	1.7
6- 5	do	.....	.....	.....	.1
6-19	do	.....	.....	.....	.0
7- 5	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9- 2	C. E. Franklin	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0
BAR CANAL, SOUTH—A-3321					
Diverted from Bear Creek—Sec. 16-34-37 W.					
Measurements Made at Headgate					
5-17	A. C. Hilpert	2.5	1.08	.....	2.7
6-19	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9- 2	C. E. Franklin	.....	.....	.....	.3
9-22	do	.....	.....	.....	.0
BARBER CANAL—D-754, A-1111					
Diverted from Clear Creek—Sec. 29-16-41 W.					
Measurements Made at Headgate					
10- 7	E. S. Kimmel	1.8	0.65	0.40	1.2
5-25	C. E. Franklin	.....	.....	.....	.0
6-25	do	7.7	.36	.....	2.8
7-14	do	.....	.....	.....	.0
8-10	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9- 9	A. C. Hilpert	7.3	.78	1.30	5.6
9-22	do	4.3	.60	.70	2.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
BARRON CANAL, EAST—A-2024					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made at Headgate					
10-27	A. C. Hilpert	2.7	0.55	.....	1.5
12-26	do	.....	.....	.....	.2
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	2.5
6-21	do	2.6	.96	.....	.3
7-15	do	.5	.60	.....	.0
BARRON CANAL, WEST—D-438R					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made near Headgate					
10-27	A. C. Hilpert	.....	.....	.....	0.0
12-26	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
BATES CANAL—A-2276					
Diverted from Bear Creek—Sec. 7-34-37 W.					
Measurements Made near Headgate					
8-25	A. C. Hilpert	2.6	0.57	.....	1.5
9- 2	C. E. Franklin	.....	.....	.....	.0
BEISER CANAL—A-1056					
Diverted from Niobrara River—Sec. 4-29-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BELMONT CANAL SPILL					
Into Pumpkinseed Creek—Sec. 23-19-50 W.					
4-20	A. C. Hilpert	.....	.....	.....	0.0
5- 5	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	1.0
6- 7	do	.....	.....	.....	.0
6-22	do	.....	.....	.....	.0
7- 6	do	.....	.....	.....	.0
BENNETT CANAL—A-1249					
Diverted from Niobrara River—Sec. 1-28-54 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
12- 9	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
9- 5	Franklin-Rasmussen	.....	.....	.....	.0
BENNETT CANAL—A-691, A-1975					
Diverted from Lodgepole Creek and Bennett Reservoir—Sec. 22-15-55 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	0.3	1.21	.....	0.4
12- 3	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	.....	.....	.....	.2
6-24	do	.....	.....	.....	.2
7- 8	A. C. Hilpert	.....	.....	.....	.0
BICKEL CANAL—D-347, A-719, A-724					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10- 1	A. C. Hilpert	0.7	0.86	0.40	0.6
10-20	do	.....	.....	.30	.1
12- 3	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	do	.....	.....	.....	.0
6-24	Hilpert-Hanna	.....	.....	.....	.0
7- 8	do	1.6	.52	.42	.3
9-10	Franklin-Hanna	1.8	.40	.40	.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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BIGELOW-SEYMOUR CANAL—D-510

Diverted from Niobrara River—Sec. 19-31-57 W.

Measurements Made at Headgate

10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
12- 9	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
2-10	do	.....	.....	.....	.0
2-27	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0
9-27	C. E. Franklin	.....	.....	.....	.0

BIRD CAGE-QUINN CANAL—D-892, A-1561

Diverted from Pumpkinseed Creek—Sec. 20-19-51 W.

Measurements Made at Headgate

4-20	A. C. Hilpert	.....	.....	.....	0.0
5- 5	do	0.9	0.44	1.05	.4
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0

BLUHM CANAL—A-1811

Diverted from Lodgepole Creek—Sec. 36-14-48 W.

Measurements Made at Headgate

10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BOELUS POWER CANAL—A-1373					
Diverted from Middle Loup River—Sec. 30-13-12 W.					
Measurements Made at Headrace Flume					
10- 6	D. E. Olson	238.0	2.48	27.3	585.0
10-12	do	246.0	2.37	28.4	584.0
10-19	do	245.0	2.40	28.6	588.0
11- 3	do	241.0	2.49	28.5	600.0
11- 9	do	251.0	2.45	28.5	615.0
3-26	do	97.0	5.26	.....	510.0
4- 1	do	251.0	2.38	28.3	598.0
4- 8	do	254.0	2.20	28.1	559.0
4-14	do	267.0	2.44	28.5	652.0
4-22	do	265.0	2.40	28.6	636.0
4-28	do	254.0	2.38	28.2	604.0
5- 6	do	258.0	2.36	28.5	608.0
5-13	do	289.0	2.26	29.6	652.0
5-21	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 2	do	222.0	2.74	28.7	609.0
7- 9	do	.....	.....	.....	.0
BOOTH CANAL, NORTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements Made at Rating Flume					
10-21	A. C. Hilpert	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
BOOTH CANAL, SOUTH—D-309, D-310					
Diverted from Lodgepole Creek—Sec. 29-14-47 W.					
Measurements Made at Rating Flume					
10-21	A. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-26	do	5.1	0.68	1.48	3.5
7- 9	do	4.0	1.38	.85	5.5
9-13	C. E. Franklin	.....	.....	.....	.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BORDWELL CANAL—D-302					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0

BORDWELL CANAL—D-303					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	2.2	0.82	.....	1.8
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0

BORQUIST CANAL, SOUTH—D-300					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
8-30	do	2.4	0.51	0.95	1.2
9-13	C. E. Franklin	.....	.....	.25	.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BORQUIST CANAL, NORTH—D-301					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
6-26	do	2.1	0.76	.....	1.6
7- 9	do	2.2	1.16	.....	2.6
9-13	C. E. Franklin	.....	.....	.....	.0
BOURETT CANAL—A-546					
Diverted from Niobrara River—Sec. 19-30-56 W.					
Measurements Made at Headgate					
9-27	C. E. Franklin	.....	.....	.....	0.0
BRADY CANAL—D-352					
Diverted from Lodgepole Creek—Sec. 28-15-54 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
BRITTON PUMP—A-2467					
Diverted from North Loup River—Sec. 26-21-18 W.					
Measurements Made at Pump Site					
9-22	D. E. Olson	.....	.....	.....	0.0
BULLOCK CANAL—D-296					
Diverted from Lodgepole Creek—Sec. 3-13-46 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.1
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.1
6-11	do	.....	.....	.....	.2
6-26	do	.....	.....	.....	.1
7- 9	do	.....	.....	.....	.1
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21*	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
BUSHNELL CANAL—A-504					
Diverted from Lodgepole Creek—Sec. 2-14-58 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	.....	.....	.....	.0
6-24	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
9-10	Franklin-Hanna	.....	.....	.....	.0
CAMBRIDGE MILL—D-92, D-93					
Diverted from Medicine Creek—Sec. 29-4-25 W.					
8-13	D. B. Ender	.....	.....	.....	0.0
CARTWRIGHT PUMP—A-3117					
Diverted from Ash Creek—Sec. 7-32-50 W.					
Measurements Made at Pump Site					
5-10	A. C. Hilpert	.....	.....	.....	0.0
5-31	do	.....	.....	.....	.0
CASTEEL PUMP—A-3049					
Diverted from Clear Creek—Sec. 1-16-18 W.					
Measurements Made at Pump Site					
9- 7	D. E. Olson	.....	.....	.....	0.0
CENTRAL CANAL SPILL					
Sec. 4-21-54 W.					
6- 3	Hansen-Ludden	3.1	1.29	.058	4.0
6-24	J. P. Hansen	5.3	2.00	.90	10.6
6-30	do	.....	.....	.31	.5
7-22	do	3.7	1.19	.61	4.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CHAMPION CANAL—D-47, A-1108					
Diverted from Frenchman River—Sec. 23-6-40 W.					
Measurements Made at Headgate					
10- 9	D. B. Ender	7.0	0.80	1.58	5.6
1-14	do	.....	.....	.98	.0
3-24	do	12.2	1.75	.....	21.4
4-23	do	1.4	1.00	1.17	1.3
5-26	do	3.8	.77	.....	2.9
7- 8	do	14.3	1.03	2.27	13.9
7-30	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	6.1	.93	.....	5.7
CHAMPION CANAL—D-47					
Diverted from Frenchman River—Sec. 29-6-39 W.					
Measurements Made below Kilpatrick Reservoir					
2-18	D. B. Ender	.....	.....	.....	0.0
7- 8	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
CHAMPION RESERVOIR CANAL—A-1160					
Sec. 19-6-39 W.					
Measurements Made near Headgate					
7- 8	D. B. Ender	2.8	0.58	.....	1.6
7-30	do	15.6	1.13	.....	17.6
8-19	do	8.8	.51	.....	7.1
CHAMPION MILL—D-179					
Diverted from Frenchman River—Sec. 21-6-39 W.					
Measurements Made at Headrace					
7- 8	D. B. Ender	55.4	0.92	.....	50.7
CHIMNEY ROCK CANAL SPILL NO. 1					
Sec. 14-20-52 W.					
5-18	J. P. Hansen	1.8	0.68	1.10	1.2
5-24	do	1.4	.57	1.05	.8
6-16	do	5.2	1.11	1.67	5.8
6-21	do	3.6	.97	1.57	3.5
6-28	do	5.4	1.54	1.66	8.3
7- 6	do	6.1	1.67	1.90	10.2
8-30	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CHIMNEY ROCK CANAL SPILL NO. 2					
Sec. 18-20-51 W.					
5-18	J. P. Hansen	5.2	1.52	0.93	7.9
5-24	do	4.6	1.35	.88	6.2
6-16	do	6.6	1.59	1.01	10.5
6-21	do	3.7	.28	.57	1.0
6-28	do	.....	.....	.....	.0
7- 6	do	2.1	.76	.44	1.6
8-30	do	.....	.....	.60	.0
CHRISTENSEN CANAL, NORTH—D-367					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	2.3	0.96	.....	2.2
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.1
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	.....	.....	.....	.0
CHRISTENSEN CANAL, SOUTH—D-366					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	3.6	0.69	.....	2.5
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	6.2	.27	.....	1.7
CIRCLE ARROW CANAL—D-346					
Diverted from Lodgepole Creek—Sec. 30-15-54 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.1
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	.....	.....	.....	.0
6-24	do	2.0	2.10	0.64	4.2
7- 8	do	2.3	1.99	.80	4.6
9-11	C. E. Franklin	1.6	1.50	.....	2.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CLEAR CREEK CANAL—D-748					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Rating Flume					
10- 7	E. S. Kimmel	.....	.....	.....	0.0
7-14	C. E. Franklin	1.0	1.10	.....	1.1
8-10	do	.....	.....	.....	.0
8-25	do	3.2	2.31	0.88	7.4
9- 9	A. C. Hilpert	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0
COFFEE CANAL, EAST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	1.9	1.10	.....	2.2
4-16	do	3.3	.85	.....	2.8
6- 1	do	2.3	.87	.....	2.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	1.1	.54	.....	.6
COFFEE CANAL, WEST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.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- 9	E. S. Kimmel	3.2	1.12	.....	3.5
5-14	C. E. Franklin	2.8	1.14	.....	3.2
5-27	do	2.9	1.09	.....	3.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COLE PROJECT DAM NO. 1—A-2254					
Diverted from Bear Creek—Sec. 14-34-37 W.					
Measurements Made at Headgate					
10-13	A. C. Hilpert	.....	.....	.....	0.0
11- 9	do	.....	.....	.....	.0
11-25	do	.....	.....	.....	.0
12-12	do	.....	.....	.....	.0
12-30	do	.....	.....	.....	.0
1-21	do	2.5	0.90	.....	2.4
2- 8	do	.....	.....	.....	.1
2-26	do	.....	.....	.....	.0
3-24	do	.....	.....	.....	.0
4- 9	do	1.5	.40	.....	.6
5-17	do	.....	.....	.....	.0
6- 5	do	2.5	2.40	.....	6.0
6-19	do	.....	.....	.....	.0
7- 5	do	.....	.....	.....	.0
8-24	do	.....	.....	.....	.0
9- 2	C. E. Franklin	.....	.....	.....	.0
9-22	do	.....	.....	.....	.6
COOK CANALS, NO. 1 AND NO. 2—D-980					
Diverted from Niobrara River—Sec. 1-28-56 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	4.0	1.00	1.06	4.3
10-29	do	3.1	1.00	.94	3.1
4-16	do	.....	.....	.....	.0
5-18	do	1.4	.93	.50	1.3
6- 2	do	2.2	1.64	.75	3.6
6-17	do	3.0	.86	.64	2.6
7- 1	do	2.0	.25	.64	.5
9-28	C. E. Franklin	3.1	1.10	.85	3.4
COOPER CANAL—A-333					
Diverted from Squaw Creek—Sec. 36-32-52 W.					
Measurements Made at Headgate					
9-25	Franklin-Rasmussen	.....	.....	.....	0.1
COOPER CANAL, WEST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
9-25	Franklin-Rasmussen	1.2	0.83	.....	1.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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COZAD CANAL SPILL

Into Dawson County Canal—Sec. 6-10-22 W.

5-11	Melvin Kleen	12.2	2.16	1.67	26.4
5-19	do	9.6	1.93	1.32	19.0
5-26	do	10.0	2.04	1.27	20.4
6-10	do	11.0	2.03	1.40	22.3
6-18	do	.....	.....	.....	.0
6-24	do	9.2	1.68	1.12	15.5
7- 7	do	10.2	1.93	1.33	20.2
7-15	do	8.0	1.64	1.10	13.1
7-28	do	.....	.....	.19	.2
8- 4	do	6.8	1.37	.90	9.3
8-13	do	8.0	1.15	.83	9.2
8-24	do	.....	.....	.14	.2
9-14	do	.....	.....	.....	.0

CREWS CANAL—D-1025R, Petition 241

Diverted from North Fork Republican River—Sec. 21-1-41 W.

Measurements Made at Headgate

10- 6	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-15	do	3.2	0.37	.....	2.7
8-16	do	4.4	1.05	.....	4.7
9- 8	do	.9	.56	.....	.5
9-23	do	2.9	.52	.....	1.5

CREWS CANALS, NO. 2 AND NO. 3—A-1709, A-1826

Diverted from North Fork Republican River—Sec. 20-1-41 W.

Measurements Made at Headgate

10- 6	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-20	do	2.4	1.46	.....	3.6
6- 3	do	2.7	1.01	.....	2.7
6-28	do	4.1	1.30	.....	5.3
7-15	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.2
9- 8	do	4.2	1.31	.....	5.5
9-23	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CRIGLER CANAL—D-861, A-486					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
Measurements Made at Headgate					
10-19	A. C. Hilpert	2.9	1.70	.....	5.1
5- 5	do	.....	.....	.....	.0
5-24	do	1.7	.52	.....	.9
6- 8	do	3.0	1.46	.....	4.4
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7- 7	do	1.1	1.27	.....	1.4

CRIPPS PUMP—A-2571
Diverted from Cripps Reservoir—A-2481—Sec. 12-32-51 W.
Measurements Made at Pump Site

6-10	A. C. Hilpert	0.0
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CULBERTSON CANAL—D-24, D-25, D-29, D-30
Diverted from Frenchman River and Stinking Water Creek—
Sec. 31-5-33 W.

Measurements Made at Rating Flume					
10- 8	D. B. Ender	16.7	0.88	1.69	14.7
1-13	do	.....	.....	.....	.0
4-23	do	33.7	1.06	2.05	35.8
6- 8	do	35.6	1.53	2.19	54.4
7- 7	do	48.3	1.74	2.96	83.9
7-29	do	51.9	1.86	3.19	96.7
8-18	do	49.9	1.85	3.06	92.3
9-16	do	50.7	1.84	3.12	93.4
9-30	do	44.0	1.72	2.70	75.6

DAVIS PUMP
Diverted from Lillian Creek—Sec. 1-19-20 W.
Measurements Made at Pump Site

10- 2	D. E. Olson	0.0
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
DAWSON COUNTY CANAL SPILL					
Into French Creek—Sec. 1-10-22 W.					
4-27	Melvin Kleen	4.2	1.49	0.65	6.2
5- 4	do	3.1	1.00	.45	3.1
5-11	do	19.0	2.02	2.36	38.4
5-19	do	19.3	2.01	2.23	38.8
5-26	do	3.8	1.29	.53	4.9
6-10	do	20.7	2.08	2.24	43.0
6-18	do	.6	.50	.10	.3
6-24	do	14.0	2.13	1.61	29.3
7- 7	do	27.0	2.12	3.00	60.0
7-15	do	5.4	1.96	.74	10.6
7-28	do	2.0	.85	.25	1.7
8- 4	do	2.2	.95	.34	2.1
8-13	do	1.6	.62	.14	1.0
8-24	do	2.5	1.32	.29	3.3
9- 3	do	1.2	.67	.10	.8
9-14	do	21.6	2.39	2.24	51.5
9-23	do	11.8	2.53	1.48	29.9
9-29	do	14.2	2.54	1.73	36.1

DELAWARE-HICKMAN CANAL—D-157
Diverted from Republican River—Sec. 17-1-34 W.
Measurements Made at Headgate

10- 7	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-21	do	.....	.....	.....	.0
6- 4	do	.....	.....	.....	.0
6-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9- 9	do	.....	.....	.....	.0
9-23	do	.....	.....	.....	.0

DICKINSON CANAL—D-967
Diverted from Lodgepole Creek—Sec. 33-14-47 W.
Measurements Made at Headgate

10-21	A. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	6.5	0.14	.....	.9

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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					
10-24	A. C. Hilpert	.....	.....	.....	0.0
3-31	do	0.6	1.92	.....	1.2
5- 7	do	.....	.....	.....	.0
5-26	do	3.3	.70	.....	2.3
6-11	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0

DOUT BROTHERS CANAL—D-981
Diverted from Jim Creek—Sec. 7-33-56 W.
Measurements Made below Headgate

6-16	A. C. Hilpert	0.0
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DROBNY PUMP—A-2995
Sec. 35-18-17 W.
Measurements Made at Pump Site

7- 7	D. E. Olson	0.0
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EARNST CANAL NO. 1—D-514a
Diverted from Niobrara River—Sec. 9-29-56 W.
Measurements Made Near Headgate

10- 9	A. C. Hilpert	6.5	0.83	.....	5.4
10-29	do	8.3	1.10	.....	9.1
12- 9	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
5-18	do	6.5	.88	.....	5.7
6- 2	do	5.8	.71	.....	4.1
6-17	do	.....	.....	.....	.0
7- 1	do	8.0	.95	.....	7.6
9- 5	Franklin-Rasmussen	3.6	.83	.....	3.0
9-27	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
12- 9	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
5-18	do	3.9	0.56	.....	2.2
6- 2	do	3.7	.97	.....	3.6
6-17	do	9.9	1.01	.....	10.0
7- 1	do	2.5	.56	.....	1.4
9- 5	Franklin-Rasmussen	.....	.....	.....	.0
9-27	C. E. Franklin	.....	.....	.....	.0
ELM CREEK CANAL—A-2104					
Diverted from Platte River and Sutherland Reservoir—					
Sec. 6-8-19 W.					
Measurements Made at Rating Flume—Sec. 33-9-19 W.					
10- 7	Melvin Kleen	.....	.....	.....	0.0
10-19	do	.....	.....	.....	.0
10-26	do	14.1	0.69	0.29	9.8
11- 5	do	.....	.....	.....	.0
3-22	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
4-27	do	.....	.....	.....	.0
EXCELSIOR CANAL—D-568, A-2264					
Diverted from Niobrara River—Sec. 10-28-52 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
FARMERS CANAL—D-10					
Diverted from Frenchman River—Sec. 11-3-32 W.					
Measurements Made at Headgate					
10- 8	D. B. Ender	.....	.....	.....	0.0
1-13	do	.....	.....	.....	.0
4-23	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7- 7	do	4.2	0.52	.....	2.2
7-29	do	.....	.....	.....	.0
8-12	do	11.4	.56	0.32	6.4
8-24	do	5.2	.77	.03	4.0
9-16	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
FOLLETT-KROTTER CANAL—A-705, A-720, A-975, A-2294, A-2805					
Diverted from Frenchman River—Sec. 35-5-34 W.					
Measurements Made at Rating Flume					
10- 8	D. B. Ender	.....	.....	.....	0.0
1-13	do	.....	.....	.....	.0
4-23	do	12.3	1.43	.....	17.6
6- 8	do	8.0	1.04	.....	8.4
7- 7	do	13.3	1.07	.....	14.3
7-29	do	.....	.....	.....	.0
9-30	do	9.5	.90	.....	8.6
FORBES PUMP—A-3171, A-2989					
Diverted from Loup River—Sec. 16-15-8 W.					
9-18	D. E. Olson	.....	.....	.....	0.0
FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	3.8	0.82	.....	3.1
FURMAN CANAL, SOUTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
GALLUP CANAL—D-426					
Diverted from Chadron Creek—Sec. 15-33-49 W.					
Measurements Made at Headgate					
10- 6	A. C. Hilpert	.....	.....	.....	0.0
4-15	do	.....	.....	.....	.0
5-29	do	.....	.....	.....	.0
6-15	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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GERING CANAL SLUICE

Sec. 3-23-58 W.

5-14	J. P. Hansen	13.4	1.50	1.11	20.1
5-20	do	11.4	1.50	1.06	17.2
5-28	do	11.1	1.38	1.04	15.3
6- 3	do	11.8	1.51	1.12	17.8
6-11	do	10.5	1.44	1.06	15.1
7- 2	do	9.0	1.12	.96	10.4

GERING CANAL SPILL

Melbeta—Sec. 14-21-54 W.

5-26	J. P. Hansen	12.0	1.81	2.16	21.7
6- 8	do	.....	.....	1.02	.0
6-16	do	13.2	2.09	2.44	27.6
7-13	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0

GOTHENBURG TAIL SPILL

Into Buffalo Creek—Sec. 8-11-22 W.

10- 7	Melvin Kleen	7.5	0.81	0.43	6.1
10-13	do	.....	.....	.....	.0
10-20	do	7.6	1.17	.46	8.9
10-27	do	6.8	.98	.41	6.7
11- 5	do	.....	.....	.15	.6
4-27	do	.....	.....	.....	.0
5- 4	do	.....	.....	.....	.0
5-11	do	8.6	1.23	.48	10.6
5-19	do	9.6	1.26	.56	12.1
5-26	do	9.0	1.44	.57	13.0
6-10	do	8.8	1.91	.66	16.3
6-18	do	4.2	.48	.21	2.0
6-24	do	9.4	1.60	.63	15.0
7- 7	do	9.4	1.66	.70	15.6
7-15	do	6.6	.98	.36	5.8
7-28	do	.....	.....	.....	.0
8-13	do	3.4	.41	.15	1.4
8-24	do	.....	.....	.....	.0
9- 3	do	.....	.....	.....	.0
9-14	do	3.8	.58	.18	2.2
9-23	do	5.4	.85	.31	4.6
9-29	do	1.3	.46	.07	.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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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- 6	E. S. Kimmel	6.9	0.53	1.07	4.0
10-13	do	8.8	.66	1.22	5.8
11- 4	J. P. Hansen	.....	.....	.....	.0

GROTE CANAL—A-3451

Diverted from Grote Reservoir—A-3172—Sec. 3-32-56 W.

Measurements Made at Headgate

2-27	Hilpert-Rasmussen	0.0
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GUNDERSON CANAL—D-305

Diverted from Lodgepole Creek—Sec. 1-14-52 W.

Measurements Made at Headgate

10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	.....	.....	.....	.0

HAIGLER CANAL—D-1025

Diverted from Republican River—Sec. 2-1-43 W.

Measurements Made at Headgate

10- 6	D. B. Ender	15.7	1.36	.....	21.3
11-12	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
6- 3	do	27.7	1.48	.....	40.9
6-28	do	25.0	1.85	.....	46.3
7-15	do	20.7	1.70	.....	35.2
8-16	do	23.0	1.72	.....	39.6
9- 8	do	23.5	1.74	.....	40.9
9-22	do	19.7	1.53	.....	31.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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- 6	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-31	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
3-26	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
9-26	Franklin-Rasmussen	8.8	0.95	.....	8.4
HANNAH CANAL—D-886					
Diverted from North Platte River—Sec. 24-18-47 W.					
Measurements Made at Headgate					
9-13	A. C. Hilpert	.....	.....	.....	0.0
HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
4-18	C. E. Franklin	1.2	0.95	0.72	1.1
5-25	do	.....	.....	.....	.0
6-25	do	.6	.73	.44	.4
7-14	do	.....	.....	.....	.0
8-10	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
HARRIS-COOPER CANAL—D-464a, D-464b					
Diverted from White River—Sec. 26-32-52 W.					
Measurements Made at Headgate					
10- 7	A. C. Hilpert	0.2	0.50	.....	0.1
10-28	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.3
7-14	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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HARRIS-NEECE CANAL—D-517, A-2275

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

Measurements Made at Headgate

10-10	A. C. Hilpert	10.4	0.95	1.63	10.0
10-29	do	.....	.....	.....	.5
12- 9	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
*4-16	do	.....	.....	.....	.0
6- 2	do	10.8	1.84	1.48	19.8
6-17	do	10.8	1.21	1.63	13.1
7- 1	do	10.8	.85	1.71	9.2
9- 5	Franklin-Rasmussen	7.0	.71	1.15	5.0

HARTZELL CANAL—D-448

Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.

Measurements Made at Headgate

10- 7	A. C. Hilpert	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-24	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2- 2	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
3-22	do	.....	.....	.....	.0
4- 8	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-29	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0

HEARD CANAL NO. 1—D-916

Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.

Measurements Made at Headgate

10- 1	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943.

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HEARD CANAL NO. 2—D-916					
Diverted from Pumpkinseed Creek—Sec. 14-19-54 W.					
Measurements Made at Headgate					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0
HIGH LINE CANAL—A-1682					
Diverted from Jim Creek—Sec. 13-33-57 W.					
Measurements Made at Headgate					
6-16	A. C. Hilpert	.....	.....	.....	0.0
HITSHEW CANAL—A-2509, A-1260					
Diverted from Niobrara River—Sec. 6-28-52 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	5.1	0.75	.....	3.8
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
HOFFMEISTER RESERVOIR CANAL—A-2575					
Diverted from Hoffmeister Reservoir A-2570—Sec. 30-6-38 W.					
Measurements Made at Pump Site					
10- 8	D. B. Ender	.....	.....	.....	0.0
4-22	do	.....	.....	.....	2.0
5-26	do	1.3	0.81	.....	1.4
7- 8	do	2.5	1.18	.....	3.0
7-30	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9-10	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HOLCOMBE CANAL, EAST—D-636					
Diverted from Pawnee Creek—Sec. 13-13-28 W.					
Measurements Made at Rating Flume					
10- 1	Melvin Kleen	.....	.....	.....	0.0
5- 5	do	0.4	0.45	0.06	.2
5-13	do	.....	.....	.....	.0
5-24	do	2.4	.64	.55	1.5
6- 5	do	2.4	.68	.54	1.6
6-12	do	2.4	.66	.55	1.6
6-25	do	.....	.....	.....	.0
7-13	do	2.4	.75	.55	1.8
7-21	do	2.6	.85	.61	2.2
7-30	do	2.4	1.00	.58	2.4
8-18	do	.....	.....	.....	.0
8-26	do	1.2	.67	.20	.8
9- 7	do	2.1	1.05	.47	2.2
9-18	do	1.8	1.00	.51	1.8
9-27	do	3.0	.80	.53	2.4
HOLLINGSWORTH CANAL—D-723					
Diverted from South Platte River—Sec. 7-13-38 W.					
Measurements Made at Rating Station					
10- 9	E. S. Kimmél	7.1	0.75	1.20	6.9
10-29	Melvin Kleen	8.2	1.06	1.46	8.6
11-18	do	.....	.....	.....	.0
3-19	do	.....	.....	.....	.0
8-21	do	6.8	1.00	1.16	6.8
HOOVER CANAL—D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	3.2	1.40	.....	4.5
5-25	do	.....	.....	.....	.0
6- 9	do	4.1	1.60	.....	6.5
6-24	Hilpert-Hanna	6.6	.82	.....	5.3
7- 8	do	5.6	.86	.....	4.8
9-10	Franklin-Hanna	2.3	1.39	.....	3.2
HOPEFUL CANAL—A-2135					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
Measurements Made at Headgate					
6-23	A. C. Hilpert	2.1	1.71	.....	3.6
7- 7	do	1.1	.12	.....	1.3
7- 7	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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					
10-21	A. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
HUGHES CANAL—D-987a, D-987b					
Diverted from Niobrara River—Sec. 1-28-52 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
HURLEY-LILLY-POLLY CANAL—D-354					
Diverted from Lodgepole Creek—Sec. 26-15-56 W.					
Measurements Made at Rating Flume					
10- 2	A. C. Hilpert	2.6	1.65	0.42	4.3
10-20	do	3.5	1.50	.58	5.4
12- 3	do	.....	.....	.....	.0
1-12	do	.....	.....	.....	.0
INDEPENDENT CANAL—D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.1
10-20	do	.....	.....	.....	.1
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	3.0	0.80	.....	2.4
6-24	do	1.7	.46	.....	.3
7- 8	do	3.7	.43	.....	1.6
9-10	Franklin-Hanna	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W.					
Measurements Made at Rating Flume					
10- 9	D. B. Ender	.....	.....	0.68	0.0
1-14	do	.....	.....	.....	.0
4-23	do	.....	.....	.....	.0
5-26	do	12.3	1.28	.....	15.7
7- 8	do	.....	.....	.....	.0
7-30	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	15.8	.38	.....	6.0

JAMES CANAL—A-3417					
Diverted from Soldier Creek—Sec. 4-31-53 W.					
Measurements Made at Headgate					
6- 1	A. C. Hilpert	.....	.....	.....	0.0

JENKINS CANAL—A-924					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
Measurements Made at Headgate					
10- 6	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
6-28	do	1.5	1.32	.....	2.0
7-14	do	1.5	1.22	.....	1.8
8-16	do	1.6	1.08	.....	1.7
9- 8	do	.....	.....	.....	.0
9-22	do	1.7	.77	.....	1.3

JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	5.6	0.81	.....	4.5
6-17	do	6.3	1.08	.....	6.9
7- 1	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0
9-27	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	2.1	1.48	.....	3.1
7- 9	do	.....	.....	.....	.0
9-15	C. E. Franklin	.....	.....	.....	.0
JONES CANAL—A-3392					
Diverted from Lodgepole Creek—Sec. 36-14-49 W.					
Measurements Made below Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.1
7- 9	do	1.0	1.06	.....	1.0
8-26	C. E. Franklin	.4	.75	.....	.3
8-30	do	.6	.33	.....	.2
9-13	do	.....	.....	.....	.0
JORDAN CANAL—A-2032					
Diverted from Monroe Creek—Sec. 22-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	0.5	0.68	.....	.4
4-16	do	.....	.....	.....	.0
6-16	do	1.5	1.20	.....	1.8
6-30	do	1.0	1.58	.....	1.5
JORDON CANAL—A-841					
Diverted from Monroe Creek and Jordon Reservoir A-841					
Sec. 13-33-56 W.					
Measurements Made at Headgate					
10-19	A. C. Hilpert	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.1
4-16	do	1.5	1.23	.....	2.0
6- 1	do	.....	.....	.....	.1
6-16	do	.....	.....	.....	.1
6-30	do	.....	.....	.....	.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KELSO CANAL—A-2151, A-2279, A-2328, A-2456					
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.					
Measurements Made at Pump Site					
10- 7	A. C. Hilpert	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-24	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2- 2	do	.....	.....	.....	.0
3-22	do	.....	.....	.....	.0
4- 8	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-29	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W.					
Measurements Made at Rating Flume					
10- 1	Melvin Kleen	.....	.....	.....	0.0
5- 5	do	.....	.....	.....	.0
5-13	do	.....	.....	.....	.0
5-24	do	2.4	0.64	0.47	1.5
6- 5	do	3.2	.89	.78	2.9
6-12	do	3.4	.96	.86	3.3
6-25	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
7-30	do	2.0	.55	.70	1.1
8-18	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9- 7	do	2.2	.59	.51	1.3
9-13	do	2.5	.68	.56	1.7
9-27	do	2.7	.67	.51	1.8
KEYSTONE CANAL—D-730, A-662b, A-843, A-1003					
Diverted from White Tail Creek—Sec. 26-15-38 W.					
Measurements Made at Headgate					
3-26	Melvin Kleen	.....	.....	.....	0.0
7-22	Franklin-Kimmel	.....	.....	.....	.0
KILPATRICK RESERVOIR CANAL—A-1160					
Diverted from Kilpatrick Reservoir—Sec. 30-6-39 W.					
Measurements Made near Reservoir Outlet—Sec. 30-6-39 W.					
9-11	D. B. Ender	.....	.....	.....	0.0
9-27	do	.....	.....	.....	.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KING CANAL, WEST—A-1440					
Diverted from Lawrence Fork—Sec. 15-18-52 W.					
Measurements Made at Headgate					
6-23	A. C. Hilpert	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
KING CANAL, EAST—A-1587					
Diverted from Lawrence Fork—Sec. 15-18-52 W.					
Measurements Made at Headgate					
6-23	A. C. Hilpert	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
KINNEY CANAL, SOUTH, NO. 1—D-345, D-350, A-781R, A-1828					
Diverted from Lodgepole Creek—Sec. 31-15-56 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
12- 3	do	.....	.....	.....	.0
KINNEY CANAL, NORTH, NO. 2—D-348, A-718					
Diverted from Lodgepole Creek—Sec. 33-15-56 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
12- 3	do	.....	.....	.....	.0
KITE CANAL—A-1375, A-1469, A-1470					
Diverted from Monroe Creek and Jordan Reservoir;					
A-1399—Sec. 18-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	0.7	0.88	.....	0.6
10-28	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
KREBS CANAL—A-2520					
Diverted from Middle Loup River—Sec. 27-17-12 W.					
Measurements Made at Pump Site					
7- 8	D. E. Olson	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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KREBS PUMP—A-3032

Diverted from Middle Loup River—Sec. 22-17-12 W.
Measurements Made at Pump Site.

7- 8	D. E. Olson	0.0
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KRUEGER CANAL NO. 1—D-325, D-968

Diverted from Lodgepole Creek—Sec. 29-14-48 W.
Measurements Made at Headgate

10- 2	A. C. Hilpert	.....	.....	.....	0.1
10-20	do	.....	.....	.....	.0
12-18	do	.....	.....	.....	.2
1-12	do	.....	.....	.....	.2
1-29	do	.....	.....	.....	.0
2-16	do	.....	.....	.....	.0
3- 5	do	.....	.....	.....	.5
3-31	do	.....	.....	.....	.1
5- 7	do	1.3	1.67	.....	2.2
5-26	do	.....	.....	.....	.1
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.1
7- 9	do	3.8	1.24	.....	4.7
8-30	C. E. Franklin	2.2	.95	.....	2.1
9-13	do	4.0	.88	.....	3.1

KRUEGER CANAL NO. 2—D-324

Diverted from Lodgepole Creek—Sec. 32-14-48 W.
Measurements Made at Headgate

10- 2	A. C. Hilpert	.....	.....	.....	0.1
10-20	do	.....	.....	.....	.0
1-12	do	2.9	0.61	.....	1.7
5- 7	do	1.0	.96	.....	1.0
5-26	do	5.0	1.66	.....	8.4
6-11	do	.....	.....	.....	.0
6-25	do	3.6	.78	.....	2.8
7- 9	do	3.0	.73	.....	2.2
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KRUEGER CANAL NO. 3—D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
1-12	do	.....	.....	.....	.0
5- 7	do	2.7	0.68	.....	1.8
5-26	do	.....	.....	.....	.5
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.2
9-13	C. E. Franklin	2.0	.40	.....	.3

LaBELLE CANAL—D-518, A-60					
Diverted from Niobrara River—Sec. 6-28-54 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	9.6	0.65	.....	6.2
12- 9	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6, 2	do	5.7	1.44	.....	8.7
6-17	do	6.4	1.23	.....	7.9
7- 1	do	8.1	.45	.....	3.6

LAING CANAL—D-825					
Diverted from Lawrence Fork—Sec. 28-18-52 W.					
Measurements Made at Headgate					
6- 8	A. C. Hilpert	1.1	1.04	.....	1.2
6-23	do	1.1	.91	.....	1.0
7- 7	do	.....	.....	.....	.0

LAKOTAH CANAL—D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	3.9	1.23	.....	4.8
10-29	do	1.7	.88	.....	1.5
5-18	do	9.2	1.04	.....	9.5
6- 2	do	7.1	1.18	.....	8.4
6-17	do	7.2	.80	.....	5.8
7- 1	do	8.4	.15	.....	1.2
9- 4	Franklin-Rasmussen	8.0	.56	.....	4.5
9-27	C. E. Franklin	8.1	.74	.....	6.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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LAST CHANCE CANAL—D-883

Diverted from Pumpkinseed Creek—Sec. 27-19-50 W.

Measurements Made at Rating Flume

10-17	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0

LEONARD PUMP

Diverted from Coon Creek—Sec. 24-32-19 W.

Measurements Made at Pump Site

9-14	D. E. Olson	0.0
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LEUI PUMP—A-2935

Diverted from Wagner Creek—Sec. 3-18-17 W.

Measurements Made at Pump Site

7- 7	D. E. Olson	0.0
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LIBBY CANAL—D-312

Diverted from Lodgepole Creek—Sec. 36-14-47 W.

Measurements Made at Headgate

10-21	A. C. Hilpert	.....	.....	.....	0.0
3-31	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.1
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.2
6-26	do	.....	.....	.....	.0
7- 9	do	3.0	1.49	.....	4.4
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523					
Diverted from Niobrara River—Sec. 27-29-48 W.					
Measurements Made at Headgate					
10- 5	A. C. Hilpert	7.4	0.88	1.04	6.5
10-15	do	6.5	1.40	1.20	9.1
10-23	do	2.9	1.36	.79	3.9
11-10	do	3.7	.99	.72	3.7
11-23	do	5.6	.79	.72	4.4
11-27	do	5.7	.85	.77	4.9
12- 7	do	.....	.....	.....	.0
12-22	do	.....	.....	.....	.0
1- 2	do	.....	.....	.....	.0
1-14	do	.....	.....	.....	.0
2- 2	do	.....	.....	.....	.0
2-22	do	.....	.....	.....	.0
4- 7	do	1.6	.88	.44	1.4
5- 8	do	1.7	.61	.44	1.0
5-28	do	1.9	.53	.56	1.0
6-14	do	.....	.....	.....	.0
6-22	do	11.9	.91	1.32	10.9
6-28	do	.....	.....	.....	.0
7- 6	do	8.2	1.15	1.10	9.4
7-13	do	.....	.....	.....	.0
8-26	do	4.5	.64	.54	2.9
LOGAN CANAL—D-902					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
Measurements Made at Headgate					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
10-19	do	.....	.....	.....	.0
3-30	do	4.1	0.74	.....	3.0
4- 5	J. P. Hansen	3.2	.54	.....	1.7
4-20	A. C. Hilpert	1.8	.46	.....	.8
5- 5	do	2.0	.20	.....	.4
5-24	do	.....	.....	.....	.0
6- 8	do	1.9	.51	.....	1.0
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
LOGAN CANAL—D-821					
Diverted from North Platte River—Sec. 24-20-51 W.					
Measurements Made at Headgate					
6- 7	J. P. Hansen	.....	.....	.....	0.0
7- 6	do	.....	.....	.....	.0
8-14	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF STREAMS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LUNDY, DORIS, POWER CANAL—D-1024, A-1224					
Diverted from Middle Loup River—Sec. 4-19-19 W.					
Measurements Made below Spillway					
10- 8	D. E. Olson	170.0	2.42	.....	411.6
5- 5	do	147.0	2.54	.....	374.0
6-23	do	.....	.....	.....	.0
7- 7	do	171.0	2.09	.....	358.0
7-28	do	177.0	2.14	.....	378.0
8-24	do	187.0	2.11	.....	395.0
LYNGHOLM CANAL—D-337					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-27	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	.....	.....	.....	.0
McAULIFFE CANAL—D-814					
Diverted from Lodgepole Creek—Sec. 14-14-51 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-15	C. E. Franklin	.....	.....	.....	.0
McAULIFFE CANAL—A-1559					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-15	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McCARTHY CANAL—D-749					
Diverted from White Tail Creek—Sec. 36-15-38 W.					
Measurements Made at Headgate					
10- 7	E. S. Kimmel	.....	.....	.....	0.0
3-26	Melvin Kleen	.....	.....	.....	.0
7-22	Franklin-Kimmel	.....	.....	.....	.0
McDONALD CANAL—A-644					
Diverted from Republican River—Sec. 36-1-38 W.					
Measurements Made at Headgate					
10- 7	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-21	do	.....	.....	.....	.0
6- 4	do	.....	.....	.....	.9
6-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
McFARLAND CANAL—D-960					
Diverted from White Clay Creek—Sec. 35-32-52 W.					
Measurements Made at 2-foot Weir					
10-28	A. C. Hilpert	.....	.....	.....	0.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
9-25	Franklin-Rasmussen	1.2	0.58	.....	.7
McGINLEY-STOVER CANAL, UPPER—D-521					
Diverted from Niobrara River—Sec. 23-29-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
12-23	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
 Water Year Ending September 30, 1943

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					
10- 9	A. C. Hilpert	8.6	0.58	.....	5.0
10-29	do	8.0	.94	.....	7.5
12-23	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	7.2	.83	.....	6.0
7- 1	do	6.1	.64	.....	3.9
9- 5	Franklin-Rasmussen	1.6	.19	.....	.3
9-28	C. E. Franklin	.....	.....	.....	.1
MCGINLEY-STOVER CANAL, SOUTH—D-513b					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.1
7- 1	do	0.9	0.22	.....	.2
9- 5	Franklin-Rasmussen	6.8	.88	.....	6.0
9-28	C. E. Franklin	3.0	.40	.....	1.2
McINTOSH CANAL—D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-15-55 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
12- 3	do	.....	.....	.....	.1
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hanna-Hilpert	.....	.....	.....	.0
6-24	do	0.8	1.00	0.90	.8
7- 8	do	1.4	1.14	.....	1.6
9-11	C. E. Franklin	.....	.....	.....	.0
McLAUGHLIN CANAL—D-566					
Diverted from Niobrara River—Sec. 9-28-52 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	6.7	0.52	0.86	3.5
10-29	do	.....	.....	.....	.0
6- 2	do	4.3	.69	.....	3.0
6-17	do	7.7	.65	.....	5.0
7- 1	do	8.1	.32	.....	2.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
McMILLAN CANAL—A-2477R, A-2797					
Diverted from Middle Loup River—Sec. 23-21-22 W.					
Measurements Made Near Headgate					
5- 4	D. E. Olson	.....	.....	.....	0.0
5-18	do	7.4	0.94	.....	7.0
6-29	do	7.0	.74	.....	5.3
7-27	do	6.8	.31	.....	5.6
8-18	do	9.0	.79	.....	7.1
9- 2	do	7.0	.93	.....	6.5
MARANVILLE CANAL—D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
Measurements Made at Headgate					
10- 9	D. B. Ender	4.8	0.42	.....	2.0
1-14	do	1.7	.39	.....	.6
2-18	do	1.5	.33	.....	.5
3-24	do	3.9	.68	.....	2.7
4-23	do	3.5	.76	.....	2.7
5-26	do	3.2	.68	.....	2.1
7- 8	do	5.1	1.10	.....	5.6
7-30	do	4.7	.75	.....	3.6
8-19	do	5.3	.74	.....	3.9
9-11	do	3.4	.90	.....	3.1
9-27	do	5.9	.69	.....	4.1
MARTENS PUMP—A-2801					
Diverted from Big Bordeaux Creek—Sec. 16-34-48 W.					
Measurements Made at Pump Site					
10- 7	A. C. Hilpert	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-29	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MEEKER CANAL—D-4, D-7, D-8, D-9					
Diverted from Republican River—Sec. 15-3-31 W.					
Measurements Made at Headgate					
10-10	D. B. Ender	12.9	1.29	1.95	16.6
5-25	do	11.3	1.41	1.89	16.0
6-29	do	16.2	1.61	2.26	25.2
7-21	do	20.3	1.52	1.57	30.9
8- 4	do	17.8	1.52	2.33	27.0
8-12	do	14.9	1.56	2.12	23.2
8-24	do	18.8	1.52	2.48	28.7
9-16	do	14.4	1.28	1.96	18.4
9-30	do	15.7	1.57	2.28	24.7
MEGLEMRE CANAL—A-294, A-853					
Diverted from Greenwood Creek—Sec. 3-18-50 W.					
Measurements Made at Headgate					
6- 7	A. C. Hilpert	1.1	0.54	.....	0.6
7- 6	do	4.0	.55	.....	2.2
MEREDITH-AMMER CANAL—D-876					
Diverted from Pumpkinseed Creek—Sec. 23-19-50 W.					
Measurements Made at Rating Flume					
10-17	A. C. Hilpert	1.4	0.76	0.18	1.1
4-20	do	1.1	.88	.14	1.0
MERIDIAN CANAL—D-459, A-469					
Diverted from Niobrara River—Sec. 25-29-50 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
METTLEN CANAL—A-292, A-1248, A-2244					
Diverted from Niobrara River—Sec. 4-28-54 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	5.6	0.90	.....	5.0
10-29	do	.5	.20	.....	.1
4-16	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.1
7- 1	do	.....	.....	.....	.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MIDDLE LOUP SPILLWAY 12.4 FROM CANAL NO. 1					
Returned to Middle Loup River via Spring Creek					
Measurements Made at Weir—Sec. 27-18-17 W.					
4-27	D. E. Olson	.....	.....	.....	0.9
5- 5	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
5-19	do	.....	.....	.....	.1
MIDDLE LOUP SPILLWAY 12.5 FROM CANAL NO. 2					
Returned to Middle Loup River					
Measurements Made at Weir—Sec. 11-18-17 W.					
4-27	D. E. Olson	.....	.....	.....	0.0
5- 5	do	.....	.....	.....	.0
5-11	do	3.0	0.21	0.13	.6
5-19	do	6.6	.84	.43	5.6
MIDDLE LOUP SPILLWAY 24.7 FROM CANAL NO. 3					
Returned to Middle Loup River					
Measurements Made at Weir					
4-28	D. E. Olson	.....	.....	.....	0.0
5- 6	do	.....	.....	.....	.0
5-13	do	17.0	1.19	1.02	20.2
5-21	do	8.6	1.31	.63	11.3
MIDDLE LOUP SPILLWAY 29.5 FROM CANAL NO. 4					
Returned to Middle Loup River					
Measurements Made at Weir					
4-28	D. E. Olson	.....	.....	.....	0.0
5- 6	do	.....	.....	.....	.0
5-13	do	17.4	1.37	0.96	23.9
5-21	do	9.1	.14	.55	12.6
MINATARE CANAL SPILL					
Near McGrew—Sec. 21-21-53 W.					
5-26	J. P. Hansen	2.6	4.77	0.62	12.4
6-15	do	.....	.....	.....	2.0
6-29	do	2.8	5.05	.70	14.2
7-13	do	2.8	4.78	.70	13.4
8-10	do	.....	.....	.....	.9
8-31	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MONROE CANAL, BIG—D-506, A-2372					
Diverted from Monroe Creek—Sec. 33-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	1.0	1.05	.....	1.1
10-29	do	2.7	.75	.....	2.0
2-27	Hilpert-Rasmussen	1.4	1.13	.....	1.6
4-16	A. C. Hilpert	1.6	1.34	.....	2.2
5-12	do	1.6	1.40	.....	2.2
6- 1	do	1.3	1.33	.....	1.8
6-16	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0
MONTAGUE CANAL—A-575					
Diverted from Niobrara River—Sec. 27-29-48 W.					
Measurements Made at Headgate					
10- 5	A. C. Hilpert	.....	.....	.....	0.0
10-15	do	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0
11-10	do	.....	.....	.....	.0
11-23	do	.....	.....	.....	.0
11-27	do	.....	.....	.....	.0
12- 7	do	.....	.....	.....	.0
12-22	do	.....	.....	.....	.0
1- 2	do	.....	.....	.....	.0
1-14	do	.....	.....	.....	.0
2- 2	do	.....	.....	.....	.0
2-22	do	.....	.....	.....	.0
4- 7	do	.....	.....	.....	.0
5- 8	do	.....	.....	.....	.0
5-28	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-22	do	.....	.....	.....	.1
6-28	do	.....	.....	.....	.0
7- 6	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
Measurements Made at Headgate					
10-10	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MUTUAL CANAL—D-843					
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.					
Measurements Made at Rating Flume					
10-19	A. C. Hilpert	3.5	0.57	0.94	2.0
4-20	do	.....	.....	.....	.0
5- 5	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.1
6- 8	do	.....	.....	.....	.0
6-23	do	2.2	1.04	.61	2.3
7- 7	do	5.1	.35	.....	1.8
8-23	J. P. Hansen	6.2	.35	1.03	2.2
9- 8	C. E. Franklin	8.7	.34	.....	3.0

NAAB PUMP—A-2091

Diverted from North Loup River—Sec. 28-21-17 W.
Measurements Made at Pump Site

9-22	D. E. Olson	0.0
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NASLAND CANAL—A-661

Diverted from Lodgepole Creek—Sec. 1-12-45 W.
Measurements Made at Headgate

10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
12- 4	do	.....	.....	.....	.0
1-11	do	.....	.....	.....	.0
1-29	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	1.6	1.37	.....	2.2
7- 9	do	1.1	1.00	.....	1.1
9-16	C. E. Franklin	.....	.....	.....	.0

NELSON CANAL—D-845

Diverted from Greenwood Creek—Sec. 33-18-50 W.
Measurements Made at Headgate

6- 7	A. C. Hilpert	2.5	0.91	.....	2.3
7- 6	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NEUMAN CANAL—A-611, A-1445					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-15	C. E. Franklin	.....	.....	.....	.0
NEUMAN CANALS, NO. 1 AND NO. 2—A-565					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	2.2	1.08	.....	2.4
9-15	C. E. Franklin	.....	.....	.....	.0
NEWTON CANAL—A-2263, A-2863, A-2927					
Diverted from North Loup River—Sec. 35-23-21 W.					
Measurements Made at North Line of Sec. 32-23-20 W.					
10- 7	D. E. Olson	5.8	1.03	1.36	6.0
5- 4	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6-29	do	7.4	1.01	1.94	7.5
7-27	do	11.2	1.71	2.08	19.3
8-18	do	12.8	1.36	2.03	17.4
9- 2	do	4.8	1.00	1.21	4.8
9-22	do	4.4	.82	1.20	3.6
NEWTON CANAL—A-2263, A-2863, A-2927					
Diverted from North Loup River—Sec. 35-23-21 W.					
Measurements Made at Sec. 36-23-21 W.					
10- 7	D. E. Olson	8.0	0.73	.....	5.8
5- 4	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6-29	do	34.7	.49	.....	16.9
7-27	do	27.8	.74	.....	20.6
8-18	do	26.7	.71	.....	18.9
9- 2	do	10.8	.61	.....	6.6
9-22	do	13.4	.43	.....	5.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NIEHUS CANAL—A-550					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
Measurements Made at Headgate					
10-19	A. C. Hilpert	.....	.....	.....	0.0
5- 5	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.1
7- 7	do	0.5	0.78	.....	.4
NORTH LOUP BURWELL-SUMTER CANAL—A-2312					
Diverted from North Loup River—Sec. 14-21-16 W.					
Measurements Made at Rating Flume—Sec. 19-21-15 W.					
10-13	D. E. Olson	20.2	1.06	.....	21.4
10-20	do	20.7	.97	.....	20.1
5-10	do	34.2	1.34	2.90	45.9
NORTH LOUP SPILLWAY 24.90 FROM BURWELL-SUMTER CANAL					
Measurements Made above Weir—Sec. 20-19-13 W.					
10-13	D. E. Olson	6.2	0.98	0.47	5.8
5- 3	do	.....	.....	.....	.0
5-10	do	4.7	2.02	.84	9.5
5-17	do	5.1	1.83	.83	9.3
NORTH LOUP SPILLWAY 16.69 FROM ORD-NORTH LOUP CANAL					
Returned to North Loup River					
Measurements Made below Weir—Sec. 8-17-12 W.					
4-27	D. E. Olson	2.6	1.95	0.62	5.1
5- 6	do	4.5	3.22	.95	10.0
5-12	do	4.9	2.26	1.03	11.2
NORTH LOUP SPILLWAY 33.90 FROM TAYLOR-ORD CANAL					
Returned to North Loup River via Dane Creek					
Measurements Made below Weir—Sec. 16-19-14 W.					
5- 3	D. E. Olson	3.1	1.99	0.62	6.2
5-10	do	3.3	2.26	.81	7.4
5-17	do	.....	.....	.03	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NORTH PLATTE CANAL SPILL To Scout Creek—Sec. 24-14-31 W.					
10- 2	Melvin Kleen	.....	.....	.....	0.0
10-15	do	.....	.....	.....	.0
10-24	do	.....	.....	.....	.0
11- 2	do	.....	.....	.....	.0
11-20	do	.....	.....	.....	.0
5- 6	do	3.6	1.67	0.60	6.0
5-12	do	2.6	1.42	.44	3.7
5-22	do	2.0	1.20	.33	2.4
5-28	do	1.2	.62	.16	.7
6- 7	do	5.7	2.19	.94	12.5
6-15	do	2.4	1.58	.41	3.8
6-22	do	3.2	1.94	.53	6.2
6-29	do	.9	.44	.12	.4
7- 9	do	7.5	2.52	1.26	18.9
7-26	do	6.3	2.36	1.06	14.9
8- 6	do	.9	.55	.16	.5
8-17	do	.....	.....	.09	.1
9- 4	do	7.8	2.54	1.32	19.8
9-15	do	.9	.33	.12	.3
9-25	do	8.4	2.64	1.39	22.2

NORTH PLATTE CANAL SPILL
Cook Spillway—Sec. 26-14-31 W.

10- 2	Melvin Kleen	12.6	0.94	0.98	11.9
10-15	do	2.8	1.50	.48	4.2
10-24	do	1.2	.67	.22	.8
11- 2	do	1.2	.75	.26	.9
11-20	do	.....	.....	.....	.0
5- 6	do	13.8	1.49	1.31	20.6
5-12	do	14.9	1.19	1.11	17.7
5-22	do	2.6	1.54	.43	4.0
5-28	do	.....	.....	.....	.0
6- 7	do	1.6	1.23	1.26	19.7
6-15	do	2.2	1.54	.46	3.4
6-22	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7- 9	do	18.3	1.30	1.54	23.7
7-26	do	2.6	1.69	.48	4.4
8- 6	do	2.6	1.42	.39	3.7
8-17	do	2.8	1.68	.48	4.7
9- 4	do	25.7	1.38	.....	35.4
9-15	do	2.8	1.04	.51	2.9
9-25	do	9.5	1.38	.92	13.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NORTH PLATTE CANAL SPILL					
North Platte—Sec. 29-14-30 W.					
10- 2	Melvin Kleen	8.6	1.76	1.30	15.1
10-15	do	2.8	1.28	.96	3.6
10-24	do	1.0	1.00	.70	1.0
11- 2	do	1.1	1.09	.72	1.2
11-20	do	.....	.....	.....	.0
5- 6	do	11.0	1.88	1.50	20.6
5-12	do	7.6	1.69	1.20	12.9
5-22	do	2.2	1.00	.81	2.2
5-28	do	.....	.....	.....	.0
6- 7	do	11.6	1.71	1.74	19.8
6-19	do	4.2	1.24	.97	5.2
6-25	do	.6	.83	.80	.5
7-10	do	13.4	1.86	1.70	24.9
7-31	do	6.3	1.87	1.10	11.8
8- 6	do	7.6	1.80	1.17	13.7
8-17	do	4.2	1.43	.99	6.0
9- 4	do	7.6	2.01	1.28	15.3
9-15	do	7.5	1.56	1.13	11.7
9-25	do	9.0	1.86	1.30	16.7
OBERFELDER CANAL—D-306					
Diverted from Lodgepole Creek—Sec. 31-14-46 W.					
Measurements Made at Headgate					
10-21	A. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	2.7	0.67	.....	1.8
O'DONNELL CANAL—A-432, A-2036					
Diverted from Big Bordeaux Creek—Sec. 9-34-48 W.					
Measurements Made at Headgate					
10- 7	A. C. Hilpert	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-10	do	1.1	0.23	.....	.2
5-29	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
OLIVER BROTHERS CANAL—A-1284					
Diverted from Frenchman River—Sec. 7-5-35 W.					
7- 9	D. B. Ender	30.9	1.07	.....	33.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
OSHKOSH CANAL—D-797, A-243R					
Diverted from North Platte River—Sec. 33-17-44 W.					
Measurements Made at Rating Flume					
10- 2	E. S. Kimmel	.....	.....	.....	0.0
10- 9	do	.....	.....	.....	.0
10-16	do	.....	.....	.....	.0
OWASCO CANAL—D-347, A-725					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements Made at Rating Flume					
10- 1	A. C. Hilpert	2.4	1.71	0.31	4.1
10-20	do	3.0	1.93	.28	5.8
11-13	do	.....	.....	.....	.0
12- 3	do	.....	.....	.....	.0
1-12	do	.....	.....	.....	.0
1-30	do	.....	.....	.....	.0
2-16	do	.....	.....	.....	.0
3- 5	do	.....	.....	.....	.0
3-30	do	.....	.....	.....	.0
OWASCO CANAL (BAY STATE LATERAL)—D-347R					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements Made out of Owasco Canal					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
12- 3	do	.....	.....	.....	.0
1-12	do	.....	.....	.....	.0
OX YOKE CANAL—D-447					
Diverted from Ash Creek—Sec. 29-32-50 W.					
Measurements Made at Headgate					
10-27	A. C. Hilpert	.....	.....	.....	0.0
12-26	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
PAISLEY CANAL—D-800, A-515, A-1738					
Diverted from Blue Creek and Crescent Lake, A-1575—Sec. 28-17-42 W.					
Measurements Made at Rating Flume					
10- 6	E. S. Kimmel	.....	.....	.....	0.0
10-13	do	.....	.....	.....	.0
11- 4	J. P. Hansen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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- 6	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-20	do	.....	.....	.....	.0
6- 3	do	6.4	0.66	.....	4.3
6-28	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8-16	do	.....	.....	.....	.0
9- 8	do	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0

PAXTON-HERSHEY CANAL SPILL
Sec. 14-14-32 W.

10- 2	Melvin Klöen	13.5	0.98	0.35	13.2
10-15	do	.....	.....	.....	.0
5- 6	do	8.2	1.33	.36	10.9
5-12	do	12.2	1.30	.46	15.9
5-22	do	7.0	1.31	.30	9.2
5-28	do	.....	.....	.....	.0
6- 7	do	7.8	1.32	.33	10.3
6-15	do	17.2	1.29	.52	22.2
6-22	do	.....	.....	.....	.0
6-29	do	26.2	1.28	.75	33.7
7- 9	do	18.0	1.26	.52	22.6
7-26	do	16.0	1.30	.51	20.8
8- 6	do	33.6	1.07	.81	36.0
8-17	do	.....	.....	.....	.0
9- 4	do	21.8	1.02	.54	22.3
9-15	do	13.8	1.14	.43	15.7
9-25	do	5.6	1.00	.17	5.6

PERSINGER CANAL—D-297

Diverted from Lodgepole Creek—Sec. 33-14-46 W.

Measurements Made at Headgate

10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	0.4	0.75	.....	.3
12- 4	do	.....	.....	.....	.0
1-29	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	1.0	.49	.....	.5
6-26	do	.....	.....	.....	.0
7- 9	do	1.4	.78	.....	1.1
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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PETERS CANAL—D-913

Diverted from Pumpkinseed Creek—Sec. 2-19-56 W.

Measurements Made at Headgate

10- 1	A. C. Hilpert	.....	.....	.....	0.1
10-19	do	0.7	0.29	.....	.2
3-30	do	.....	.....	.....	.0
4- 5	J. P. Hansen	.....	.....	.....	.0
4-20	A. C. Hilpert	.....	.....	.....	.0
5- 5	do	2.3	1.11	.....	2.7
5-24	do	.....	.....	.....	.1
6- 8	do	.....	.....	.....	.1
6-23	do	.5	.43	.....	.2
7- 7	do	.5	.40	.....	.2

PHELPS COUNTY CANAL—A-2355

Diverted from Platte River—Sec. 8-13-29 W.

Measurements Made in Sec. 2-8-21 W.

10- 7	Melvin Kleen	130.0	1.53	2.41	198.0
10-13	do	152.0	1.50	2.95	228.0
10-20	do	121.0	1.61	2.46	194.0
11- 4	do	15.0	.75	1.25	11.3
3-30	do	148.0	1.58	2.42	234.0
4- 6	do	82.6	1.59	1.80	131.0
4-20	do	141.0	1.51	3.20	213.0
5- 4	do	90.6	1.72	1.92	156.0
5-10	do	95.1	1.72	2.02	164.0
5-20	W. F. Prettyman	.....	.....	1.70	135.0
5-25	Melvin Kleen	72.2	1.66	1.60	120.0
6- 9	Prettyman-Ball	.....	.....	2.15	190.0
6-17	Melvin Kleen	118.0	1.78	2.43	210.0
6-23	do	149.0	1.77	2.90	264.0
7- 2	W. F. Prettyman	.....	.....	2.97	263.0
7-14	Melvin Kleen	134.0	1.78	2.73	239.0
7-27	do	270.0	2.11	5.51	569.0
7-29	W. F. Prettyman	.....	.....	5.74	631.0
8-13	do	.....	.....	4.87	556.0
8-23	Melvin Kleen	254.0	2.34	5.16	595.0
9-13	do	107.0	1.57	2.66	168.0
9-22	do	120.0	1.72	2.74	207.0

PIONEER CANAL, NORTH—D-442a

Diverted from Niobrara River—Sec. 36-29-51 W.

Measurements Made at Headgate

10-10	A. C. Hilpert	4.1	0.73	.....	3.0
12- 9	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	10.0	.36	.....	3.6

DISCHARGE MEASUREMENTS OF CANALS—Continued.
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PIONEER CANAL, SOUTH—D-442b. Diverted from Niobrara River—Sec. 31-29-50 W. Measurements Made at Headgate					
10-10	A. C. Hilpert	7.3	0.19	.....	1.4
10-29	do	11.7	.52	.....	6.1
12- 9	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	15.0	.09	.....	1.4

POTMESIL CANAL—A-2566 Diverted from Niobrara River—Sec. 26-29-48 W. Measurements Made at Headgate					
10- 5	A. C. Hilpert	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
12- 7	do	0.6	0.33	.....	.2
2-22	do	1.0	.42	.....	.4
4- 7	do	.....	.....	.....	.1
5- 8	do	.....	.....	.....	.0
5-23	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0

PREMIER CANAL—D-340 Diverted from Lodgepole Creek—Sec. 3-14-58 W. Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	3.8	1.13	.....	4.3
6-24	do	3.3	1.15	.....	3.8
7- 8	do	3.5	.83	.....	2.9
9-10	Franklin-Hanna	3.0	1.33	.....	3.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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RALTON CANAL—A-882

Diverted from Lodgepole Creek—Sec. 36-13-45 W.

Measurements Made at Headgate

10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-15	C. E. Franklin	.....	.....	.....	.0

RANDALL CANAL—A-1100

Diverted from Lawrence Fork—Sec. 21-18-52 W.

Measurements Made at Headgate

6- 8	A. C. Hilpert	3.6	1.33	0.90	4.8
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0

RANKIN CANAL—A-2477

Diverted from Middle Loup River—Sec. 4-21-23 W.

Measurements Made at Headgate

5- 4	D. E. Olson	.....	.....	.....	0.0
5-18	do	.....	.....	.....	.0
6-29	do	1.5	0.86	.....	1.3
7-27	do	2.4	1.60	.....	4.0
8-18	do	3.6	1.06	.....	3.8
9- 2	do	1.8	.83	.....	1.5
9-22	do	1.0	.53	.....	.5

RASHER CANAL—D-467, A-456, A-534

Diverted from White River—Sec. 19-32-51 W.

Measurements Made at Headgate

10-28	A. C. Hilpert	.....	.....	.....	0.0
12-31	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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RIVERSIDE CANAL—D-156

Diverted from Republican River—Sec. 29-1-37 W.

Measurements Made at Headgate

10- 7	D. B. Ender	.....	.....	.....	0.0
11-12	do	.....	.....	.....	.0
4-21	do	.....	.....	.....	.0
6- 4	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0

RIVERSIDE CANAL—D-18, A-1674

Diverted from Frenchman River—Sec. 33-4-32 W.

Measurements Made at Headgate

10- 8	D. B. Ender	4.4	1.00	1.15	4.4
1-13	do	.....	.....	.....	.0
4-23	do	7.2	1.26	1.68	9.1
6- 8	do	9.5	1.43	1.88	13.6
7- 7	do	7.4	1.37	.....	10.2
7-29	do	.....	.....	.....	.0
8-12	do	.....	.....	.....	.0
8-25	do	4.9	.79	1.10	3.9
8-27	do	7.3	1.00	1.47	7.3
9-16	do	10.2	1.02	1.93	10.4
9-30	do	.....	.....	.....	.0

ROUND HOUSE ROCK CANAL—D-884

Diverted from Pumpkinseed Creek—Sec. 28-19-51 W.

Measurements Made at Rating Flume

4-20	A. C. Hilpert	.....	.....	.....	0.0
5- 5	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
8-23	J. P. Hansen	4.8	0.7	.....	3.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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 Near Headgate					
10- 2	A. C. Hilpert	1.6	0.94	.....	1.5
10-20	do	2.0	1.15	.....	2.3
1-29	do	2.0	1.50	.....	3.0
5- 6	do	2.0	1.64	.....	3.3
5-25	do	2.0	1.17	.....	2.3
6-10	do	1.6	.24	.....	.4
6-25	do	1.2	.17	.....	.2
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	.....	.....	.....	.1
RUSH CREEK CANAL—D-802					
Diverted from North Platte River—Sec. 2-17-46 W.					
Measurements Made at Rating Flume					
9-13	A. C. Hilpert	.....	.....	.....	0.0
RUTTNER CANAL—A-906					
Diverted from Lodgepole Creek—Sec. 30-14-47 W.					
Measurements Made at Headgate					
10-21	A. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.1
6-26	do	0.6	0.37	.....	.2
7- 9	do	1.4	.74	.....	1.0
9-13	C. E. Franklin	.5	.60	.....	.3
RUTTNER CANAL, NEW—D-350R, A-727, A-857, A-869					
Diverted from Lodgepole Creek—Sec. 36-15-57 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	1.2	0.75	0.30	0.9
10-20	do	.8	.90	.21	.7
12- 3	do	2.5	.60	.23	1.5
12-18	do	1.4	.93	.22	1.3
1-12	do	.....	.....	.....	.0
1-30	do	.....	.....	.....	.0
2-16	do	.....	.....	.....	.0
3- 5	do	.....	.....	.....	.0
3-30	do	.....	.....	.....	.0
4-21	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	.....	.....	.....	.0
6-24	do	1.8	1.77	.47	3.2
7- 8	do	2.8	.61	.69	1.7
9-10	Franklin-Hanna	.7	.85	.....	.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SCHILT-CEDAR CREEK CANAL—D-507					
Diverted from Cedar Creek—Sec. 35-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
2-27	Hilpert-Rasmussen	0.4	0.75	.....	.3
4-16	A. C. Hilpert	.3	.52	.....	.2
5-12	do	.4	.60	.....	.2
6-16	do	.3	.67	.....	.2
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0

SCHILT-MONROE CANAL—D-509					
Diverted from Monroe Creek—Sec. 27-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0

SCHILT-PRAIRIE DOG CANAL—D-508					
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	0.1	1.00	.....	.1
2-27	Hilpert-Rasmussen	.4	.50	.....	.2
2-27	do	.2	.50	.....	.1
4-16	A. C. Hilpert	.3	.80	.....	.2
5-12	do	.3	.40	.....	.1
6-16	do	.2	.60	.....	.1
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0

SCHNELL CANAL—A-3588					
Measurements Made at Headgate —Sec. 1-19-56 W.					
3-30	A. C. Hilpert	1.4	0.26	.....	0.4
4- 5	J. P. Hansen	.5	.18	.....	.1
4-20	A. C. Hilpert	.....	.....	.....	.0
5- 5	do	1.0	.46	.....	.5
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	1.4	.36	.....	.5
7- 7	do	1.2	.25	.....	.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SCHNELL PUMP					
From Ground Water					
Measurements Made at Sec. 1-19-56 W.					
6-23	A. C. Hilpert	1.3	0.69	.....	0.9
SCOTT CANAL—A-711					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
Measurements Made at Headgate					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
10-19	do	.....	.....	.....	.0
3-30	do	.....	.....	.....	.0
4- 5	J. P. Hansen	3.3	0.41	.....	1.4
4-20	A. C. Hilpert	2.3	.84	.....	1.9
5- 5	do	.5	.44	.....	.2
5-24	do	.....	.....	.....	.1
6- 8	do	1.4	.81	.....	1.1
6-23	do	1.7	.77	.....	1.3
7- 7	do	1.9	.37	.....	.7
SCRIPTER CANAL—A-2288					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
10- 7	E. S. Kimmel	1.0	0.92	.....	0.9
5-25	C. E. Franklin	.....	.....	.....	.0
6-25	do	.3	.20	.....	.1
7-14	do	.7	.57	.....	.4
8-10	do	.....	.....	.....	.0
8-25	do	.....	.....	.....	.0
9- 9	A. C. Hilpert	4.0	.65	0.60	2.6
9-22	do	.....	.....	.....	.1
SHELDON CANAL—A-493					
Diverted from East Ash Creek—Sec. 30-32-50 W.					
Measurements Made at Headgate					
5-10	A. C. Hilpert	.....	.....	.....	0.0
SHERBECK PUMP—A-1894					
Diverted from Mud (Beaver) Creek—Sec. 4-16-17 W.					
Measurements Made at Pump Site					
9- 7	D. E. Olson	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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 at Rating Flume					
10- 8	E. S. Kimmel	.....	.....	.....	0.0
10-14	do	.....	.....	.....	.0
3-26	Melvin Kleen	.....	.....	.....	.0
4-20	C. E. Franklin	0.6	0.80	.....	.5
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 16-16-43 W.					
Measurements Made at Rating Flume					
6-23	C. E. Franklin	.....	.....	.....	0.0
SIMONS CANAL—A-2363					
Diverted from Little Cottonwood Creek—Sec. 9-32-51 W.					
Measurements Made at Headgate					
10- 7	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-31	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
9-25	Franklin-Rasmussen	.....	.....	.....	.0
SIX MILE CANAL—D-680					
Diverted from Platte River and Sutherland Reservoir—Sec. 11-11-26 W.					
Measurements Made at Rating Flume					
10- 3	Melvin Kleen	.....	.....	.....	0.0
10- 8	do	.....	.....	.....	.0
3-24	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
4-23	do	.....	.....	.....	.1
4-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SLATTERY CANAL—A-749, A-2021					
Diverted from Dead Horse Creek—Sec. 32-33-49 W.					
Measurements Made at Headgate					
10-27	A. C. Hilpert	.....	.....	.....	0.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
SMITH-WHEELER CANAL—D-842					
Diverted from Pumpkinseed Creek—Sec. 26-19-51 W.					
Measurements Made at Headgate					
4-20	A. C. Hilpert	.....	.....	.....	0.0
5-24	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
6-23	do	0.8	0.50	0.93	.4
7- 7	do	.5	.60	.90	.3
SODERQUIST CANAL—A-1237, A-1420					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-15	C. E. Franklin	.....	.....	.....	.0
SOW BELLY CANAL, OLD—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	0.8	1.00	.....	.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SOW BELLY SUPPLY CANAL, OLD—A-2306					
Diverted from Sow Belly Creek—Sec. 5-32-55 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
SPOHN CANAL—D-801					
Diverted from North Platte River—Sec. 13-17-45 W.					
Measurements Made at Rating Flume					
10- 2	E. S. Kimmel	.....	.....	.....	0.0
10- 9	do	.....	.....	.....	.0
10-16	do	.....	.....	.....	.0
SPRING BRANCH CANAL—D-862, D-893, A-669					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
Measurements Made at Headgate					
10-19	A. C. Hilpert	0.5	0.75	.....	0.4
5- 5	do	1.6	1.09	.....	1.7
5-24	do	.5	.89	.....	.5
6- 8	do	.8	.49	.....	.4
6-23	do	.6	.50	.....	.3
7- 7	do	2.7	1.00	.....	2.7
SPRING CREEK CANAL NO. 1—D-473					
Diverted from Spring Creek, Tributary to Little Cottonwood Creek— Sec. 13-32-52 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-31	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2- 4	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
9-25	Franklin-Rasmussen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
STUART BROTHERS CANAL, NORTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
Measurements Made at Headgate					
10- 6	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-31	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
9-26	Franklin-Rasmussen	.....	.....	.....	.0
STUART BROTHERS CANAL, SOUTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
Measurements Made at Headgate					
10- 6	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-31	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
4-15	do	2.8	1.33	.....	3.7
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
STUMPH CANAL—D-447R, D-1023½					
Diverted from East Ash Creek—Sec. 31-32-50 W.					
Measurements Made at Headgate					
10-27	A. C. Hilpert	.....	.....	.....	0.0
12-26	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
9-25	Franklin-Rasmussen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

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					
10-15	Melvin Kleen	.....	.....	.....	0.0
3-27	do	2.2	0.45	.....	1.0
4-22	do	3.4	1.08	.....	3.7
SUBURBAN CANAL—D-662					
Diverted from Lincoln County Drain No. 1A—Sec. 25-14-32 W.					
Measurements Made below Headgate					
10- 2	Melvin Kleen	5.0	0.59	0.13	2.9
TAYLOR CANAL—A-766					
Diverted from Niobrara River and Pepper Creek—Sec. 28-29-47 W.					
Measurements Made at Headgate					
10- 5	A. C. Hilpert	.....	.....	.....	0.0
THIRTY MILE CANAL SPILL, LITTLE SPILLWAY					
Sec. 35-11-25 W.					
10- 3	Melvin Kleen	4.4	1.30	1.20	5.9
10-16	do	3.6	1.19	1.00	4.3
10-27	do	.....	.....	.....	.0
11-12	do	.....	.....	.....	.0
4-21	do	5.0	1.12	1.20	5.6
4-29	do	6.4	1.33	1.43	8.5
5- 7	do	7.4	1.57	1.71	11.6
5-14	do	6.0	1.25	1.42	7.5
5-21	do	7.6	1.60	1.71	12.2
5-28	do	1.3	.43	.65	.8
6- 4	do	2.2	.54	.71	1.2
6-21	do	7.8	1.59	2.30	12.4
6-28	do	7.8	2.10	2.29	16.3
7- 8	do	5.0	1.32	1.87	6.6
7-22	do	.....	.....	.....	.0
7-29	do	.6	.50	.79	.3
8-11	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-30	do	1.2	2.17	.99	2.6
9-10	do	.....	.....	.....	.0
9-17	do	5.7	1.70	1.73	9.6
9-28	do	4.8	1.66	1.64	8.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
THIRTY MILE CANAL SPILL, MIDDLE SPILLWAY					
Sec. 7-10-24 W.					
10- 3	Melvin Kleen	1.3	1.00	0.62	1.3
10-16	do	.....	.....	.....	.0
10-27	do	7.0	1.93	1.74	13.5
11-12	do	.....	.....	.....	.0
4-21	do	5.0	1.64	.....	8.2
4-29	do	5.4	1.43	1.40	7.7
5- 7	do	8.0	1.86	1.53	14.9
5-14	do	11.4	1.88	2.26	21.4
5-21	do	12.4	1.74	2.40	21.6
5-28	do	1.2	.62	.58	.7
6- 4	do	.....	.....	.....	.0
6-21	do	7.6	1.92	1.73	14.6
6-28	do	2.6	1.46	1.00	3.8
7- 8	do	4.6	1.80	1.32	8.3
7-22	do	1.2	.42	.46	.5
7-29	do	1.4	.43	.52	.6
8-11	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-10	do	6.4	1.64	1.58	10.5
9-17	do	3.4	1.56	1.20	5.3
9-28	do	5.2	1.44	1.20	7.5
THIRTY MILE CANAL SPILL, HENDERSON SPILLWAY					
Sec. 8--10-24 W.					
10- 3	Melvin Kleen	7.6	1.40	0.74	11.3
10-16	do	.....	.....	.....	.0
10-27	do	7.4	1.52	.77	11.2
11-12	do	.....	.....	.....	.0
4-21	do	7.8	1.51	.82	11.8
4-29	do	6.5	.74	.55	4.8
5- 7	do	1.6	.56	.28	.9
5-14	do	10.2	1.97	1.01	20.1
5-21	do	10.4	2.60	1.18	27.1
5-28	do	7.6	1.17	.69	8.9
6- 4	do	8.8	1.80	.92	15.8
6-21	do	10.6	2.15	1.05	22.9
6-28	do	7.2	1.11	.68	8.0
7- 8	do	8.6	1.43	.78	12.3
7-22	do	8.0	1.22	.72	9.8
7-29	do	1.0	.60	.26	.6
8-11	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-10	do	7.2	1.36	.71	9.8
9-17	do	1.6	.88	.33	1.4
9-28	do	2.2	1.27	.43	2.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
THIRTY MILE CANAL SPILL, DARR SPILLWAY					
Sec. 8-9-22 W.					
10- 7	Melvin Kleen	5.0	1.70	1.38	8.5
10-13	do	5.2	1.85	1.38	9.6
10-19	do	9.0	1.98	1.60	17.8
10-26	do	9.6	1.88	1.68	18.1
4-20	do	6.2	2.26	1.44	14.0
4-27	do	7.0	1.80	1.53	12.6
5- 4	do	5.0	1.64	1.22	8.2
5-10	do	5.4	1.59	1.25	8.6
5-20	do	6.5	1.72	1.31	11.2
5-25	do	7.3	1.90	1.35	13.9
6-17	do	12.8	2.11	1.77	27.0
6-23	do	11.9	2.26	1.72	26.9
6-30	do	5.9	2.02	1.28	11.9
7-14	do	8.4	2.25	1.40	18.9
7-27	do	.....	.....	.....	.0
8- 3	do	.....	.....	.....	.0
8-12	do	.....	.....	.56	.1
8-23	do	1.1	1.18	.78	1.3
9- 2	do	.....	.....	.....	.0
9-13	do	3.8	1.50	1.02	5.7
9-22	do	4.1	1.46	1.08	6.0
9-28	do	8.0	1.89	1.33	15.1

THOMAS CANAL—A-2057

Diverted from East Ash Creek—Sec. 19-32-50 W.
Measurements Made at Headgate

10-27	A. C. Hilpert	.....	.....	.....	0.0
12-26	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
9-25	Franklin-Rasmussen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
THOMAS CANAL—A-1748					
Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.					
Measurements Made at Headgate					
10- 7	A. C. Hilpert	.....	.....	.....	0.1
10-24	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-24	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2- 2	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
3-24	do	1.2	0.42	.....	.5
4- 8	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-29	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
THOMAS-STUART CANAL—D-425					
Diverted from Little Cottonwood Creek—Sec. 8-32-52 W.					
Measurements Made at Headgate					
10- 6	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
12- 8	do	.....	.....	.....	.0
12-31	do	2.9	2.18	.....	2.2
1-15	do	2.6	.70	.....	1.8
2-23	do	.9	.75	.....	.7
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
9-26	Franklin-Rasmussen	.....	.....	.....	.0
TOBIN CANAL—D-330					
Diverted from Lodgepole Creek—Sec. 28-14-47 W.					
Measurements Made at Headgate					
10-21	A. C. Hilpert	.....	.....	.....	0.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
TODD CANAL—A-520					
Diverted from East Ash Creek—Sec. 5-31-50 W.					
Measurements Made at Headgate					
10-27	A. C. Hilpert	.....	.....	.....	0.0
4-15	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
9-25	Franklin-Rasmussen	.....	.....	.....	.0
TOWNE PUMP—A-3088, A-3197					
Diverted from Medicine Creek—Sec. 26-8-29 W.					
Measurements Made at Pump Site					
7-28	D. B. Ender	2.5	0.76	.....	1.9
TRACY CANAL—A-870					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
11-13	do	.....	.....	.....	.0
12- 3	do	.....	.....	.....	.0
12-18	do	.....	.....	.....	.0
1-12	do	.....	.....	.....	.0
1-30	do	.....	.....	.....	.0
2-16	do	.....	.....	.....	.0
3- 5	do	.....	.....	.....	.0
3-30	do	.....	.....	.....	.0
4-21	do	.....	.....	.....	.0
5- 6	do	2.0	1.36	.....	2.8
5-25	do	.....	.....	.....	.1
6- 9	Hilpert-Hanna	.....	.....	.....	.1
6-24	do	1.9	1.10	.....	2.1
7- 8	do	.....	.....	.....	.0
9-10	Franklin-Hanna	1.0	.30	.....	.3
TRAILS END CANAL—A-3453					
Diverted from Pumpkinseed Creek—Sec. 30-19-52 W.					
Measurements Made at Headgate					
10- 1	A. C. Hilpert	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5- 5	do	1.4	0.36	0.44	.5
5-24	do	10.5	.71	1.40	7.5
6- 8	do	12.8	.61	1.46	7.8
6-23	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
8-23	J. P. Hansen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
TRINNIER CANAL—D-849, A-1551					
Diverted from Greenwood Creek—Sec. 28-18-50 W. Measurements Made at Headgate					
6- 7	A. C. Hilpert	.....	.....	.....	0.1
7- 6	do	.....	.....	.....	.0
TRI-STATE CANAL, TOOHEY SPILLWAY					
To River—Sec. 19-23-56 W.					
4-15	J. P. Hansen	5.4	1.72	0.32	9.3
4-23	do	4.5	2.15	.30	9.7
5- 5	do	.....	.....	.....	.0
5-13	do	.....	.....	.....	.0
5-27	do	.....	.....	.....	.0
6- 1	do	6.9	2.65	.34	13.3
TRI-STATE CANAL, MITCHELL SPILLWAY					
To River—Sec. 35-23-56 W.					
4-23	J. P. Hansen	1.6	0.88	.....	1.4
5- 5	do	.....	.....	.....	.0
5-13	do	.7	.40	.....	.3
5-25	do	.....	.....	.....	.0
TROGNITZ CANAL—D-365					
Diverted from Lodgepole Creek—Sec. 36-14-50 W. Measurements Made at Headgate					
9-12	C. E. Franklin	1.8	0.22	.....	0.4
URBACH CANAL—D-308, A-723					
Diverted from Lodgepole Creek—Sec. 15-14-51 W. Measurements Made at Headgate					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6-10	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-11	C. E. Franklin	.....	.....	.....	.0
VALDEZ CANAL—D-976, A-3450					
Diverted from Cedar Creek—Sec. 10-32-56 W. Measurements Made at Headgate					
2-27	Hilpert-Rasmussen	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
VANSANT-SCOTT PUMP—A-2900					
Diverted from Clear Creek—Sec. 27-17-18 W.					
Measurements Made at Pump Site					
9- 7	D. E. Olson	.....	.....	.....	0.0
VICTORIA CANAL NO. 1—D-210, D-212, A-1843					
Diverted from Victoria Creek—Sec. 1--19-21 W.					
Measurements Made at Headgate					
10- 2	D. E. Olson	.....	.....	.....	0.0
4-20	do	.....	.....	.....	.0
5- 4	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-20	do	.....	.....	.....	.0
7-27	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
9- 2	do	.....	.....	.....	.0
9-23	do	.....	.....	.....	.0
VICTORIA CANAL NO. 2—D-213, A-1845					
Diverted from Victoria Creek—Sec. 1-19-20 W.					
Measurements Made at Headgate					
4-20	D. E. Olson	.....	.....	.....	0.0
5- 4	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-20	do	3.6	1.17	.....	4.2
7-27	do	3.2	1.36	.....	4.4
8-18	do	4.0	.92	.....	3.6
9- 2	do	7.6	.45	.....	3.4
9-23	do	9.2	.29	.....	2.6
WARBONNET CANAL—D-548					
Diverted from Warbonnet Creek—Sec. 21-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	3.3	0.53	.....	1.9
10-29	do	3.8	.71	.....	2.7
4-16	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WARBONNET CANAL NO. 2—A-892					
Diverted from Warbonnet Creek—Sec. 20-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0
WARNEKE CANAL—D-505					
Diverted from Niobrara River—Sec. 27-31-57 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
5-18	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-17	do	.....	.....	.....	.0
7- 1	do	.....	.....	.....	.0
9- 4	Franklin-Rasmussen	.....	.....	.....	.0
9-27	C. E. Franklin	.....	.....	.....	.0
WEARIN CANAL—A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W.					
Measurements Made at Rating Flume					
10- 2	A. C. Hilpert	.....	.....	.....	0.0
10-20	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-25	do	.....	.....	.....	.0
6- 9	Hilpert-Hanna	.....	.....	.....	.0
6-24	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
9-10	Franklin-Hanna	.....	.....	.....	.0
WELLS PUMP—A-2455					
Diverted from North Loup River—Sec. 20-21-18 W.					
Measurements Made at Pump Site					
9-22	D. E. Olson	.....	.....	.....	0.0
WERTZ CANAL—A-600					
Diverted from Lodgepole Creek—Sec. 12-13-46 W.					
Measurements Made at Headgate					
9-13	C. E. Franklin	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WESTERN CANAL—A-393, A-1804					
Diverted from South Platte River—Sec. 14-12-43 W.					
Measurements Made at Headgate					
11-20	A. C. Hilpert	.....	.....	.....	3.0
12- 4	do	.....	.....	.....	.0
12-17	do	6.6	1.36	0.18	9.0
1-28	do	.....	.....	.....	.0
3-31	do	11.8	1.62	.....	19.2
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 34-32-52 W.					
Measurements Made at Rating Flume					
10-28	A. C. Hilpert	.....	.....	.....	0.0
12- 8	do	.....	.....	.....	.0
12-31	do	.....	.....	.....	.0
1-15	do	.....	.....	.....	.0
2-23	do	.....	.....	.....	.0
3-26	do	.....	.....	.....	.0
4-15	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0
7-14	do	.....	.....	.....	.0
WICKERSHAM CANAL—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
4-16	do	.....	.....	.....	.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-30	do	0.8	0.75	.....	.6
WICKERSHAM SUPPLY CANAL—A-2182					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	.....	.....	.....	.0
4-16	do	1.1	0.65	.....	.8
6- 1	do	.7	1.08	.....	.3
6-16	do	.8	.88	.....	.7
6-30	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WIEGAND CANAL—A-563					
Diverted from Lodgepole Creek—Sec. 17-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	4.4	1.64	.....	7.2
5-26	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	3.8	.73	.....	2.8
9-13	C. E. Franklin	.....	.....	.....	.0
WIEGAND CANAL NO. 2—A-1323					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	1.2	0.50	.....	.6
1-29	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
WIEGAND CANAL NO. 3—A-1322					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
WILDS CANAL, NORTH—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.1
10-21	do	.....	.....	.....	.0
12- 4	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Concluded
Water Year Ending September 30, 1943

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WILDS CANAL, SOUTH—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	1.2	1.52	.....	1.9
10-21	do	.5	1.00	.....	.5
12- 4	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-11	do	.....	.....	.....	.0
6-25	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	.....	.....	.....	.0
WINTERS CREEK LATERAL—D-952					
Diverted from Scottsbluff Drain No. 1—Sec. 25-22-55 W.					
Measurements Made in Lateral below Point of Diversion					
5-12	J. P. Hansen	3.6	0.32	.....	1:1
WOLFE CANAL—D-813					
Diverted from Lodgepole Creek—Sec. 18-13-45 W.					
Measurements Made at Headgate					
10- 3	A. C. Hilpert	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
5- 7	do	.....	.....	.....	.0
5-26	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
9-13	C. E. Franklin	2.2	0.82	.....	1.8
ZERBST CANAL—A-2003					
Diverted from Little Red Creek—Sec. 34-33-56 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	0.2	0.50	.....	0.1
10-29	do	.3	.66	.....	.2
2-27	Hilpert-Rasmussen	.3	.86	.....	.2
4-16	A. C. Hilpert	.3	.61	.....	.2
5-12	do	.3	.50	.....	.2
6-16	do	.3	.78	.....	.2
6-30	do	.2	1.25	.....	.3
9- 4	Franklin-Rasmussen	.4	.50	.....	.2
ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek—Sec. 34-33-55 W.					
Measurements Made at Headgate					
10- 9	A. C. Hilpert	.....	.....	.....	0.0
10-28	do	2.3	0.87	.....	2.0
6- 1	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS

Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ABERDEEN CANAL—D-50a, D-50b, A-1117					
Diverted from the Frenchman River—Sec. 3-5-38 W.					
Measurements Made at Headgate					
8- 4	M. V. Adkisson	.....	.....	.....	0.0
8-21	Adkisson-Redford	.....	.....	.....	.0
9- 5	M. V. Adkisson	.....	.....	.....	.0
ADAMS CANAL—D-371					
Diverted from Lodgepole Creek—Sec. 3-14-52 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
ALLEN-LARNED CANAL—D-117					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
Measurements Made at Headgate					
10-13	D. B. Ender	3.4	0.63	.....	2.2
8- 2	M. V. Adkisson	2.0	.93	.....	1.8
8-15	do	7.6	.94	.....	7.1
ALMERIA CANAL—A-2469, A-2868, A-2869					
Diverted from North Loup River—Sec. 10-22-20 W.					
Measurements Made 0.6 Mile below Spillway					
10-12	D. E. Olson	.....	.....	.....	0.0
ANDERSON CANAL—D-373					
Diverted from Lodgepole Creek—Sec. 8-14-51 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.1

REPORT OF THE STATE ENGINEER

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
ANDREWS SUPPLY CANAL—A-2530					
Diverted from Sow Belly Creek—Sec. 5-32-55 W.					
Measurements Made at Headgate					
10-14	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.9
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.9
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0
ASH CREEK, WEST, CANAL—A-434, D-452					
Diverted from West Ash Creek—Sec. 36-32-51 W.					
Measurements Made at Headgate					
7-21	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
ATKINS-POLLY CANAL—D-342, D-344					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10- 3	C. E. Franklin	2.6	0.43	0.26	1.1
10-21	do	6.2	.50	.40	3.1
11-17	do	.....	.....	.....	.0
BAR 99 CANAL—A-2898					
Diverted from Bear Creek—Sec. 16-34-37 W.					
Measurements Made at Headgate					
10-11	C. E. Franklin	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
11-24	do	0.1	0.70	.....	.7
12-13	do	2.4	.50	.....	1.2
1- 4	do	.....	.....	.....	.0
2- 8	do	.....	.....	.....	.0
4-29	do	.....	.....	.....	.0
5-27	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-18	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-23	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BAR 99 CANAL, NORTH—A-3321					
Diverted from Bear Creek—Sec. 16-34-37 W.					
Measurements Made at Headgate					
10-11	C. E. Franklin	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
11-24	do	.....	.....	.....	.0
1- 4	do	.....	.....	.....	.0
4-29	do	.....	.....	.....	.0
5-27	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-18	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-23	do	.....	.....	.....	.0
BAR 99 CANAL, SOUTH—A-3321					
Diverted from Bear Creek—Sec. 16-34-37 W.					
Measurements Made at Headgate					
10-11	C. E. Franklin	.....	.....	.....	0.0
10-29	do	.....	.....	.....	.0
11-24	do	.....	.....	.....	.0
1- 4	do	.....	.....	.....	.0
4-29	do	.....	.....	.....	.0
5-27	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-18	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-23	do	.....	.....	.....	.0
BARBER CANAL—D-754, A-1111					
Diverted from Clear Creek—Sec. 29-16-41 W.					
Measurements Made at Headgate					
10- 6	E. S. Kimmel	6.9	0.63	1.10	4.3
10-20	A. C. Hilpert	7.5	.49	1.32	3.7
11- 3	E. S. Kimmel	3.1	.32	.66	1.0
11-17	A. C. Hilpert	3.6	.86	.80	3.1
12- 1	do	.....	.....	.....	.0
12-15	do	4.2	.62	.98	2.6
1- 4	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-28	do	4.0	1.23	.84	5.1
7-13	do	.....	.....	.....	.1
9-15	Hansen-Tefft	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

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- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

BARRON CANAL, EAST—A-2024					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made at Headgate					
7- 6	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

BARRON CANAL, WEST—D-438R					
Diverted from East Ash Creek—Sec. 32-32-50 W.					
Measurements Made near Headgate					
7- 6	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

BAUERSACHS CANAL—D-492					
Diverted from Hooker Creek—Sec. 7-31-51 W.					
Measurements Made at Headgate					
6- 5	C. E. Franklin	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944.

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- 4	E. S. Kimmel	11.6	0.90	1.07	10.5
10-16	A. C. Hilpert	.....	.....	.04	.7
10-26	do	1.5	1.00	.16	1.5
11-13	do	1.6	1.25	.25	2.0
BEISER CANAL—A-1056					
Diverted from Niobrara River—Sec. 4-29-56 W.					
Measurements Made at Headgate					
6- 8	C. E. Franklin	.....	.....	.....	0.0
7-10	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0
BELMONT FEEDER CANAL—A-1397					
Diverted from Cedar Creek—Sec. 23-18-48 W.					
Measurements Made at Rating Flume					
10- 4	E. S. Kimmel	.....	.....	.....	0.0
BENNETT CANAL—A-1249					
Diverted from Niobrara River—Sec. 1-28-54 W.					
Measurements Made at Headgate					
11-27	C. E. Franklin	.....	.....	.....	0.0
5-11	do	.....	.....	.....	.0
6 -3	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
BENNETT CANAL—A-691, A-1975					
Diverted from Lodgepole Creek and Bennett Reservoir—Sec. 22-15-55 W.					
Measurements Made at Headgate					
5-15	C. E. Franklin	2.6	1.60	.....	4.2
6-13	Franklin-Hanna	1.0	.50	.....	.5
7-28	do	.....	.....	.....	.0
8-16	C. E. Franklin	1.4	.86	.....	1.2
8-30	do	2.3	.83	.....	1.9
9-18	do	2.9	.45	.....	1.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BICKEL CANAL—D-347, A-719, A-724					
Diverted from Lodgepole Creek—Sec. 30-15-55 W.					
Measurements Made at Rating Flume					
10- 3	C. E. Franklin	1.9	0.47	0.45	0.9
10-21	do	1.5	.53	.50	.8
11-17	do	.....	.....	.....	.0
BIGELOW-SEYMOUR CANAL—D-510					
Diverted from Niobrara River—Sec. 19-31-57 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	.....	.....	.....	0.0
11-12	Franklin-Rasmussen	.....	.....	.....	.0
11-29	C. E. Franklin	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0
BIRDWOOD CANAL—D-646					
Diverted from Birdwood Creek—Sec. 35-15-33 W.					
Measurements Made at Rating Flume					
10- 8	E. S. Kimmel	8.3	1.56	1.27	12.9
10-15	A. C. Hilpert	4.8	.79	.....	3.8
10-22	do	7.2	.90	1.05	6.6
10-29	do	7.6	1.08	1.10	8.2
11- 5	E. S. Kimmel	11.4	1.23	1.38	14.0
11-12	A. C. Hilpert	6.2	.98	1.04	6.1
11-19	do	7.8	.94	1.10	7.3
11-26	do	8.8	1.12	1.19	9.9
12- 2	do	.....	.....	.....	.0
BLUHM CANAL—A-1811					
Diverted from Lodgepole Creek—Sec. 36-14-48 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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BOELUS POWER CANAL—A-1373

Diverted from Middle Loup River—Sec. 30-13-12 W.

Measurements Made at Headrace Flume

10-22	D. E. Olson	.....	.....	.....	0
11- 1	do	274	2.89	.....	793
11- 8	do	.....	.....	.....	0
12- 1	do	269	2.67	.....	717
3-24	do	.....	.....	.....	0
4- 6	do	.....	.....	.....	0

BOOTH CANAL, NORTH—D-309, D-310

Diverted from Lodgepole Creek—Sec. 29-14-47 W.

Measurements Made at Rating Flume

10- 5	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	4.3	0.14	.....	.6
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

BOOTH CANAL, SOUTH—D-309, D-310

Diverted from Lodgepole Creek—Sec. 29-14-47 W.

Measurements Made at Rating Flume

10- 5	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-18	do	2.2	0.15	0.65	.3
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.1
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
BORDWELL CANAL—D-302					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

BORDWELL CANAL—A-303					
Diverted from Lodgepole Creek—Sec. 35-14-49 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	0.8	0.75	.....	0.6
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

BORQUIST CANAL, SOUTH—D-300					
Diverted from Lodgepole Creek—Sec. 34-14-49 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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BORQUIST CANAL, NORTH—D-301

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

Measurements Made at Headgate

10- 4	C. E. Franklin	.....	.....	.....	.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

BOURETT CANAL—A-546

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

Measurements Made at Headgate

11-14	C. E. Franklin	.....	.....	.....	0.0
11-29	do	.....	.....	.....	.0

BRADY CANAL—D-352

Diverted from Lodgepole Creek—Sec. 28-15-54 W.

Measurements Made at Headgate

5-15	C. E. Franklin	0.0
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BULLOCK CANAL—D-296

Diverted from Lodgepole Creek—Sec. 3-13-46 W.

Measurements Made at Headgate

10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	2.4	0.67	.....	1.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

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					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

BUSHNELL CANAL—A-504					
Diverted from Lodgepole Creek—Sec. 2-14-58 W.					
Measurements Made at Headgate					
10- 2	C. E. Franklin	.....	.....	.....	0.0
10-22	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-13	Franklin-Hanna	.....	.....	.....	.0
7-12	do	9.2	0.18	.....	1.7
7-28	do	7.8	.55	.....	2.7
8-17	C. E. Franklin	.....	.....	.....	.0
8-29	do	4.1	.15	.....	.6
9-17	Franklin-Hanna	6.8	.24	.....	1.6

CALADONIA CANAL—A-1681, A-1683					
Diverted from Jim Creek and Caladonia Reservoir, A-1680—					
Sec. 13-33-57 W.					
Measurements Made at Headgate					

10-18	C. E. Franklin	.....	.....	.....	0.0
11- 5	do	0.5	0.60	.....	.3
11-12	Franklin-Rasmussen	.....	.....	.....	.0
1-23	C. E. Franklin	.....	.....	.....	.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.2	.20	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CARTWRIGHT PUMP—A-3117					
Diverted from Ash Creek—Sec. 7-32-50 W.					
Measurements Made at Pump Site					
9-11	C. E. Franklin	.....	.....	.....	0.0
9-27	do	.....	.....	.....	.0
CHAMPION CANAL—D-47, A-1108					
Diverted from Frenchman River—Sec. 23-6-40 W.					
Measurements Made at Headgate					
7-22	M. V. Adkisson	.....	.....	.....	0.0
8- 8	do	25.3	0.49	2.90	12.3
CHASE COUNTY LAND AND LIVESTOCK CANAL # 1, A-57					
Diverted from Stinking Water Creek—Sec. 4-7-38 W.					
Measurements Made at Headgate					
8- 3	M. V. Adkisson	.....	.....	.....	0.0
8- 3	do	.....	.....	.....	.0
CHASE COUNTY LAND AND LIVESTOCK CANAL # 3, D-78					
Diverted from Stinking Water Creek—Sec. 14-7-38 W.					
Measurements Made at Headgate					
8- 3	M. V. Adkisson	.....	.....	.....	0.0
CHASE COUNTY LAND AND LIVESTOCK CANAL # 4, A-56					
Diverted from Stinking Water Creek—Sec. 14-7-38 W.					
Measurements Made at Headgate					
8- 3	M. V. Adkisson	.....	.....	.....	0.0
CHASE COUNTY LAND AND LIVESTOCK CANAL # 5, D-77					
Diverted from Stinking Water Creek—Sec. 14-7-38 W.					
Measurements Made at Headgate					
8- 3	M. V. Adkisson	.....	.....	.....	0.0
CHASE COUNTY LAND AND LIVESTOCK CANAL # 6, D-76					
Diverted from Stinking Water Creek—Sec. 13-7-38 W.					
Measurements Made at Headgate					
8- 3	M. V. Adkisson	.....	.....	.....	0.0
8-31	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CHRISTENSEN CANAL, NORTH—D-367					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	7.9	0.16	.....	1.3
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-14	do	3.1	.63	.....	2.1
7-13	do	2.9	.45	.....	1.3
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
CHRISTENSEN CANAL, SOUTH—D-366					
Diverted from Lodgepole Creek—Sec. 7-14-51 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	3.2	0.19	.....	0.6
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-14	do	5.8	.30	.....	1.7
7-13	do	6.8	.33	.....	2.2
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
CIRCLE ARROW CANAL—D-346					
Diverted from Lodgepole Creek—Sec. 30-15-54 W.					
Measurements Made at Headgate					
10- 3	C. E. Franklin	1.4	2.07	0.58	3.0
10-21	do	1.4	2.14	.58	3.0
11-17	do	.....	.....	.....	.0
CLEAR CREEK CANAL—D-748					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Rating Flume					
10- 6	E. S. Kimmel	.....	.....	.....	0.0
10-20	A. C. Hilpert	3.0	1.43	0.72	4.3
11-17	do	.....	.....	.....	.0
5-17	do	4.8	1.39	.80	6.7
5-24	do	.....	.....	.....	.0
6-14	do	2.3	.61	.44	1.4
6-21	do	2.9	.66	.42	1.9
6-28	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COFFEE CANAL, EAST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
10-15	C. E. Franklin	2.8	0.32	.....	0.9
6- 7	do	.....	.....	.....	.0
7- 9	do	1.6	.88	.....	1.4
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

COFFEE CANAL, WEST—D-512					
Diverted from Hat Creek—Sec. 26-33-55 W.					
Measurements Made at Headgate					
10-15	C. E. Franklin	2.6	0.31	.....	0.8
6- 7	do	1.4	1.21	.....	1.7
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

COFFEE AND SON FLOOD CANAL—A-1236					
Diverted from Hat Creek —Sec. 14-33-55 W.					
Measurements Made at Headgate					
6- 7	C. E. Franklin	.....	.....	.....	0.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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COLD WATER CANAL—D-796

Diverted from Cold Water Creek—Sec. 26-18-46 W.
Measurements Made into Lisco and North River Canal

10- 4	E. S. Kimmel	3.0	1.06	.....	3.2
10-11	A. C. Hilpert	2.6	1.40	.....	3.7
11- 1	E. S. Kimmel	3.6	1.19	.....	4.3
11- 8	A. C. Hilpert	3.0	1.13	.....	3.4
11-15	do	3.3	1.12	.....	3.7
11-29	do	2.9	1.07	.....	3.1
12-14	do	3.0	1.07	.....	3.2
1- 3	do	3.0	.90	.....	2.7
1-21	E. S. Kimmel	2.3	1.14	.....	3.2
2- 5	A. C. Hilpert	2.9	.90	.....	2.6
2-14	do	2.9	1.00	.....	2.9
2-23	do	3.4	1.00	.....	3.4
3- 6	do	3.4	.88	.....	3.0
3-20	do	3.0	.90	.....	2.7
4- 7	do	3.3	.79	.....	3.0
4-17	E. S. Kimmel	3.7	1.11	.....	4.1

COLE PROJECT DAM NO. 1—A-2254

Diverted from Bear Creek—Sec. 14-34-37 W.
Measurements Made at Headgate

10-10	C. E. Franklin	2.3	0.53	.....	1.5
10-29	do	.....	.....	.....	.0
11-24	do	.....	.....	.....	.0
12-13	do	.....	.....	.....	.0
1- 4	do	.....	.....	.....	.0
1-18	do	1.0	.10	.....	.1
2- 8	do	.....	.....	.....	.0
2-27	do	.....	.....	.....	.0
3-29	do	4.3	.27	.....	1.3
4-29	do	.....	.....	.....	.0
5-27	do	.....	.....	.....	.0
6-30	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
8- 4	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9- 7	do	.....	.....	.....	.0
9-23	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COOK CANALS, NO. 1 AND NO. 2—D-980					
Diverted from Niobrara River—Sec. 1-28-56 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	2.0	0.70	0.62	1.4
11-14	do	5.4	.74	.96	4.0
11-27	do	2.4	1.21	.79	2.9
5-12	do	1.4	1.14	.47	1.6
6- 8	do	1.1	.92	.40	1.0
7-10	do	2.8	.64	.82	1.8
7-26	do	2.6	.92	1.01	2.4
8- 8	do	2.5	.84	.82	2.1
8-28	do	1.2	1.50	.....	1.8
9-26	do	1.8	.89	.74	1.6
COOPER CANAL, EAST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
6- 2	C. E. Franklin	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
COOPER CANAL, WEST—A-42					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
7- 7	C. E. Franklin	.....	.....	.....	0.0
7-22	do	0.8	0.62	.....	.5
8- 5	do	.8	.62	.....	.5
8-26	do	.....	.....	.....	.2
9-11	do	.....	.....	.....	.1
9-28	do	.6	.67	.....	.4
COOPER SUPPLY CANAL—A-2063					
Diverted from White Clay Creek—Sec. 2-31-52 W.					
Measurements Made at Headgate					
6- 2	C. E. Franklin	0.8	0.10	.....	0.8
COURT HOUSE ROCK CANAL—A-851, D-840, D-1028					
Diverted from Pumpkinseed Creek—Sec. 30-19-50 W.					
Measurements Made at Rating Flume					
10-20	C. E. Franklin	10.0	1.55	1.15	15.5
11-15	do	10.6	1.68	1.24	17.8

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
COZAD CANAL SPILL					
Into Dawson County Canal—Sec. 6-10-22 W.					
10-25	Melvin Kleen	5.9	1.02	0.64	6.0
11- 1	do	6.3	1.02	.74	6.4
6-15	do	6.0	.93	.65	5.6
7- 7	do	11.6	1.28	1.42	21.3
7-13	do	6.7	.72	.60	4.8
7-21	do	7.2	1.00	.80	7.2
8- 7	A. C. Hilpert	7.2	1.12	.90	8.1
9- 8	Hilpert-Tefft	11.6	1.52	1.33	17.6
9-28	A. C. Hilpert	7.0	1.27	.84	8.9
CREWS CANAL—D-1025R, Petition 241					
Diverted from North Fork Republican River—Sec. 21-1-41 W.					
Measurements Made at Headgate					
10-13	D B. Ender	.....	.....	.....	0.0
8- 3	M. V. Adkisson	1.0	0.82	.....	.8
8-15	do	3.7	1.30	.....	4.9
CREWS CANALS, NO. 2 AND NO. 3—A-1709, A-1826					
Diverted from North Fork Republican River—Sec. 20-1-41 W.					
Measurements Made at Headgate					
10-13	D. B. Ender	.....	.....	.....	0.0
8- 3	M. V. Adkisson	1.7	0.92	.....	1.6
8-15	do	.....	.....	.....	.0
CRIGLER CANAL—D-861, A-486					
Diverted from Lawrence Fork—Sec. 1-18-52 W.					
Measurements Made at Headgate					
7-31	J. P. Hansen	0.5	0.54	.....	0.3
CRIPPS CANAL—A-735, A-835					
Diverted from Ash Creek—Sec. 13-32-51 W.					
Measurements Made at Headgate					
7-21	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
CRIPPS PUMP—A-2571					
Diverted from Cripps Reservoir—A-2481—Sec. 12-32-51 W.					
Measurements Made at Pump Site					
7-21	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
CROSS CANAL, WEST—A-1808					
Diverted from Willow Creek—Sec. 16-19-56 W.					
Measurements Made at Headgate					
10- 4	J. P. Hansen	1.7	0.48	.....	0.8
DAWSON COUNTY CANAL SPILL					
Into French Creek—Sec. 1-10-22 W.					
10- 5	Melvin Kleen	17.5	2.42	2.01	42.3
10-18	do	3.0	.80	.22	2.4
10-25	do	3.5	.71	.26	2.5
11- 1	do	2.7	.59	.20	1.6
5-31	do	9.0	2.03	1.10	18.3
6-15	do	8.0	1.00	.49	3.0
7- 7	do	17.0	2.45	1.71	45.0
7-21	do	10.7	1.03	.60	11.1
DAWSON COUNTY CANAL SPILL					
Into Elm Creek—Sec. 13-9-19 W.					
10- 5	Melvin Kleen	.....	.....	.....	0.0
10-11	do	.....	.....	.....	.0
10-19	do	.....	.....	.....	.0
10-25	do	.....	.....	.....	.0
5-23	do	.....	.....	.....	.0
6-15	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7-21	do	.....	.....	.....	.0
DELAWARE-HICKMAN CANAL—D-157					
Diverted from Republican River—Sec. 17-1-34 W.					
Measurements Made at Headgate					
8- 2	M. V. Adkisson	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
DICKINSON CANAL—D-967					
Diverted from Lodgepole Creek—Sec. 33-14-47 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

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- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
DODD-McDOWELL RESERVOIR SUPPLY CANAL—A-1276					
Diverted from Little Cottonwood Creek—Sec. 13-32-53 W.					
Measurements Made near Headgate					
11-11	C. E. Franklin	.....	.....	.....	0.0
5-10	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
DODD-McDOWELL CANAL—A-1571					
Diverted from Dodd-McDowell Reservoir—Sec. 17-32-53 W.					
Measurements Made at Headgate					
11-26	C. E. Franklin	.....	.....	.....	0.0
8-26	do	.....	.....	.....	.0
DOUT BROTHERS CANAL—D-981					
Diverted from Jim Creek—Sec. 7-33-56 W.					
Measurements Made below Headgate					
10-18	C. E. Franklin	.....	.....	.....	0.0
11- 5	Franklin-Rasmussen	.....	.....	.....	.0
11-10	C. E. Franklin	.....	.....	.....	.0
11-12	Franklin-Rasmussen	.....	.....	.....	.0
11-28	do	.....	.....	.....	.0
1-11	C. E. Franklin	.....	.....	.....	.0
1-23	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
DOUT CANAL NO. 1—A-2000					
Diverted from Dout Reservoir No. 1—A-1999					
Sec. 7-33-56 W.					
Measurements Made at Headgate					
10-18	C. E. Franklin	.....	.....	.....	0.0
6- 6	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	1.8	0.34	.....	.6
8-27	do	.....	.....	.....	.1
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

DOUT BROTHERS CANAL NO. 2—A-2002					
Diverted from Dout Reservoir No. 2—A-2001					
Sec. 7-33-56 W.					
Measurements Made at Headgate					
10-18	C. E. Franklin	.....	.....	.....	0.0
6- 6	do	0.4	0.75	.....	.3
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

DUNN CANAL—A-649					
Diverted from Little Cottonwood Creek—Sec. 9-32-52 W.					
Measurements Made near Headgate					
11-11	C. E. Franklin	.....	.....	.....	0.0
11-26	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
EARNEST CANAL NO. 1—D-514a					
Diverted from Niobrara River—Sec. 9-29-56 W. Measurements Made near Headgate					
10-19	C. E. Franklin	6.3	1.10	1.50	6.9
11-14	do	7.2	1.19	.....	8.6
11-27	do	.....	.....	.....	.0
1- 9	do	.....	.....	.....	.0
1-22	do	.....	.....	.....	.0
5-12	do	9.1	1.14	.....	10.4
6- 8	do	7.8	.33	.....	2.6
7-10	do	.....	.....	.....	.0
7-26	do	7.7	1.21	.....	9.3
8-28	do	.....	.....	.....	.0
9-26	do	4.4	.93	.....	4.1

EARNEST CANAL NO. 2—D-514b					
Diverted from Niobrara River—Sec. 9-29-56 W. Measurements Made at Headgate					
10-19	C. E. Franklin	.....	.....	.....	0.1
11-14	do	.....	.....	.....	.0
11-27	do	6.3	1.02	1.55	6.4
1- 9	do	.....	.....	.....	.0
5-12	do	7.1	1.42	.....	10.1
6- 8	do	4.0	1.20	.....	4.8
7-10	do	3.4	.91	.....	3.1
7-26	do	.....	.....	.....	.0
8-28	do	6.1	.97	.....	5.9
9-26	do	.....	.....	.....	.0

ENTERPRISE CANAL—D-920					
Diverted from Morrill Drain—Sec. 13-23-57 W. Measurements Made above Intersection with Enterprise Canal					
10-21	J. P. Hansen	4.4	0.61	.....	2.7
12- 1	do	3.2	.40	.....	1.3
12-29	do	3.0	.27	.....	.8
1-18	do	.....	.....	.....	.5
2- 3	do	.....	.....	.....	.5
3- 2	do	2.2	.32	.....	.7
3-24	do	1.9	.26	.....	.5
4-19	do	1.9	.26	.....	.5
5- 3	do	.....	.....	.....	.5
5- 9	do	1.6	.12	.....	.2
6-22	do	3.6	.28	.....	1.0
6-29	do	3.7	.80	.....	1.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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ENTERPRISE CANAL—D-920

Diverted from Stewart Drain—Sec. 13-23-57 W.

Measurements Made above Intersection with Enterprise Canal

10-22	J. P. Hansen	1.0	0.60	.....	0.6
12- 1	do	.....	.....	.....	.2
12-29	do	1.1	.73	.....	.8
1-18	do	.8	1.00	.....	.8
2- 3	do	.....	.....	.....	.0
3- 2	do	.....	.....	.....	.0
3-24	do	1.4	.64	.....	.9
4-19	do	.5	.40	.....	.2
5- 3	do	.....	.....	.....	.0
5- 9	do	.....	.....	.....	.0
5-12	do	.6	.82	.....	.5
6-22	do	.....	.....	.....	.0
6-29	do	.....	.....	.....	.0

ENTERPRISE CANAL—D-920

Diverted from Wet Spotted Tail Creek—Sec. 22-23-56 W.

Measurements Made above Intersection with Enterprise Canal

7- 5	J. P. Hansen	7.8	1.10	.....	8.6
8- 9	do	7.5	1.61	.....	12.1
8-21	do	5.2	1.77	.....	9.2

ENTERPRISE CANAL—D-920 (O. D. A-2409)

Diverted from Winters Creek—Sec. 8-22-54 W.

Measurements Made at Rating Flume

6-20	J. P. Hansen	2.1	0.28	1.27	0.6
7-13	do	3.6	1.28	1.88	4.6
9-23	do	3.8	1.08	2.44	4.1

ENTERPRISE CANAL, NORTH—D-461

Diverted from Niobrara River—Sec. 27-29-50 W.

Measurements Made at Headgate

11-27	C. E. Franklin	0.0
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ENTERPRISE CANAL, SOUTH—D-461

Diverted from Niobrara River—Sec. 27-29-50 W.

Measurements Made at Headgate

11-27	C. E. Franklin	0.0
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

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					
11- 8	C. E. Franklin	.....	.....	.....	0.0
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	6.0	0.70	.....	4.2
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

FARMERS CANAL—D-10					
Diverted from Frenchman River—Sec. 11-3-32 W.					
Measurements Made at Headgate					
8- 4	M. V. Adkisson	.....	.....	.....	0.0
9-27	Adkisson-Lambert	.....	.....	.....	.0

FOLLETT-KROTTER CANAL—A-705, A-720, A-975, A-2294, A-2805					
Diverted from Frenchman River—Sec. 35-5-34 W.					
Measurements Made at Rating Flume					
8- 9	M. V. Adkisson	11.4	0.92	.....	10.5

FURMAN CANAL, NORTH—D-462					
Diverted from Niobrara River—Sec. 29-29-50 W.					
Measurements Made at Headgate					
10-13	Franklin-Rasmussen	10.4	1.24	.....	12.0
11- 8	C. E. Franklin	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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FURMAN CANAL, SOUTH—D-462

Diverted from Niobrara River—Sec. 29-29-50 W.

Measurements Made at Headgate

10-13	Franklin-Rasmussen	9.8	1.05	.....	10.3
11- 8	C. E. Franklin	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

GALLUP CANAL—D-426

Diverted from Chadron Creek—Sec. 15-33-49 W.

Measurements Made at Headgate

8-26	C. E. Franklin	.....	.....	.....	0.0
9-10	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

GOTHENBURG TAIL SPILL

Into Buffalo Creek—Sec. 8-11-22 W.

10- 5	Melvin Kleen	5.8	0.90	0.35	5.2
10-18	do	8.1	1.33	.50	10.8
10-25	do	.....	.....	.....	.0
11- 1	do	.....	.....	.01	.0
6-15	do	5.8	.98	.33	5.7
7- 7	do	7.0	1.23	.48	8.6
7-21	do	8.6	1.56	.64	13.4

GRIMMS PUMP—A-2542

Diverted from Frenchman River—Sec. 15-5-35 W.

Measurements Made at Pump Site

8-18	M. V. Adkisson	0.0
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DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
GUNDERSON CANAL—D-305					
Diverted from Lodgepole Creek—Sec. 1-14-52 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
HAIGLER CANAL—D-1025					
Diverted from Republican River—Sec. 2-1-43 W.					
Measurements Made at Headgate					
10-13	D. B. Ender	19.5	1.90	.....	37.0
8- 3	M. V. Adkisson	30.0	1.54	.....	46.2
8-15	do	25.2	1.82	.....	45.8
9-13	do	19.3	1.76	.....	33.9
HALL CANAL—D-478c					
Diverted from White River—Sec. 34-32-52 W.					
Measurements Made at Headgate					
11- 6	C. E. Franklin	.....	.....	.....	0.0
11-26	do	.....	.....	.....	.0
5- 6	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
6- 6	do	9.5	0.48	.....	4.6
7- 5	do	14.3	.48	.....	6.9
7-22	do	11.0	.86	.....	9.5
8- 6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
HANNAH CANAL—D-886					
Diverted from North Platte River—Sec. 24-18-47 W.					
Measurements Made at Headgate					
9-13	Hansen-Tefft	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HARPER CANAL—A-2316					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
6-21	A. C. Hilpert	.....	.....	.....	0.0
6-28	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
HARRIS-COOPER CANAL—D-464a; D-464b					
Diverted from White River—Sec. 26-32-52 W.					
Measurements Made at Headgate					
8- 5	C. E. Franklin	.....	.....	.....	0.0
HARRIS-NEECE CANAL—D-517, A-2275					
Diverted from Niobrara River—Sec. 3-28-55 W.					
Measurements Made at Headgate					
10-13	Franklin-Rasmussen	9.1	1.54	1.57	14.0
11-27	C. E. Franklin	1.8	.29	.64	.5
5-11	do	.....	.....	.....	.0
6- 3	do	7.0	1.26	1.20	8.8
7- 8	do	10.8	.61	1.84	6.6
7-23	do	9.6	.67	.76	6.4
8- 8	do	8.6	1.00	1.57	8.6
8-28	do	8.7	1.01	1.49	8.8
9-15	do	3.8	.24	.52	.9
9-26	do	.....	.....	.....	.0
HARTZELL CANAL—D-448					
Diverted from Little Bordeaux Creek—Sec. 13-33-48 W.					
Measurements Made at Headgate					
10- 8	C. E. Franklin	.....	.....	.....	0.0
8- 4	do	.....	.....	.....	.0
8-21	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0
HAT CREEK CANAL, WEST—D-553a					
Diverted from Hat Creek—Sec. 16-32-55 W.					
Measurements Made below Headgate					
10-15	C. E. Franklin	.....	.....	.....	0.0
HIGH LINE CANAL—A-1682					
Diverted from Jim Creek—Sec. 13-33-57 W.					
Measurements Made at Headgate					
10-18	C. E. Franklin	0.2	1.50	.....	0.3
11- 5	Franklin-Rasmussen	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued

Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HILL CANAL—A-886					
Diverted from West Boggy Creek—Sec. 11-32-55 W. Measurements Made at Headgate					
10-15	C. E. Franklin	0.3	0.67	.....	0.2
HITSHEW CANAL—A-2509, A-1260					
Diverted from Niobrara River—Sec. 6-28-52 W. Measurements Made at Headgate					
11- 8	C. E. Franklin	.....	.....	.....	0.0
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	4.2	1.26	.....	5.3
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
HOFFMEISTER RESERVOIR CANAL—A-2575					
Diverted from Hoffmeister Reservoir—A-2570—Sec. 30-6-38 W. Measurements Made at Pump Site					
8- 9	M. V. Adkisson	.....	.....	.....	0.0
HOLCOMBE CANAL, EAST—D-636					
Diverted from Pawnee Creek—Sec. 13-13-28 W. Measurements Made at Rating Flume					
10-14	Melvin Kleen	.....	.....	0.04	0.1
10-22	do	.....	.....	.....	.0
10-29	do	.....	.....	.....	.0
11- 5	do	.....	.....	.....	.0
3-20	do	.....	.....	.....	.0
4- 3	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7-11	do	1.0	0.40	.15	.4
7-19	do	2.1	.43	.43	.9
HOLLINGSWORTH CANAL—D-723					
Diverted from South Platte River—Sec. 7-13-38 W. Measurements Made at Rating Station					
6-29	A. C. Hilpert	6.9	0.92	.....	6.4
7- 7	do	4.3	1.30	0.60	4.6
7-15	do	6.5	1.04	.83	6.8
8-10	do	6.9	1.14	.86	7.9
8-29	do	9.5	1.06	1.29	10.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HOOVER CANAL—D-353					
Diverted from Lodgepole Creek—Sec. 12-14-59 W.					
Measurements Made at Headgate					
10- 2	C. E. Franklin	.....	.....	.....	0.0
10-22	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-12	Franklin-Hanna	3.2	1.00	.....	3.2
7-12	do	3.4	1.42	.....	4.8
7-28	do	.....	.....	.....	.0
8-17	C. E. Franklin	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9-17	Franklin-Hanna	.....	.....	.....	.0

HORSE CREEK CANAL—D-173, D-159

Diverted from Horse Creek—Sec. 23-1-39 W.

Measurements Made at Headgate

8- 2	M. V. Adkisson	0.0
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HOWARD CANAL—D-336, A-1645

Diverted from Lodgepole Creek—Sec. 31-14-47 W.

Measurements Made at Headgate

10- 5	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

HUGHES CANAL—D-987a, D-987b

Diverted from Niobrara River—Sec. 1-28-52 W.

Measurements Made at Headgate

11- 8	C. E. Franklin	.....	.....	.....	0.0
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	4.4	0.45	.....	2.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-23	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
HURLEY-LILLY-POLLY CANAL—D-354					
Diverted from Lodgepole Creek—Sec. 26-15-56 W.					
Measurements Made at Rating Flume					
10- 3	C. E. Franklin	3.2	0.88	0.53	2.8
10-22	do	2.5	.93	.60	2.6
11-17	do	.....	.....	.....	.0
INDEPENDENT CANAL—D-343					
Diverted from Lodgepole Creek—Sec. 7-14-58 W.					
Measurements Made at Headgate					
10- 2	C. E. Franklin	.....	.....	.....	0.0
10-22	do	0.4	0.50	.....	.2
11-17	do	.3	.43	.....	.1
5-15	do	1.2	.50	.....	.6
6-13	do	3.8	1.30	.....	4.9
7-12	Franklin-Hanna	5.0	.98	.....	4.9
7-28	do	.....	.....	.....	.0
8-17	C. E. Franklin	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9-17	Franklin-Hanna	.....	.....	.....	.0
INMAN CANAL—D-79, A-436					
Diverted from Frenchman River—Sec. 17-6-40 W.					
Measurements Made at Rating Flume					
8- 8	M. V. Adkisson	.....	.....	.....	0.0
JENKINS CANAL—A-924					
Diverted from Buffalo Creek—Sec. 18-1-40 W.					
Measurements Made at Headgate					
10-13	D. B. Ender	.....	.....	.....	0.0
8- 2	M. V. Adkisson	.....	.....	.....	.0
8-15	do	2.9	0.53	.....	1.5
JIM CREEK CANAL—D-502					
Diverted from Jim Creek—Sec. 8-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
JOHNSON CANAL—D-511					
Diverted from Niobrara River—Sec. 36-31-57 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	3.2	2.16	.....	6.9
11-14	do	3.9	2.46	.....	9.6
11-29	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
7-26	do	2.8	.89	.....	2.5
9-30	do	5.4	1.20	.....	6.5
JOHNSON CANAL—A-612					
Diverted from Lodgepole Creek—Sec. 23-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-21	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-19	do	3.0	0.70	.....	2.1
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
JONES CANAL—A-3392					
Diverted from Lodgepole Creek—Sec. 36-14-49 W.					
Measurements Made below Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
1-25	do	2.5	1.12	.....	2.8
2-18	do	.....	.....	.....	.0
3-14	do	.....	.....	.....	.2
4- 6	do	.4	.50	.....	.2
4-20	do	.....	.....	.....	.2
5-16	do	.....	.....	.....	.1
6-14	do	.....	.....	.....	.1
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
JORDAN CANAL—A-2032					
Diverted from Monroe Creek—Sec. 22-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0
JORDAN CANAL—A-841					
Diverted from Monroe Creek and Jordan Reservoir—A-841					
Sec. 13-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0
KARA LAKE CANAL—A-2480					
Diverted from Kara Reservoir—A-2246—Sec. 20-1-39 W.					
Measurements Made at Headgate					
8- 2	M. V. Adkisson	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
KEITH-LINCOLN COUNTY CANAL—D-722					
Diverted from North Platte River—Sec. 18-14-36 W.					
Measurements Made at Rating Flume					
10- 8	E. S. Kimmel	9.2	1.76	0.64	16.2
10-15	A. C. Hilpert	6.0	4.16	.82	25.0
10-21	do	4.5	2.82	.62	12.7
10-29	do	.....	.....	.....	.0
6-22	do	3.0	1.60	.40	4.8
6-30	do	.....	.....	.....	.0
7- 6	do	.....	.....	.19	.5
7-14	do	.....	.....	.....	.0
8- 9	do	.....	.....	.....	.0
8-29	do	1.8	.83	.32	1.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
KELSO CANAL—A-2151, A-2279, A-2328, A-2456					
Diverted from Big Bordeaux Creek—Sec. 14-33-48 W.					
Measurements Made at Pump Site					
8- 4	C. E. Franklin	.....	.....	.....	0.0
8-21	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-22	do	1.8	0.72	.....	1.3
KENT-BURKE CANAL, WEST—A-1694					
Diverted from Pawnee Creek—Sec. 18-13-27 W.					
Measurements Made at Rating Flume					
10-14	Melvin Kleen	1.3	0.62	0.39	0.8
10-22	do	.....	.....	.01	.0
10-29	do	.8	.37	.14	.3
11- 5	do	.....	.....	.....	.0
3-20	do	.....	.....	.....	.0
4- 3	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
6-26	do	.....	.....	.....	.0
7-11	do	.....	.....	.....	.0
7-19	do	.....	.....	.....	.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					
6-22	A. C. Hilpert	.....	.....	.....	0.0
8-10	do	.....	.....	.....	.0
KILPATRICK RESERVOIR CANAL—A-1160					
Diverted from Kilpatrick Reservoir—Sec. 30-6-39 W.					
Measurements Made near Reservoir Outlet—Sec. 30-6-39 W.					
8- 8	M. V. Adkisson	6.9	1.66	.....	11.5
KINNEY CANAL, SOUTH, NO. 1—D-345, D-350, A-781R, A-1828					
Diverted from Lodgepole Creek—Sec. 31-15-56 W.					
Measurements Made at Headgate					
10- 3	C. E. Franklin	2.3	1.17	0.66	2.7
10-22	do	2.8	.86	.61	2.4
11-17	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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KINNEY CANAL, NORTH, NO. 2—D-348, A-718

Diverted from Lodgepole Creek—Sec. 33-15-56 W.

Measurements Made at Headgate

10- 3	C. E. Franklin	.....	.....	.....	0.0
10-22	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0

KITE CANAL—A-1375, A1469, A-1470

Diverted from Monrce Creek and Jordan Reservoir—

A-1399—Sec. 13-33-56 W.

Measurements Made at Headgate

10-16	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

KRUEGER CANAL NO. 1—D-325

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

Measurements Made at Headgate

10- 5	C. E. Franklin	.....	.....	.....	0.1
10-23	do	2.4	0.25	.....	.6
11-18	do	4.3	.68	.....	2.9
12- 2	do	4.9	.81	.....	4.0
12-21	do	1.2	.67	.....	.3
1-14	do	2.5	.50	.....	.5
1-25	do	4.6	.91	.....	.4
2-18	do	.....	.....	.....	.3
4- 6	do	.....	.....	.....	1.3
4-20	do	1.2	.50	.....	.6
5-16	do	.6	.50	.....	.3
6-14	do	4.0	.88	.....	3.5
7-13	do	1.5	.70	.....	1.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft..
KRUEGER CANAL NO. 2—D-324					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
11-18	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

KRUEGER CANAL NO. 3—D-323					
Diverted from Lodgepole Creek—Sec. 32-14-48 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	3.7	0.32	.....	1.2
10-23	do	2.0	.65	.....	1.3
11-18	do	.....	.....	.....	.0
3-14	do	2.4	.12	.....	.3
5-16	do	1.4	.71	.....	1.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-18	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

LaBELLE CANAL—D-518, A-60					
Diverted from Niobrara River—Sec. 6-28-54 W.					
Measurements Made at Headgate					
10-13	C. E. Franklin	.....	.....	.....	0.0
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	3.8	2.16	1.00	8.2
7- 8	do	9.7	.86	.....	8.3
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LAKOTAH CANAL—D-554					
Diverted from Niobrara River—Sec. 1-30-57 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	1.6	0.06	.....	0.1
11-14	do	.....	.....	.....	.3
11-29	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 8	do	7.8	1.15	.....	9.0
7-10	do	7.6	.72	.....	5.5
7-26	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0
LIBBY CANAL—D-315					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
Measurements Made at Headgate					
11- 5	C. E. Franklin	1.1	0.73	.....	0.8
10-14	do	3.6	.61	.....	2.2
LIBBY CANAL—D-312					
Diverted from Lodgepole Creek—Sec. 36-14-47 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
11-18	do	.....	.....	.....	.0
4- 6	do	1.9	1.37	.....	2.6
5-17	do	2.4	2.76	.....	6.4
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
LICHTE CANAL—D-479, A-1086, A-1088, A-1152, A-2523					
Diverted from Niobrara River—Sec. 27-29-48 W.					
Measurements Made at Headgate					
8-21	C. E. Franklin	.....	.....	.....	0.0
9- 5	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0
LOGAN CANAL—D-902					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
Measurements Made at Headgate					
11- 8	J. P. Hansen	1.5	1.07	.....	1.6
12-15	do	2.5	1.07	.....	2.7

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
LYNGHOLM CANAL—D-337					
Diverted from Lodgepole Creek—Sec. 14-14-51 W.					
Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

McAULIFFE CANAL—D-814					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

McAULIFFE CANAL—A-1559					
Diverted from Lodgepole Creek—Sec. 21-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McCARTHY CANAL—D-749					
Diverted from White Tail Creek—Sec. 36-15-38 W.					
Measurements Made at Headgate					
6-22	A. C. Hilpert	1.7	0.53	1.02	0.9
6-29	do	2.4	.42	1.09	1.0
7-15	do	.....	.....	.....	.0
7-27	do	.....	.....	.....	.3
8-10	do	.....	.....	.....	1.0
8-17	do	.....	.....	.....	.5
8-28	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.2
McDONALD CANAL—A-644					
Diverted from Republican River—Sec. 36-1-38 W.					
Measurements Made at Headgate					
8- 2	M. V. Adkisson	.....	.....	.....	0.0
8-15	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
McDOWELL STORAGE SYSTEM—A-772					
Diverted from English Creek—Sec. 12-31-52 W.					
Measurements Made at Headgate					
7-22	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
McFARLAND CANAL—D-960					
Diverted from White Clay Creek—Sec. 35-32-52 W.					
Measurements Made at 2-foot Weir					
11- 9	C. E. Franklin	1.2	1.00	.....	1.2
11-26	do	1.5	1.27	.....	1.9
5- 6	do	.....	.....	.....	.0
6- 5	do	1.0	1.50	.....	1.5
7- 6	do	.8	.75	.....	.6
7-24	do	1.5	.80	.....	1.2
8- 5	do	1.5	1.46	.....	2.2
8-26	do	1.6	.81	.....	1.3
9-12	do	1.5	.87	.....	1.3
9-28	do	1.3	1.00	.....	1.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McGINLEY-STOVER CANAL, UPPER—D-521					
Diverted from Niobrara River—Sec. 23-29-56 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	.....	.....	.....	0.0
5-12	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
McGINLEY-STOVER CANAL, NORTH—D-513a					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	.....	.....	.....	0.1
11-14	do	.....	.....	.....	.0
11-27	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 8	do	6.4	1.01	.....	6.5
7-10	do	7.1	.58	.....	4.1
7-26	do	6.4	.45	.....	2.9
8- 8	do	6.8	.52	.....	3.5
8-28	do	5.1	.22	.....	1.1
9-26	do	1.1	.82	.....	.9
McGINLEY-STOVER CANAL, SOUTH—D-513b					
Diverted from Niobrara River—Sec. 25-29-56 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	8.1	0.94	.....	7.6
11-14	do	.....	.....	.....	.0
11-27	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
8- 8	do	2.6	1.04	.....	2.7
8-28	do	7.3	.79	.....	5.8
9-26	do	7.2	.83	.....	6.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
McINTOSH CANAL—D-351, A-734					
Diverted from Lodgepole Creek—Sec. 23-15-55 W.					
Measurements Made at Headgate					
10- 3	C. E. Franklin	.....	.....	.....	0.0
10-21	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	2.6	1.35	.....	3.5
6-13	Franklin-Hanna	2.3	1.04	1.12	2.4
7-28	do	.....	.....	.....	.0
8-16	C. E. Franklin	2.6	1.04	.....	2.7
8-30	do	1.4	.71	1.06	1.0
9-18	do	.....	.....	.....	.0
McLAIN CANAL—D-65					
Diverted from Stinking Water Creek					
Measurements Made at Headgate					
8- 3	M. V. Adkisson	.....	.....	.....	0.0
McLAUGHLIN CANAL—D-566					
Diverted from Niobrara River—Sec. 9-28-52 W.					
Measurements Made at Headgate					
10-13	Franklin-Rasmussen	6.8	1.04	0.57	7.1
11- 8	C. E. Franklin	.....	.....	.....	.0
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	6.2	.45	.34	2.8
7- 8	do	5.8	.72	.....	4.2
7-23	do	6.2	.13	.....	.8
8- 8	do	3.9	.56	.....	2.2
8-28	do	7.6	.72	.....	5.5
9-14	do	4.1	.75	.....	3.1
9-26	do	4.2	.67	.....	2.8
McLAUGHLIN CANAL—D-966					
Diverted from Lodgepole Creek—Sec. 25-14-48 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	2.7	1.26	.....	3.4
8-30	do	2.5	.88	.....	2.2
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MARANVILLE CANAL—D-70, D-71					
Diverted from Frenchman River—Sec. 12-6-41 W.					
Measurements Made at Headgate					
8- 8	M. V. Adkisson	5.1	0.71	.....	3.6
MEEKER CANAL—D-4, D-7, D-8, D-9					
Diverted from Republican River—Sec. 15-3-31 W.					
Measurements Made at Headgate					
8- 1	M. V. Adkisson	11.0	1.34	.....	14.7
8-14	do	16.5	1.22	.....	20.0
MEREDITH-AMMER CANAL—D-876					
Diverted from Pumpkinseed Creek—Sec. 23-19-50 W.					
Measurements Made at Rating Flume					
10-20	C. E. Franklin	3.0	0.60	0.46	1.8
11-15	do	2.9	1.23	.44	3.7
MERIDIAN CANAL—D-459, A-469					
Diverted from Niobrara River—Sec. 25-29-50 W.					
Measurements Made at Headgate					
9-26	C. E. Franklin	.....	.....	.....	0.0
METTLEN CANAL—A-292, A-1248, A-2244					
Diverted from Niobrara River—Sec. 4-28-54 W.					
Measurements Made at Headgate					
10-13	Franklin-Rasmussen	1.8	1.00	.....	1.8
11-27	C. E. Franklin	1.2	1.33	.....	1.6
5-11	do	.....	.....	.....	.1
6- 3	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.3
8- 8	do	1.2	.25	.....	.3
8-28	do	.....	.....	.....	.3
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT					
CANAL NO. 1—A-2293, A-2678					
Diverted from Middle Loup River—Sec. 10-19-18 W.					
Measurements Made at Rating Flume—Sec. 14-19-18 W.					
10- 8	D. E. Olson	11.6	2.04	2.04	23.7
10-13	do	10.8	1.80	1.89	19.4
10-19	do	.....	.....	.....	.0
10-28	do	.....	.....	.....	.0
7-15	Melvin Kleen	13.7	1.68	2.38	23.1
9- 9	Hilpert-Tefft	5.2	.58	1.02	3.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 2—A-2293, A-2678

Diverted from Middle Loup River—Sec. 10-19-18 W.
Measurements Made at Rating Flume—Sec. 14-19-18 W.

10-13	D. E. Olson	.....	.....	.....	0.0
10-19	do	.....	.....	.....	.0
10-28	do	.....	.....	.....	.0
7-15	Melvin Kleen	18.3	1.88	2.38	34.4
9- 9	Hilpert-Tefft	.....	.....	.....	.0

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 3—A-2293, A-2678

Diverted from Middle Loup River—Sec. 1-17-17 W.
Measurements Made at Rating Flume—Sec. 6-17-16 W.

10-28	D. E. Olson	.....	.....	.....	0.0
7-14	Melvin Kleen	28.8	1.70	2.11	48.9
9-10	Hilpert-Tefft	15.8	.22	1.49	3.4

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 4—A-2293, A-2678

Diverted from Middle Loup River—Sec. 36-18-17 W.
Measurements Made at Rating Flume—Sec. 31-18-16 W.

10- 8	D. E. Olson	27.1	1.41	2.35	38.0
10-13	do	28.9	1.56	2.50	45.1
10-19	do	21.5	.98	2.04	21.1
10-28	do	.....	.....	.....	.0
7-14	Melvin Kleen	23.4	1.08	2.32	25.3
9-10	Hilpert-Tefft	17.4	.26	2.40	4.5

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- 5	E. S. Kimmel	6.8	1.04	1.16	7.1
10-13	A. C. Hilpert	7.8	1.17	1.23	9.1
10-19	do	.....	.....	1.83	5.9
10-26	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
MONROE CANAL, BIG—D-506, A-2372					
Diverted from Monroe Creek—Sec. 33-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	1.1	1.27	.....	1.4
11- 5	Franklin-Rasmussen	1.1	1.36	.....	1.5
11-28	do	.....	.....	.....	.0
1-11	C. E. Franklin	2.7	1.28	.....	3.2
1-23	do	1.5	1.06	.....	1.6
4-26	do	1.5	1.53	.....	2.3
6- 6	do	1.6	1.25	.....	2.0
7- 9	do	1.2	1.42	.....	1.7
7-25	do	.8	.88	.....	.7
8- 7	do	.5	.66	.....	.3
8-27	do	.....	.....	.....	.0
9-13	do	.8	.87	.....	.7
9-29	do	.9	.89	.....	.8

MONTAGUE CANAL—A-575					
Diverted from Niobrara River—Sec. 27-29-48 W.					
Measurements Made at Headgate					
8-21	C. E. Franklin	.....	.....	.....	0.0
9- 5	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

MOORE CANAL—A-88					
Diverted from Niobrara River—Sec. 9-28-53 W.					
Measurements Made at Headgate					
10-13	Franklin-Rasmussen	.....	.....	.....	0.0
11-27	C. E. Franklin	.....	.....	.....	.9
5-11	do	.....	.....	.....	.0
6- 3	do	8.5	0.99	.....	8.4
7- 8	do	1.0	.42	.65	.4
7-23	do	.....	.....	.....	.2
8- 8	do	.....	.....	.....	.3
8-28	do	.....	.....	.....	.3
9-14	do	.....	.....	.....	.3
9-26	do	1.2	.67	.....	.8

MUTUAL CANAL—D-843					
Diverted from Pumpkinseed Creek—Sec. 33-19-52 W.					
Measurements Made at Rating Flume					
7- 3	A. C. Hilpert	8.4	0.66	1.24	5.5

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NASLAND CANAL—A-661					
Diverted from Lodgepole Creek—Sec. 1-12-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-21	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
NEUMAN CANAL—A-611, A-1445					
Diverted from Lodgepole Creek—Sec. 26-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-21	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-19	do	4.4	0.82	.....	3.6
8-31	do	3.9	.82	.....	3.2
9-18	do	2.5	.80	.....	2.0
NEUMAN CANALS, NO. 1 AND NO. 2—A-565					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-21	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
NEWTON CANAL—A-2263, A-2863, A-2927					
Diverted from North Loup River—Sec. 35-23-21 W.					
Measurements Made at North Line of Sec. 32-23-20 W.					
10-12	D. E. Olson	5.8	0.96	1.41	5.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NIEHUS CANAL—A-550					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
Measurements Made at Headgate					
7-31	J. P. Hansen	.....	.....	.....	0.0
NORMAN CANAL—A-1614, A-1704, A-1952					
Diverted from Indian Creek—Sec. 16-32-50 W.					
Measurements Made at Headgate					
7- 6	C. E. Franklin	.....	.....	.....	0.9
7-21	do	2.2	0.73	.....	1.6
8- 5	do	1.6	.50	.....	.8
8-26	do	2.0	.70	.....	1.4
9-10	do	.....	.....	.....	.0
NORMAN SUPPLY CANAL—A-1953					
Diverted from Indian Creek—Sec. 28-32-50 W.					
Measurements Made at Headgate					
7-21	C. E. Franklin	.....	.....	.....	0.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
NORTH LOUP BURWELL-SUMTER CANAL—A-2312					
Diverted from North Loup River—Sec. 14-21-16 W.					
Measurements Made at Rating Flume—Sec. 19-21-15 W.					
10-27	D. E. Olson	.....	.....	.....	0.0
7-15	Melvin Kleen	39.6	0.97	3.53	38.2
9-10	Hilpert-Tefft	47.6	.94	3.69	45.0
NORTH LOUP TAYLOR-ORD CANAL—A-2312, A-2417					
Diverted from North Loup River—Sec. 13-21-19 W.					
Measurements Made at Rating Flume—Sec. 20-21-18 W.					
7-15	Melvin Kleen	60.3	1.56	3.92	94.2
9- 9	Hilpert-Tefft	53.7	1.61	3.70	86.4
NORTH LOUP ORD-NORTH LOUP CANAL—A-2312					
Diverted from North Loup River—Sec. 27-19-14 W.					
Measurements Made at Rating Flume—Sec. 36-19-14 W.					
10-27	D. E. Olson	.....	.....	.....	0.0
7-15	Melvin Kleen	33.4	1.40	2.55	46.8
9-10	Hilpert-Tefft	30.6	1.38	2.48	42.6

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
NORTH PLATTE CANAL SPILL					
To Scout Creek—Sec. 24-14-31 W.					
10- 6	Melvin Kleen	7.0	2.52	1.16	17.7
10-13	do	7.2	2.34	1.20	16.9
10-20	do	2.4	1.54	.40	3.7
11- 3	do	.....	.....	.....	.0
5-29	do	9.0	2.63	1.50	23.7
6-17	do	2.4	1.75	.42	4.2
6-30	do	3.2	1.78	.52	5.7
NORTH PLATTE CANAL SPILL					
Cook Spillway—Sec. 26-14-31 W.					
10- 6	Melvin Kleen	3.8	0.66	0.46	2.5
10-13	do	2.9	1.21	.37	3.5
10-20	do	.6	.33	.05	.2
11- 3	do	.....	.....	.....	.0
5-29	do	7.5	2.36	1.01	17.7
6-17	do	4.7	2.00	.67	9.4
6-30	do	.....	.....	.....	.0
NORTH PLATTE CANAL SPILL					
North Platte—Sec. 29-14-30 W.					
10- 6	Melvin Kleen	5.2	1.67	1.08	8.7
10-13	do	3.6	1.28	.92	4.6
10-20	do	4.1	1.54	.96	6.3
11- 3	do	.6	.83	.76	.5
5-29	do	7.2	1.90	1.29	13.7
6-17	do	5.0	1.78	1.07	8.9
6-30	do	2.8	.75	.77	2.1
OBERFELDER CANAL—D-306					
Diverted from Lodgepole Creek—Sec. 31-14-46 W. Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
OLIVER BROTHERS CANAL—A-1284					
Diverted from Frenchman River—Sec. 7-5-35 W.					
8- 8	M. V. Adkisson	.....	.....	.....	0.0
OWASCO CANAL—D-347, A-725					
Diverted from Lodgepole Creek—Sec. 29-15-55 W.					
Measurements Made at Rating Flume					
10- 3	C. E. Franklin	4.3	1.40	0.38	6.0
10-21	do	.....	.....	.10	.3
11-16	do	.....	.....	.....	.2
12-21	do	.3	.67	.14	.2
1-25	do	.6	.83	1.05	.5
3-13	do	.9	.66	.....	.6
4- 4	do	1.5	.73	.17	1.1
4-18	do	1.1	1.09	.20	1.2
OX YOKE CANAL—D-447					
Diverted from Ash Creek—Sec. 29-32-50 W.					
Measurements Made at Headgate					
7- 6	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
PARKS CANAL—A-1202, A-1444, A-1555					
Diverted from Republican River—Sec. 20-1-39 W.					
Measurements Made at Headgate					
10-13	D. B. Ender	.....	.....	.....	0.1
8- 2	M. V. Adkisson	.....	.....	.....	.0
8-15	do	.....	.....	.....	.0
8-23	Adkisson-Tomlin	.....	.....	.....	.0
9-14	M. V. Adkisson	.....	.....	.....	.0
PAXTON-HERSHEY CANAL SPILL					
Sec. 14-14-32 W.					
10- 6	Melvin Kleen	5.4	0.92	0.14	5.0
10-13	do	44.3	1.00	.90	44.7
10-20	do	.....	.....	.....	.0
11- 3	do	.....	.....	.....	.0
5-29	do	3.6	1.26	.13	4.6
6-17	do	11.6	1.40	.40	16.3
6-30	do	.....	.....	.....	.1

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PERSINGER CANAL—D-297					
Diverted from Lodgepole Creek—Sec. 33-14-46 W. Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

PHELAN CANAL—D-138, A-2246, A-1609					
Diverted from Rock Creek—Sec. 17-1-39 W. Measurements Made at Headgate					
8- 2	M. V. Adkisson	0.2	0.76	.....	0.2
8-15	do	1.0	.74	.....	.7

PHELPS COUNTY CANAL—A-2355					
Diverted from Platte River—Sec. 8-13-29 W. Measurements Made in Sec. 2-8-21 W.					
10- 5	Melvin Kleen	85.5	1.83	1.28	156
10-11	do	78.6	1.49	1.11	117
10-19	do	59.6	1.10	.81	66
11- 2	do	.8	.75	.20	1
3-17	do	.....	.....	.....	0
4- 5	do	58.9	1.66	.87	98
4-27	do	56.0	1.67	.83	94
5-16	do	1.0	.90	.16	1
5-31	do	42.8	1.55	.70	66
6-14	do	114.0	1.82	1.37	207
7- 6	do	164.0	2.01	2.00	329
7-20	do	216.0	2.10	2.31	486
8- 8	A. C. Hilpert	237.0	2.24	2.53	530
8-16	do	239.0	2.31	2.55	552
8-25	do	204.0	2.24	.....	456
9- 1	do	146.0	2.00	1.60	292
9-20	do	84.6	2.02	1.22	171
9-28	do	71.0	2.00	1.12	142

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PIONEER CANAL, NORTH—D-442a					
Diverted from Niobrara River—Sec. 36-29-51 W.					
Measurements Made at Headgate					
10-13	Franklin-Rasmussen	.....	.....	.....	0.0
11- 8	C. E. Franklin	10.3	0.30	.....	2.9
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
PIONEER CANAL, SOUTH—D-442b					
Diverted from Niobrara River—Sec. 31-29-50 W.					
Measurements Made at Headgate					
10-13	C. E. Franklin	.....	.....	.....	0.0
11- 8	do	14.2	0.16	.....	2.3
11-27	do	.....	.....	.....	.0
5-11	do	.....	.....	.....	.0
6- 3	do	.....	.....	.....	.0
7- 8	do	.....	.....	.....	.0
7-23	do	.....	.....	.....	.0
8- 8	do	.....	.....	.....	.0
8-28	do	.....	.....	.....	.0
9-14	do	.....	.....	.....	.0
9-26	do	.....	.....	.....	.0
PLUNKETT RESERVOIR CANAL—A-2031					
Diverted from Prairie Dog Creek—Sec. 25-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
5- 9	Franklin-Rasmussen	0.43	1.23	.....	.6
POTMESIL CANAL—A-2566					
Diverted from Niobrara River—Sec. 26-29-48 W.					
Measurements Made at Headgate					
8-21	C. E. Franklin	.....	.....	.....	0.0
9- 5	do	.....	.....	.....	.0
9-21	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
PREMIER CANAL—D-340					
Diverted from Lodgepole Creek—Sec. 3-14-58 W.					
Measurements Made at Headgate					
10- 2	C. E. Franklin	.....	.....	.....	0.0
10-22	do	.....	.....	.....	.1
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-13	Franklin-Hanna	.....	.....	.....	.0
7-12	do	5.3	1.47	.....	7.8
7-28	do	5.1	1.02	.....	5.2
8-17	C. E. Franklin	3.2	1.19	.....	3.8
8-29	do	2.5	1.28	.....	3.2
9-17	do	.....	.....	.....	.0
RALTON CANAL—A-882					
Diverted from Lodgepole Creek—Sec. 36-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-21	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
RIVERSIDE CANAL—D-18, A-1674					
Diverted from Frenchman River—Sec. 33-4-32 W.					
Measurements Made at Headgate					
8- 4	M. V. Adkisson	13.9	1.23	.....	17.1
9-27	Adkisson-Lambert	13.7	.58	.....	12.0
RUNGE CANAL NO. 1—D-339					
Diverted from Lodgepole Creek—Sec. 20-14-50 W.					
Measurements Made near Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.1
11-17	do	1.4	0.29	.....	.4
5-16	do	.....	.....	.....	.0
6-14	do	1.8	1.06	.....	1.9
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued.

Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
RUTTNER CANAL, NEW—D-350R, A-727, A-857, A-869					
Diverted from Lodgepole Creek—Sec. 36-15-57 W.					
Measurements Made at Headgate					
10- 3	C. E. Franklin	2.7	0.22	.....	0.6
10-22	do	.5	.80	.....	.4
11-17	do	.....	.....	.....	.0
3-13	do	.....	.....	.....	.0
4- 4	do	.8	.62	.....	.5
4-18	do	.7	.71	.....	.5
5-15	do	.7	1.04	.....	.7
6-13	Franklin-Hanna	1.0	3.10	0.32	3.1
7-12	do	2.8	.57	.30	1.6
7-28	do	1.9	.68	.40	1.3
8-17	C. E. Franklin	.....	.....	.....	.1
8-29	do	.4	.50	.....	.2
9-17	Franklin-Hanna	.8	.75	.20	.6
RUTTNER CANAL—A-906					
Diverted from Lodgepole Creek—Sec. 30-14-47 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-23	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	1.6	0.69	.....	1.1
SCHILT-CEDAR CREEK CANAL—D-507					
Diverted from Cedar Creek—Sec. 35-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
11-23	Franklin-Rasmussen	.....	.....	.....	.0
5- 9	do	0.3	1.00	.....	.3
SCHILT-PRAIRIE DOG CANAL—D-508					
Diverted from Prairie Dog Creek—Sec. 35-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
11-23	Franklin-Rasmussen	.....	.....	.....	.0
5- 9	do	0.4	0.80	.....	.4

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SCHILT-MONROE CANAL—D-509					
Diverted from Monroe Creek—Sec. 27-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0
SCHNELL CANAL—A-3588					
Measurements Made at Headgate—Sec. 1-19-56 W.					
11- 8	J. P. Hansen	2.7	0.41	.....	1.1
12-15	do	.....	.....	.....	.2
SCOTT CANAL—A-711					
Diverted from Pumpkinseed Creek—Sec. 7-19-55 W.					
Measurements Made at Headgate					
11- 8	J. P. Hansen	2.3	0.52	.....	1.2
12-15	do	2.3	.70	.....	1.6
SCRIPTER CANAL—A-2288					
Diverted from Clear Creek—Sec. 32-16-41 W.					
Measurements Made at Headgate					
10- 6	E. S. Kimmel	0.2	1.00	0.05	0.2
10-20	A. C. Hilpert	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
5-24	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
6-21	do	.....	.....	.....	.0
6-28	do	1.4	1.00	.14	1.4
7-13	do	.....	.....	.....	.1
SEEGRIST CANAL—A-1823					
Diverted from Renfro Reservoir, A-1822—Sec. 3-31-50 W.					
Measurements Made at Headgate					
9-11	C. E. Franklin	.....	.....	.....	-0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
SHELDON CANAL—A-493					
Diverted from East Ash Creek—Sec. 30-32-50 W.					
Measurements Made at Headgate					
7- 6	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
SHEPHERD CANAL—A-1965					
Diverted from Squaw Creek—Sec. 36-34-57 W.					
Measurements Made at Headgate					
10-18	C. E. Franklin	.....	.....	.....	0.0
SHERIDAN-WILSON CANAL—D-710					
Diverted from North Platte River—Sec. 20-14-35 W.					
Measurements Made at Rating Flume					
10- 7	E. S. Kimmel	4.8	0.60	0.62	2.9
10-15	A. C. Hilpert	3.1	.94	.60	2.9
10-21	do	3.0	.50	.51	1.5
10-29	do	.....	.....	.....	.0
SIGNAL BLUFF CANAL—D-807					
Diverted from North Platte River—Sec. 16-16-43 W.					
Measurements Made at Rating Flume					
6-21	A. C. Hilpert	.....	.....	.....	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					
11- 9	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	0.4	0.18	.....	.7
9-29	do	.....	.....	.....	.0
SLATTERY CANAL—A-749, A-2021					
Diverted from Dead Horse Creek—Sec. 32-33-49 W.					
Measurements Made at Headgate					
9-27	C. E. Franklin	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

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					
10-24	C. E. Franklin	.....	.....	.....	0.0
11-18	do	.....	.....	.....	.0
5-21	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-31	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
SOW BELLY CANAL, OLD—D-533					
Diverted from Sow Belly Creek—Sec. 7-32-55 W.					
Measurements Made at Headgate					
10-14	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0
SOW BELLY SUPPLY CANAL, OLD—A-2306					
Diverted from Sow Belly Creek—Sec. 5-32-55 W.					
Measurements Made at Headgate					
10-14	C. E. Franklin	1.2	1.50	.....	1.8
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0
SPRING BRANCH CANAL—D-862, D-893, A-669					
Diverted from Lawrence Fork—Sec. 11-18-52 W.					
Measurements Made at Headgate					
7-31	J. P. Hansen	3.3	1.89	.....	6.2

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
STUART BROTHERS CANAL, NORTH—A-8					
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.					
Measurements Made at Headgate					
11-11	C. E. Franklin	.....	.....	.....	0.0
11-26	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

STUART BROTHERS CANAL, SOUTH—A-8
Diverted from Little Cottonwood Creek—Sec. 18-32-52 W.
Measurements Made at Headgate

11-11	C. E. Franklin	.....	.....	.....	0.0
11-26	do	.....	.....	.....	.0
5-10	do	.....	.....	.....	.9
6- 2	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

STUART MAPLE CANAL—A-656
Diverted from Little Cottonwood Creek—Sec. 3-32-52 W.
Measurements Made near Headgate

6- 2	C. E. Franklin	.....	.....	.....	0.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.0
8- 6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
STUART-THOMAS CANAL—D-425					
Diverted from Little Cottonwood Creek—Sec. 8-32-52 W.					
Measurements Made at Headgate					
11-11	C. E. Franklin	.....	.....	.....	0.0
11-26	do	.....	.....	.....	.0
6- 2	do	.....	.....	.....	.0
7- 7	do	.....	.....	.....	.0
7-22	do	.....	.....	.....	.9
8- 6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-12	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0

STUMPH CANAL—D-447R, D-1023½					
Diverted from East Ash Creek—Sec. 31-32-50 W.					
Measurements Made at Headgate					
7- 6	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

THIRTY MILE CANAL SPILL, LITTLE SPILLWAY
Sec. 35-11-25 W.

10- 7	Melvin Kleen	4.1	1.44	1.50	5.9
10-21	do	.3	.33	.89	.1
10-28	do	1.0	.80	.97	.8
11- 4	do	1.8	.94	1.02	1.7
11-12	do	.....	.....	.....	.0
6- 5	do	5.6	1.82	1.75	10.2
6-19	do	2.2	.73	.93	1.6
7- 7	do	3.4	1.06	1.09	3.6

THIRTY MILE CANAL SPILL, MIDDLE SPILLWAY
Sec. 7-10-24 W.

10- 7	Melvin Kleen	11.6	2.14	2.32	24.8
10-21	do	6.4	2.03	1.61	13.0
10-28	do	8.6	1.94	1.82	16.7
11- 4	do	4.2	1.71	1.26	7.8
11-12	do	1.6	1.00	.67	1.6
6- 5	do	9.5	1.52	2.20	14.4
6-19	do	2.9	.79	.91	2.3
7- 7	do	4.8	1.46	1.28	7.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
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THIRTY MILE CANAL SPILL, HENDERSON SPILLWAY

Sec. 8-10-24 W.

10- 7	Melvin Kleen	6.7	1.22	0.68	8.2
10-21	do	6.6	.95	.59	6.3
10-28	do	7.3	1.23	.69	9.0
11- 4	do	5.9	.49	.43	2.7
11-12	do	.....	.....	.....	.0
6- 5	do	10.0	2.00	1.09	20.0
6-19	do	8.4	1.88	.92	15.8
7- 7	do	7.2	1.12	.69	8.1

THIRTY MILE CANAL SPILL, DARR SPILLWAY

Sec. 8-9-22 W.

10- 5	Melvin Kleen	10.2	2.08	1.52	21.2
10-11	do	3.6	.91	.92	3.3
10-19	do	3.2	.78	.38	2.5
10-26	do	2.0	.80	.72	1.6
11- 2	do	13.9	2.02	1.77	28.0
11- 9	do	2.2	.59	.74	1.3
6-14	do	12.2	2.13	1.78	26.0
6-28	do	9.8	2.03	1.48	19.9
7- 6	do	9.2	1.98	1.41	18.2
7-20	do	8.9	2.19	1.34	19.5

THOMAS CANAL—A-2057

Diverted from East Ash Creek—Sec. 19-32-50 W.

Measurements Made at Headgate

7- 6	C. E. Franklin	.....	.....	.....	0.0
7-21	do	.....	.....	.....	.0
8- 5	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0

THOMAS CANAL—A-1748

Diverted from Big Bordeaux Creek—Sec. 34-34-48 W.

Measurements Made at Headgate

8- 4	C. E. Franklin	.....	.....	.....	0.0
8-21	do	.....	.....	.....	.0
9- 6	do	.....	.....	.....	.0
9-22	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

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					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
TODD CANAL—A-520					
Diverted from East Ash Creek—Sec. 5-31-50 W. Measurements Made at Headgate					
8- 5	C. E. Franklin	.....	.....	.....	0.0
8-26	do	.....	.....	.....	.0
9-11	do	.....	.....	.....	.0
9-27	do	.....	.....	.....	.0
TRACY CANAL—A-870					
Diverted from Lodgepole Creek—Sec. 12-14-59 W. Measurements Made at Headgate					
10- 2	C. E. Franklin	.....	.....	.....	0.0
10-22	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-12	Franklin-Hanna	.....	.....	.....	.0
7-12	do	2.3	0.52	.....	1.2
7-28	do	.....	.....	.....	.0
8-17	C. E. Franklin	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9-17	do	.....	.....	.....	.0
TRI-STATE CANAL, TOOHEY SPILLWAY					
To River—Sec. 19-23-56 W.					
3- 2	J. P. Hansen	6.1	2.21	0.43	13.5
4-19	do	5.5	2.07	.42	11.4
5- 9	do	5.2	2.17	.40	11.3
TRI-STATE CANAL, MITCHELL SPILLWAY					
To River—Sec. 35-23-56 W.					
3- 1	J. P. Hansen	7.2	1.40	0.21	10.1
3-22	do	6.9	1.49	.16	10.3

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
TROGNITZ CANAL—D-365					
Diverted from Lodgepole Creek—Sec. 36-14-50 W. Measurements Made at Headgate					
10- 4	C. E. Franklin	.....	.....	.....	0.0
11-17	do	.....	.....	.....	.0
URBACH CANAL—D-308, A-723					
Diverted from Lodgepole Creek—Sec. 15-14-51 W. Measurements Made at Headgate					
10- 4	C. E. Franklin	1.8	1.00	.....	1.8
10-23	do	1.9	1.37	.....	2.6
11-17	do	.....	.....	.....	.0
5-16	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-30	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0
VALDEZ CANAL—D-976, A-3450					
Diverted from Cedar Creek—Sec. 10-32-56 W. Measurements Made at Headgate					
11-28	Franklin-Rasmussen	0.5	1.00	.....	0.5
5- 9	do	.3	.88	.....	.2
VALDEZ CANAL—D-976, A-3451					
Diverted from Cedar Creek—Sec. 10-32-56 W. Measurements Made at Headgate					
11- 28	Franklin-Rasmussen	0.2	0.40	.....	0.1
VICTORIA CANAL NO. 1—D-210, D-212, A-1843					
Diverted from Victoria Creek—Sec. 1-19-21 W. Measurements Made at Headgate					
10-19	D. E. Olson	.....	.....	.....	0.0
VICTORIA CANAL NO. 2—D-213, A-1845					
Diverted from Victoria Creek—Sec. 1-19-20 W. Measurements Made at Headgate					
10-19	D. E. Olson	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WARBONNET CANAL—D-548					
Diverted from Warbonnet Creek—Sec. 21-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
11- 5	Franklin-Rasmussen	.....	.....	.....	.0
1-11	C. E. Franklin	.....	.....	.....	.0
1-23	do	.....	.....	.....	.0
6- 6	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	0.95	1.16'	.....	1.1
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

WARBONNET CANAL NO. 2—A-892					
Diverted from Warbonnet' Creek—Sec. 20-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	.....	.....	.....	0.0
11- 5	Franklin-Rasmussen	1.2	1.08	.....	1.3
1-11	C. E. Franklin	.....	.....	.....	.0
1-23	do	.2	.06	.....	.1
6- 6	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	1.0	1.00	.....	1.0
9-29	do	1.0	.90	.....	.9

WARNEKE CANAL—D-505					
Diverted from Niobrara River—Sec. 27-31-57 W.					
Measurements Made at Headgate					
10-19	C. E. Franklin	.....	.....	.....	0.0
11-14	do	.....	.....	.....	.0
11-29	do	.....	.....	.....	.0
5-12	do	.....	.....	.....	.0
6- 8	do	.....	.....	.....	.0
7-10	do	.....	.....	.....	.0
7-26	do	.....	.....	.....	.0
9-30	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WEARIN CANAL—A-1864					
Diverted from Lodgepole Creek—Sec. 8-14-58 W.					
Measurements Made at Rating Flume					
10-2	C. E. Franklin	.....	.....	.....	0.0
10-22	do	.....	.....	.....	.0
11-17	do	.....	.....	.....	.0
5-15	do	.....	.....	.....	.0
6-13	do	.....	.....	.....	.0
7-12	do	.....	.....	.....	.0
7-28	do	.....	.....	.....	.0
8-17	do	.....	.....	.....	.0
8-29	do	.....	.....	.....	.0
9-17	Franklin-Hanna	.....	.....	.....	.0
WHITE RIVER CANAL—D-477					
Diverted from White River—Sec. 34-32-52 W.					
Measurements Made at Rating Flume					
11-13	C. E. Franklin	.....	.....	.....	0.0
11-26	do	.....	.....	.....	.0
5-6	do	.....	.....	.....	.0
5-31	do	.....	.....	.....	.0
7-5	do	.....	.....	.....	.0
7-24	do	.....	.....	.....	.0
8-6	do	.....	.....	.....	.0
8-26	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-28	do	.....	.....	.....	.0
WICKERSHAM RESERVOIR CANAL—A-2203					
Diverted from Boggy Creek and Wickersham Reservoir, A-2182					
Sec. 30-33-54 W.					
Measurements Made below Reservoir					
10-15	C. E. Franklin	.....	.....	.....	0.0
WICKERSHAM SUPPLY CANAL—A-2182					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
9-29	C. E. Franklin	.....	.....	.....	0.0
WICKERSHAM CANAL—A-701, A-2204					
Diverted from Boggy Creek—Sec. 31-33-54 W.					
Measurements Made at Headgate					
9-29	C. E. Franklin	.....	.....	.....	0.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WIEGAND CANAL—A-563					
Diverted from Lodgepole Creek—Sec. 17-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	2.9
11-18	do	3.0	0.50	.....	1.5
5-17	do	.....	.....	.....	0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

WIEGAND CANAL NO. 2—A-1323					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
12- 3	do	2.2	0.77	.....	1.7
5-17	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	1.6	.69	.....	1.1
9-18	do	.....	.....	.....	.0

WIEGAND CANAL NO. 3—A-1322					
Diverted from Lodgepole Creek—Sec. 16-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-13	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

DISCHARGE MEASUREMENTS OF CANALS—Continued
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WILDS CANAL, NORTH—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	1.0	0.31	.....	.3
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

WILDS CANAL, SOUTH—A-904					
Diverted from Lodgepole Creek—Sec. 11-13-46 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	0.6	0.67	.....	0.4
10-24	do	.8	.75	.....	.6
11-18	do	.7	.43	.....	.3
5-17	do	.....	.....	.....	.0
6-14	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	.....	.....	.....	.0
9-18	do	.....	.....	.....	.0

WOLFE CANAL—D-813					
Diverted from Lodgepole Creek—Sec. 18-13-45 W.					
Measurements Made at Headgate					
10- 5	C. E. Franklin	.....	.....	.....	0.0
10-24	do	.....	.....	.....	.0
11-18	do	.....	.....	.....	.0
5-17	do	.....	.....	.....	.0
6-16	do	.....	.....	.....	.0
7-15	do	.....	.....	.....	.0
7-29	do	.....	.....	.....	.0
8-19	do	.....	.....	.....	.0
8-31	do	1.7	0.76	.....	1.3
9-18	do	.....	.....	.....	.0

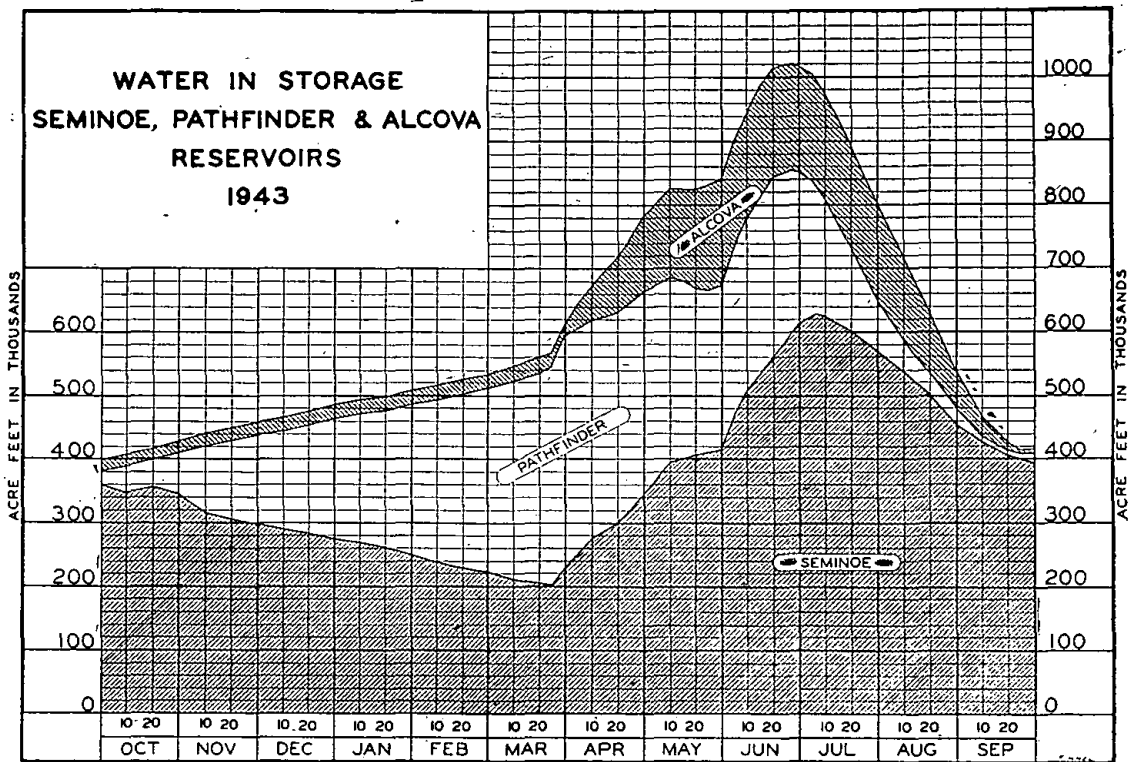
DISCHARGE MEASUREMENTS OF CANALS—Concluded
Water Year Ending September 30, 1944

Date	Hydrographer	Area of Section	Mean Velocity	Gage Height	Discharge Sec.-ft.
WOODRUFF CANAL, NORTH—D-536					
Diverted from Jim Creek—Sec. 14-33-57 W.					
Measurements Made at Headgate					
11- 5	Franklin-Rasmussen	.....	.....	.....	0.0
11- 9	C. E. Franklin	.....	.....	.....	.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

WOODRUFF CANAL, SOUTH—D-536					
Diverted from Jim Creek—Sec. 14-33-57 W.					
Measurements Made at Headgate					
11- 9	C. E. Franklin	.....	.....	.....	0.0
6- 7	do	.....	.....	.....	.0
7- 9	do	.....	.....	.....	.0
7-25	do	.....	.....	.....	.0
8- 7	do	.....	.....	.....	.0
8-27	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0

ZERBST CANAL—A-2008					
Diverted from Little Red Creek—Sec. 34-33-56 W.					
Measurements Made at Headgate					
10-16	C. E. Franklin	0.36	0.42	.....	1.5
5- 9	Franklin-Rasmussen	.30	.65	.....	.1

ZIMMERMAN CANAL—A-532					
Diverted from Sow Belly Creek—Sec. 34-33-55 W.					
Measurements Made at Headgate					
10-14	C. E. Franklin	.....	.....	.....	0.0
8- 7	do	.....	.....	.....	.0
9-13	do	.....	.....	.....	.0
9-29	do	.....	.....	.....	.0



CONTENTS IN ACRE-FEET, SEMINOLE STORAGE RESERVOIR
Water Year Ending September 30, 1943

Table with 12 columns: Day, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. Rows 1-31 showing monthly acre-foot data.

Record furnished by the United States Bureau of Reclamation.

CONTENTS IN ACRE-FEET, PATHFINDER STORAGE RESERVOIR
Water Year Ending September 30, 1943

Table with 12 columns: Day, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. Rows 1-31 showing monthly acre-foot data.

Record furnished by the United States Bureau of Reclamation.

BUREAU OF IRRIGATION

CONTENTS IN ACRE-FEET, ALCOVA RESERVOIR
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	18040	19460	20360	21180	21830	22500	23620	123540	164890	164330	151000	52970
2	18060	19490	20390	21210	21850	22520	26570	126790	164710	164170	149220	50220
3	18080	19540	20420	21220	21880	22540	29900	129940	164750	164410	147250	47640
4	18110	19570	20460	21240	21910	22560	33280	133750	164890	164570	145320	45250
5	18150	19610	20490	21250	21930	22590	36590	136320	165090	164710	143210	42920
6	18190	19640	20520	21270	21960	22620	39970	138460	165300	164750	140900	40300
7	18230	19660	20550	21280	21980	22630	43310	138810	165500	164750	138440	37370
8	18270	19700	20580	21300	22010	22650	46670	138980	165750	164660	135890	34070
9	18320	19750	20600	21320	22030	22670	50020	139080	165850	164550	133290	32000
10	18380	19770	20630	21350	22060	22690	53350	139230	166040	164370	130450	29820
11	18430	19800	20650	21370	22070	22710	56730	139330	166180	164680	127340	27530
12	18480	19840	20650	21400	22090	22730	60160	140510	166340	164960	123680	25260
13	18540	19870	20700	21420	22120	22760	63510	141720	166470	165140	119900	23010
14	18620	19900	20720	21450	22140	22780	67010	142680	166580	164980	116400	20850
15	18680	19930	20750	21470	22160	22810	70500	143930	166700	164780	112430	18840
16	18740	19960	20780	21480	22180	22830	73950	144770	166900	163990	108200	16940
17	18830	20000	20810	21500	22210	22850	77440	145890	167040	162470	103850	15190
18	18880	20020	20850	21510	22230	22880	80800	146900	167170	161280	99880	13550
19	18920	20030	20880	21530	22250	22920	84190	152150	167310	160210	96290	12030
20	18980	20050	20900	21550	22280	22960	87520	156330	167060	159310	93160	10570
21	19080	20080	20920	21580	22300	22990	90880	160390	166920	158400	89890	8500
22	19070	20110	20950	21610	22320	23010	94110	164550	166720	157280	86700	6460
23	19120	20140	20980	21640	22350	23030	97390	168690	166490	156090	83830	4700
24	19160	20150	21010	21660	22370	23070	100670	165410	166000	154950	80000	5340
25	19200	20210	21030	21680	22400	23150	103990	165680	165270	154260	76580	4850
26	19230	20240	21050	21710	22420	23260	107350	165770	164750	153690	73050	5170
27	19280	20270	21070	21730	22450	23380	110570	165790	164890	153080	69500	5570
28	19310	20300	21080	21750	22470	23460	113850	165860	164510	152300	66020	5670
29	19350	20320	21110	21770	-----	23520	117140	165540	164390	152410	62550	5700
30	19390	20340	21130	21780	-----	23580	120350	165250	164440	152410	59230	5810
31	19420	-----	21160	21810	-----	23600	-----	165140	-----	152280	55960	-----

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF ALCOVA RESERVOIR
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	3	3	3	3	3	3	3	2530	4810	4520	4090
2	3	3	3	3	3	3	3	3	2530	4830	4700	4050
3	3	3	3	3	3	3	3	3	1630	4830	4760	4020
4	3	3	3	3	3	3	3	1120	1500	4850	4650	3960
5	3	3	3	3	3	3	3	1850	1500	4880	4680	3930
6	3	3	3	3	3	3	3	2120	1500	4880	4700	3880
7	3	3	3	3	3	3	3	2990	1500	4880	4700	3820
8	3	3	3	3	3	3	3	3130	962	4880	4680	3760
9	3	3	3	3	3	3	3	3130	902	4860	4650	2880
10	3	3	3	3	3	3	3	3140	902	4850	4650	2690
11	3	3	3	3	3	3	3	3140	902	4850	4920	2660
12	3	3	3	3	3	3	3	2620	910	4830	4920	2560
13	3	3	3	3	3	3	3	2600	910	4810	4770	2490
14	3	3	3	3	3	3	3	2650	902	4790	4960	2440
15	3	3	3	3	3	3	3	2690	910	5560	4970	2380
16	3	3	3	3	3	3	3	2720	918	5310	4860	2330
17	3	3	3	3	3	3	3	1570	918	5350	4760	2260
18	3	3	3	3	3	3	3	1490	918	5250	4720	2200
19	3	3	3	3	3	3	3	1090	2220	5100	4670	2120
20	3	3	3	3	3	3	3	980	2580	5050	4630	2040
21	3	3	3	3	3	3	3	1010	3460	5080	4590	1930
22	3	3	3	3	3	3	3	1040	3570	5050	4540	1780
23	3	3	3	3	3	3	3	1040	4360	4850	4500	508
24	3	3	3	3	3	3	3	1040	4740	4790	4450	370
25	3	3	3	3	3	3	3	932	4770	4560	4410	193
26	3	3	3	3	3	3	3	925	4770	4520	4360	16
27	3	3	3	3	3	3	3	925	4790	4490	4310	3
28	3	3	3	3	3	3	3	2390	4790	4070	4250	37
29	3	3	3	3	3	3	3	3490	4790	4020	4200	7
30	3	3	3	3	3	3	3	2530	-----	4020	4140	-----
31	3	3	3	3	3	3	3	1854	2283	4831	4626	2260
Mean	3	3	3	3	3	3	3	3140	4790	5560	4970	4090
Max.	3	3	3	3	3	3	3	3	902	4020	4140	3
Min.	3	3	3	3	3	3	3	3	-----	-----	-----	-----
A. F.	180	180	180	180	170	180	180	114050	135540	297030	284450	135020

Total acre-feet 967640.

Record furnished by the United States Bureau of Reclamation.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	393	285	290	351	206	268	1690	606	3140	4590	3890	4000
2	338	285	165	349	201	138	1800	534	3250	4560	3750	3920
3	351	341	239	224	226	131	1410	443	2740	4690	4250	3920
4	369	270	217	218	232	134	1110	417	2780	4520	4590	4000
5	348	285	147	152	211	130	1070	345	2490	4520	4560	4250
6	398	285	142	167	226	130	1050	308	2030	4540	4590	4090
7	348	295	150	169	246	135	937	275	2000	4550	4560	3990
8	322	290	200	173	246	130	869	954	2400	4600	4540	4050
9	372	285	304	246	222	233	843	2360	1910	4580	4520	3770
10	342	274	174	306	145	208	803	2800	1880	4630	4480	3740
11	292	338	311	251	207	203	940	3060	1780	4590	4470	3350
12	342	276	331	320	233	221	1650	2080	1370	4510	4530	2760
13	317	290	327	240	281	257	1930	2960	1270	4490	4510	2660
14	507	299	305	287	315	267	1480	2770	1880	4470	4690	2600
15	537	247	320	329	274	354	1430	2600	1730	4530	4710	2590
16	499	262	318	268	282	244	1310	2650	1180	4520	4600	2480
17	463	302	338	117	258	226	1280	2650	1240	4510	4640	2360
18	513	298	358	71	339	257	1190	2790	1230	5070	4870	2370
19	525	231	333	85	354	218	1110	2760	1180	5290	4720	2350
20	439	272	349	219	378	265	1060	2640	1150	5150	4600	2290
21	331	320	347	152	424	321	1030	1900	1100	5090	4610	2240
22	361	223	299	267	396	329	989	1890	1120	5000	4520	2210
23	331	152	276	318	300	381	959	1590	2090	4970	4520	2120
24	335	151	224	348	285	472	944	1450	2670	4940	4470	2030
25	305	243	286	230	508	932	742	1460	3300	4910	4440	1900
26	359	410	241	226	250	920	773	1570	3850	4770	4390	1760
27	275	309	164	227	298	627	758	1540	4520	4880	4330	1100
28	335	351	180	266	265	635	709	1510	4670	4520	4270	791
29	310	205	264	268	---	623	677	1430	4430	4430	4200	709
30	351	169	202	226	---	838	576	1400	4520	4350	4140	836
31	225	---	261	233	---	1350	---	2120	---	4000	4090	---
Mean	372	278	265	226	272	351	1164	1773	2362	4670	4455	2709
Max.	537	419	364	351	424	1350	1930	3060	4670	5290	4870	4250
Min.	225	151	142	71	145	130	576	275	1100	4000	3730	709
A. F.	22880	16530	16310	14490	15110	23460	65750	109000	140530	257150	273940	161970

Total acre-feet 1146220.

Record furnished by the United States Bureau of Reclamation.

CONTENTS IN ACRE-FEET, GUERNSEY STORAGE RESERVOIR
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23470	39100	42540	41730	37820	42100	51010	43810	33680	26220	21450	12230
2	22190	39620	42280	41940	37300	42030	51050	42720	35510	26900	19750	11670
3	21160	40250	42170	41710	37630	41950	50340	41280	37410	27590	18990	11190
4	20730	40740	42010	41690	37570	41950	50360	39520	39420	28030	18900	11060
5	21060	41260	41730	41350	39450	41880	50660	36280	40680	28430	18680	11850
6	21770	41780	41430	41040	37370	41800	50920	32340	41020	28690	18520	12500
7	22390	42320	41320	40740	37320	41730	50820	28100	41320	28780	18220	13150
8	22940	42550	41130	40490	37590	41820	50480	24770	42390	29250	17870	14430
9	23600	43370	41260	40360	37570	42030	50090	26040	42450	28910	17520	15460
10	24200	43320	41040	40380	37370	42190	49700	26690	42410	28560	17130	16580
11	24700	43410	41090	40420	37280	42340	49540	28570	42080	28030	16720	17040
12	25300	43390	41090	40460	37320	42520	50870	30570	41060	27330	16360	18660
13	25850	43390	41170	40340	37430	42760	50340	31640	39970	26460	16080	16200
14	26780	43410	41320	40310	37650	43020	50020	31620	41000	25510	16030	15600
15	27770	43340	41390	40380	37990	43450	49930	31450	40000	24600	16020	15180
16	28690	43300	41450	40070	38161	43650	49580	31600	38760	23660	15970	14770
17	29550	43300	41560	39450	38260	43810	49490	31870	38130	22650	15900	14330
18	30510	43390	41710	39060	38490	44030	49260	33730	37890	22940	16300	14140
19	31490	43170	41800	38490	38760	44160	49350	36420	37140	23660	16390	14130
20	32300	43150	41920	38260	39100	44400	49380	35970	35570	24150	16330	14030
21	32900	43190	42190	37640	39520	44670	49350	39360	33150	24590	16380	14130
22	33560	43060	42230	37610	40060	45140	49210	40120	29250	24770	16270	14210
23	34160	42890	42210	37630	40490	45510	49030	40180	26520	25070	16130	14130
24	34750	42520	42300	37780	40700	46260	48820	39820	24600	25510	15890	13900
25	35200	42520	42300	37970	41040	47820	48210	39180	23600	25720	15590	13620
26	35940	42780	42390	37840	41260	48250	47660	38760	23240	25650	15290	13180
27	36420	42830	42170	37600	41580	48570	47100	38250	23850	25950	14910	11530
28	37020	42940	41990	37690	41840	48620	46420	37410	24550	25560	14420	9800
29	37570	42780	41950	37710	---	---	48980	45700	24790	24990	13910	8740
30	38290	42560	41690	37630	---	---	49310	44760	33170	25360	14340	9420
31	38580	---	41620	37630	---	---	50640	---	32180	---	23000	12800

Record furnished by the United States Bureau of Reclamation.

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	983	23	300	296	110	137	1500	1070	2370	4140	4600	4280
2	983	23	296	294	267	173	1780	1060	2320	4200	4620	4200
3	870	23	294	290	266	171	1770	1150	1770	4320	4620	4160
4	586	23	298	228	262	134	1100	1290	1700	4280	4620	4060
5	182	23	288	323	272	165	914	1970	1840	4300	4660	3580
6	40	23	293	323	266	170	914	2280	1850	4300	4660	3740
7	40	23	205	320	271	170	987	2410	1840	4390	4700	3640
8	40	23	296	299	110	135	1040	2630	1840	4450	4700	3410
9	40	23	298	312	232	127	1040	2220	1860	4740	4680	3240
10	40	299	284	296	246	127	1000	1960	1900	4790	4660	3160
11	40	293	286	231	252	127	1020	1940	1930	4810	4660	3110
12	40	286	351	300	213	130	1010	2110	1880	4870	4700	2940
13	40	290	287	301	225	136	2200	2420	1810	4910	4640	2880
14	38	289	229	302	204	136	1640	2770	1800	4930	4700	2890
15	38	282	285	294	103	137	1470	2690	1770	4980	4700	2790
16	35	282	288	454	196	143	1490	2560	1790	4980	4700	2680
17	29	302	283	384	208	145	1320	2510	1540	5000	4700	2580
18	29	298	282	283	223	146	1310	1850	1430	4910	4660	2460
19	31	297	288	372	218	152	1070	1590	1440	4910	4660	2350
20	31	292	288	335	207	144	1060	1520	1920	4890	4620	2300
21	29	290	211	464	212	139	1050	1520	2300	4870	4580	2190
22	29	289	279	282	124	137	1060	1490	3070	4870	4560	2170
23	29	283	286	308	129	144	1050	1540	3450	4810	4580	2156
24	38	292	279	272	134	144	1050	1620	3620	4700	4580	2140
25	33	293	286	134	137	146	1060	1760	3790	4790	4580	2040
26	31	288	196	292	139	703	1050	1770	4020	4790	4580	1980
27	34	284	275	303	137	666	1040	1770	4200	4720	4510	1930
28	33	326	271	266	134	610	1050	1930	4300	4700	4510	1660
29	33	286	284	288	---	441	1040	2360	4300	4700	4450	1240
30	33	280	333	266	---	672	1060	2880	4220	4660	4450	490
31	33	---	296	233	---	679	---	2610	---	4660	4320	---
Mean	145	211	281	309	196	238	1203	1966	2462	4692	4610	2758
Max.	983	326	333	464	272	703	2200	2770	4300	5000	4700	4280
Min.	29	23	196	134	110	127	914	1060	1430	4140	4320	490
A. F.	8940	12550	17250	18480	10910	14650	71630	120890	146520	288520	283460	164090

Total acre-feet 1157890.

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT WYOMING-NEBRASKA LINE
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	512	496	722	672	561	430	1660	532	1190	1410	1270	1060
2	496	452	713	653	546	421	1750	524	1100	1410	1260	1060
3	480	473	770	629	566	409	1540	514	920	1460	1290	1060
4	480	496	704	588	561	415	1260	519	738	1340	1260	1110
5	480	504	659	561	533	378	888	542	718	1330	1230	1070
6	536	520	632	572	536	410	791	718	744	1360	1210	1040
7	536	520	605	588	556	480	764	784	777	1300	1220	1020
8	504	528	569	594	578	550	819	896	777	1230	1240	974
9	480	504	623	600	532	501	826	1050	805	1300	1270	904
10	459	504	641	629	578	481	777	992	826	1350	1260	872
11	438	544	641	629	536	458	819	1010	856	1360	1230	833
12	438	623	677	635	561	454	805	1020	864	1350	1230	798
13	445	659	704	653	566	458	1170	1050	929	1320	1210	704
14	466	677	686	665	566	465	1540	1150	880	1350	1210	724
15	528	668	698	672	566	465	1100	1260	856	1360	1240	718
16	560	641	674	684	505	451	1220	1240	848	1360	1240	688
17	560	605	698	528	514	445	1070	1270	805	1370	1270	688
18	569	650	698	497	505	465	983	1060	724	1360	1260	712
19	544	686	665	520	514	440	904	833	666	1310	1260	705
20	504	677	678	590	514	465	777	744	666	1290	1230	661
21	528	722	672	710	505	481	724	724	805	1260	1180	645
22	528	722	629	820	489	493	683	705	947	1330	1140	625
23	512	650	659	780	477	489	650	688	1190	1280	1090	610
24	504	731	678	720	454	481	678	724	1290	1300	1100	610
25	504	800	698	665	444	481	666	764	1210	1290	1160	610
26	528	770	672	583	437	493	615	798	1160	1300	1180	620
27	544	790	611	572	434	605	586	777	1250	1340	1180	620
28	562	659	611	600	430	665	578	750	1340	1230	1180	620
29	528	760	659	600	---	798	560	826	1370	1260	1170	600
30	512	800	659	605	---	1530	542	1180	1480	1260	1170	605
31	496	---	678	578	---	1990	---	1290	---	1270	1110	---
Mean	508	628	667	626	522	566	925	888	968	1325	1211	787
Max.	569	800	770	820	583	1990	1750	1290	1480	1460	1290	1110
Min.	438	452	569	497	430	378	542	514	666	1230	1090	600
A. F.	31240	37350	41020	38460	28970	34810	55030	53380	56990	81500	74480	46850

Total acre-feet 580080.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MITCHELL
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	839	762	938	925	888	651	1920	567	522	376	292	262
2	803	739	913	907	863	603	2020	508	498	319	303	255
3	751	756	938	857	845	582	1930	433	447	360	296	262
4	728	780	932	857	821	503	1730	299	323	339	299	319
5	728	780	913	821	815	532	1340	234	292	288	292	335
6	762	762	863	839	785	520	1140	214	273	277	288	319
7	774	762	851	827	785	550	1080	214	262	262	284	303
8	774	762	827	833	785	610	1070	255	266	227	273	277
9	774	739	839	857	745	700	1060	513	296	211	280	258
10	762	728	863	882	667	661	1060	461	323	218	284	258
11	751	762	863	869	661	645	1210	347	284	224	273	262
12	762	815	888	857	733	656	1240	269	290	241	266	262
13	803	839	913	869	791	711	1250	234	351	224	258	262
14	845	869	907	888	839	705	1800	195	402	221	262	266
15	869	882	882	907	845	705	1530	234	389	227	262	269
16	876	882	888	851	815	645	1570	360	447	231	269	277
17	869	815	907	700	809	624	1510	508	489	234	273	277
18	857	869	900	650	797	610	1370	517	429	258	277	315
19	876	894	888	650	785	587	1300	407	347	262	277	351
20	821	888	888	720	785	620	1140	360	266	266	280	327
21	821	919	907	900	756	656	1040	319	244	266	277	307
22	803	920	863	1140	739	689	1000	503	227	258	269	299
23	791	900	894	1230	722	705	938	347	214	269	262	303
24	774	964	907	1110	700	689	919	319	255	266	262	311
25	768	1010	913	1030	694	667	964	311	299	277	288	307
26	774	951	900	1000	672	672	839	302	266	269	280	311
27	774	951	821	964	672	768	722	299	260	288	280	327
28	780	938	815	964	656	857	629	277	299	315	277	327
29	774	869	876	964	---	919	593	355	335	288	277	307
30	768	945	919	938	---	1340	582	490	372	273	280	331
31	756	---	900	900	---	2090	---	540	---	273	277	---
Mean	794	848	888	894	767	728	1219	361	333	268	278	295
Max.	876	1010	938	1230	888	2090	2020	567	522	376	303	351
Min.	728	728	815	650	656	520	582	195	214	211	258	258
A. F.	48810	50480	54850	54950	42590	44790	72530	22200	19800	16480	17090	17560

Total acre-feet 461850.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MINATARE
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1180	1060	1200	1240	1020	942	1980	854	694	428	314	407
2	1160	1070	1180	1220	982	919	1920	813	758	380	322	451
3	1110	1040	1150	1180	973	893	2000	729	761	350	309	413
4	1100	1060	1180	1160	988	882	1870	653	685	395	363	484
5	1080	1030	1180	1130	992	833	1640	566	609	383	356	545
6	1080	1080	1180	1110	989	818	1400	481	585	329	369	575
7	1080	1060	1140	1100	985	829	1280	471	576	283	366	550
8	1060	1050	1130	1110	1000	858	1240	508	548	242	367	531
9	1050	1050	1160	1130	997	953	1260	764	548	204	353	510
10	1040	1020	1190	1160	950	944	1210	867	609	189	339	510
11	1020	1020	1200	1160	870	941	1460	747	535	178	344	499
12	1030	1080	1200	1140	910	954	1410	631	598	176	320	492
13	1080	1120	1220	1140	970	988	1250	528	670	192	297	483
14	1190	1150	1220	1160	1030	1000	1540	448	767	181	286	494
15	1150	1160	1220	1180	1060	962	1650	495	789	203	293	499
16	1150	1160	1220	1120	1040	867	1500	612	894	210	300	499
17	1140	1130	1220	1000	1030	840	1520	885	879	242	300	568
18	1170	1110	1220	870	1020	857	1440	953	790	320	311	635
19	1200	1150	1210	880	1000	852	1390	919	710	267	319	667
20	1160	1160	1200	1000	990	872	1350	819	614	241	348	709
21	1130	1200	1220	1240	980	964	1260	742	528	230	365	680
22	1140	1170	1190	1380	970	933	1200	773	452	264	369	628
23	1130	1160	1180	1490	965	955	1140	778	386	298	357	601
24	1120	1200	1230	1350	944	947	1090	670	380	285	325	597
25	1080	1250	1220	1200	924	910	1120	634	422	301	343	582
26	1090	1220	1230	1150	916	878	1090	615	413	313	366	591
27	1100	1190	1170	1100	914	895	931	568	407	292	367	608
28	1100	1160	1160	1090	920	1020	918	496	421	315	362	636
29	1090	1130	1180	1100	---	1100	880	424	411	313	363	624
30	1070	1200	1220	1080	---	1270	859	599	414	301	369	600
31	1040	---	1210	1060	---	1710	---	688	---	298	374	---
Mean	1107	1123	1195	1143	976	952	1360	669	596	278	341	556
Max.	1200	1250	1230	1490	1060	1710	2000	953	894	428	386	709
Min.	1020	1020	1130	870	870	818	859	424	380	176	286	407
A. F.	68070	66820	73470	70270	54210	58560	80920	41110	35470	17080	20960	33080

Total acre-feet 620020.

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT BRIDGEPORT
Water Year Ending September 30, 1942

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1500	1360	1700	1440	1230	1340	2290	1030	938	483	544	566
2	1500	1430	1660	1480	1110	1140	2110	1020	1170	483	493	581
3	1500	1400	1630	1470	1090	1110	2420	954	1160	462	504	628
4	1500	1380	1630	1460	1130	1090	2440	922	1130	442	497	693
5	1500	1380	1630	1470	1200	1030	2230	880	1100	473	606	757
6	1500	1380	1580	1460	1280	1040	1800	813	1010	461	590	823
7	1520	1400	1540	1440	1220	1100	1630	806	924	422	533	870
8	1520	1410	1500	1420	1260	1160	1560	862	871	401	552	866
9	1480	1420	1540	1420	1280	1100	1640	1080	882	369	538	877
10	1460	1400	1540	1440	1200	1080	1590	1170	995	332	470	566
11	1440	1400	1540	1440	1200	1080	1740	1110	1060	318	449	843
12	1440	1460	1520	1440	1250	1090	1920	965	1050	367	464	842
13	1530	1560	1520	1450	1300	1090	1750	902	1030	739	436	826
14	1810	1620	1520	1420	1370	1120	1700	810	1140	606	425	794
15	1680	1700	1590	1460	1370	1110	2030	866	1150	581	418	773
16	1700	1660	1470	1420	1350	1070	1940	923	1190	552	408	764
17	1680	1640	1470	1380	1300	1090	1900	1190	1290	555	405	775
18	1680	1580	1440	1230	1270	1090	1900	1350	1190	606	395	861
19	1660	1550	1430	1290	1260	1120	1780	1270	1090	611	401	938
20	1670	1550	1440	1290	1250	1070	1660	1210	969	581	428	1000
21	1630	1600	1470	1350	1250	1030	1550	1120	833	513	466	1040
22	1620	1680	1500	1500	1240	1090	1460	1050	691	599	473	1030
23	1620	1630	1480	1700	1210	1160	1380	1030	585	629	470	994
24	1560	1670	1560	1850	1180	1170	1350	967	593	664	463	985
25	1540	1740	1590	1800	1170	1190	1350	898	639	643	453	976
26	1510	1730	1550	1700	1140	1190	1310	870	600	618	455	943
27	1510	1710	1420	1550	1140	1190	1200	843	584	639	477	938
28	1470	1690	1350	1430	1140	1200	1160	759	538	656	487	968
29	1440	1670	1410	1290	-----	1270	1100	681	501	621	509	970
30	1430	1680	1430	1290	-----	1370	1060	745	486	608	574	993
31	1370	-----	1470	1290	-----	1660	-----	917	-----	583	599	-----
Mean	1549	1549	1517	1447	1231	1141	1710	968	913	538	483	859
Max.	1810	1740	1700	1850	1370	1660	2440	1350	1290	799	606	1040
Min.	1370	1360	1350	1200	1090	1030	1060	681	486	318	395	566
A. F.	95270	92190	93280	89000	68350	70180	101700	59540	54330	33080	29720	51130

Total acre-feet 837770.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LISCO
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1890	1620	1710	1740	1400	1300	1810	1180	1000	498	508	508
2	1890	1650	1710	1740	1380	1290	2200	1120	1380	530	477	519
3	1890	1680	1760	1680	1300	1280	2320	1100	1340	540	446	584
4	1890	1680	1700	1630	1310	1260	2490	1040	1240	508	397	662
5	1890	1660	1680	1600	1380	1240	2430	976	1150	446	466	684
6	1910	1680	1630	1630	1410	1250	2290	885	1110	466	562	885
7	1880	1580	1550	1620	1500	1270	1980	849	1040	416	530	950
8	1910	1680	1570	1620	1500	1300	1840	813	1020	397	488	976
9	1880	1660	1620	1680	1490	1330	2010	937	1000	397	488	963
10	1880	1650	1620	1660	1420	1380	2100	1030	1370	340	456	924
11	1840	1630	1650	1680	1440	1410	2290	1150	1160	255	406	873
12	1880	1620	1680	1660	1500	1420	2360	1070	1080	195	378	861
13	2160	1660	1730	1650	1560	1360	2130	873	1080	368	368	885
14	2650	1730	1730	1660	1600	1340	1860	754	1140	639	350	924
15	2360	1730	1830	1680	1600	1380	1960	1020	1210	426	314	898
16	2180	1730	1810	1700	1590	1310	2340	911	1340	435	332	898
17	2060	1710	1790	1690	1560	1220	2110	1150	1380	519	368	849
18	1940	1700	1780	1600	1540	1190	2060	1340	1420	673	340	873
19	1880	1660	1780	1500	1480	1230	1920	1370	1270	639	332	950
20	1860	1710	1740	1470	1460	1220	1810	1320	1120	606	350	989
21	1830	1810	1710	1550	1470	1180	1760	1140	1920	540	368	1030
22	1880	1810	1730	1700	1460	1180	1600	1030	837	562	435	1030
23	1860	1740	1730	1850	1450	1170	1490	989	719	696	426	989
24	1790	1830	1740	1980	1410	1180	1400	1110	639	673	446	976
25	1740	1910	1780	2030	1380	1240	1420	976	684	708	477	1000
26	1700	1890	1740	1720	1340	1250	1430	911	628	684	446	989
27	1680	1880	1580	1710	1320	1250	1380	924	584	684	466	937
28	1660	1830	1540	1690	1310	1220	1340	837	562	719	508	937
29	1660	1790	1660	1670	-----	1300	4300	754	540	777	519	963
30	1660	1730	1730	1660	-----	1400	1210	777	519	660	540	976
31	1630	-----	1740	1500	-----	1480	-----	911	-----	617	508	-----
Mean	1897	1727	1704	1676	1449	1285	1888	1008	1019	536	435	883
Max.	2650	1910	1830	2030	1600	1480	2490	1370	1420	777	562	1030
Min.	1630	1620	1540	1470	1300	1170	1210	754	519	195	314	508
A. F.	115600	102700	104700	103000	80450	79060	112300	61980	60660	32930	26770	52530

Total acre-feet 933620.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT OSHKOSH
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1850	1830	1900	1560	1500	1400	1950	1160	962	458	508	494
2	1910	1810	1850	1560	1500	1400	2450	1180	1190	450	459	446
3	1830	1740	1910	1540	1490	1380	2600	1180	1510	539	449	468
4	1760	1700	1850	1450	1500	1350	2550	1120	1320	534	425	550
5	1650	1610	1780	1430	1560	1290	2550	1070	1250	468	489	609
6	1630	1660	1680	1410	1630	1290	2430	997	1170	421	463	718
7	1650	1680	1570	1500	1730	1400	2220	996	1070	420	466	750
8	1630	1740	1540	1520	1820	1450	2110	1030	1040	419	453	819
9	1610	1740	1680	1560	1800	1440	2170	977	1030	376	440	826
10	1560	1700	1660	1520	1740	1500	2240	1030	1410	375	428	852
11	1570	1700	1610	1520	1720	1800	2340	1110	1250	311	392	850
12	1630	1740	1650	1520	1750	1930	2490	1180	1120	236	368	847
13	1870	1760	1700	1520	1780	1680	2380	997	1030	187	366	819
14	2600	1720	1700	1430	1800	1360	2090	843	1120	476	335	846
15	2300	1700	1720	1470	1820	1230	1930	961	1110	466	281	818
16	2050	1650	1720	1430	1800	1280	2130	1070	1230	381	252	605
17	1930	1630	1660	1410	1700	1300	2260	1170	1220	470	302	804
18	1870	1700	1610	1290	1660	1400	2130	1300	1270	785	251	801
19	1830	1650	1540	1310	1520	1450	2130	1420	1150	710	215	921
20	1740	1660	1560	1380	1520	1480	1970	1500	1020	685	216	1030
21	1720	1810	1680	1490	1560	1480	1850	1370	889	633	224	1060
22	1830	1910	1630	1690	1630	1480	1780	1220	781	565	280	1090
23	1850	1930	1560	1910	1630	1480	1660	1210	681	605	314	1020
24	1830	1970	1630	2020	1570	1480	1540	1290	624	644	347	1090
25	1850	1970	1660	2180	1480	1480	1390	1280	623	625	453	1040
26	1810	1950	1650	2030	1410	1480	1410	1160	622	564	464	1040
27	1740	1970	1570	1960	1430	1470	1270	1100	566	528	452	960
28	1610	1970	1520	1960	1410	1410	1200	1050	528	568	442	914
29	1700	1930	1560	1880	-----	1430	1190	930	488	625	464	945
30	1700	1910	1540	1880	-----	1610	1150	868	467	628	476	1000
31	1740	-----	1500	1820	-----	1700	-----	991	-----	623	477	-----
Mean	1802	1781	1658	1618	1627	1464	1985	1121	991	510	386	841
Max.	2600	1970	1910	2180	1820	1930	2600	1500	1510	785	508	1090
Min.	1560	1610	1500	1290	1410	1240	1150	843	467	187	215	446
A. F.	110800	106000	101800	99470	90350	89920	118100	68950	58990	31390	23700	50500

Total acre-feet 949690.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LEWELLEN
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1940	1800	2000	1930	1850	1650	1810	1550	1010	524	578	412
2	1990	1820	1880	1940	1850	1650	2290	1520	1300	530	550	406
3	1940	1820	1930	1950	1850	1650	2720	1470	1590	626	568	414
4	1930	1870	1970	1800	1780	1650	2720	1400	1460	543	431	489
5	1900	1840	1920	1900	1900	1650	2790	1330	1340	494	548	565
6	1840	1840	1900	1900	1900	1650	2720	1250	1260	444	487	666
7	1850	1840	1800	1900	1900	1650	2460	1240	1210	422	492	737
8	1820	1870	1750	1900	1900	1650	2270	1200	1170	401	458	738
9	1810	1860	1750	1900	1900	1650	2250	1140	1130	399	429	836
10	1780	1840	1750	1900	1900	1650	2300	1180	1460	360	405	897
11	1810	1820	1800	1900	1900	1650	2400	1270	1700	337	390	901
12	1830	1770	1800	1900	1900	2840	2620	1370	1400	293	389	867
13	1980	1800	1900	1900	1900	2300	2480	1300	1410	245	358	841
14	2720	1870	1950	1900	1900	1740	2210	1140	1510	267	341	837
15	2670	1920	2010	1900	1990	1450	1990	1140	1340	520	318	832
16	2360	1960	2020	1900	1920	1550	2130	1290	1380	448	308	852
17	2180	1960	1990	1900	1850	1550	2330	1370	1430	453	287	846
18	2050	1960	1940	1900	1810	1550	2170	1420	1480	722	289	853
19	2020	1960	1920	1900	1770	1550	2140	1570	1440	740	266	928
20	2000	1920	1900	1900	1740	1550	2060	1630	1260	666	262	1030
21	1950	2000	1870	1900	1720	1550	1970	1500	1090	624	278	1060
22	2020	1960	1840	1900	1710	1560	1910	1360	930	579	291	1100
23	2030	1970	1850	1900	1760	1550	1820	1280	776	581	335	1090
24	1940	1970	1970	1900	1720	1650	1760	1220	666	659	335	1100
25	1880	2070	1920	1900	1740	1560	1750	1240	622	636	399	1060
26	1860	2140	1960	1900	1720	1590	1760	1120	626	577	429	1050
27	1870	2120	1940	1900	1690	1570	1680	1030	583	510	405	1020
28	1910	2140	1770	1900	1660	1540	1660	991	561	560	387	1010
29	1900	2010	1800	1900	-----	1540	1630	874	535	551	390	1010
30	1880	1970	1910	1900	-----	1620	1590	786	535	578	396	1030
31	1820	-----	1890	1900	-----	1710	-----	870	-----	564	394	-----
Mean	1983	1823	1890	1901	1826	1666	2146	1260	1140	512	390	851
Max.	2720	2140	2020	-----	-----	2840	2790	1630	1700	740	578	1100
Min.	1780	1770	1750	-----	-----	1450	1590	786	535	245	262	406
A. F.	121900	114400	116200	116900	101400	102500	127700	77460	67840	31460	23990	50630

Total acre-feet 1062380.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT KEYSTONE
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	30	7	29	77	10	8	9	1310	364	376	1910	820
2	9	7	10	70	10	10	9	1310	392	381	1900	830
3	9	7	6	123	18	12	10	957	387	376	1880	820
4	10	8	5	65	12	7	11	467	342	364	1930	771
5	9	7	5	59	11	18	44	337	364	359	1990	716
6	8	7	6	57	24	18	219	257	353	332	2060	638
7	8	7	7	75	12	10	270	219	342	261	2020	567
8	8	7	8	56	10	7	113	211	342	257	1880	370
9	8	8	15	120	24	7	33	207	332	244	1880	353
10	8	7	37	136	108	10	23	200	327	244	1640	342
11	8	7	136	182	59	6	24	190	317	257	1660	322
12	7	7	90	240	131	6	57	179	312	248	1640	317
13	7	7	274	317	70	6	680	190	317	257	1640	317
14	8	7	359	317	22	6	1000	186	232	257	1640	292
15	8	8	441	283	15	10	1280	204	169	261	1640	270
16	8	14	515	186	12	10	1300	190	147	266	1630	215
17	8	9	515	133	10	10	1270	219	110	266	1630	215
18	8	8	508	100	10	9	1250	204	113	288	1780	215
19	7	8	515	200	11	9	1240	207	110	441	1950	215
20	7	8	515	290	9	7	1240	196	108	1350	1930	211
21	7	8	522	200	9	7	1240	193	106	1790	1900	228
22	8	9	460	35	8	7	1240	200	104	1830	1910	228
23	8	9	488	21	8	7	1240	207	106	1900	1910	215
24	7	9	488	18	8	8	1280	312	110	1790	1790	215
25	8	21	488	15	10	8	1280	211	108	1790	1610	228
26	7	15	501	13	10	11	1310	211	108	1510	1370	228
27	7	10	488	12	10	10	1310	219	150	1810	979	228
28	7	9	381	12	9	10	1310	307	359	1810	902	215
29	7	9	211	12	—	10	1310	359	376	1860	880	211
30	8	10	169	12	—	10	1310	387	376	1910	880	236
31	7	—	113	12	—	9	—	387	—	1930	870	—
Mean	8	9	268	111	24	9	764	337	246	881	1653	368
Max.	10	21	522	317	131	18	1310	1310	392	1930	2060	830
Min.	7	7	5	12	8	6	9	179	104	244	870	211
A. F.	485	524	16470	6840	1310	561	45450	20690	14640	54180	101600	21910

Total acre-feet 284720.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT SUTHERLAND
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	51	86	160	264	120	74	98	1160	102	210	1360	520
2	43	86	140	190	150	55	106	1140	89	210	1350	488
3	39	86	160	150	150	80	98	1110	95	247	1340	528
4	39	86	140	170	150	80	86	908	83	236	1360	765
5	39	83	130	170	160	80	77	442	55	205	1530	587
6	39	83	120	160	140	80	89	353	68	180	1740	552
7	39	86	120	130	150	80	304	280	98	175	1700	480
8	39	86	140	130	150	80	428	242	148	166	1690	406
9	39	86	150	140	150	80	450	247	162	205	1530	316
10	37	86	150	160	160	80	458	247	258	170	1430	258
11	46	86	170	170	150	80	528	180	230	134	1270	247
12	51	83	270	180	220	80	512	180	258	120	1170	215
13	51	83	330	220	350	200	360	148	269	98	1170	144
14	58	83	450	320	260	157	775	134	1210	83	1180	126
15	102	86	496	220	160	106	1030	195	707	83	1180	123
16	98	83	552	170	140	80	1260	242	372	120	1160	109
17	86	83	578	110	140	120	1280	230	304	126	1160	95
18	74	89	578	130	130	120	1270	252	258	195	1160	68
19	68	83	578	230	126	120	1320	190	215	170	1160	68
20	74	80	650	300	126	120	1400	148	185	185	1350	46
21	71	95	660	260	123	120	1400	112	175	716	1360	33
22	74	120	623	220	123	120	1400	95	162	1130	1320	32
23	83	160	578	190	120	120	1400	86	139	1770	1320	39
24	74	140	596	200	123	166	1340	77	134	1740	1400	53
25	71	110	596	180	106	139	1340	92	120	1490	1350	48
26	77	110	587	150	106	123	1280	51	102	1380	1230	37
27	80	120	641	140	109	120	1280	21	89	1310	940	24
28	80	170	785	150	102	120	1230	10	77	1280	641	17
29	83	140	688	150	—	120	1210	10	112	1210	578	13
30	86	170	420	140	—	120	1230	39	190	1170	578	16
31	86	—	340	130	—	109	—	95	—	1310	596	—
Mean	64	101	406	181	150	107	835	281	216	575	1234	215
Max.	102	170	785	320	350	200	1400	1160	1210	1770	1740	765
Min.	37	80	120	110	102	55	77	10	55	83	578	13
A. F.	3920	6010	24940	11160	8320	6600	49660	17290	12330	35350	75850	12800

Total acre-feet 264730.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	322	297	330	610	380	350	288	1680	245	360	1460	680
2	314	306	300	530	420	346	288	1630	214	332	1540	620
3	314	314	270	350	470	280	270	1610	198	370	1430	633
4	297	341	340	270	450	210	279	1490	237	390	1440	862
5	306	323	350	370	450	170	253	1070	222	306	1540	1010
6	297	314	310	420	400	270	245	608	261	222	1610	836
7	288	314	290	350	400	240	350	472	323	222	1700	719
8	288	314	350	360	350	309	572	390	360	288	1800	584
9	279	332	340	320	260	350	914	390	350	297	1730	527
10	297	323	410	400	270	320	1140	494	608	350	1580	420
11	279	323	450	400	270	310	1440	390	538	229	1420	390
12	279	323	480	400	280	630	1410	400	549	175	1330	410
13	261	323	620	470	520	632	862	400	572	148	1230	390
14	279	341	875	730	790	440	745	360	1330	122	1200	369
15	297	332	1110	730	620	370	1290	420	2160	98	1250	332
16	370	350	1120	530	410	360	1610	483	1050	148	1180	332
17	360	380	1080	440	410	320	1860	440	608	169	1140	350
18	350	390	1050	250	314	270	1800	472	450	198	1140	341
19	314	390	922	320	332	270	1750	386	360	245	1100	288
20	314	390	780	410	350	480	1660	360	332	155	1110	288
21	314	400	830	300	350	660	1660	314	288	223	1360	237
22	314	400	880	280	360	740	1680	297	297	620	1390	296
23	323	380	940	220	380	686	1680	396	288	1230	1370	198
24	306	461	740	230	380	505	1680	396	253	1780	1370	296
25	288	461	820	240	373	400	1790	270	237	1780	1480	270
26	279	400	750	260	370	314	1730	229	214	1540	1370	253
27	297	410	760	270	380	314	1730	128	162	1420	1230	222
28	323	380	1190	330	380	373	1730	98	142	1390	954	229
29	323	314	1200	390	.....	323	1730	98	135	1310	758	237
30	323	280	1190	390	.....	332	1680	135	261	1260	758	270
31	314	.....	670	380	.....	288	.....	245	.....	1330	732	.....
Mean	307	354	698	388	397	380	1201	528	441	604	1315	425
Max.	370	461	1200	730	790	740	1860	1650	2160	1780	1800	1010
Min.	261	280	270	220	260	170	245	98	135	98	732	198
A. F.	18860	21040	42900	23840	22050	23390	71460	32470	26270	37120	80850	25310

Total acre-feet 425560.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	346	428	425	1020	1360	593	776	189	1470	106	15	22
2	353	426	424	1030	1340	468	733	164	1150	93	15	22
3	360	427	426	1040	1280	406	651	142	1060	116	17	22
4	354	419	451	1040	1210	526	571	129	1340	136	16	22
5	360	419	488	1100	1080	576	509	119	1640	96	18	22
6	366	422	494	1190	950	545	469	102	1690	90	18	23
7	390	414	568	1250	901	594	436	102	1800	80	18	22
8	422	413	594	1220	884	674	360	194	1850	70	17	22
9	421	417	646	1290	851	778	297	108	1510	97	17	23
10	417	423	715	1190	1080	878	285	104	1300	88	18	23
11	414	420	778	1180	1160	1330	284	94	952	76	17	23
12	407	415	804	1190	874	1790	315	88	733	70	17	22
13	424	411	833	1220	756	1610	339	88	610	58	18	22
14	453	414	854	1210	702	1320	364	82	741	50	25	24
15	440	420	890	1150	666	1220	472	89	951	56	32	97
16	456	423	880	1040	652	1140	615	93	1040	58	33	28
17	485	416	833	691	646	1100	674	118	996	56	30	29
18	491	421	771	471	620	1070	708	198	910	53	28	24
19	499	421	782	481	609	1060	743	292	832	50	26	22
20	455	420	777	534	583	1020	736	355	723	42	24	21
21	461	423	730	712	509	988	662	406	590	40	23	18
22	479	416	692	960	509	981	559	433	499	37	23	18
23	489	414	695	1330	551	964	518	511	393	33	21	24
24	478	420	764	1510	588	941	437	679	321	28	22	19
25	464	421	832	1510	612	927	371	957	241	25	22	22
26	463	418	883	1260	625	916	329	1120	190	22	21	22
27	454	420	848	1070	631	893	308	1360	146	20	21	22
28	446	420	860	929	625	872	279	1630	132	17	20	22
29	442	398	878	887	.....	865	257	1890	125	16	20	27
30	439	422	930	857	.....	849	219	2030	115	16	20	28
31	428	.....	1010	1150	.....	819	.....	1810	.....	15	22	.....
Mean	431	419	728	1052	816	926	476	503	868	59	21	23
Max.	499	428	1010	1510	1360	1790	776	2030	1850	136	33	29
Min.	346	398	424	471	509	406	219	82	115	15	15	18
A. F.	26490	24910	44740	64700	45340	56950	28320	30910	51670	3610	1300	1370

Total acre-feet 380310.

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT PAXTON
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	216	441	354	960	740	570	881	275	1670	185	29	10
2	233	428	365	990	770	540	836	260	1510	166	28	9
3	245	421	384	1010	980	482	818	242	1250	156	26	13
4	260	441	390	1030	1300	450	773	221	1010	143	25	26
5	270	434	390	1090	1500	400	686	204	1000	143	28	18
6	280	434	396	1170	1360	370	630	179	1180	143	26	17
7	285	434	448	1260	1300	350	585	162	1370	129	24	15
8	290	434	462	1350	1120	400	540	153	1550	120	22	14
9	300	441	504	1430	820	380	533	159	1610	110	20	14
10	321	434	533	1340	680	310	489	166	1560	110	19	13
11	337	434	608	1370	780	400	441	159	1460	105	18	13
12	342	428	646	1290	880	380	475	140	1170	103	16	12
13	371	421	662	1290	840	580	482	126	1020	99	15	12
14	414	428	686	1310	780	1250	441	118	1310	92	14	11
15	441	428	746	1330	728	1130	441	118	1110	90	13	11
16	448	434	791	1230	686	990	462	118	1000	86	12	10
17	448	428	809	881	654	920	533	123	1000	86	11	10
18	455	434	764	350	630	930	646	137	930	88	11	9
19	462	434	710	330	608	980	719	140	827	77	10	9
20	462	414	694	230	585	1040	755	166	782	64	10	9
21	468	421	702	330	570	1060	800	225	710	54	10	9
22	475	414	670	360	548	1060	782	290	646	54	10	9
23	468	414	638	370	504	1060	710	348	532	134	10	9
24	475	421	608	400	526	1060	646	390	548	66	10	10
25	489	421	638	450	540	1040	600	455	482	52	10	10
26	489	414	694	540	548	1020	526	578	402	44	10	10
27	482	408	686	640	570	1000	455	800	348	41	10	9
28	475	408	827	800	578	940	371	1040	260	38	10	10
29	468	396	872	830	---	940	332	1280	212	35	10	10
30	462	414	845	840	---	930	300	1510	194	32	10	10
31	462	---	910	790	---	910	---	1690	---	30	11	---
Mean	390	426	628	892	790	770	500	386	957	93	16	12
Max.	489	441	910	1430	1500	1250	881	1690	1670	186	29	26
Min.	216	396	365	230	504	310	300	118	194	30	10	9
A. F.	23990	25300	38600	54840	43880	47350	35080	23750	56950	5700	968	696

Total acre-feet 357104.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	274	538	515	873	790	701	855	397	1390	328	112	65
2	282	527	498	900	800	709	864	378	1390	300	108	64
3	297	504	509	900	1180	701	864	369	1280	290	101	65
4	309	504	527	900	1250	717	792	356	1090	270	97	74
5	317	515	521	927	1300	620	741	342	954	241	108	97
6	330	515	521	953	1380	460	749	290	1020	218	108	85
7	334	509	515	981	1400	460	725	263	1220	223	108	82
8	334	504	570	1030	1340	480	636	253	1390	228	108	80
9	342	492	589	1050	1240	490	643	253	1400	218	103	79
10	356	492	636	1040	954	440	701	249	1550	214	99	78
11	369	492	615	1029	792	410	765	239	1480	201	97	78
12	378	492	629	1050	801	430	828	236	1450	193	93	76
13	392	492	664	1040	927	560	801	232	1340	185	89	76
14	392	492	701	999	1080	1200	733	226	1590	177	84	73
15	422	498	733	981	1060	1210	671	232	1640	169	84	70
16	450	492	757	981	1010	1070	615	239	1370	169	79	79
17	486	481	783	510	936	1030	582	239	1200	165	78	76
18	498	486	819	270	837	800	602	246	1100	169	74	76
19	501	470	792	250	801	800	678	260	1020	181	72	76
20	509	470	774	340	757	960	725	256	972	177	68	76
21	509	470	757	340	741	1000	733	260	909	173	69	76
22	515	498	765	380	757	1000	733	301	819	165	69	76
23	521	521	765	400	749	1000	774	356	725	193	61	76
24	521	509	792	410	741	1000	783	407	671	246	62	74
25	527	504	783	400	725	981	749	481	629	232	65	74
26	544	481	774	650	725	954	650	521	570	205	63	73
27	570	486	774	750	717	936	576	602	492	177	63	72
28	563	492	774	770	725	909	570	749	417	151	63	73
29	544	527	846	800	---	882	492	873	378	128	63	73
30	544	533	810	770	---	873	442	1040	346	115	66	76
31	538	---	828	770	---	873	---	1200	---	120	65	---
Mean	435	500	688	756	947	795	702	338	1060	201	83	76
Max.	570	538	846	1050	1400	1210	864	1200	1640	328	112	97
Min.	274	470	498	250	717	410	442	226	346	115	61	64
A. F.	26740	29720	42320	46500	52590	48900	41800	24490	63080	12340	5120	4500

Total acre-feet 368100.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT BRADY
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	122	100	200	1060	117	166	874	293	76	955	125
2	104	120	120	120	1150	110	158	898	187	134	955	101
3	102	113	130	160	1050	110	140	562	110	154	955	113
4	97	110	140	170	1150	100	138	823	79	116	955	181
5	97	110	130	130	1020	100	131	828	67	95	1150	244
6	88	122	130	140	900	140	123	495	67	84	1110	130
7	88	126	130	160	850	150	124	313	86	84	1210	125
8	83	131	130	230	800	150	127	226	88	95	1260	123
9	80	131	130	210	600	160	223	172	101	95	1200	121
10	80	131	130	220	420	140	415	141	102	91	1180	102
11	80	131	120	210	500	120	1040	132	250	87	1110	94
12	80	131	260	210	580	140	1660	143	238	81	971	97
13	79	131	240	210	520	200	1240	117	703	72	847	99
14	80	132	250	250	510	430	833	108	871	67	742	87
15	80	134	440	240	490	200	725	113	1840	62	708	84
16	81	134	740	190	440	600	846	115	1830	72	685	83
17	83	132	750	160	400	480	1100	100	645	65	705	84
18	83	131	690	130	300	600	1320	91	264	74	602	83
19	83	132	710	120	310	480	1310	107	185	72	581	94
20	87	131	460	120	314	440	1500	102	130	70	535	84
21	85	126	490	130	255	560	1360	89	112	62	536	75
22	85	130	510	140	248	740	1360	83	94	104	660	73
23	85	130	530	150	227	820	1200	82	81	331	659	68
24	85	140	510	190	204	660	1110	87	76	535	696	69
25	90	141	490	190	184	570	964	105	72	833	738	67
26	125	134	270	300	166	574	787	103	58	919	722	67
27	125	132	450	580	172	374	878	105	54	956	692	66
28	126	102	360	880	136	217	818	94	53	955	650	67
29	126	86	380	950	----	202	840	96	50	930	510	68
30	130	100	410	1000	----	164	934	91	56	929	500	69
31	130	----	320	1000	----	184	----	182	----	955	213	----
Mean	95	125	344	294	537	324	786	245	294	300	809	98
Max.	130	141	750	1000	1150	820	1660	898	1840	956	1260	244
Min.	79	86	100	120	136	100	123	83	50	62	213	66
A. F.	5820	7450	21120	18920	29840	19900	46770	15040	17500	18460	49730	5840

Total acre-feet 255560.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT COZAD
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	172	157	70	310	1090	140	257	626	197	100	134	19
2	155	176	85	140	1000	120	226	613	166	97	135	13
3	151	152	100	160	1000	100	210	561	73	215	127	62
4	149	125	180	170	950	120	186	347	20	190	133	581
5	123	115	200	120	960	100	170	364	18	153	235	283
6	127	103	120	120	900	150	155	374	56	105	352	204
7	124	118	130	170	850	160	164	245	186	81	298	159
8	121	127	130	210	860	160	176	181	223	83	404	162
9	121	148	120	210	600	179	228	162	138	71	365	159
10	119	156	130	210	420	150	376	183	158	72	255	150
11	103	154	130	210	520	220	1280	189	263	56	62	130
12	94	160	260	210	580	240	1460	221	498	34	19	113
13	94	166	220	210	600	250	1370	227	843	13	12	104
14	113	165	210	250	550	240	896	215	950	8	10	110
15	114	173	220	240	510	240	685	264	833	8	20	96
16	114	173	360	220	450	530	626	254	1820	12	42	81
17	114	162	1280	170	410	540	684	264	1300	36	42	71
18	108	158	1390	130	350	550	853	318	471	16	42	67
19	111	161	770	120	370	570	1010	261	232	12	18	65
20	116	160	540	140	380	470	1020	287	178	28	18	65
21	92	140	570	200	309	400	1230	287	122	118	19	61
22	95	110	570	170	265	490	1130	428	85	68	30	58
23	94	140	560	170	251	890	1170	198	69	15	71	56
24	94	170	560	180	229	790	1110	145	37	10	36	56
25	105	200	590	200	208	640	915	123	25	8	17	55
26	120	160	460	430	188	667	745	117	22	96	20	59
27	150	160	520	660	180	577	670	88	42	87	22	57
28	154	140	210	760	160	487	680	63	1440	117	16	57
29	153	126	280	920	----	410	597	39	266	111	17	58
30	154	80	280	1030	----	343	545	29	134	63	85	61
31	157	----	450	1100	----	246	----	75	----	129	42	----
Mean	123	148	380	308	541	360	694	250	364	71	100	109
Max.	172	200	1396	1100	1090	890	1460	626	1820	215	404	581
Min.	92	90	70	120	160	100	155	29	18	8	10	13
A. F.	7570	8820	23400	18920	30030	22140	41320	15370	21670	4390	6140	6490

Total acre-feet 206260.

BUREAU OF IRRIGATION

473

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT OVERTON
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	458	824	1500	2130	2110	1550	1700	2250	1340	272	310	35
2	516	950	1610	2040	2200	1920	1760	1910	1670	190	300	27
3	538	866	1330	1650	1800	1800	1740	2350	1180	538	310	217
4	550	1210	1590	1570	2390	1580	1480	2300	742	527	385	1480
5	504	1120	1380	1720	2460	1680	1590	1720	1060	415	345	838
6	504	950	1070	1670	2390	1610	1389	1740	936	365	365	650
7	481	935	1570	1720	2050	1680	1690	1760	1070	326	395	588
8	446	375	1350	1910	2360	1580	1720	1570	1240	231	435	588
9	375	796	1260	1720	2130	1610	1480	1210	1080	231	415	575
10	395	770	1310	1500	1780	1430	1890	1260	908	197	425	550
11	405	385	1210	1690	2310	940	2830	1180	1400	111	326	600
12	385	190	894	2020	2140	1610	3280	1260	1260	81	217	866
13	326	190	446	1810	1700	1410	3060	1260	1520	63	183	308
14	729	335	1010	1910	1700	575	2720	1200	2500	42	164	562
15	600	128	1310	1820	1700	1200	2230	1160	2450	46	176	470
16	756	588	1760	1610	1700	1630	2200	796	1980	60	170	481
17	308	550	1980	1600	1700	1540	2690	742	2640	30	183	415
18	140	527	2500	1600	1700	1720	1590	1230	1800	40	176	385
19	183	756	2500	1600	1700	1670	2420	1280	1560	50	183	96
20	716	1010	2280	1600	1700	1570	2610	1280	1340	50	190	39
21	729	675	2200	1600	1700	1330	2640	1210	1240	40	204	39
22	1160	355	2300	1600	1700	1610	2890	1210	995	50	204	49
23	1040	675	2300	1600	1700	1720	2690	965	922	70	190	71
24	852	866	2300	1600	1700	2400	2530	1080	742	90	204	154
25	702	1290	2140	1320	1740	2530	2020	1240	716	140	190	168
26	980	1060	1860	1640	1610	2040	2020	1330	625	190	176	162
27	1010	1160	1580	1490	1220	1720	2230	1310	481	200	176	152
28	1010	1060	1430	1690	450	1570	2320	1240	516	230	140	158
29	1380	2090	1940	1760	---	1590	2480	1290	960	250	91	231
30	688	1740	1900	1960	---	1520	2280	1310	435	290	91	317
31	824	---	2110	1720	---	1430	---	880	---	310	56	---
Mean	635	814	1677	1705	1841	1605	2185	1722	1243	184	238	394
Max.	1380	2090	2500	2130	2460	2530	3280	2350	2640	538	435	1480
Min.	140	128	446	1320	450	575	1380	742	435	30	56	27
A. F.	39050	48450	103100	104900	102200	98710	130000	84340	73980	11340	14630	23470

Total acre-feet 834170.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ODESSA
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	176	625	1320	1760	1800	610	1020	1600	563	74	0	0
2	185	486	1240	1750	1800	1850	1230	1640	1040	15	0	0
3	185	548	1410	1580	1700	1640	1230	1420	1120	1930	5	0
4	167	695	1080	1440	2300	1670	1400	1750	516	3380	30	256
5	158	956	1170	1620	2400	1650	898	1700	376	2020	67	1150
6	148	730	1060	1850	2300	1650	1100	1370	800	782	26	625
7	200	712	1030	1650	2200	1650	936	1520	730	594	3	335
8	200	532	1340	1740	1840	1540	1260	1350	1080	486	95	256
9	200	158	930	1720	1870	1590	1210	1260	1040	402	102	194
10	200	348	1330	1520	1700	1420	1370	955	782	470	43	139
11	200	443	1060	1660	1550	1260	4230	858	878	312	47	130
12	60	34	1090	1880	1600	970	3820	1280	1040	43	43	290
13	176	7	966	1580	1600	1380	3260	1100	1470	15	38	532
14	430	0	600	1810	1600	1220	2490	1060	3710	14	8	765
15	402	2	1060	1610	1600	443	2020	1190	3220	10	0	578
16	430	0	1600	1340	1600	1310	1750	1040	2370	21	0	456
17	443	245	1800	1430	1600	1550	1570	578	2370	10	0	301
18	158	109	1760	1370	1600	1500	1540	820	1990	5	0	67
19	51	81	2180	1450	1600	1680	1350	1150	1230	2	0	51
20	88	563	2170	1450	1600	1440	2310	1120	1040	0	0	15
21	245	898	2100	1450	1600	1180	2220	1040	748	0	0	8
22	430	578	2206	1450	1600	1980	2680	1040	782	0	0	7
23	748	416	2270	1450	1600	2100	2370	976	660	0	0	5
24	501	456	2060	1450	1600	1620	2340	594	430	0	0	8
25	485	858	1710	1450	1500	2020	2020	917	402	0	0	2
26	348	858	1470	1230	1600	2070	1700	936	335	0	0	2
27	625	594	1380	1300	1350	1670	1600	917	233	0	0	2
28	610	917	1060	1270	858	1420	1700	782	95	2	0	2
29	375	1190	1460	1650	---	1210	1880	839	362	0	0	2
30	1040	1620	1880	1650	---	1400	1750	898	610	0	0	10
31	470	---	1930	1650	---	1260	---	878	---	0	0	---
Mean	346	522	1475	1555	1699	1482	1875	1115	1067	361	16	206
Max.	1040	1620	2270	1880	2400	2130	4230	1750	3710	3980	102	1150
Min.	51	0	600	1230	858	443	898	578	95	0	0	0
A. F.	21290	31060	90660	95620	94350	91150	111600	68590	63510	22190	1010	12260

Total acre-feet 703290.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT GRAND ISLAND
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	525	822	580	1900	1580	1150	1310	1780	1200	350	0	0
2	510	682	540	2130	1860	530	1220	1780	1250	550	0	0
3	425	822	820	1880	2180	770	1430	1800	952	1290	0	0
4	374	878	840	1480	2500	750	1360	1670	1430	2460	0	0
5	361	803	1100	1410	2530	1300	1310	1620	1360	4510	5	0
6	386	878	1120	1330	2620	1560	1220	1600	1030	3920	20	0
7	361	952	1060	1480	2910	1170	1120	1520	1200	2250	30	0
8	302	896	1090	1510	3040	1300	1200	1480	1780	1160	40	0
9	273	846	950	1480	3060	1380	1140	1720	1480	806	45	18
10	234	690	1090	1730	2460	1630	1700	1800	1750	584	39	12
11	234	510	1080	2040	2360	1670	2300	1600	1820	412	87	0
12	224	481	980	1970	2120	1740	2200	1360	1140	263	38	0
13	216	495	1216	1820	2180	1850	4606	1450	1250	183	78	6
14	191	495	1230	2020	2430	1430	3500	1600	1250	114	59	0
15	150	451	1240	2340	2260	710	2970	1570	2550	73	20	0
16	199	386	1070	3080	2036	220	2580	1670	3810	47	0	85
17	374	374	1200	2550	1860	195	1990	1550	2800	39	0	92
18	386	292	1530	1240	1990	150	1780	1250	1990	27	0	22
19	425	216	1660	680	2390	185	1670	766	2080	16	0	13
20	312	216	1580	450	2320	360	1310	1220	1570	10	0	27
21	175	350	1190	370	2540	670	1780	1340	1160	2	0	27
22	136	466	1870	408	2470	1640	2080	1360	1010	0	0	4
23	234	570	1876	520	1580	2950	2150	1150	803	0	0	0
24	309	648	1890	790	1730	2620	2270	1160	803	0	0	0
25	599	540	1850	1220	1950	2220	2240	1010	666	0	0	0
26	555	525	1840	1300	1870	2280	2210	716	569	0	0	0
27	584	600	1290	1130	1970	2550	1670	895	466	0	0	0
28	529	670	990	1130	1540	2256	1620	1140	350	0	0	0
29	666	490	650	1310	-----	2080	1560	1510	250	0	0	0
30	622	460	1250	1300	-----	1760	1480	1270	200	0	0	0
31	850	-----	1420	1370	-----	1340	-----	1250	-----	0	0	-----
Mean	384	582	1248	1463	2233	1338	1912	1401	1333	618	16	19
Max.	850	952	1890	3080	3060	2950	4090	1800	3810	4510	98	92
Min.	136	216	540	370	1540	150	1120	716	200	0	0	0
A. F.	23600	34610	76720	89290	124090	84120	113800	86120	79300	38000	1020	596
Total acre-feet	751875.											

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT DUNCAN
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	510	820	410	1180	1380	1520	1270	1640	872	337	6.0	0.4
2	414	966	260	1370	1420	389	1290	1660	995	196	6.0	.3
3	462	732	180	1530	1730	770	1210	1620	1080	845	6.0	.2
4	443	686	190	1450	2140	670	995	1640	758	1510	5.0	.1
5	388	674	220	1280	2360	980	1100	1590	912	1770	4.0	.1
6	340	674	270	1130	2700	840	1160	1410	1340	3300	4.0	.1
7	371	770	350	1050	2710	650	1120	1740	1230	3770	4.0	.1
8	346	826	480	940	2470	590	1020	1720	1410	2650	3.0	.1
9	280	966	560	1260	2620	630	1270	1570	1910	2190	3.0	.1
10	274	886	550	1500	2510	540	1210	1660	1620	1870	2.0	.1
11	258	872	510	1590	2440	540	1870	1700	1640	1150	2.0	.2
12	236	708	570	1940	2360	940	2320	1740	1920	708	2.0	.2
13	216	574	550	2090	1960	1190	3150	1460	2040	396	2.0	.2
14	293	574	540	1860	1740	920	4090	1310	1640	297	2.0	.2
15	196	628	740	1810	1890	940	3740	1320	2320	183	1.0	.2
16	183	554	910	1820	2230	480	2020	1310	2670	189	.9	.2
17	203	414	1050	1610	2090	180	2580	1310	3880	99	.7	.2
18	274	371	970	1130	2110	210	2120	1280	3170	67	.9	.2
19	374	346	1000	610	2210	130	1810	1230	2610	53	.9	.1
20	434	207	1140	350	2640	150	1660	980	2390	30	1.0	.1
21	452	380	1370	340	3350	270	1500	926	1940	64	2.0	.1
22	346	414	1400	390	4010	730	1190	1100	1380	76	2.0	.1
23	266	362	1590	440	3920	3460	1960	1160	953	67	2.0	.2
24	230	490	1620	550	3460	3680	1960	1160	953	67	2.0	.1
25	288	795	1640	730	2326	2900	2140	1150	808	30	2.0	.2
26	532	732	1790	920	2160	2540	2260	1190	616	17	2.0	.3
27	732	662	1890	1120	2410	2280	2160	926	490	18	.7	.3
28	697	594	1590	1360	2390	2350	1870	782	388	10	.8	.3
29	662	510	1280	1410	-----	2220	1620	940	305	8	1.0	.3
30	697	450	1050	1300	-----	1890	1460	953	328	7	1.0	.2
31	808	-----	810	1410	-----	1530	-----	899	-----	6	.7	-----
Mean	304	629	886	1205	2419	1226	1868	1326	1491	707	2.3	.2
Max.	808	966	1890	2000	4010	4520	4090	1740	3880	3770	6.0	.4
Min.	183	297	180	340	1380	130	995	782	305	6	.7	.1
A. F.	24250	37420	54510	74120	134300	75410	111100	81550	88730	43440	144.0	11.0
Total acre-feet	724885.											

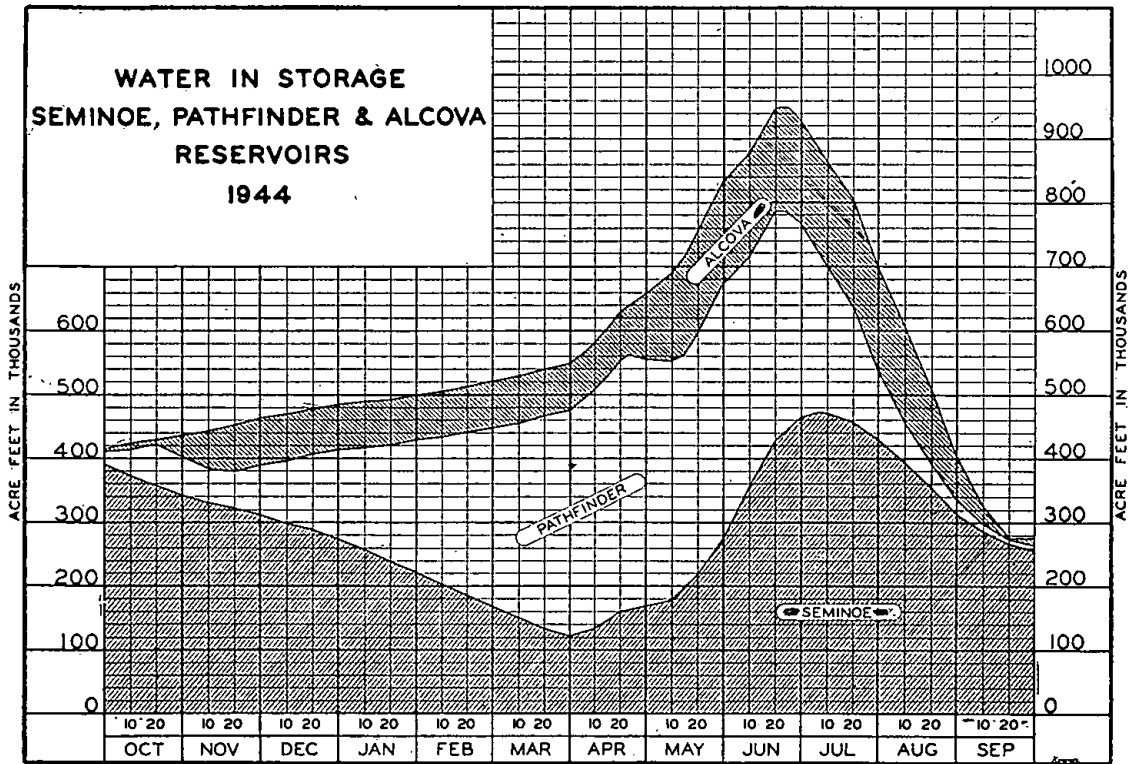
BUREAU OF IRRIGATION

475

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ASHLAND
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3190	3030	1200	3700	2700	5200	4690	4090	4060	2780	2370	976
2	3140	3140	2000	3500	3000	4000	4220	4030	4180	3000	1730	1220
3	2810	3030	1700	3200	4700	2800	4060	4000	8416	3420	1570	1220
4	3000	3810	1500	2950	7600	2100	4520	3190	5540	7570	2200	1326
5	2860	3370	1300	3400	15400	1800	4180	4150	5850	15800	2040	1290
6	2810	2970	1300	3800	20000	1700	4060	4830	4690	9520	1570	1090
7	2890	3000	1300	3500	33600	1600	4250	4280	4150	9260	1460	1400
8	2810	3250	1300	3200	19200	1800	4220	3370	4090	9150	1420	2800
9	2780	3370	1500	2500	8500	2200	3900	3750	4550	7350	1240	2500
10	2920	3510	1900	2100	6700	2800	4900	3630	4580	5740	1180	2300
11	2320	3540	2400	2400	5200	3700	4800	3510	6170	4830	976	2100
12	2130	2840	2600	2800	4400	5100	4980	4450	4520	4060	1040	1860
13	2320	3140	2800	3200	4300	5600	8500	4550	12300	3810	1050	1590
14	2730	3140	3000	3500	4300	11800	7660	4410	35000	3720	1020	1470
15	2620	3250	3400	3800	4500	11100	8260	4830	29200	2860	1220	1530
16	2470	3450	3400	3700	4800	9100	7260	5700	35400	2620	875	1530
17	2730	2340	3900	3800	5300	4380	6830	4900	17900	2130	862	1490
18	2810	2420	3500	3400	6000	2500	5330	4660	14200	2060	690	1510
19	2420	2970	3600	3100	6800	1600	6170	4520	10600	2470	652	1450
20	2020	2970	3400	2700	7400	1300	5390	4090	9100	2440	678	1530
21	2890	2700	3400	2400	7300	1700	5130	4220	6880	4120	1120	1440
22	2810	2540	3600	1800	8400	2620	4800	3900	6330	4000	1040	1630
23	3140	2390	3900	1300	7700	4760	4720	3630	5540	5160	1010	1650
24	2670	2490	4100	1200	11100	7750	4220	3750	5200	3190	1090	1690
25	2860	3310	3900	1600	7400	7400	5130	3630	4350	2650	1380	1610
26	2920	2470	3700	890	5800	5890	5240	3450	4380	2340	1040	1306
27	2420	2920	3700	1200	4500	5350	4550	3250	3840	2130	808	1150
28	2840	2370	4600	1500	4300	4940	5050	3110	3690	1820	780	1140
29	3420	2300	3700	1900	-----	4620	4720	2860	3050	1490	976	1510
30	3140	2600	4200	2600	-----	5050	4280	2860	3140	2650	1090	1570
31	2750	-----	4900	2800	-----	4980	-----	5020	-----	3510	904	-----
Mean	2763	2971	2900	2672	8225	4446	5221	4020	9030	4435	1196	1563
Max.	3420	3810	4600	3800	33000	11800	8500	5700	35400	15800	2370	2800
Min.	2020	2300	1200	890	2700	1300	3900	2860	3050	1490	652	976
A. F.	163900	176800	178300	164300	456800	273400	310700	247200	537300	272700	73550	92800

Total acre-feet 2953930.



CONTENTS IN ACRE-FEET, SEMINOE STORAGE RESERVOIR

Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	390660	341340	311610	272340	219170	165490	122350	170540	284250	464510	427250	309910
2	389040	340140	309990	271460	217150	163530	122850	171440	292430	466000	423740	306880
3	387260	338930	308470	270370	215240	161620	123050	172250	301000	467720	420230	304010
4	385760	337820	307120	268490	213250	159740	123540	172950	308990	469950	416550	301710
5	383520	336620	306080	266670	211280	158020	124480	173810	317140	471900	412900	299040
6	381260	335420	305440	264710	209450	156810	125960	174350	325900	472650	409300	296150
7	379120	334320	303770	262640	208300	154910	128310	174730	333310	473000	405750	293120
8	377090	333820	302250	260790	206350	153080	130160	175530	341010	472880	401970	290130
9	375160	332460	300920	258790	204250	151260	132320	176560	348840	472650	398290	287360
10	373500	331110	299510	257510	202160	149510	134850	178150	356160	472650	394470	284930
11	372300	329850	298260	255620	200870	147670	137660	180020	364940	471900	390560	282870
12	370460	328920	297240	253740	198480	146220	139600	182220	373770	471040	386600	281590
13	368740	327990	296690	251780	196470	145470	142110	185540	382380	470060	382660	279930
14	367020	327150	295360	249840	194940	143390	146180	189150	390370	468870	378650	277700
15	365210	326810	293890	247910	192750	141410	151550	193700	398000	467500	374690	275500
16	363580	325780	292670	246130	190910	139840	155060	198990	405460	466000	370640	273510
17	362040	324820	291280	244400	189090	138450	158170	204070	412310	464940	366570	271530
18	360880	323910	289970	242860	187220	136790	159640	209880	418020	462590	362500	270010
19	359450	322830	288900	240910	185420	135160	160700	215010	423840	460350	358470	267900
20	357760	321840	288130	239030	183740	134170	161260	219490	428250	458020	354650	265800
21	356160	321090	286670	237180	182610	132370	162040	224230	432420	455500	350850	263930
22	354650	320480	285290	235360	180820	130610	162760	229840	436700	452760	346910	262710
23	353150	319760	283790	233780	178640	128750	163580	234640	440050	450450	342900	261720
24	351640	318690	282420	232226	176720	127520	164820	239560	444120	448880	339120	260990
25	350680	317630	281290	230820	174830	126400	165440	243190	447320	446500	335250	260550
26	349100	317140	280260	229870	172840	125340	165490	248330	451290	444010	331450	259560
27	347610	316180	280000	227260	171070	125580	165750	253530	454030	441530	327740	259080
28	346110	315020	278730	225530	169700	124550	166220	258150	457180	439050	324160	258440
29	344890	314370	277330	223780	167590	123610	167220	263640	460030	436390	320430	257790
30	343420	313070	275790	222200	-----	-----	168750	269360	462690	433940	316810	256850
31	342210	-----	274030	221060	-----	-----	121930	-----	276290	-----	430690	313240

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CONTENTS IN ACRE-FEET, PATHFINDER STORAGE RESERVOIR

Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19060	58320	78090	140190	208000	282590	356840	384980	394790	294100	100120	19680
2	22060	57890	80540	141710	210490	288160	358750	383470	383310	286350	94960	18320
3	24780	57610	83070	143100	212890	287700	360110	382620	384140	278100	90310	17130
4	26970	57400	85160	145580	215900	290340	362110	381470	379710	270390	85610	15390
5	29790	56620	87060	147960	219500	292660	364480	380340	374800	261930	81130	14490
6	32590	55960	88550	150260	220810	294590	366580	379310	369990	254280	76860	14130
7	35340	55210	90620	152690	222000	297260	368690	377330	365390	247080	72700	13870
8	37920	54010	92800	155100	224630	299800	370540	376110	361930	240220	68730	13720
9	40440	53290	95010	157850	227520	302430	372290	374710	359390	233450	64960	13450
10	43780	52550	97200	158960	230420	305180	373780	373780	360480	225900	61400	12800
11	44530	52360	99300	161340	232760	308000	375740	372750	360390	220770	58010	10720
12	46800	51550	101270	163650	235390	310240	377710	371830	360020	218160	54730	9560
13	49350	50880	102440	166040	237980	312260	379310	370010	356660	215960	51690	8710
14	51520	50130	104500	168320	240150	315430	380810	370260	359480	213710	48790	8240
15	53890	48960	106810	170540	243120	318740	383350	369060	360900	209500	46210	8050
16	56170	48420	109040	172750	245860	321300	385760	368240	360670	204350	43820	7560
17	58230	50410	111100	174290	248530	324060	388200	367870	360750	198460	41650	6940
18	59720	52480	113120	176450	251290	327110	390780	369080	361300	192600	39090	6180
19	61950	54700	115300	178850	253920	329730	392570	372940	361210	185950	38090	6500
20	64400	56920	116700	181080	256620	331580	394830	375740	359390	178900	36550	6340
21	64300	58880	118910	183440	258690	334400	396890	378650	355750	171460	35080	5950
22	63680	60340	120940	185720	261410	337480	397870	380810	351780	164280	33450	6640
23	63170	62590	123100	187880	264020	340240	399790	383470	347550	157350	31360	6780
24	62530	65060	125170	189260	226990	342370	394340	386530	343710	149800	29440	6765
25	61470	66900	127240	191880	269780	344780	392790	389700	339610	143150	27930	5945
26	60960	68550	128520	194250	272790	346650	391620	392310	335190	136300	26380	5790
27	60610	70430	129770	196870	275330	347460	390270	390520	327890	129320	24940	5670
28	60120	72380	131640	199130	277390	349170	388350	397770	320440	128320	23640	5510
29	59840	73920	133510	201630	280020	350970	387870	399990	311990	117060	22490	5280
30	59750	76220	135770	203970	-----	-----	386910	400320	307970	111270	21530	6750
31	59370	-----	137940	205650	-----	-----	354480	-----	398650	-----	105220	20590

Record furnished by the United States Bureau of Reclamation.

REPORT OF THE STATE ENGINEER

CONTENTS IN ACRE-FEET, ALCOVA RESERVOIR
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5890	36360	73070	72800	72890	73050	73300	108210	161170	162400	162440	66460
2	5960	38830	73080	72800	72910	73050	73330	111580	161420	162560	161310	62510
3	6020	40960	73070	72800	72910	73050	73360	114960	161260	162670	158860	58360
4	6080	43450	73060	72830	72910	73050	73410	118400	161040	162690	158340	54170
5	6140	45940	73020	72830	72930	73070	73460	121740	160790	162600	156440	49820
6	6200	48430	73000	72830	72930	73070	73490	125160	160840	162470	154360	45520
7	6240	50850	72990	72850	72940	73070	73490	128550	160830	162560	152560	41300
8	6300	53260	72970	72850	72940	73070	73510	131860	161260	162670	151070	37210
9	6350	55700	72960	72850	72940	73070	73520	135210	161280	162760	149480	33240
10	6410	58130	72940	72850	72960	73070	73540	138580	161260	162800	147660	29420
11	6460	60600	72910	72850	72960	73070	73540	141910	161220	163360	145510	25620
12	6510	63060	72910	72850	72960	73070	73540	145230	161200	163880	143000	21760
13	6560	65550	72890	72850	72960	73070	73540	148530	161060	164190	140430	18060
14	6610	68080	72880	72830	72960	73070	73550	151860	160970	164460	137540	14660
15	6660	70630	72860	72830	72960	73070	73550	155130	161110	164680	134540	11500
16	6690	73150	72840	72830	72960	73080	73550	158420	161170	164960	131390	8740
17	6730	75660	72850	72830	72970	73110	73550	161730	161260	165200	127960	6470
18	6770	78180	72850	72830	72970	73150	73550	165080	161330	165410	124360	4630
19	6820	80700	72830	72820	72970	73180	73550	168360	161420	165650	120920	4460
20	6860	83200	72820	72820	72970	73210	73550	171660	161510	165800	115710	3110
21	6860	85700	72830	72820	72970	73220	73600	174980	161460	164730	111090	3960
22	11320	73330	72830	72820	72970	73240	76290	163140	161460	164550	106610	4070
23	13950	73300	72820	72820	72970	73240	79070	163050	161370	164280	103000	4490
24	16560	73290	72800	72830	72990	73240	83590	162940	161360	163740	99230	5040
25	19160	73260	72800	72860	73000	73260	87090	162850	161260	163050	95420	6130
26	21680	73210	72820	72880	73040	73260	90580	162760	161280	162850	91470	7220
27	24110	73160	72830	72890	73050	73260	94060	162690	161080	162740	87460	8300
28	26520	73180	72820	72890	73050	73260	97620	162620	161040	162880	83360	9440
29	28940	73100	72800	72890	73050	73260	101210	162580	161200	163070	79270	10630
30	31440	73070	72800	72890	.....	73260	104750	162510	161840	163000	74990	11160
31	33910	.....	72800	72890	.....	73260	.....	162090	.....	162860	70800	.....

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF ALCOVA RESERVOIR
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	17	3	5	3	3	3	3	3	3330	5140	4680	4310
2	11	3	5	3	3	3	3	3	3980	4850	4970	4250
3	11	3	5	3	3	3	3	3	4090	4830	5050	4200
4	11	3	5	3	3	3	3	3	4090	4850	5010	4130
5	11	3	3	3	3	3	3	3	4090	4860	5050	4050
6	11	3	3	3	3	3	3	3	4070	4860	5100	3980
7	11	3	3	3	3	3	3	3	4070	4580	4880	3910
8	11	3	3	3	3	3	3	3	3570	4540	4680	3820
9	11	3	3	3	3	3	3	3	2580	4580	4630	3740
10	11	3	3	3	3	3	3	3	1630	4580	4670	3620
11	11	3	3	3	3	3	3	3	1560	3590	4680	3520
12	11	3	3	3	3	3	3	3	1560	2650	4790	3390
13	11	3	3	3	3	3	3	3	1560	2560	4790	3270
14	11	3	3	3	3	3	3	3	1560	2580	4830	3130
15	11	3	3	3	3	3	3	3	1080	3470	4810	2360
16	11	3	3	3	3	3	3	3	1030	4000	4790	2780
17	11	3	3	3	3	3	3	3	1030	4040	4790	2580
18	11	3	3	3	3	3	3	3	1030	4540	4810	2350
19	11	3	3	3	3	3	3	3	1040	5140	5050	1160
20	11	3	3	3	3	3	3	3	1780	5460	4990	1550
21	3	3	3	3	3	3	3	3	3000	5500	5050	1220
22	3	3	3	3	3	3	3	3	3100	5460	4940	555
23	3	3	3	3	3	3	3	3	4680	38	4650	35
24	3	3	3	3	3	3	3	3	3110	5500	4590	36
25	3	3	3	3	3	3	3	3	3110	5440	3110	5440
26	3	3	3	3	3	3	3	3	3110	5120	4790	375
27	3	3	3	3	3	3	3	3	4430	5010	4720	310
28	3	3	3	3	3	3	3	3	4580	4740	4540	38
29	3	3	3	3	3	3	3	3	5030	4720	4470	3
30	3	3	3	3	3	3	3	1160	5100	4720	4430	3
31	3	3	3	3	3	3	3	2160	.....	4720	4380	.....
Mean	8	3	3	3	3	3	3	110	2880	4583	4784	2310
Max.	17	3	5	3	3	3	3	2160	5100	5500	5100	4310
Min.	3	3	3	3	3	3	3	3	1030	2560	4380	3
A. F.	510	180	200	190	170	190	180	6760	171390	281800	294130	137480

Total acre-feet 893180.

Record furnished by the United States Bureau of Reclamation.

BUREAU OF IRRIGATION

479

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
INFLOW OF GUERNSEY RESERVOIR
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	600	237	169	112	164	189	346	2090	1060	4610	4570	4410
2	576	119	199	172	181	210	548	2300	927	4730	4570	4339
3	505	210	245	155	156	240	518	1940	2660	4770	4590	4246
4	465	205	281	132	156	232	343	1710	3820	4710	4780	4280
5	450	195	248	138	156	227	336	1190	4090	5490	4950	4230
6	399	220	228	134	181	227	412	1660	4190	5370	4960	4120
7	293	216	250	135	176	232	442	1350	4240	4790	5100	4050
8	319	217	219	120	217	171	725	1560	4200	4620	5140	4020
9	238	200	142	125	383	255	800	1980	4090	4410	4940	3940
10	273	202	87	126	262	275	820	1890	3780	4580	4740	3800
11	248	221	71	146	222	280	669	1840	3160	4350	4590	3690
12	303	227	110	123	232	280	591	2330	2770	4240	4570	3620
13	212	227	101	134	192	275	581	2450	2730	3660	4630	3530
14	258	194	127	128	197	169	566	2560	2060	3019	4700	3450
15	263	215	153	139	192	159	586	2600	2010	2990	4700	3310
16	273	202	179	148	156	104	808	2570	1929	2460	4740	3120
17	258	189	131	129	165	224	1070	2450	1820	2700	4630	3000
18	243	194	201	148	165	256	1070	2300	1420	3380	4640	2870
19	263	219	175	137	150	205	906	2280	1310	3540	4790	2680
20	237	217	146	143	145	271	740	2850	1290	3870	4690	2580
21	217	174	179	138	150	231	699	4050	1280	4580	4940	2330
22	242	184	206	159	160	293	689	3450	1070	5030	4810	1520
23	207	207	160	140	125	318	755	2970	1990	5110	4950	1640
24	227	207	152	141	155	293	795	2590	2840	5150	4840	1480
25	201	222	156	157	170	269	745	2090	2890	5250	4810	1140
26	222	203	156	166	190	248	820	2060	2920	5340	4680	873
27	222	188	147	188	211	246	795	1640	2950	5230	4630	755
28	181	117	142	171	165	174	951	1580	2900	4950	4560	584
29	227	104	142	186	195	204	1140	1470	3660	4830	4530	580
30	302	114	125	153	143	194	1590	1330	4230	4630	4440	551
31	176	---	108	143	---	239	---	1200	---	4570	4410	---
Mean	297	195	166	144	185	232	729	2140	2676	4418	4726	2824
Max.	690	237	281	188	388	318	1590	4050	4240	5490	5140	4410
Min.	176	104	71	112	125	104	336	1190	927	2460	4410	351
A. F.	18290	11600	10190	8860	10660	14260	43370	131560	159230	271640	290560	168070

Total acre-feet. 1138290.
Record furnished by the United States Bureau of Reclamation.

CONTENTS IN ACRE-FEET, GUERNSEY STORAGE RESERVOIR
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10720	26460	27550	29250	28410	37800	36040	28890	24270	21400	18960	24930
2	1810	26310	27630	29310	28720	38170	35330	31660	18670	21580	18460	25480
3	12760	26360	27810	29360	28980	38600	34560	33690	16370	21700	17960	25780
4	13630	26390	28070	29380	29240	39020	33460	35270	16470	21610	17790	25940
5	14470	26390	28280	29420	29500	39430	32330	35830	17490	23020	17920	25940
6	15210	26440	28490	29460	29810	39840	31350	37320	18780	24310	18230	25970
7	15740	26560	28690	29510	30110	40260	39430	38190	20200	24420	18820	26180
8	16380	26570	28800	29530	30490	40560	39090	39480	21950	24090	19480	26440
9	16800	26590	28800	29560	31230	41020	29880	41610	24320	24270	19630	26660
10	17290	26640	28900	29600	31720	41520	29710	43510	26900	25080	19340	26830
11	17730	26710	28950	29640	32060	42030	29240	44380	29020	26250	18760	27220
12	18280	26810	28910	29650	32490	42540	28000	46500	31270	27720	18130	27690
13	18650	26920	28430	29690	32840	43040	27940	46820	33650	28840	17580	28070
14	19110	26980	28430	29710	33200	43330	27250	47190	35040	27560	17180	28330
15	19580	27080	28460	29760	33550	43600	26600	47150	36540	26600	16820	29520
16	20070	27140	28550	29820	33830	43760	26390	46940	37940	24120	16630	30260
17	20530	27190	28550	29850	34110	44120	26710	46780	39170	21690	16440	30900
18	20960	27260	28620	29910	34390	44570	27040	46640	39340	19690	16270	31250
19	21370	27370	28780	29940	34640	44910	27040	46460	38340	17280	16210	31390
20	21790	27460	28820	29990	34880	45280	26710	47420	36670	15150	16280	31450
21	22170	27480	28940	30030	35130	45740	26800	47100	34480	14430	16730	31230
22	22600	27520	29090	30120	35400	46200	25870	47170	31680	14580	16980	29430
23	22960	27500	29150	30180	35660	46640	25570	46460	30150	14870	17420	29310
24	23360	27660	29210	30250	35860	46300	25350	46780	29880	15320	17880	29610
25	23710	27750	29270	30320	36150	45520	25030	46020	29180	16170	18450	26660
26	24100	27820	29330	30400	36480	44230	24860	44930	27810	17370	19290	21290
27	24490	27860	29380	30530	36850	42890	24640	42910	25500	18490	20490	19310
28	24800	27750	29380	30620	37130	41390	24730	40450	22810	19040	21540	17130
29	25200	27630	29380	30700	37470	39950	25200	37570	21310	19470	22580	15670
30	25750	27540	29330	30770	---	38490	26550	34010	20890	19440	23420	15760
31	26050	---	29270	30850	---	37150	---	29410	---	19250	24170	---

Record furnished by the United States Bureau of Reclamation.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
OUTFLOW OF GUERNSEY RESERVOIR

Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35	31	164	122	103	23	906	906	3640	4340	4700	4029
2	26	195	159	142	26	23	906	898	3740	4620	4510	4040
3	26	190	155	130	26	23	906	898	3810	4700	4830	4080
4	26	190	150	122	26	20	898	898	3760	4740	4850	4180
5	26	195	142	118	26	20	906	898	3570	4760	4870	4220
6	26	195	122	114	26	20	906	898	3530	4700	4790	4100
7	26	186	150	110	26	20	906	898	3520	4720	4790	3939
8	26	182	164	110	26	20	906	898	3310	4760	4790	3870
9	26	190	142	110	15	23	906	898	2890	4300	4850	3810
10	26	177	142	106	15	23	906	922	2480	4160	4870	3700
11	26	185	142	126	50	23	906	1090	2080	3740	4870	3480
12	26	177	130	118	15	23	914	1540	1620	3480	4870	3380
13	26	172	126	114	15	23	914	2280	1520	3330	4890	3330
14	26	164	142	118	15	23	914	2350	1340	3390	4890	3160
15	26	168	138	114	15	23	914	2600	1240	3460	4870	2840
16	26	172	134	118	15	23	914	2690	1190	3700	4830	2730
17	26	164	134	114	24	43	906	2520	1180	3910	4720	2660
18	26	159	130	118	24	29	906	2360	1320	4410	4720	2680
19	56	164	130	122	24	34	906	2350	1790	4700	4720	2600
20	26	172	126	118	24	34	906	2350	2110	4940	4640	2540
21	26	164	118	118	24	50	906	4200	2360	4940	4660	2430
22	26	164	130	114	24	61	906	3400	2460	4940	4680	2430
23	26	172	130	110	24	96	906	3310	2740	4960	4720	2430
24	26	172	122	106	24	464	906	2410	2960	4910	4600	2390
25	26	177	126	122	24	662	906	2460	3220	4810	4510	2320
26	26	168	126	126	24	898	906	2600	3590	4720	4240	2060
27	26	168	122	122	24	922	906	2640	4100	4660	4020	1740
28	26	172	142	126	24	930	906	2810	4240	4660	4020	1680
29	26	164	142	126	24	930	906	2910	4410	4660	4000	1310
30	26	159	150	118	—	930	906	3110	4430	4640	4000	506
31	26	—	138	103	—	914	—	3500	—	4660	4020	—
Mean	27	173	138	118	26	237	907	2079	2805	4431	4634	2956
Max.	56	195	164	142	103	930	914	4200	4430	4960	4890	4220
Min.	26	31	118	103	15	20	898	898	1180	3330	4000	506
A. F.	1680	10130	8470	7250	1510	14580	53980	127860	166910	272450	284910	175830

Total acre-feet 1125560.

Record furnished by the United States Bureau of Reclamation.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER
AT WYOMING-NEBRASKA STATE LINE

Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	630	411	549	405	411	358	307	460	1320	1330	1090	1070
2	549	429	525	399	381	352	302	480	1280	1320	1140	1040
3	474	454	528	393	364	352	302	480	1300	1320	1130	1060
4	442	535	500	393	348	324	307	486	1370	1410	1130	1080
5	442	542	480	375	342	329	302	480	1380	1370	1130	1130
6	442	528	480	387	348	324	302	466	1350	1330	1100	1160
7	429	521	474	375	353	324	353	454	1400	1240	1130	1120
8	423	528	474	375	348	312	364	448	1360	1360	1100	1040
9	423	535	468	429	348	312	388	430	1170	1440	1110	1010
10	417	542	448	423	336	312	358	436	1060	1420	1180	1010
11	393	542	435	417	435	307	364	430	991	1350	1190	958
12	393	542	429	417	494	307	388	442	991	1270	1220	881
13	387	542	435	448	474	312	382	870	790	1210	1260	840
14	387	549	442	423	370	307	376	1350	734	1160	1270	806
15	387	542	448	405	320	296	376	1520	698	1220	1310	734
16	381	556	435	387	282	280	376	1670	648	1100	1320	640
17	381	556	435	387	276	302	388	1670	640	1070	1220	698
18	358	563	435	393	270	307	400	1580	608	1050	1160	743
19	370	542	435	393	260	307	388	1570	689	1120	1160	743
20	364	521	442	387	260	302	388	1520	860	1220	1120	725
21	358	521	442	387	276	312	388	2280	936	1320	1070	689
22	375	514	435	387	292	302	424	2820	1040	1320	1090	608
23	387	514	435	399	309	307	418	2310	947	1440	1140	585
24	321	514	429	399	311	307	412	1750	914	1450	1240	578
25	375	514	417	399	326	296	406	1310	980	1410	1520	548
26	387	494	423	423	326	302	406	1180	1130	1350	1350	548
27	381	507	423	454	326	307	406	1130	1190	1280	1240	562
28	381	480	405	423	331	312	406	1190	1250	1220	1140	570
29	399	480	393	411	353	307	430	1210	1330	1170	1110	570
30	417	500	381	393	—	302	473	1180	1370	1130	1110	499
31	411	—	375	393	—	307	—	1260	—	1100	1090	—
Mean	410	517	447	403	340	312	377	1125	1058	1274	1180	808
Max.	630	563	549	454	494	358	473	2320	1400	1450	1520	1160
Min.	358	411	375	375	260	280	302	430	608	1050	1070	499
A. F.	25240	30780	27500	24750	19580	19210	22440	69150	62930	78350	72540	48060

Total acre-feet 500530.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MITCHELL
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	411	705	728	656	619	567	522	678	244	227	273	311
2	517	705	717	667	629	567	532	678	208	227	266	280
3	456	717	711	672	598	572	532	678	195	224	269	273
4	411	762	694	678	582	542	532	683	221	244	266	280
5	347	780	678	645	577	537	503	683	355	311	269	299
6	323	768	683	645	598	522	484	678	299	292	296	335
7	311	756	683	608	640	513	498	678	339	288	303	364
8	327	745	683	603	629	522	527	689	522	598	273	347
9	372	756	683	608	640	532	547	678	527	603	262	355
10	411	768	667	603	479	547	552	672	493	619	273	372
11	442	780	645	593	465	542	562	672	634	572	277	376
12	493	791	651	593	522	527	567	613	717	451	280	347
13	474	785	661	593	532	532	587	678	562	442	280	339
14	447	768	667	593	522	498	572	1260	429	381	292	327
15	465	756	656	613	513	508	572	1320	451	303	311	319
16	508	762	678	619	508	513	572	1450	424	368	296	315
17	582	774	689	624	522	547	603	1590	389	296	296	315
18	593	785	689	629	508	582	613	1510	360	266	299	319
19	672	774	700	634	503	552	598	1400	269	255	303	355
20	700	768	700	645	493	557	577	1240	252	262	315	323
21	722	762	700	640	493	552	593	1300	238	284	299	307
22	733	756	694	640	503	542	651	1990	303	284	277	503
23	745	780	678	645	527	542	619	1540	238	327	415	315
24	739	803	705	656	552	562	582	1490	224	402	360	331
25	722	780	694	651	567	508	582	651	211	433	493	347
26	722	751	711	661	572	513	587	527	208	364	498	376
27	717	745	694	645	562	503	593	368	211	355	442	385
28	711	728	678	624	562	479	593	364	221	347	372	424
29	722	722	661	619	557	489	619	347	221	331	331	438
30	768	717	634	663	-----	493	689	339	231	315	327	415
31	728	-----	634	598	-----	508	-----	327	-----	299	331	-----
Mean	558	758	682	629	551	531	572	896	340	354	318	339
Max.	768	803	728	678	640	582	689	1990	717	619	498	438
Min.	311	706	634	593	465	479	484	327	195	224	262	273
A. F.	34300	45120	41940	38680	31680	32670	34040	55080	20220	21760	19530	20180

Total acre-feet 395260.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT MINATARE
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	645	1110	1040	878	879	795	776	992	282	206	428	509
2	734	1110	1060	892	888	802	783	999	259	201	376	449
3	771	1120	1030	903	874	820	787	989	270	223	375	442
4	725	1140	1020	919	852	832	772	965	334	330	337	454
5	732	1180	1010	910	840	820	740	929	513	481	309	452
6	693	1180	997	897	845	803	723	907	471	462	329	492
7	676	1170	1000	891	888	788	705	887	530	471	331	545
8	655	1140	1010	870	886	787	738	898	791	978	312	557
9	743	1160	1000	836	890	799	737	901	849	969	290	542
10	773	1160	986	872	849	802	772	905	974	1160	280	604
11	809	1160	984	856	756	790	778	928	1200	1280	259	672
12	871	1140	998	867	778	766	778	927	1380	989	277	649
13	900	1140	987	865	760	770	808	836	1250	888	292	629
14	885	1140	1010	856	760	760	806	1130	1050	845	362	593
15	885	1130	979	848	770	752	801	1360	969	742	524	584
16	899	1120	972	856	752	735	790	1490	920	694	481	586
17	949	1120	971	852	746	767	813	1890	861	622	499	586
18	1000	1120	969	848	734	811	819	1710	789	446	503	567
19	1060	1110	981	850	722	803	824	1620	685	362	492	560
20	1060	1110	982	847	716	790	785	1520	631	394	465	563
21	1060	1080	992	844	724	791	894	1370	588	391	430	557
22	1080	1080	982	843	729	773	968	1750	580	392	369	566
23	1090	1090	956	847	766	780	907	1926	520	387	489	572
24	1080	1090	951	857	805	814	858	1550	377	399	548	593
25	1080	1090	952	836	838	813	827	1120	312	589	601	629
26	1090	1070	952	865	823	819	826	800	305	528	737	629
27	1090	1060	958	908	807	802	832	658	266	481	749	650
28	1080	1050	940	892	812	767	833	611	242	463	702	669
29	1100	1030	915	805	809	758	870	583	229	463	580	718
30	1170	1030	893	837	-----	763	995	478	221	464	533	707
31	1160	-----	873	873	-----	757	-----	383	-----	470	512	-----
Mean	922	1114	979	872	803	788	812	1096	622	573	444	578
Max.	1170	1180	1060	919	890	832	995	1920	1380	1280	749	718
Min.	645	1030	873	836	716	735	705	383	221	201	259	442
A. F.	56680	66310	60200	53610	46210	48450	48290	67410	36990	35250	27310	34360

Total acre-feet 581070.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT BRIDGEPORT
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1020	1570	1460	1200	1020	1260	957	1290	592	311	664	916
2	1100	1500	1500	1230	1060	1300	993	1260	505	293	613	844
3	1200	1460	1490	1250	1070	1300	1020	1240	515	438	628	779
4	1220	1460	1450	1250	1090	1250	1040	1200	533	981	564	861
5	1250	1490	1460	1200	1110	1240	1040	1160	771	962	505	943
6	1210	1500	1440	1130	1130	1140	1040	1150	908	957	514	920
7	1200	1500	1450	1150	1120	1060	1030	1120	940	875	524	1000
8	1240	1500	1520	1140	1120	1050	1050	1130	1190	1240	524	1010
9	1280	1510	1520	1140	1170	1080	1020	1120	1290	1480	496	967
10	1280	1540	1460	1140	1080	1120	1020	1090	1530	1610	423	977
11	1280	1580	1380	1160	800	1150	1010	1100	1920	2240	406	1010
12	1360	1590	1350	1240	820	1130	1020	1150	2310	1820	375	1100
13	1480	1610	1310	1260	920	1110	1010	1160	2140	1660	332	1100
14	1430	1620	1280	1280	960	1070	992	1140	1690	1500	350	1100
15	1440	1570	1260	1290	920	1080	923	1510	1410	1340	597	1130
16	1440	1540	1290	1220	880	1090	899	1670	1310	1220	748	1130
17	1420	1530	1310	1190	940	1060	936	2020	1170	1200	737	1130
18	1440	1530	1340	1180	1100	1080	940	2200	1110	934	762	1090
19	1500	1560	1340	1180	1200	1090	960	2120	1120	736	883	1010
20	1550	1570	1380	1170	1280	1090	970	2020	1080	649	787	985
21	1550	1560	1420	1170	1240	1100	1140	1950	1080	667	776	981
22	1500	1520	1460	1140	1220	1090	1440	1870	1010	634	762	1020
23	1440	1520	1120	1150	1150	1080	1330	2260	942	612	836	1050
24	1440	1580	1380	1090	1120	1060	1270	2230	804	663	1050	1090
25	1440	1640	1340	1080	1120	1080	1220	2010	644	737	1070	1140
26	1450	1630	1300	1000	1120	1030	1140	1450	489	826	1120	1090
27	1460	1600	1280	1010	1100	1030	1090	1110	418	826	1250	1050
28	1500	1540	1280	1020	1130	978	1040	930	400	749	1190	1060
29	1500	1460	1200	1030	1240	979	1020	872	380	655	1130	1130
30	1610	1450	1180	1050	---	922	1290	760	345	703	1040	1160
31	1620	---	1160	1050	---	923	---	686	---	714	985	---
Mean	1383	1541	1369	1153	1081	1097	1062	1422	1018	975	732	1026
Max.	1620	1640	1520	1290	1280	1300	1440	2260	2310	2240	1250	1160
Min.	1020	1450	1160	1000	800	922	899	686	345	293	332	779
A. F.	\$5050	\$1700	\$4200	70890	62180	67440	63170	\$7450	60590	59970	45040	61040

Total acre-feet 838720.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LISCO
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	976	1710	1580	1310	1310	1550	1300	1600	873	350	719	963
2	976	1650	1620	1420	1310	1540	1280	1510	708	314	719	924
3	1040	1680	1620	1460	1520	1510	1270	1460	662	530	813	898
4	1140	1680	1600	1430	1530	1440	1280	1360	673	837	650	937
5	1310	1740	1630	1370	1550	1430	1300	1310	754	1370	562	1080
6	1360	1790	1550	1260	1600	1420	1300	1380	835	1120	508	1080
7	1280	1810	1580	1100	1810	1300	1270	1360	1220	1020	562	1110
8	1240	1840	1620	1070	1740	1250	1190	1370	1860	1080	606	1110
9	1240	1840	1690	1010	1220	1320	1190	1380	1620	1480	488	1120
10	1320	1830	1570	990	1000	1360	1190	1420	1740	1810	446	1070
11	1340	1860	1550	1100	550	1340	1160	1430	2030	2860	416	1070
12	1550	1880	1540	1070	600	1270	1180	1400	2470	2520	406	1140
13	1730	1920	1510	960	640	1240	1190	1320	2730	1840	378	1150
14	1650	1910	1490	880	670	1280	1210	1220	2380	1680	388	1070
15	1580	1860	1480	980	670	1310	1220	1310	1940	1540	639	1060
16	1650	1830	1550	1000	900	1310	1240	1740	1660	1460	730	1040
17	1700	1830	1610	970	1060	1340	1340	1980	1510	1380	742	1020
18	1680	1810	1600	973	1200	1340	1360	2240	1370	1320	708	963
19	1680	1780	1580	1050	1310	1360	1340	2340	1320	1070	742	989
20	1700	1730	1580	1130	1530	1370	1320	2240	1250	976	789	1030
21	1700	1680	1570	1260	1640	1420	1440	2150	1210	873	777	1030
22	1650	1650	1550	1300	1520	1370	1860	2110	1310	898	924	989
23	1630	1650	1460	1420	1510	1440	1840	2110	1120	861	911	1000
24	1630	1660	1420	1560	1560	1460	1540	2510	1020	825	1060	1040
25	1630	1650	1490	1530	1500	1400	1380	2620	885	837	1150	1110
26	1650	1620	1510	1470	1450	1420	1380	1920	754	861	1120	1190
27	1660	1580	1440	1440	1450	1360	1420	1310	650	911	1220	1150
28	1630	1570	1340	1440	1430	1250	1380	1080	562	801	1220	1140
29	1650	1580	1300	1250	1430	1270	1400	937	498	684	1180	1120
30	1810	1580	1300	1300	---	1310	1540	861	406	684	1120	1180
31	1790	---	1310	1500	---	1310	---	898	---	719	1030	---
Mean	1502	1739	1522	1227	1283	1364	1344	1610	1269	1146	765	1060
Max.	1810	1920	1630	1560	1810	1550	1860	2620	2730	2860	1220	1190
Min.	976	1570	1300	880	550	1240	1160	861	406	314	378	898
A. F.	92370	103500	93580	75470	73800	83880	79950	98970	75510	70440	47050	63109

Total acre-feet 957620.

BUREAU OF IRRIGATION

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT OSHKOSH
Water Year Ending September 30, 1944

Table with columns: Day, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. and rows 1-31, Mean, Max., Min., A. F.

Total acre-feet 958460.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT LEWELLEN
Water Year Ending September 30, 1944

Table with columns: Day, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. and rows 1-31, Mean, Max., Min., A. F.

Total acre-feet 1030130.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT KEYSTONE
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	211	219	10	7	7	10	15	37	182	417	1840	396
2	211	200	10	7	7	11	16	49	186	435	1730	356
3	204	39	10	7	7	11	15	46	196	435	1720	396
4	204	21	10	7	7	11	20	49	240	435	1770	408
5	204	20	9	8	7	11	94	22	257	435	2040	412
6	204	25	8	8	7	16	236	12	186	435	2020	389
7	204	44	14	8	7	35	248	12	182	671	2100	393
8	200	41	10	8	7	12	240	12	182	1340	2500	385
9	207	21	9	8	8	11	204	12	182	1350	2450	386
10	200	18	10	18	14	12	94	12	182	1370	2440	389
11	196	17	11	12	11	12	24	12	182	1270	2400	386
12	261	17	10	10	10	11	12	11	186	870	2280	364
13	190	17	9	11	8	11	9	10	179	706	2230	318
14	196	17	8	10	9	12	7	9	172	460	2230	315
15	196	16	9	9	7	10	5	9	176	322	2210	324
16	200	16	9	9	7	10	4	9	176	283	2180	318
17	200	15	10	9	7	9	5	9	196	292	2200	315
18	204	15	9	10	10	9	5	9	193	280	2160	321
19	223	14	9	10	8	9	7	9	186	280	2200	318
20	223	14	9	10	8	10	9	8	193	273	2230	304
21	200	14	8	9	8	11	10	9	186	323	2200	355
22	204	14	8	9	8	12	12	63	186	382	2170	310
23	211	14	8	9	9	15	22	179	182	374	1950	262
24	200	15	7	8	10	14	19	193	186	437	1200	288
25	193	13	7	8	10	13	18	190	186	491	867	299
26	193	14	7	9	10	19	18	182	307	585	574	250
27	193	12	7	31	10	36	19	182	322	756	574	315
28	196	13	7	31	10	27	20	182	332	744	574	301
29	193	11	7	14	10	26	27	182	370	983	553	301
30	196	10	9	9	---	19	46	182	398	1840	464	304
31	240	---	7	11	---	18	---	182	---	2100	412	---
Mean	205	31	9	11	9	15	49	67	216	689	1757	242
Max.	261	219	14	31	14	36	248	193	398	2100	2500	412
Min.	190	10	7	7	7	9	4	8	172	273	412	262
A. F.	12610	1860	545	663	492	900	2940	4130	12830	42300	108000	20330

Total acre-feet 207240.

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT SUTHERLAND
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	292	109	120	120	220	175	269	109	60	1460	180
2	28	274	120	130	130	190	166	458	86	58	1530	157
3	28	264	126	140	140	140	157	346	144	68	1380	148
4	48	200	123	140	150	140	152	264	106	106	1340	148
5	74	180	112	90	150	130	148	200	112	134	1340	210
6	74	180	109	90	140	120	170	165	144	98	1460	196
7	74	210	109	70	150	110	258	166	123	89	1640	157
8	74	236	106	120	170	190	360	175	126	205	1580	139
9	74	264	109	110	90	247	316	162	123	623	1800	123
10	71	157	106	110	60	225	292	139	112	795	2100	126
11	68	130	106	110	80	258	258	130	116	785	2050	148
12	86	116	102	110	110	210	185	123	596	726	2020	143
13	225	116	95	120	120	185	148	116	316	528	2000	126
14	170	123	53	130	130	120	123	120	247	420	1940	98
15	162	130	80	140	130	102	112	230	175	310	1950	92
16	162	126	110	150	120	175	112	144	139	166	1390	106
17	180	123	130	150	130	170	130	120	109	109	1950	98
18	185	116	110	150	140	170	166	95	95	89	1950	92
19	195	112	130	140	130	144	175	86	89	98	1940	98
20	269	116	120	150	120	148	200	80	74	116	2020	92
21	280	116	100	150	120	144	230	80	74	95	2150	80
22	247	116	90	120	140	123	274	92	71	92	2020	89
23	200	116	60	120	170	242	496	92	58	116	2080	102
24	220	116	120	120	200	242	334	98	51	126	2290	116
25	220	130	140	110	230	200	252	180	43	144	1600	126
26	225	109	160	100	220	-205	205	190	43	166	918	144
27	242	116	130	80	210	215	162	126	43	200	488	144
28	225	109	90	40	220	205	162	144	55	334	398	170
29	230	109	90	60	230	190	372	148	58	328	379	166
30	322	112	100	90	---	175	392	116	58	398	328	157
31	298	---	120	100	---	195	---	109	---	994	236	---
Mean	160	154	109	115	146	178	223	160	123	277	1559	132
Max.	322	292	160	150	230	258	496	458	596	994	2290	210
Min.	28	109	53	40	60	102	112	80	43	58	236	80
A. F.	9870	9150	6670	7060	8390	10970	13250	9850	7330	17010	95860	7870

Total acre-feet 203280.

BUREAU OF IRRIGATION

485

DISCHARGE IN SECOND-FEET, NORTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	279	608	341	280	350	516	461	706	472	205	960	382
2	288	596	323	310	380	527	430	706	323	200	1420	369
3	270	538	323	330	390	494	370	862	390	220	1620	376
4	261	494	341	340	360	420	360	572	560	328	1480	394
5	253	420	341	290	360	527	314	483	341	369	1420	459
6	270	390	314	230	360	505	341	420	350	351	1400	465
7	261	332	306	290	360	380	420	390	420	328	1560	432
8	297	245	306	250	350	380	656	400	430	369	1720	426
9	279	420	314	250	360	572	719	350	370	538	1720	407
10	270	410	323	310	260	549	620	350	350	926	1900	413
11	270	332	314	360	390	596	608	360	341	1140	2100	432
12	306	332	323	370	250	505	461	380	620	1040	2080	439
13	400	314	332	340	330	400	350	370	784	891	2080	452
14	472	314	306	340	340	350	288	360	784	721	2000	388
15	420	306	270	360	380	400	253	450	461	611	1880	363
16	410	306	220	400	390	500	261	538	350	452	1830	563
17	430	314	250	420	390	560	306	400	323	394	1830	376
18	430	314	300	420	380	430	410	323	314	394	1830	334
19	430	314	280	410	350	400	430	297	314	345	1860	294
20	406	332	280	410	350	410	494	288	306	410	1920	305
21	461	332	260	400	370	380	538	270	341	388	2000	294
22	461	332	250	370	370	440	632	314	341	340	2180	305
23	400	332	240	370	390	472	1260	270	323	394	2140	316
24	400	341	210	370	410	549	996	297	237	345	2180	340
25	420	380	340	370	480	483	572	360	190	328	2330	328
26	430	370	370	370	390	472	410	505	182	357	1550	340
27	440	323	340	210	520	505	323	400	162	376	740	334
28	461	332	300	170	580	549	279	440	169	369	508	351
29	450	332	250	210	596	494	483	494	190	439	478	351
30	608	350	240	300	---	430	954	410	190	419	465	376
31	732	---	280	350	---	483	---	440	---	538	432	---
Mean	386	368	296	329	353	473	500	426	364	469	1600	378
Max.	732	608	370	420	596	595	1260	862	784	1140	2330	465
Min.	253	245	210	170	250	350	253	270	162	200	432	294
A. F.	23720	21930	18220	20230	22010	29110	29750	26190	21680	28830	98410	22180

Total acre-feet 362260

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER
AT JULESBURG, COLORADO

Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	29	115	116	295	232	331	376	1480	163	42	69	44
2	30	113	112	294	266	334	386	1580	165	40	71	42
3	32	109	110	298	320	333	395	1600	129	42	68	58
4	31	108	112	289	391	330	391	1740	114	66	67	38
5	33	106	112	319	402	332	373	1820	112	94	58	38
6	33	106	113	358	384	319	364	1980	100	71	54	36
7	34	106	114	270	376	307	353	2300	96	60	52	35
8	40	102	114	151	375	304	352	2550	95	46	48	35
9	48	102	119	152	385	296	338	2680	93	52	39	35
10	50	102	150	170	307	283	337	2690	90	334	36	35
11	50	100	172	207	244	277	357	2520	102	941	33	33
12	55	102	173	214	285	228	351	2660	100	677	32	33
13	67	101	187	209	320	213	323	2840	120	424	27	32
14	77	100	190	224	384	243	252	2930	140	342	26	31
15	81	102	206	243	440	265	203	3050	141	327	25	32
16	83	102	214	262	345	296	182	2860	129	380	23	33
17	78	104	248	287	362	295	214	2760	117	323	22	32
18	74	104	244	292	385	295	283	2590	104	247	21	33
19	75	100	266	305	410	288	311	2260	96	206	20	40
20	88	98	304	335	394	290	350	2050	81	188	20	42
21	116	96	320	364	426	304	417	1780	70	172	21	42
22	116	94	304	350	412	304	484	1660	65	161	21	39
23	139	94	284	339	429	319	571	1310	63	146	26	41
24	168	97	285	335	404	340	614	843	57	135	32	44
25	182	111	293	332	376	352	667	581	56	128	151	44
26	174	108	292	305	350	372	736	444	53	110	93	39
27	155	106	285	282	334	380	774	260	47	106	66	42
28	148	110	285	248	338	354	929	206	43	99	58	43
29	132	107	280	260	333	354	1090	177	43	95	49	36
30	126	111	281	274	---	358	1170	139	43	82	46	36
31	121	---	286	262	---	364	---	130	---	74	46	---
Mean	86	104	212	275	359	312	465	1754	94	202	46	37
Max.	182	115	320	364	440	380	1170	3050	165	941	151	44
Min.	29	94	110	151	232	213	182	130	43	40	20	31
A. F.	5290	6180	13030	16910	20660	19160	27670	107900	5610	12420	2820	2230

Total acre-feet 239880.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT PAXTON
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	82	115	150	305	511	448	1160	295	56	90	22
2	10	86	118	210	342	489	448	1450	242	52	80	21
3	10	84	115	240	402	482	448	1530	233	49	73	21
4	11	90	118	250	455	482	455	1550	242	57	62	21
5	12	92	120	260	489	462	441	1590	208	233	56	23
6	12	92	120	230	555	455	434	1650	197	204	54	22
7	12	90	120	190	638	455	421	1730	194	153	54	21
8	12	90	123	150	694	441	421	1870	183	120	50	20
9	13	99	123	120	662	441	414	2060	169	110	46	20
10	13	105	126	150	359	441	408	2220	159	129	43	20
11	13	110	126	140	197	441	396	2260	153	540	39	19
12	14	110	126	150	186	408	354	2190	169	881	36	19
13	18	108	137	150	225	402	390	2260	204	854	33	19
14	18	108	169	150	265	365	390	2410	194	630	30	19
15	18	110	186	150	321	365	365	2550	166	489	30	19
16	19	110	197	160	371	377	326	2670	146	414	27	19
17	21	105	250	160	408	377	316	2620	146	402	25	19
18	22	105	285	320	414	390	300	2620	143	402	23	18
19	22	94	246	390	455	390	326	2500	129	348	26	18
20	22	94	265	380	497	396	371	2340	120	321	57	17
21	25	94	300	390	585	390	396	2220	118	280	39	17
22	36	94	316	400	646	402	455	2120	101	255	34	16
23	46	88	311	430	746	402	578	1910	88	242	40	16
24	49	92	220	440	845	421	638	1670	79	221	39	16
25	53	92	240	440	920	428	678	1430	80	204	36	16
26	59	90	240	420	746	448	686	1100	88	186	32	16
27	56	90	260	180	678	455	728	863	79	172	30	19
28	64	87	240	143	638	462	782	694	71	146	28	19
29	71	99	210	169	562	448	950	555	62	112	26	19
30	77	105	130	212	—	441	1080	434	61	99	23	19
31	79	—	120	285	—	448	—	353	—	94	22	—
Mean	30	97	186	245	504	430	496	1757	151	273	41	19
Max.	79	110	316	440	920	511	1080	2670	295	881	90	23
Min.	10	82	115	120	186	365	300	353	61	49	22	16
A. F.	1820	5760	11450	15090	28970	26410	29500	108000	8960	16770	2540	1130

Total acre-feet 256400.

DISCHARGE IN SECOND-FEET, SOUTH PLATTE RIVER AT NORTH PLATTE
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	79	134	177	275	290	612	562	1050	506	162	193	101
2	79	134	181	246	338	604	546	1140	434	158	177	91
3	79	140	185	295	400	646	522	1430	400	158	158	91
4	79	140	189	344	469	685	522	1470	381	169	144	87
5	79	151	193	381	546	691	522	1420	368	158	130	101
6	76	158	197	441	596	664	522	1460	362	210	128	103
7	74	158	193	420	682	630	564	1570	350	246	134	101
8	74	148	189	380	709	570	570	1670	350	250	128	95
9	74	148	189	320	792	548	570	1770	333	246	122	91
10	76	158	189	280	897	562	554	1910	322	241	120	95
11	76	165	201	240	380	612	570	2030	316	270	118	101
12	79	158	193	220	300	604	530	2070	394	388	112	101
13	85	162	197	210	300	554	483	2070	483	646	108	99
14	85	169	170	240	310	455	448	2150	514	783	105	103
15	85	181	120	260	300	388	427	2370	427	700	101	105
16	87	181	130	260	330	407	420	2480	368	587	101	105
17	89	181	200	250	380	448	420	2560	333	506	99	101
18	89	181	210	260	430	414	427	2530	311	469	99	99
19	89	181	265	300	490	414	418	2510	280	462	95	101
20	89	181	300	330	550	448	483	2510	260	455	93	103
21	89	181	322	380	630	522	530	2290	250	400	120	97
22	89	181	355	434	720	434	562	2120	236	355	122	99
23	91	181	333	434	800	455	727	1920	201	350	130	99
24	93	181	295	469	750	498	821	1670	181	316	134	101
25	99	181	280	538	709	522	774	1430	166	316	134	99
26	105	181	300	578	736	538	709	1180	165	280	130	101
27	108	181	368	460	673	554	745	982	169	255	122	101
28	108	173	374	306	691	570	830	859	169	236	122	108
29	108	181	368	232	709	604	926	745	169	228	112	105
30	128	173	362	236	—	546	1040	630	165	210	112	103
31	144	—	306	232	—	554	—	554	—	205	105	—
Mean	90	167	245	331	549	539	592	1695	312	336	123	100
Max.	—	144	181	374	578	897	691	1040	2560	514	783	193
Min.	74	134	120	210	280	388	420	554	165	158	93	87
A. F.	5520	9920	14940	20330	31550	33170	35230	104200	18570	20660	7550	5920

Total acre-feet 307560.

BUREAU OF IRRIGATION

487

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT BRADY
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	81	95	91	100	175	234	174	436	133	78	95	113
2	80	93	93	100	167	230	177	363	119	70	426	101
3	80	96	89	105	168	230	176	421	111	94	785	95
4	80	96	94	110	157	230	173	1020	95	123	1090	93
5	80	98	96	95	155	230	168	1120	84	135	1060	96
6	79	104	96	110	152	230	163	846	83	124	938	92
7	77	94	96	110	153	230	162	1010	122	113	919	91
8	75	68	97	110	164	230	163	1100	164	104	975	89
9	75	95	93	110	164	240	165	1140	144	89	1020	87
10	74	98	85	110	160	247	173	1350	143	119	1010	87
11	71	99	85	110	160	240	201	1590	136	346	1080	89
12	71	93	85	110	100	235	214	1590	206	573	1180	90
13	74	95	85	110	170	241	204	1350	298	299	1200	91
14	75	98	80	110	160	225	254	1430	380	191	1250	88
15	76	98	85	110	150	219	218	1380	240	129	1210	86
16	80	95	90	110	140	214	201	1690	187	110	1190	87
17	81	95	90	110	140	391	197	1310	146	94	1130	85
18	83	95	90	110	150	226	206	1260	124	129	1080	77
19	83	96	100	120	160	194	218	963	111	122	1070	74
20	78	97	100	140	160	175	238	1080	110	136	1110	73
21	79	96	100	140	160	159	245	948	118	115	1090	72
22	79	94	98	140	160	163	276	649	117	101	1240	71
23	82	94	100	140	190	198	716	674	105	95	1370	79
24	81	93	100	140	230	212	835	402	99	88	1330	83
25	86	94	95	140	250	195	560	392	93	96	1320	85
26	94	92	91	120	220	198	427	236	93	87	1320	91
27	95	90	90	200	260	195	353	150	84	75	688	91
28	90	90	95	180	263	197	308	140	75	76	197	92
29	87	89	95	200	247	185	325	126	76	68	151	94
30	98	86	95	180	---	180	431	128	83	70	130	92
31	100	---	95	170	---	190	---	158	---	62	120	---
Mean	82	94	93	127	176	218	277	853	136	133	928	88
Max.	100	104	100	200	253	391	335	1690	380	573	1370	113
Min.	71	68	80	95	100	159	162	126	75	62	95	71
A. F.	5010	5590	5700	7830	10100	13410	16500	52470	8090	8150	57070	5220

Total acre-feet 195140.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT COZAD
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	96	206	166	120	247	361	300	681	142	32	14	56
2	79	187	157	120	265	366	252	647	112	59	15	94
3	75	160	157	140	264	360	239	489	96	77	82	87
4	74	154	146	130	277	260	236	696	70	191	148	76
5	74	152	154	160	267	260	229	1100	79	189	196	67
6	78	157	141	160	236	260	213	1010	79	137	247	60
7	80	151	146	160	270	260	216	918	115	137	264	45
8	84	100	141	160	287	260	203	1060	216	157	192	32
9	93	114	152	160	240	290	193	1090	192	132	76	36
10	93	153	138	160	240	344	222	1120	177	146	32	25
11	86	145	138	160	240	323	329	1500	206	380	26	25
12	91	134	139	160	240	284	399	1840	295	361	47	24
13	119	129	131	160	240	270	361	1500	339	429	37	22
14	192	132	55	160	240	240	722	1380	400	197	21	21
15	165	132	110	160	240	230	594	1400	326	92	38	20
16	138	132	120	160	240	240	424	1510	247	105	45	20
17	193	129	140	160	240	304	382	1710	154	143	58	23
18	174	132	170	160	240	380	425	1220	118	120	45	20
19	133	127	150	160	240	280	485	1080	94	68	24	21
20	171	127	160	230	250	278	530	962	88	96	75	25
21	151	125	150	230	270	260	478	1040	67	73	137	31
22	157	133	140	230	300	220	524	990	53	35	127	59
23	130	133	140	230	330	325	1250	656	34	18	319	87
24	122	146	130	230	360	352	1510	654	25	17	408	92
25	119	160	120	236	393	200	1070	408	77	23	679	87
26	121	158	100	226	396	290	714	330	77	15	1010	91
27	121	135	100	468	345	310	542	247	83	14	813	86
28	121	135	100	344	419	310	433	205	76	15	365	56
29	143	130	100	290	380	250	489	181	81	14	151	51
30	195	146	100	270	---	200	664	238	87	13	117	64
31	213	---	110	230	---	293	---	164	---	13	80	---
Mean	125	142	132	198	283	288	488	904	140	114	193	50
Max.	213	206	170	468	419	350	1510	1840	400	429	1010	94
Min.	74	100	55	120	236	200	193	164	25	13	14	20
A. F.	7700	8440	8130	12150	16260	17730	29010	55590	8340	7040	11860	2980

Total acre-feet 185230.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT OVERTON
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	352	1110	896	800	1160	1740	1030	1470	1340	72	128	872
2	480	1030	1030	1190	1570	2080	540	2930	230	55	110	1380
3	500	1280	1060	1430	1080	2080	1500	2620	752	94	104	580
4	368	1280	896	1220	896	1160	1500	2370	1030	272	99	464
5	540	1710	1080	1300	1220	1110	1280	2010	800	260	164	752
6	620	1640	1250	960	1220	1740	1030	2750	182	191	236	640
7	500	1310	1110	1290	1250	1570	920	1890	182	164	352	464
8	500	1220	1140	1380	848	1500	704	2620	296	173	155	500
9	448	1190	1110	1200	896	1710	432	2320	296	173	128	400
10	320	920	974	1200	1280	1540	872	2530	284	173	320	284
11	432	1060	1190	1280	1270	1440	1190	2880	272	352	432	320
12	464	752	1110	1180	1230	728	600	3390	560	660	284	448
13	448	1110	1000	1110	1120	1160	800	3110	920	680	173	432
14	464	1080	1190	990	730	1060	1470	2410	1540	540	182	416
15	540	1160	1240	930	810	1310	2120	2450	1160	320	284	416
16	660	1000	1480	840	980	896	1280	2750	660	416	320	308
17	540	1080	1210	1070	1060	1160	1060	2750	600	752	248	164
18	620	1080	1060	1310	1080	1570	1160	3060	320	400	248	236
19	480	1060	1150	1600	1150	1250	896	2580	416	400	368	500
20	432	1000	1250	1610	820	920	1110	2530	560	368	336	480
21	660	1030	1440	1410	1250	1060	1160	1930	728	336	384	464
22	660	1960	1340	1190	1330	1600	1110	2160	448	432	600	432
23	580	800	1100	1280	1440	1310	2160	2240	352	500	728	296
24	500	1250	1210	1640	1110	1340	2880	1850	284	272	432	248
25	580	1280	820	1850	1470	1060	2530	2080	400	49	580	308
26	660	824	1400	1850	1640	1190	2320	1440	300	100	1600	560
27	660	848	1340	1930	1250	1250	1310	1280	284	150	1570	640
28	800	1000	1400	1740	1780	1440	1160	1310	155	46	1280	620
29	824	752	1210	1850	1820	1190	1740	1470	400	119	974	520
30	974	920	1000	640	-----	1060	1570	1640	99	137	974	448
31	974	-----	900	1600	-----	1140	-----	1600	-----	119	1060	-----
Mean	567	1094	1148	1318	1129	1234	1314	2272	529	283	479	486
Max.	974	1710	1480	1930	1820	2080	2880	3390	1540	752	1600	1380
Min.	320	752	820	640	730	728	432	1280	99	46	99	164
A. F.	34870	65090	70580	81060	68950	82040	78220	139700	31500	17400	29460	28940

Total acre-feet 727810.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ODESSA
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15	516	782	780	1120	1190	995	1750	1170	194	0	678
2	30	660	820	810	1300	1330	730	3440	1060	60	0	660
3	74	610	610	840	995	1400	548	3220	558	15	0	748
4	167	712	625	1030	712	1620	858	2520	625	486	0	443
5	176	878	730	1060	800	1830	936	2070	312	389	0	376
6	278	1100	678	900	878	2020	748	2400	256	245	0	470
7	312	898	625	900	839	2010	748	2310	470	204	0	416
8	245	820	642	900	1040	2020	548	2310	695	194	56	389
9	245	840	712	900	820	2190	594	2340	324	176	34	389
10	116	748	730	900	1060	2020	486	2240	256	158	15	335
11	14	625	956	900	1140	1470	1150	2780	204	176	67	222
12	167	516	839	900	1140	1170	839	3120	443	324	123	245
13	278	563	936	900	1150	782	610	3080	712	548	95	324
14	222	640	1050	900	640	1260	610	2580	1330	610	56	348
15	258	710	1050	900	610	1670	1720	2550	1470	594	38	376
16	290	678	1120	900	660	2160	1750	2810	956	443	81	416
17	416	730	1070	900	710	1060	1080	2740	563	416	109	312
18	267	820	940	1010	820	1470	1330	3080	548	625	95	74
19	267	820	860	1020	920	1830	1330	2840	267	312	74	176
20	167	800	920	1210	950	1170	1330	2810	348	362	278	430
21	176	858	950	1180	780	1260	1700	2650	594	301	430	486
22	362	712	970	1130	1170	2740	1670	2100	578	222	376	486
23	348	625	880	1330	1130	1540	3050	2340	376	233	563	501
24	301	858	880	1200	1070	1330	4140	1930	290	278	660	470
25	167	1230	1010	1480	1120	1190	3480	1990	176	176	625	362
26	176	660	740	1250	1060	1120	3220	1880	43	60	858	312
27	335	765	970	1250	1020	1020	2240	1540	88	30	1230	456
28	335	1100	870	820	1020	1120	1600	1750	194	60	1370	563
29	443	660	930	1380	1230	1080	1990	1260	376	12	1190	575
30	578	858	870	1230	-----	1350	2980	1720	582	0	956	548
31	730	-----	700	1060	-----	976	-----	1640	-----	0	765	-----
Mean	257	767	854	1028	962	1497	1517	2380	537	255	327	420
Max.	730	1230	1120	1480	1300	2740	4140	3440	1470	625	1370	748
Min.	14	516	610	780	610	782	486	1260	43	0	0	74
A. F.	15770	45640	52490	63210	55350	92030	90290	146400	31960	15680	20120	24970

Total acre-feet 653910.

BUREAU OF IRRIGATION

489

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT GRAND ISLAND
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	451	682	1100	840	2400	1960	3030	1750	158	0	348
2	0	649	699	990	1480	2490	1670	2940	1570	273	0	361
3	20	616	616	980	1550	2520	1520	3450	1250	175	0	312
4	56	733	733	1000	1800	1900	1400	3920	993	749	0	386
5	69	766	803	1000	1550	1700	1130	3070	632	386	0	451
6	50	878	859	1000	1180	1200	1360	2580	425	399	0	244
7	55	933	822	1100	1450	1300	1360	2940	451	322	0	234
8	59	952	840	1100	1650	1300	1220	2900	1290	273	0	273
9	56	803	749	720	1360	1600	1180	2650	1310	208	0	208
10	59	952	649	730	1000	1900	1080	2800	993	126	0	167
11	62	1220	599	850	510	4500	1520	2970	733	126	0	175
12	50	993	599	870	340	3920	1800	4050	525	136	0	120
13	59	785	620	860	380	2620	1940	4840	599	104	0	56
14	65	716	210	900	410	1910	1310	4000	632	100	0	78
15	109	632	190	950	470	1480	1380	3200	878	136	0	36
16	131	749	180	1000	640	1270	2020	2840	1380	283	0	263
17	160	699	220	1100	1100	1350	2370	2800	1080	302	0	191
18	208	785	900	1200	1300	1600	2220	2680	666	374	0	136
19	273	803	520	1400	1200	1030	2220	2740	438	399	0	114
20	208	878	1600	1400	1200	1520	2310	2940	540	510	0	65
21	322	878	1200	1500	1200	1620	2370	2800	386	293	0	33
22	253	878	1100	1600	1600	1250	2460	2580	374	216	0	98
23	216	899	1200	1800	1700	1570	4150	2130	374	109	0	136
24	300	915	1200	2100	2200	2460	4880	2080	374	53	0	150
25	481	878	1100	2600	3400	1670	4720	2310	273	29	0	150
26	425	933	1000	3200	4080	1650	4670	2130	136	65	0	120
27	263	1080	1100	3420	2620	1650	4310	2100	65	36	0	87
28	302	510	1100	2650	2620	1620	3490	2130	24	18	60	50
29	451	716	1100	1670	2520	1310	2620	2490	16	10	283	114
30	312	878	1100	1850	.....	1300	2710	1830	59	5	599	224
31	335	.....	1000	1830	.....	1800	.....	1650	.....	0	569	.....
Mean	174	818	796	1435	1495	1853	2313	2826	674	206	49	180
Max.	481	1220	1600	3420	4080	4500	4880	4840	1750	749	599	451
Min.	0	451	180	720	340	1030	1080	1650	16	0	0	36
A. F.	10730	48700	48970	88200	85980	113900	137700	173800	40100	12640	3010	10700

Total acre-feet 774430.

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT DUNCAN
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	198	845	780	2040	2410	1790	3910	2000	97	19	510
2	0	300	795	760	1510	2100	1810	4120	2020	47	64	468
3	0	350	654	800	1210	2220	1680	4740	2000	89	45	324
4	0	402	758	800	1850	1800	1430	5410	1620	643	21	285
5	0	442	732	790	1720	1700	1390	5690	1310	1150	18	292
6	0	502	770	840	1510	1700	1060	4610	1020	953	13	442
7	0	600	858	830	1310	1700	1190	3910	912	590	11	459
8	0	632	795	760	1260	1300	1290	3460	1260	540	10	249
9	0	610	853	690	1340	2200	1300	3350	1550	410	7	156
10	0	550	886	560	1000	1900	1200	3170	1750	280	4	186
11	0	570	899	440	630	2700	1600	3460	1600	560	4	165
12	0	880	832	520	480	4000	1790	3800	1310	698	3	141
13	0	995	500	630	420	3100	1770	4180	995	380	2	141
14	0	770	380	680	310	2470	2240	5200	808	249	2	136
15	0	709	310	710	280	1980	2140	4770	782	160	4	102
16	0	654	160	780	230	1440	1830	4150	758	120	3	220
17	0	745	200	880	300	1570	1960	3380	953	220	3	442
18	0	808	210	980	330	1680	2860	3100	1460	304	2	550
19	0	820	230	1100	390	2080	3120	3120	1260	298	1	388
20	2	858	240	1200	550	1410	2950	3070	832	344	5	261
21	8	886	300	1200	1000	1590	3070	3460	872	298	2	192
22	14	953	300	1400	1300	2120	2980	3380	782	380	8	136
23	18	953	400	1500	1600	1750	3570	3280	388	225	11	89
24	11	923	540	1900	2400	1680	6360	2720	304	141	8	71
25	6	926	680	2400	4240	2200	6360	2500	330	127	11	102
26	4	912	670	3910	5270	2280	6430	2650	372	114	21	136
27	5	886	780	3970	4650	2000	6930	2560	318	110	14	151
28	14	1210	710	3070	3070	1920	6130	2610	160	45	13	146
29	102	886	710	2550	2540	1810	5200	2670	132	29	50	110
30	114	709	730	2020	.....	1660	4550	2790	97	21	273	71
31	165	.....	740	1810	.....	1680	.....	2540	.....	19	530	.....
Mean	15	721	594	1334	1543	2005	2933	3605	998	311	38	237
Max.	165	1210	899	3970	5270	4000	6930	5690	2020	1150	530	550
Min.	0	198	160	440	230	1300	1060	2500	97	19	1	71
A. F.	920	42930	36540	82640	88740	123300	174500	221700	59410	19120	2340	14120

Total acre-feet 865660.

REPORT OF THE STATE ENGINEER

DISCHARGE IN SECOND-FEET, PLATTE RIVER AT ASHLAND
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	2540	3280	2500	5850	8900	5580	10500	6500	4250	2290	6830
2	1310	1950	3510	2600	5700	10400	5540	10600	6330	4150	3530	6920
3	1270	2670	3250	2900	4280	8260	5660	11300	7310	3920	3950	6120
4	1340	3220	3250	2700	4280	9410	6250	19600	7750	3430	3850	4080
5	1240	3140	2780	2700	5280	6410	5500	16800	11900	4970	4430	3190
6	1570	3080	3450	2700	5090	5400	5020	13100	7890	7220	3220	2810
7	1470	2650	2650	2300	4660	3900	4800	10200	7350	7270	1950	2730
8	1360	3370	3250	2200	5810	3800	4480	10500	9620	6520	1780	2640
9	1470	2270	3250	2400	4900	2900	4410	10200	13300	4860	1280	2870
10	1470	1670	3170	2000	5660	4400	4550	10200	11700	4150	1420	2210
11	1590	3110	3250	2100	3000	5660	6790	10400	21900	7680	1700	2340
12	1490	3110	3220	2200	2000	6710	7850	11100	54800	9820	1370	2210
13	1630	2940	2940	2200	1000	9840	8600	15700	80600	10800	1120	2400
14	1650	3570	1600	2100	1000	7940	8500	13700	64300	8100	1060	2450
15	1380	3780	620	2100	1100	6360	8850	20000	44000	5860	1000	2210
16	1420	3110	650	2200	1100	6090	8410	24400	22600	6650	873	2290
17	1950	3310	680	2200	1100	4250	7130	19800	11700	5660	1350	2290
18	1860	3110	710	2300	1200	6450	8310	12700	9020	3820	1280	3340
19	1570	3110	840	2500	1500	4980	8220	9150	8580	4000	1020	4220
20	2130	3400	840	2700	1700	5240	11200	8900	8290	4000	1240	4250
21	1860	3110	820	2800	2300	6170	9780	8650	8870	3800	1510	3880
22	1950	3340	1000	3000	3700	5810	9670	7660	8480	3500	1200	3400
23	1880	3050	1300	3500	5200	4450	11000	9670	7890	3200	856	2870
24	2020	3250	1500	4000	8500	6450	25000	11400	7050	3010	1420	2590
25	2200	3250	1500	6700	10800	6050	22000	10800	5700	3160	2670	2530
26	1840	3170	1600	7890	10800	6790	20700	8460	5350	3660	3820	2420
27	2040	3050	1900	7660	13300	7440	20400	7570	4680	2980	3950	2530
28	1900	3450	2200	9780	11400	6710	18000	8120	4860	2420	3100	2730
29	2300	3170	2300	7890	9780	6660	14300	8260	4290	2340	2900	2780
30	2150	2700	2000	6540	-----	5780	12600	7530	3850	2160	4390	2480
31	2320	-----	2300	6580	-----	4520	-----	6960	-----	2230	6740	-----
Mean	1717	3022	2116	3675	4896	6282	9968	11900	15880	4825	2331	3187
Max.	2320	3780	3510	9780	13300	10400	25000	24400	80600	10800	6740	6920
Min.	1240	1670	620	2000	1000	2900	4410	6360	3850	2160	856	2210
A. F.	105600	179800	130100	226000	281600	386200	593200	731800	945000	296700	143300	189600

Total acre-feet 4208900.

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For the Water Year Ending September 30, 1943

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain* _____	250	300	200	200	150	150	100	300	600	500	500	300	3550
Bayard Sugar Factory Drain _____	3250	2470	2180	1970	1650	1690	1550	1920	1340	2050	2590	2960	25620
Cleveland Drain† _____	200	150	100	60	60	100	200	710	1210	640	540	780	4750
DeGraw Drain* _____	350	250	250	200	200	100	100	150	150	150	100	180	2180
Dugout Creek, Uppert† _____	350	200	100	80	80	100	150	1230	2640	2810	680	1190	9610
Fairfield Seep* _____	60	60	40	30	30	50	100	120	100	120	180	100	990
Fanning Seep* _____	400	300	150	100	100	200	250	200	240	200	200	150	2490
Gering Drain _____	2410	1930	1830	1690	1350	1490	1500	3920	5520	2620	3220	3890	31370
Horse Creek _____	4310	2890	1990	1640	1740	2040	2810	7760	5760	3670	3890	5380	43880
Indian Creek† _____	600	500	500	300	250	250	300	490	820	760	690	860	6320
Lane Drain† _____	200	180	150	100	80	60	60	60	60	80	150	200	1380
Melbeta Drain† _____	150	100	60	60	60	100	150	420	430	170	110	440	2250
Nine Mile Drain _____	8850	6630	6440	5450	4500	4660	4530	5450	8430	8770	11540	11760	87010
Red Willow Drain _____	8140	5590	5210	4250	3600	3880	3370	4420	5020	6960	4980	7570	62990
Scottsbluff Drain No. 1† _____	700	500	400	300	400	300	300	320	480	370	940	1140	6150
Scottsbluff Drain No. 2† _____	400	300	200	100	100	80	100	280	340	390	360	490	3140
Sheep Creek _____	5480	4680	4520	3960	3600	3970	3720	700	995	985	635	445	33690
Spotted Tail Creek, Dry† _____	2500	2000	1500	1500	1200	1200	1400	1930	2430	3420	4030	2680	25790
Spotted Tail Creek, Wet† _____	750	800	600	500	600	600	600	650	650	700	650	600	7700
Tub Springs† _____	3000	3100	2500	2000	1500	2000	2500	3040	3610	1170	910	2120	27450
Winters Creek _____	5040	3580	3260	3140	2760	2840	2580	3150	4010	2280	3630	5950	42220
Total _____	47390	36510	32180	27630	24010	25860	26370	37220	44835	38815	40525	49185	430530

* Estimated for entire year from measurements.

† Estimated October-April inclusive. One reading daily May-September.

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For the Water Year Ending September 30, 1944

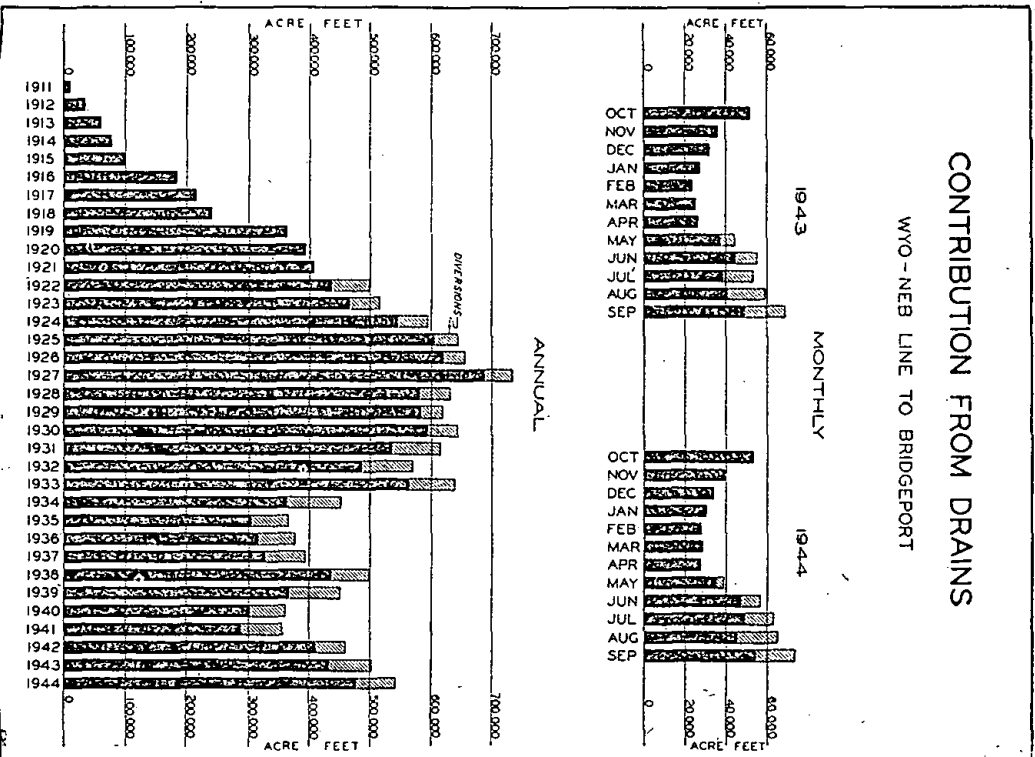
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Bald Drain*	200	250	200	180	120	180	200	250	600	450	400	500	3530
Bayard Sugar Factory Drain	3210	2460	2130	1870	1750	1950	1840	1420	2070	2340	2720	3370	27130
Cleveland Drain†	700	300	150	100	60	60	100	290	690	720	1020	690	4880
DeCraw Drain*	300	280	250	200	300	250	250	180	200	200	240	260	2910
Dugout Creek, Upper†	600	400	300	180	200	150	180	610	3800	2870	720	790	10800
Fairfield Scep*	50	40	20	20	30	30	50	50	80	80	40	60	550
Fanning Scep*	200	150	100	100	120	180	150	150	180	180	150	100	1760
Gering Drain	2430	2020	1800	1600	1480	1610	1470	2780	4550	4350	3990	4460	32940
Herse Creek	5080	2720	1800	1310	1780	1740	1830	4500	4740	5170	4200	6040	40910
Indian Creek†	650	500	400	350	300	350	400	770	1080	1390	900	2360	9450
Lane Drain†	150	100	100	80	60	60	40	60	150	120	100	180	1200
Melbeta Drain†	200	150	120	100	100	120	180	270	360	450	260	450	2760
Nine Mile Drain	10540	7520	6610	6000	5210	5470	5220	5010	8610	10230	12440	13660	96520
Red Willow Drain	8820	5860	5280	4540	3970	4150	3790	6220	7850	8630	6000	8290	73380
Scottsbluff Drain No. 1†	1000	750	600	550	500	450	500	400	500	700	840	1310	8100
Scottsbluff Drain No. 2†	300	150	100	60	60	80	100	130	760	650	420	490	3280
Sheep Creek	4610	5100	4970	4690	4250	4330	3960	3840	1600	551	624	755	39280
Spotted Tail Creek, Dry†	2500	2000	1800	1700	1500	1600	1700	2430	2760	3160	4900	2590	28940
Spotted Tail Creek, Wet†	800	900	800	800	850	800	750	700	800	700	600	550	9050
Tub Springs†	4390	3600	2800	2700	2500	2200	2250	2370	2480	2860	1130	1890	31170
Winters Creek	7160	4300	4060	3780	3230	3230	2910	3030	3590	3320	3720	5720	48089
Total	53890	39550	34390	30910	28370	28970	27900	35460	47850	49401	45414	54515	476620

*Estimated for entire year from measurements.

†Estimated October-April inclusive. One reading daily May-September.

CONTRIBUTION FROM DRAINS

WYO - NEB LINE TO BRIDGEPORT



DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
Values in Acre-feet

For the Water Year Ending September 30, 1943

	May	June	July	Aug.	Sept.	Total
Tri-State Canal from:—						
Akers Draw	540	620	740	760	770	3430
Sheep Creek	3390	3080	4070	5120	5670	21330
Dry Spotted Tail Creek	0	0	0	0	1630	1630
Wet Spotted Tail Creek	580	760	890	1330	2250	5810
Tub Springs	660	640	1940	2150	2430	7820
Lateral from Alliance Drain*	900	1000	1000	1100	1200	5200
Enterprise Canal from:—						
Stewart and Morrill Drains	44	202	123	167	192	728
Wet Spotted Tail Creek	507	298	383	480	416	1884
Tub Springs	24	0	714	1360	504	2602
Winters Creek	10	256	270	290	278	1104
Winters Creek Canal from Winters Creek	805	2110	3165	3115	3020	12215
Alliance Canal from:—						
Bayard Drain	5	990	620	230	0	1845
Red Willow Creek	300	1590	1210	2890	1720	7710
Total	7565	11546	15125	18992	20080	73308

* Estimated.

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
Values in Acre-feet

For the Water Year Ending September 30, 1944

	May	June	July	Aug.	Sept.	Total
Tri-State Canal from:—						
Akers Draw	710	610	680	680	650	3330
Sheep Creek	540	2800	4460	5650	5810	19260
Dry Spotted Tail Creek	0	0	0	510	1650	2160
Wet Spotted Tail Creek	680	1050	1010	1840	2190	6770
Tub Springs	44	610	1020	1780	2300	5754
Lateral from Alliance Drain	0	390	1050	1480	1000	3920
Enterprise Canal from:—						
Stewart and Morrill Drains	22	60	61	61	60	264
Wet Spotted Tail Creek	285	530	555	600	555	2525
Winters Creek Canal from Winters Creek	760	1630	2860	2720	2080	10050
Alliance Canal from:—						
Bayard Drain	360	640	560	490	130	2180
Red Willow Creek	240	680	1040	2440	1710	6110
Total	3811	9400	13766	19911	19145	66033

SUMMARY OF MONTHLY CONSUMPTION FOR IRRIGATION AND POWER, VALUES IN ACRE-FEET,
BY SECTIONS, BETWEEN GUERNSEY, WYOMING AND ODESSA, NEBRASKA

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
WATER YEAR ENDING SEPTEMBER 30, 1943													
Guernsey-Whalen	7440	0	0	0	0	0	54450	81000	97070	201490	207140	142740	791330
Whalen-State Line*	2540	1870	0	0	0	0	670	11980	14920	32930	19000	11700	95610
State Line-Mitchell	†	†	†	†	†	†	2130	51502	57935	86025	82651	58839	339082
Mitchell-Minatare	†	†	†	†	†	†	†	4981	9432	16900	16695	11902	59919
Minatare-Bridgeport	310	†	†	†	†	†	†	4798	12293	15887	21445	14302	69035
Bridgeport-Lisco	533	†	†	†	†	†	†	2407	2385	4932	6394	6383	23034
Lisco-Oshkosh	5	†	†	†	†	†	†	†	175	845	685	948	2658
Oshkosh-Keystone	955	†	†	†	†	†	40	2780	4110	5265	4865	5140	23355
Keystone-North Platte	14570	14380	30320	26220	7030	3570	33090	23272	50181	32348	26907	44080	303568
North Platte-Odessa	42620	43600	30700	13810	28960	32110	48200	55123	67834	106294	154144	90727	714122
Total, State Line-Odessa	68973	59850	61020	40030	35990	35680	138580	238043	316335	502916	539926	386761	2424104

WATER YEAR ENDING SEPTEMBER 30, 1944													
Guernsey-Whalen	0	0	0	0	0	13460	53400	75010	109810	189450	207820	148530	797480
Whalen-State Line*	2540	1870	-0	0	0	0	670	11980	14920	32930	19000	71700	95610
State Line-Mitchell	12522	†	†	†	†	†	†	30072	61088	80373	82298	59151	325504
Mitchell-Minatare	1510	†	†	†	†	†	†	3380	9350	12670	16850	11580	55640
Minatare-Bridgeport	2570	†	†	†	†	†	†	3090	9540	11890	15920	11660	54640
Bridgeport-Lisco	380	†	†	†	†	†	†	1067	2301	1971	4811	3750	14280
Lisco-Oshkosh	790	†	†	†	†	†	†	0	70	642	760	930	3192
Oshkosh-Keystone	3360	220	†	†	†	†	†	1236	2340	4290	4690	2670	18806
Keystone-North Platte	43840	30890	19480	12510	4310	-2670	14620	32280	32270	52060	56920	50580	347790
North Platte-Odessa	49460	30350	49830	85430	81880	46470	44690	24510	38790	46200	86630	41725	625965
Total, State Line-Odessa	116972	63330	69310	97940	86190	57260	113380	183625	280479	432446	495699	342276	2338907

* Six year average used in lieu of actual records of diversions, which were not available for 1943 and 1944.

† None reported.

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

Project	1943			1944		
	Natural	Storage	Total	Natural	Storage	Total
Tri-State	13087	196546	209633	38304	173677	211981
Mitchell	15690	25530	41220	22220	15490	37710
Gering	14996	23514	38510	16980	15110	32090
Northport	3398	*63648	67046	2810	*59794	62604
Dawson	3790	56200	59990	3290	47730	51020
Gothenburg	9537	25113	34650	5647	23483	29130
Six Mile	801	449	1250	631	619	1250
Cozad	14134	10184	24318	7523	12317	19840
Orchard-Alfalfa	5260	3707	8967	3640	3340	6980
Thirty Mile	16471	30459	46930	12448	27762	40210
Elm Creek	4330	3037	7367	2063	5557	7620

*Including Drains.

MONTHLY EVAPORATION IN FEET—1943

Station	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Pathfinder Dam*		0.479	0.760	0.971	0.934	0.585	—	3.729
Whalen Dam* .....		.518	.602	.843	.752	.402	—	3.207
Mitchell†	0.477	.379	.554	.767	.657	.503	—	3.337
Bridgeport* .....	.472	.382	.531	.737	.605	.429	0.282	3.438
Box Butte Experiment Station† .....	.412	.480	.942	.649	.457	—	—	2.940
Kingsley Dam* .....		.462	.667	.885	.714	.520	.299	3.547
North Platte† .....	.479	.387	.582	.731	.648	.545	—	3.372
Lincoln* .....	.567	.518	.660	.745	.675	.458	.353	3.976

*United States Weather Bureau Class "A" Station.

†United States Bureau of Plant Industry, pan without ventilation underneath.

MONTHLY EVAPORATION IN FEET—1944

Station	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Pathfinder Dam*	0.479	0.666	0.854	0.947	0.618	—	—	3.564
Whalen Dam* .....	.507	.614	.790	.733	.495	—	—	3.139
Mitchell† .....	.453	.504	.552	.565	.414	—	—	2.488
Bridgeport*	0.307	.563	.618	.626	.684	.495	0.268	3.561
Box Butte Experiment Station†	—	.579	.618	.732	.500	.336	—	2.765
Kingsley Dam* .....	.581	.773	.959	1.046	.690	—	—	4.079
North Platte† .....	.256	.566	.559	.636	.624	.475	—	3.116
Lincoln* .....	.266	.525	.638	.749	.671	.447	.250	3.546

*United States Weather Bureau Class "A" Station.

†United States Bureau of Plant Industry, pan without ventilation underneath.

PRECIPITATION AT VARIOUS POINTS
Data Compiled by Water Years from Records
of the United States Weather Bureau
Values in Inches

Month	Normal		1943		1944	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
* MITCHELL STATION, SCOTTS BLUFF COUNTY—ELEVATION, 4080						
October	1.05	1.05	0.32	0.32	0.81	0.81
November	.36	1.41	.56	.88	.00	.81
December	.44	1.85	T	.88	.09	.90
January	.17	2.02	.12	1.00	.41	1.31
February	.31	2.33	.12	1.12	.37	1.68
March	.56	2.89	.72	1.84	.82	2.50
April	1.55	4.44	1.52	3.36	1.41	3.91
May	2.63	7.07	2.21	5.57	1.58	5.49
June	2.47	9.54	2.06	7.63	2.01	7.50
July	1.78	11.32	.34	7.97	2.12	9.62
August	2.02	13.34	.64	8.61	1.52	11.14
September	1.64	14.98	.19	8.80	.08	11.22

* 30-year record.

* BRIDGEPORT STATION, MORRILL COUNTY—ELEVATION, 3666						
October	1.09	1.09	1.92	1.92	1.25	1.25
November	.43	1.52	.41	2.33	.02	1.27
December	.59	2.11	.24	2.57	.15	1.42
January	.39	2.50	.31	2.88	1.47	2.89
February	.45	2.98	.11	2.99	.61	3.50
March	.82	3.80	.64	3.63	.92	4.42
April	2.12	5.92	1.75	5.38	1.48	5.90
May	2.82	8.74	2.61	7.99	3.00	8.99
June	2.51	11.25	2.41	10.40	4.06	13.05
July	1.98	13.23	6.29	16.69	5.74	18.79
August	1.71	14.94	.37	17.06	1.19	19.98
September	1.36	16.30	.56	17.62	.43	20.41

* 46-year record.

* OSHKOSH STATION, GARDEN COUNTY—ELEVATION, 3393						
October	1.20	1.20	2.48	2.48	0.90	0.90
November	.62	1.82	.49	2.97	.04	.94
December	.56	2.38	.09	3.06	.20	1.14
January	.34	2.72	.06	3.12	1.23	2.37
February	.60	3.32	.13	3.25	.80	3.17
March	.97	4.29	.51	3.76	1.25	4.42
April	2.22	6.51	1.27	5.03	1.47	5.89
May	2.79	9.30	1.62	6.65	1.52	7.41
June	2.67	11.97	2.21	8.86	3.79	11.20
July	2.79	14.76	2.14	11.00	5.32	16.52
August	2.35	17.11	.67	11.67	3.19	19.71
September	1.46	18.57	.11	11.78	.80	20.51

* 30-year record.

* NORTH PLATTE STATION, LINCOLN COUNTY—ELEVATION, 2805						
October	1.07	1.07	0.01	0.01	1.35	1.35
November	.47	1.54	.25	.26	.24	1.59
December	.53	2.07	.15	.41	.04	1.63
January	.39	2.46	.21	.62	1.84	3.47
February	.55	2.99	.08	.70	.70	4.17
March	.86	3.85	.50	1.20	.98	5.15
April	2.06	5.91	2.33	3.53	3.61	8.76
May	2.78	8.69	2.04	5.57	2.60	11.36
June	3.22	11.91	3.45	9.04	2.56	13.92
July	2.74	14.65	2.10	11.14	3.67	17.59
August	2.39	17.04	1.79	12.93	.78	18.37
September	1.35	18.39	.21	13.14	.13	18.50

* 60-year record.

PRECIPITATION AT VARIOUS POINTS—Continued

Month	Normal		1944		1943	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
* LEXINGTON STATION, DAWSON COUNTY—ELEVATION, 2385						
October	1.74	1.74	0.07	0.07	0.69	0.69
November	.78	2.52	.55	.62	.48	1.17
December	.69	3.21	.60	1.22	.00	1.17
January	.40	3.61	.16	1.38	1.57	2.74
February	.76	4.37	.21	1.59	.52	3.26
March	1.05	5.42	.42	2.01	.95	4.21
April	2.40	7.82	2.99	5.00	5.16	9.37
May	3.14	10.96	.49	5.49	3.16	12.53
June	3.74	14.70	2.48	7.97	1.88	14.41
July	3.26	17.96	.97	8.94	5.15	19.56
August	2.92	20.88	1.90	10.84	1.86	21.42
September	2.03	22.91	.43	11.27	.16	21.58

* 53-year record.

* GRAND ISLAND STATION, HALL COUNTY—ELEVATION, 1860						
October	2.12	2.12	0.15	0.15	0.96	0.96
November	1.04	3.16	.41	.56	.14	1.10
December	.75	3.91	.87	1.43	.02	1.12
January	.55	4.46	.28	1.71	1.23	2.35
February	.80	5.26	.68	2.39	.65	3.00
March	1.32	6.58	.22	2.61	1.81	4.81
April	2.45	9.03	1.64	4.25	6.25	11.06
May	3.95	12.98	1.85	6.10	5.90	16.96
June	4.05	17.03	2.54	8.64	5.44	22.40
July	3.55	20.58	3.04	11.68	3.72	26.12
August	3.52	24.10	2.29	13.97	3.74	29.86
September	2.96	27.06	1.42	15.39	1.22	31.08

* 52-year record.

* HOLDREGE STATION, PHELPS COUNTY—ELEVATION, 2324						
October	1.66	1.66	0.32	0.32	0.24	0.24
November	.90	2.56	.47	.79	.17	.41
December	.66	3.22	.87	1.66	.14	.55
January	.41	3.63	.08	1.74	1.50	2.05
February	.78	4.41	.28	2.02	.75	2.80
March	1.05	5.46	.62	2.64	2.33	5.13
April	2.62	8.08	4.09	6.73	8.16	13.29
May	3.78	11.86	.92	7.65	3.18	16.47
June	3.81	15.67	4.71	12.36	1.81	18.28
July	3.25	18.92	4.56	16.92	2.48	20.76
August	2.97	21.89	2.15	19.07	3.12	23.88
September	2.12	24.01	.45	19.52	.24	24.12

* 41-year record.

* COLUMBUS STATION, PLATTE COUNTY—ELEVATION, 1442						
October	1.84	1.84	0.34	0.34	2.88	2.88
November	1.17	3.01	.37	.71	.39	3.27
December	.71	3.72	1.08	1.79	.00	3.27
January	.51	4.23	.23	2.02	.84	4.11
February	.91	5.14	.76	2.78	1.17	5.28
March	1.21	6.35	.56	3.34	2.13	7.41
April	1.32	7.67	2.55	5.89	7.41	14.82
May	4.12	11.79	1.17	7.06	5.24	20.06
June	4.40	16.19	4.47	11.53	4.73	24.79
July	3.54	19.73	4.47	16.00	4.07	28.86
August	3.65	23.38	.96	16.96	3.56	32.42
September	3.21	26.59	.08	17.04	1.13	33.55

* 49-year record.

PRECIPITATION AT VARIOUS POINTS—Concluded

Month	Normal		1943		1944	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
ORD STATION, VALLEY COUNTY						
October	1.60	1.60	0.16	0.16	0.92	0.92
November	.87	2.47	.27	.43	.27	1.19
December	.69	3.16	.19	.62	.00	1.19
January	.44	3.60	.43	1.05	1.40	2.59
February	.67	4.27	.40	1.45	.73	3.32
March	1.00	5.27	.76	2.21	1.54	4.86
April	2.67	7.94	2.35	4.56	5.37	10.23
May	3.57	11.51	3.47	6.03	6.42	16.65
June	4.04	15.55	3.14	9.17	3.79	20.44
July	3.40	18.95	2.71	11.88	1.35	21.79
August	3.15	22.10	.40	12.28	2.41	24.20
September	2.40	24.50	3.62	15.90	1.03	25.23

* GENOA STATION, NANCE COUNTY—ELEVATION, 1584

October	1.80	1.80	0.07	0.07	2.08	2.08
November	1.00	2.80	.21	.28	.23	2.31
December	.86	3.66	.89	1.17	.00	2.31
January	.52	4.18	.28	1.45	1.03	3.34
February	.74	4.92	.75	2.20	1.03	4.37
March	1.13	6.05	.26	2.46	1.50	5.87
April	2.43	8.48	2.19	4.65	5.30	11.17
May	4.03	12.51	2.20	6.85	4.53	15.70
June	4.43	16.94	4.64	11.49	4.37	20.07
July	3.58	20.52	3.99	15.48	2.94	23.01
August	3.46	23.98	.80	16.28	2.79	25.80
September	3.24	27.22	.24	16.52	1.48	27.28

* 67-year record.

* FORT ROBINSON STATION, DAWES COUNTY—ELEVATION, 3807

October	1.39	1.39	2.64	2.64	1.85	1.85
November	.47	1.86	.37	3.61	.20	2.05
December	.68	2.54	.17	3.78	.45	2.50
January	.52	3.06	.54	4.32	1.90	4.40
February	.65	3.71	.39	4.71	1.54	5.94
March	.93	4.64	1.56	6.27	1.78	7.72
April	1.95	6.59	2.61	8.88	1.98	9.70
May	2.79	9.38	3.74	12.62	4.06	13.76
June	2.48	11.86	3.01	15.63	4.00	17.76
July	2.24	14.10	3.97	19.60	3.03	20.79
August	1.71	15.81	.70	20.30	2.10	22.89
September	1.42	17.23	.65	20.95	1.04	23.93

* 58-year record.

* CULBERTSON STATION, HITCHCOCK COUNTY—ELEVATION, 2565

October	1.30	1.30	0.61	0.61	0.60	0.60
November	.71	2.01	.54	1.15	.25	.85
December	.68	2.69	.39	1.54	.17	1.02
January	.34	3.03	.26	1.80	1.97	2.99
February	.58	3.61	.09	1.89	.99	3.98
March	1.04	4.65	.76	2.65	1.71	5.69
April	2.00	6.65	1.71	4.36	7.91	13.60
May	2.98	9.63	1.15	5.51	2.53	16.13
June	3.28	12.91	2.03	7.54	1.58	17.71
July	2.95	15.86	1.39	8.93	5.88	23.59
August	2.56	18.42	2.78	11.71	1.28	24.87
September	1.60	20.02	.05	11.76	.04	24.91

* 39-year record.

REPORT OF THE STATE ENGINEER

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	20	18	65	18	19	4	1	17	1	0	0
2	16	20	25	43	19	14	4	1	7	0	0	0
3	16	20	26	12	24	7	5	1	5	1	0	0
4	16	20	30	10	17	8	5	1	3	3	0	0
5	16	17	28	10	23	8	4	1	5	6	21	0
6	17	15	16	10	19	8	4	1	20	1	0	0
7	16	16	14	10	30	10	5	4	68	0	0	0
8	13	19	23	15	40	12	59	48	62	0	0	0
9	12	19	25	20	23	22	96	56	40	1	0	1
10	12	19	35	25	14	35	48	43	24	3	0	1
11	12	19	40	30	17	47	46	16	35	1	0	1
12	12	19	35	16	22	34	65	16	53	1	0	1
13	12	20	35	17	53	28	43	13	20	1	0	6
14	88	22	30	26	38	23	23	16	62	1	0	6
15	124	23	30	24	23	19	20	35	28	1	0	5
16	129	24	30	15	15	13	13	33	13	2	0	5
17	138	20	24	6	19	12	9	23	19	3	0	8
18	78	22	26	3	23	10	7	22	15	3	0	10
19	48	30	24	2	23	9	6	26	11	2	0	2
20	38	33	22	2	19	23	5	43	9	1	0	5
21	26	26	24	4	15	40	4	33	6	0	0	5
22	28	46	23	8	17	31	3	19	6	0	0	2
23	43	38	19	16	19	26	2	22	5	0	0	4
24	53	51	20	5	17	17	2	35	2	0	0	6
25	38	88	16	3	26	15	1	33	1	0	0	3
26	40	48	24	6	28	10	1	22	0	0	0	4
27	40	26	10	9	26	10	1	26	0	0	0	3
28	46	26	16	12	24	9	1	24	0	0	0	5
29	38	18	19	13	....	9	1	15	0	0	0	3
30	28	18	23	15	....	8	1	8	1	60	0	4
31	22	....	26	16	....	5	....	15	....	2	0	....
Mean	40	27	24	15	23	18	16	21	18	3	0.7	3
Max.	133	88	40	65	53	47	96	56	68	60	21.0	10
Min.	12	15	10	2	14	5	1	1	0	0	.0	0
A. F.	2450	1590	1500	925	1290	1070	968	1290	1070	186	42.0	179

Total acre-feet 12560.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 4-20-52 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	44	37	36	29	28	26	22	43	24	41	42
2	52	44	37	36	29	27	26	22	57	25	37	46
3	50	44	36	34	28	28	27	22	45	28	36	31
4	49	43	36	34	29	28	25	22	38	28	39	54
5	48	43	35	34	29	25	24	22	36	28	42	54
6	48	43	35	33	30	26	24	24	36	26	38	54
7	47	44	34	33	30	27	24	24	27	24	35	50
8	65	44	34	33	30	32	24	28	14	25	41	52
9	64	43	36	34	28	29	27	30	9	24	44	52
10	61	43	36	34	30	28	26	26	18	25	42	54
11	56	43	36	33	32	30	51	26	13	26	43	54
12	58	43	36	32	30	30	35	26	12	26	43	54
13	77	42	36	32	31	28	30	28	18	27	43	54
14	82	42	36	34	30	28	28	30	22	24	45	53
15	61	41	36	33	30	26	27	37	16	26	42	49
16	56	41	36	31	30	28	26	32	19	27	43	52
17	56	39	36	30	30	26	26	59	14	39	42	52
18	54	39	36	30	36	26	25	39	11	54	42	50
19	52	39	35	30	29	27	24	41	14	36	39	49
20	50	38	35	30	30	28	24	36	17	34	41	50
21	48	40	35	32	30	28	24	32	14	35	41	50
22	48	38	35	33	30	28	24	32	13	45	45	51
23	47	40	35	32	30	27	24	34	12	44	49	51
24	45	46	35	30	30	27	24	32	14	43	47	48
25	44	46	35	30	30	27	25	34	16	41	46	47
26	45	39	34	20	30	27	24	28	28	39	44	43
27	45	39	33	30	30	27	22	28	26	38	42	42
28	45	39	36	30	29	26	22	42	22	39	42	43
29	45	38	36	30	....	26	22	32	25	42	44	43
30	45	38	36	30	....	26	22	36	24	44	45	46
31	44	....	36	29	....	26	....	41	....	46	43	....
Mean	53	42	36	32	30	27	26	31	22	33	42	50
Max.	82	46	37	36	32	32	51	59	57	54	49	54
Min.	44	38	33	29	28	25	22	22	9	24	35	42
A. F.	3250	2470	2180	1970	1650	1690	1550	1920	1340	2050	2590	2960

Total acre-feet 25620.

BUREAU OF IRRIGATION

501

BEAVER CREEK NEAR BEAVER CITY—Sec. 23-2-23 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7.8	6.4	7	12	8	14	15	14	43	8.0	1.7	0.4
2	7.5	6.4	7	8	9	15	13	13	12	6.7	1.4	.5
3	6.7	6.0	8	8	15	12	12	13	10	6.2	1.6	.2
4	6.7	6.4	9	8	23	9	15	12	9	6.0	1.6	33.0
5	6.0	5.6	10	8	23	7	13	13	9	5.6	1.4	48.0
6	6.0	5.3	6	11	21	5	16	12	17	9.5	1.1	203.0
7	5.6	6.0	6	9	20	7	12	10	46	18.0	6.2	146.0
8	5.6	7.0	5	9	16	12	14	12	27	18.0	7.2	86.0
9	5.6	6.2	8	9	13	8	15	12	29	15.0	4.9	23.0
10	5.6	6.0	9	9	9	10	14	12	23	11.0	3.1	5.8
11	5.6	6.0	9	10	8	13	28.0	15	128	8.0	3.1	.2
12	4.7	5.8	10	8	9	16	76	35	65	7.0	1.8	.1
13	4.7	6.0	9	10	23	21	32	12	92	5.3	1.2	.3
14	4.7	7.0	10	13	21	17	12	12	76	9.2	1.0	.5
15	4.7	6.0	11	10	19	18	25	12	84	4.9	.7	.5
16	4.7	5.6	12	7	18	17	23	11	60	8.8	2.6	.4
17	5.1	6.0	10	7	16	16	19	12	45	4.3	.5	.4
18	5.1	6.4	14	5	20	14	18	15	38	3.9	.5	.4
19	6.2	6.4	17	5	17	14	17	13	40	3.5	.5	.4
20	5.3	6.0	16	5	10	20	18	12	26	2.9	.4	.3
21	5.3	12.0	13	7	12	18	16	12	23	2.9	.6	.2
22	9.5	6.4	16	7	22	21	16	11	80	2.5	.6	.2
23	15.0	9.5	12	7	21	16	16	11	18	3.3	.5	.5
24	12.0	9.2	14	6	25	16	15	11	17	3.3	.4	.4
25	9.5	9.2	15	6	20	18	15	10	15	2.8	1.4	.3
26	8.0	11.0	15	6	16	16	14	11	15	2.8	2.4	.5
27	7.2	9.2	11	6	12	17	14	10	16	3.1	2.0	.4
28	7.5	6.7	7	7	12	17	14	10	12	2.0	.5	.3
29	7.0	6.7	10	7	—	16	14	11	10	1.7	.4	.2
30	6.2	6.4	11	7	—	15	14	11	8	1.6	2.0	.1
31	6.0	—	12	8	—	17	—	11	—	3.5	1.4	—
Mean	6.7	7.0	11	8	16	15	27	12	34	6.2	1.8	18.4
Max.	15.0	12.0	17	13	25	21	28.0	15	128	18.0	7.2	203.0
Min.	4.7	5.3	5	5	8	5	12	10	8	1.6	.4	.1
A. F.	410.0	414.0	655	486	914	897	1600	736	2050	380.0	108.0	1100.9

Total acre-feet 9750.

BEAVER CREEK AT GENOA—Sec. 14-17-4 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	73	80	60	85	70	90	106	80	808	90	56	48
2	69	66	65	85	70	90	97	76	500	95	55	44
3	72	81	70	70	464	90	93	80	339	417	51	42
4	68	67	70	65	1040	90	87	70	237	346	51	43
5	72	73	75	50	920	90	86	72	105	617	48	55
6	67	73	75	65	830	90	86	75	90	310	49	44
7	69	71	80	55	524	90	83	73	108	150	52	48
8	73	73	80	55	90	90	87	75	128	125	52	50
9	72	72	80	60	90	90	99	75	121	110	51	48
10	74	74	80	55	90	90	108	77	105	100	50	47
11	65	74	80	60	90	90	134	75	1200	90	48	45
12	70	73	80	55	90	90	160	80	429	85	81	46
13	67	73	80	60	90	90	133	80	1210	78	81	46
14	72	73	80	75	90	90	179	80	1650	76	48	47
15	67	75	80	80	90	90	160	82	2260	72	42	45
16	63	71	80	75	90	80	140	124	1240	84	41	45
17	63	72	80	70	90	60	125	88	499	73	42	44
18	63	71	80	70	90	55	110	88	665	78	44	44
19	53	70	75	70	90	55	105	88	273	84	37	44
20	66	70	70	70	90	65	92	85	199	73	41	42
21	61	70	75	70	90	80	92	85	166	67	40	46
22	64	72	80	70	90	102	87	82	150	72	40	43
23	65	71	80	70	90	105	86	80	125	66	41	48
24	49	69	75	70	90	119	82	80	176	66	42	48
25	45	70	75	70	90	96	83	78	200	62	45	48
26	60	72	80	70	90	99	82	73	174	61	52	48
27	74	70	70	70	90	97	82	82	130	66	51	48
28	59	65	45	70	90	99	75	76	111	62	66	46
29	61	70	70	70	—	92	80	129	97	58	58	51
30	60	80	75	70	—	92	75	320	91	58	52	51
31	66	—	75	70	—	100	—	402	—	64	51	—
Mean	65	72	75	68	211	89	103	100	453	124	50	46
Max.	74	81	80	85	1040	119	179	402	2260	617	81	55
Min.	45	65	45	50	70	55	75	70	90	58	37	42
A. F.	4010	4290	4600	4170	11700	5450	6140	6180	26950	7650	3090	2760

Total acre-feet 86990.

REPORT OF THE STATE ENGINEER

BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	156	132	132	169	150	153	146	166	123	118	137	108
2	154	132	134	166	170	134	153	172	118	112	144	103
3	153	129	143	159	166	146	153	169	118	190	150	103
4	151	135	150	179	166	123	146	172	101	153	132	112
5	149	140	126	169	172	120	146	190	86	115	207	112
6	147	145	132	150	182	130	146	176	99	103	159	112
7	146	152	169	156	196	130	146	169	103	101	118	108
8	144	160	172	172	211	130	146	182	103	179	108	110
9	144	169	172	169	190	130	196	200	134	143	115	110
10	144	146	132	169	159	130	223	182	219	126	97	115
11	144	153	150	159	150	126	285	179	179	115	83	118
12	143	156	159	159	170	132	219	159	166	115	79	118
13	143	146	159	162	176	134	159	159	179	112	88	115
14	143	156	159	172	159	137	153	156	380	108	90	120
15	143	156	166	190	156	134	156	172	172	110	81	134
16	143	159	166	115	162	140	153	143	146	166	79	123
17	144	150	166	100	162	140	150	153	134	134	105	132
18	144	153	156	100	166	150	150	143	134	140	101	132
19	144	156	134	100	169	150	143	140	137	129	97	123
20	145	134	137	120	166	160	145	146	110	120	97	123
21	145	134	140	110	162	176	150	143	108	120	97	123
22	145	143	153	130	172	172	146	150	110	115	97	123
23	146	137	169	170	156	176	140	140	101	150	108	123
24	146	153	169	140	143	179	150	140	103	123	97	126
25	146	159	166	90	150	169	150	129	112	118	103	126
26	147	143	169	130	162	153	156	115	105	112	103	118
27	147	150	140	130	162	150	150	126	108	110	101	112
28	147	140	169	130	166	150	159	126	101	110	94	112
29	148	129	146	150	—	153	176	129	103	110	105	132
30	148	130	153	160	—	159	166	129	115	103	140	134
31	148	—	153	150	—	150	—	146	—	132	129	—
Mean	146	146	153	146	167	146	162	155	134	126	111	118
Max.	156	169	172	190	211	179	285	200	380	190	207	154
Min.	143	129	126	90	143	120	140	115	86	101	79	103
A. F.	9000	8680	9400	8980	9260	8960	9630	9520	7950	7720	6830	7050

Total acre-feet 102880.

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-42 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	46	93	103	98	111	96	100	81	3.7	7.2	14.0	0.3
2	46	94	100	95	106	78	101	72	34.0	31.0	54.0	.3
3	50	95	106	87	101	95	101	66	25.0	34.0	12.0	.4
4	60	96	99	86	101	95	101	64	12.0	29.0	6.8	3.4
5	71	95	101	95	101	95	102	62	.9	28.0	43.0	11.0
6	75	95	97	95	103	95	100	59	1.6	25.0	52.0	20.0
7	75	95	99	95	102	95	103	64	2.5	13.0	56.0	17.0
8	75	95	96	93	102	95	104	65	11.0	12.0	47.0	5.5
9	75	95	98	97	98	95	111	66	17.0	12.0	37.0	5.2
10	75	93	98	97	32	99	113	66	39.0	10.0	25.0	4.8
11	75	93	98	97	70	101	107	63	41.0	9.5	12.0	4.4
12	75	98	98	94	80	106	115	60	51.0	10.0	8.0	4.4
13	76	103	98	94	91	104	91	61	71.0	5.2	1.3	4.4
14	94	103	98	97	94	108	83	56	82.0	1.6	.5	6.8
15	103	103	98	100	92	96	87	55	57.0	.4	.3	12.0
16	88	103	98	87	94	45	87	60	48.0	.1	.1	12.0
17	81	101	98	95	98	80	85	82	56.0	.8	.1	17.0
18	82	103	98	95	102	95	85	66	55.0	52.0	.2	13.0
19	82	104	91	95	101	100	85	51	48.0	33.0	.3	18.0
20	84	103	93	95	104	100	85	41	44.0	26.0	.4	24.0
21	84	102	94	95	103	103	85	34	38.0	24.0	.6	24.0
22	86	99	95	95	108	108	86	29	30.0	11.0	.5	25.0
23	88	96	96	95	107	109	81	30	7.2	6.8	.3	20.0
24	89	106	102	95	103	107	81	33	4.4	3.4	.8	16.0
25	91	104	97	95	101	106	81	35	5.6	2.2	19.0	12.0
26	91	97	93	95	101	107	80	31	1.6	1.0	17.0	12.0
27	93	100	74	95	101	104	77	26	.4	1.3	11.0	24.0
28	92	103	88	95	100	107	80	14	.2	3.1	10.0	28.0
29	92	96	97	95	—	106	80	2	.4	3.4	3.7	24.0
30	90	107	96	95	—	107	81	12	.4	7.6	.7	16.0
31	92	—	95	95	—	103	—	7	—	4.0	.5	—
Mean	80	99	96	95	97	98	92	49	26.3	13.1	14.0	12.9
Max.	103	107	106	100	111	109	115	82	82.0	52.0	56.0	28.0
Min.	46	93	74	86	32	45	77	2	.2	.1	.1	.3
A. F.	4910	5890	5930	5820	5370	6030	5470	3000	1560.0	808.0	861.0	760.0

Total acre-feet 46418.

BUREAU OF IRRIGATION

503

BLUE RIVER, BIG. AT BARNSTON—Sec. 13-1-7 E.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	208	164	172	203	259	325	203	167	236	225	258	112
2	206	200	169	187	273	266	205	105	250	208	253	160
3	196	266	120	188	2630	221	202	201	267	270	222	125
4	164	141	115	145	4160	207	195	165	210	182	189	104
5	293	140	153	145	3760	216	212	331	2410	2700	653	46
6	272	139	146	168	3630	204	205	892	5490	1820	483	139
7	196	175	162	170	4120	197	171	287	3240	1810	486	124
8	192	127	178	165	5090	207	194	226	7880	1620	470	91
9	192	180	162	155	4740	246	204	261	4870	1300	678	226
10	167	185	163	140	2880	217	203	364	16000	965	652	54
11	104	139	142	150	1960	233	238	369	20000	726	407	90
12	151	148	198	165	1400	246	306	410	20600	531	397	71
13	171	184	175	155	1020	208	198	327	20300	416	263	115
14	172	198	293	195	594	181	195	304	11400	557	236	103
15	143	159	149	166	760	320	173	465	9800	935	406	88
16	202	193	148	165	724	221	154	550	13100	730	393	188
17	143	153	211	210	577	213	241	1520	4520	518	221	138
18	110	163	184	171	576	258	250	1780	2940	393	232	85
19	212	156	179	413	541	217	372	1100	2050	457	268	76
20	209	162	130	584	467	217	226	899	1380	361	250	125
21	150	171	207	585	408	211	206	718	1070	3550	180	95
22	142	160	179	533	426	257	198	536	863	3150	120	88
23	148	182	141	553	404	240	213	356	727	2570	209	108
24	174	165	161	450	368	239	203	411	536	1800	128	108
25	134	158	176	480	389	221	211	298	506	1170	139	109
26	170	151	290	400	320	281	262	257	446	823	174	73
27	212	183	130	302	266	348	203	239	429	778	119	101
28	177	170	230	300	295	240	107	248	440	764	132	97
29	164	115	252	287	—	296	148	250	378	520	122	102
30	148	169	220	220	—	237	252	223	350	420	164	93
31	145	—	220	272	—	200	—	243	—	292	132	—
Mean	176	167	179	272	1537	238	212	468	5090	1050	291	109
Max.	293	266	293	585	5090	348	372	1780	20600	3550	678	226
Min.	104	115	115	140	259	181	107	105	210	182	119	46
A. F.	10840	9910	11020	16700	85360	14660	12590	28760	302900	64580	17920	6470

Total acre-feet 581710.

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 6-1-3 E.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	217	150	80	183	253	178	157	164	111	219	157	79
2	210	150	100	183	273	155	154	162	113	212	178	70
3	217	149	121	178	1650	147	154	162	115	204	162	77
4	212	150	128	154	4660	140	154	160	127	202	144	76
5	204	152	133	133	3510	140	154	160	403	556	141	80
6	195	152	130	166	1350	130	154	152	517	858	144	93
7	185	152	133	152	720	110	155	154	876	1030	134	80
8	183	152	142	152	548	110	155	149	1050	688	132	83
9	180	150	154	155	433	193	166	149	1970	394	144	83
10	180	152	154	162	330	208	174	147	4900	317	128	84
11	178	149	154	169	275	196	394	142	9100	271	124	84
12	176	147	149	166	271	183	2040	141	11800	245	122	80
13	171	147	157	166	289	182	892	139	7170	229	120	85
14	169	149	155	182	251	178	462	134	2760	219	117	86
15	176	150	157	162	245	167	350	138	3470	206	108	84
16	166	147	159	150	233	160	293	342	6180	202	108	80
17	155	147	166	150	233	160	255	359	3410	191	101	84
18	162	147	160	160	216	162	233	221	1220	183	104	80
19	159	149	146	160	212	146	214	178	813	187	100	77
20	159	146	134	160	206	187	208	149	626	178	103	86
21	155	149	144	160	202	180	202	136	519	176	103	81
22	155	150	152	160	206	180	191	132	452	169	99	83
23	155	152	150	210	200	176	183	126	407	162	88	76
24	159	147	160	220	198	176	187	132	370	155	94	84
25	157	147	160	230	198	171	180	122	341	154	85	81
26	157	146	166	221	191	169	178	120	308	150	85	84
27	155	147	142	245	185	171	174	117	285	166	84	86
28	157	144	136	253	185	167	173	127	267	162	84	86
29	154	124	114	255	—	162	171	108	247	155	80	79
30	157	100	142	261	—	159	166	115	233	144	85	86
31	154	—	171	261	—	157	—	113	—	142	81	—
Mean	173	146	144	184	633	165	291	156	2005	275	114	82
Max.	217	152	171	261	4660	208	2040	359	11800	1030	178	93
Min.	154	100	80	133	185	110	154	108	111	142	80	70
A. F.	10650	8710	8840	11280	35150	10120	17300	9620	119300	16910	7020	4870

Total acre-feet 259770.

REPORT OF THE STATE ENGINEER

BUFFALO CREEK NEAR HAIGLER—Sec. 20-1-40 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	12	12	11	12	11	10	13	10	4.2	0.3	0.6
2	9	12	12	11	11	10	10	11	10	2.5	.2	.7
3	9	12	11	11	11	11	10	10	10	2.0	.2	3.5
4	10	12	11	11	12	13	10	12	10	1.9	.1	3.9
5	10	12	12	11	11	12	10	11	10	1.8	.1	1.9
6	9	12	12	10	12	11	10	10	11	1.7	.1	1.8
7	9	12	11	9	12	10	10	13	11	1.7	.2	.6
8	9	12	12	9	12	10	14	13	11	2.4	.3	.4
9	9	12	11	9	11	11	12	15	11	3.4	1.0	.6
10	9	12	11	10	10	12	12	12	11	3.1	2.0	1.6
11	10	12	11	10	11	13	15	12	14	3.0	2.2	4.2
12	10	12	11	10	12	13	16	11	12	2.9	1.9	4.6
13	10	12	11	11	12	13	13	12	11	2.6	.7	3.7
14	12	12	11	11	11	13	12	12	12	1.3	.6	2.8
15	33	12	11	12	11	12	11	14	11	.7	.5	2.8
16	24	12	11	10	11	13	11	12	11	.7	.2	2.9
17	26	12	11	9	11	12	12	12	11	.6	.3	3.8
18	17	12	11	9	11	12	12	12	10	.6	.3	4.9
19	14	12	11	10	11	12	11	12	10	.5	.3	4.6
20	12	12	11	12	11	13	11	12	10	.5	.3	4.6
21	11	11	11	13	11	13	11	11	8	.4	.3	4.5
22	11	11	11	13	11	12	11	11	3	.4	.3	4.5
23	11	11	11	12	11	12	11	11	4	.5	.2	4.6
24	12	12	11	12	11	12	11	11	4	.4	.2	4.9
25	12	13	11	11	11	12	11	11	5	.5	.2	5.3
26	13	12	12	12	11	12	11	11	2	1.0	.2	5.6
27	12	11	11	12	11	12	10	11	2	.4	.2	6.2
28	12	11	10	12	11	12	10	11	5	.3	.4	6.0
29	12	10	11	12	---	10	12	10	5	.3	.5	6.0
30	12	10	11	12	---	10	10	10	7	.3	.5	5.8
31	12	---	11	12	---	11	---	12	---	.3	.6	---
Mean	13	12	11	11	11	12	11	12	9	1.4	.5	3.6
Max.	33	13	12	13	12	13	16	15	14	4.2	2.2	6.2
Min.	9	10	10	9	10	10	10	10	2	.3	.1	.4
A. F.	774	698	686	674	623	723	674	715	515	\$5.0	31.0	212.0

Total acre-feet 6410.

BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	30	25	61	5	20
2	30	40	66	6	44
3	30	49	148	12	24
4	30	27	288	16	24
5	30	27	346	17	31
6	31	30	242	17	138
7	31	36	200	24	79
8	33	38	100	22	94
9	33	58	80	45	77
10	33	52	60	48	46
11	33	40	50	38	67
12	33	50	60	36	60
13	35	70	60	32	67
14	35	181	89	28	78
15	40	249	60	20	56
16	50	235	55	20	59
17	67	50	40	20	60
18	65	32	44	28	30
19	65	30	64	23	61
20	69	24	60	31	40
21	60	19	46	24	52
22	69	44	46	16	63
23	66	42	34	17	48
24	58	58	14	16	43
25	53	42	30	28	37
26	57	54	16	16	33
27	57	91	14	0	32
28	40	38	10	0	26
29	25	31	8	0	33
30	25	67	4	11	33
31	25	---	6	7	---
Mean	43	61	77	20	52
Max.	69	249	346	48	138
Min.	25	19	4	0	20
A. F.	2650	3630	4740	1240	3080

CALAMUS RIVER NEAR BURWELL—Sec. 8-21-16 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	269	285	280	220	260	273	273	244	285	244	229	244
2	269	277	270	220	280	270	264	248	281	244	229	240
3	273	277	230	160	340	250	256	248	285	244	229	240
4	269	285	230	160	330	290	248	248	269	298	229	240
5	273	277	220	180	340	280	248	260	252	312	237	294
6	277	269	220	240	300	270	244	273	269	281	240	269
7	277	277	220	230	270	250	260	269	294	256	237	252
8	285	277	210	270	260	340	264	277	290	237	240	248
9	277	285	230	280	270	350	308	252	290	233	244	252
10	277	277	240	260	210	400	321	256	298	240	237	248
11	277	269	240	270	220	450	430	256	303	229	240	248
12	277	285	260	250	200	460	391	285	402	229	244	250
13	277	285	270	220	180	355	375	281	391	235	237	250
14	277	285	280	260	180	355	370	277	360	229	233	250
15	269	285	300	330	190	335	355	281	396	229	229	252
16	277	285	310	320	210	330	330	285	430	229	229	250
17	269	285	250	280	440	220	310	281	489	229	229	248
18	269	285	260	260	590	520	290	281	435	233	229	246
19	277	294	260	240	285	600	273	285	345	229	229	244
20	277	285	260	220	290	770	281	277	294	229	229	242
21	269	277	270	200	290	610	281	273	281	229	240	240
22	260	277	281	200	298	303	273	273	273	229	229	246
23	269	285	281	200	285	281	256	277	260	229	229	252
24	277	285	281	200	281	281	256	273	248	229	229	244
25	269	303	285	200	269	294	252	256	240	233	260	244
26	277	285	281	200	269	294	269	252	229	229	229	244
27	285	285	280	210	285	285	244	256	229	229	229	244
28	285	285	270	230	285	277	248	256	264	237	229	244
29	285	280	210	230	-----	277	264	281	229	240	237	244
30	285	280	210	220	-----	277	248	281	233	229	248	244
31	277	-----	220	220	-----	269	-----	290	-----	229	244	-----
Mean	275	282	255	232	282	349	289	269	305	240	235	243
Max.	285	303	310	330	590	770	430	290	489	312	260	294
Min.	260	269	210	160	180	220	244	244	229	229	229	240
A. F.	16920	16800	15690	14240	15680	21450	17220	16530	18140	14740	14440	14780

Total acre-feet 196630.

CEDAR CREEK—Sec. 11-18-48 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	6	19	4	10	12
2	5	36	4	11	20
3	5	7	6	16	17
4	5	7	3	6	19
5	5	6	5	6	18
6	5	7	5	14	21
7	6	6	7	20	22
8	5	23	7	20	22
9	6	9	5	18	26
10	6	300	10	18	20
11	5	27	11	3	20
12	6	21	11	2	20
13	6	22	15	2	28
14	6	35	6	2	27
15	14	54	3	4	25
16	22	61	16	4	24
17	21	47	17	5	24
18	22	14	23	4	23
19	21	13	20	5	24
20	18	12	5	2	24
21	15	14	19	4	26
22	6	10	23	4	27
23	6	5	21	11	26
24	12	6	19	11	27
25	11	5	16	11	25
26	15	8	4	11	10
27	15	3	3	11	25
28	11	5	18	11	12
29	3	5	18	11	14
30	2	4	18	9	14
31	2	-----	10	7	-----
Mean	9	26	11	9	21
Max.	22	300	23	20	28
Min.	2	3	3	2	10
A. F.	580	1570	700	540	1270

REPORT OF THE STATE ENGINEER

CEDAR RIVER NEAR FULLERTON—Sec. 33-17-6 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	156	146	130	190	140	180	187	154	1230	170	119	136
2	154	154	92	190	140	200	187	154	1060	170	119	121
3	146	148	85	140	4100	150	180	156	450	1860	108	321
4	138	154	110	95	2100	140	185	180	321	535	115	474
5	146	163	120	110	630	140	170	160	277	518	121	247
6	144	160	130	110	420	180	172	152	302	302	115	190
7	144	156	140	140	320	220	177	160	313	253	117	132
8	140	170	150	130	220	240	180	165	380	190	117	142
9	136	150	160	150	190	220	209	172	201	172	115	140
10	138	152	160	170	230	210	228	175	221	165	114	130
11	130	148	170	170	120	200	253	177	247	165	108	125
12	148	168	170	180	140	230	287	193	2450	146	130	128
13	134	156	170	180	190	300	302	193	4460	153	112	128
14	144	168	200	180	200	130	280	209	2280	150	119	130
15	125	175	210	190	190	45	234	212	1680	142	108	125
16	138	182	210	190	190	40	221	218	576	150	110	123
17	140	180	190	110	150	40	231	198	735	198	110	125
18	96	180	170	90	190	50	228	198	325	165	108	123
19	148	177	160	95	200	50	212	193	302	150	103	128
20	146	177	150	110	210	40	198	185	412	132	110	128
21	150	170	150	120	180	150	187	175	389	140	114	130
22	175	170	160	140	200	353	180	185	358	128	112	125
23	156	175	160	130	190	280	177	175	337	148	106	134
24	146	170	170	130	160	221	177	187	266	123	115	123
25	152	170	160	130	170	212	168	187	215	123	110	125
26	138	165	150	110	160	209	160	175	187	125	110	119
27	148	182	140	130	160	198	168	177	180	121	128	125
28	150	160	100	140	180	185	160	170	156	99	130	128
29	154	140	125	140	---	193	163	2630	160	128	136	121
30	154	120	150	150	---	196	160	606	160	132	134	125
31	152	---	180	140	---	190	---	513	---	134	138	---
Mean	144	163	152	141	418	174	201	232	688	235	116	147
Max.	175	182	210	190	4100	353	302	2630	4460	1860	138	474
Min.	96	120	85	90	120	40	160	152	156	99	103	119
A. F.	8860	9690	9370	8690	23210	10630	11940	17420	40920	14460	7160	8730

Total acre-feet 171140.

CLEVELAND DRAIN—Sec. 6-20-52 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	5	19	18	6	7
2	5	22	17	6	8
3	3	24	14	6	8
4	2	25	14	11	14
5	2	21	14	10	14
6	2	21	11	10	15
7	2	21	13	8	14
8	2	21	8	9	13
9	4	20	6	11	12
10	4	25	11	13	11
11	1	25	9	13	11
12	13	19	7	13	12
13	7	19	12	8	12
14	14	16	11	10	16
15	15	17	9	12	16
16	18	22	8	14	14
17	21	18	8	11	13
18	11	22	2	8	13
19	12	22	13	8	15
20	13	19	13	6	11
21	13	20	6	8	16
22	17	14	8	6	12
23	17	22	14	11	13
24	19	21	12	8	15
25	20	18	13	8	14
26	22	19	13	5	14
27	21	27	9	8	13
28	21	17	5	8	16
29	20	18	10	8	15
30	21	18	10	4	14
31	13	---	6	7	---
Mean	12	20	10	9	13
Max.	22	27	18	14	16
Min.	1	14	2	4	7
A. F.	710	1210	640	540	780

DAWSON COUNTY DRAIN NO. 2--
Sec. 25-10-23 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	3	3	3	4	4
2	3	3	2	5	5
3	3	3	3	4	4
4	3	3	3	4	10
5	3	3	3	4	4
6	3	3	3	5	4
7	3	3	3	5	4
8	3	4	3	5	4
9	3	4	3	5	4
10	3	4	2	5	4
11	3	4	2	6	4
12	3	4	2	6	4
13	3	4	2	6	4
14	3	4	2	6	4
15	3	4	2	6	4
16	3	3	2	5	3
17	3	3	2	5	3
18	3	3	2	5	3
19	3	3	3	5	3
20	3	3	3	5	3
21	4	3	3	5	3
22	4	3	3	5	3
23	4	3	3	5	3
24	4	3	3	5	3
25	4	3	3	5	3
26	4	3	3	4	3
27	4	3	3	4	3
28	3	3	4	5	3
29	3	3	4	5	3
30	3	2	4	5	3
31	3	---	4	5	---
Mean	3	3	3	5	4
Max.	4	4	4	6	10
Min.	3	2	2	4	3
A. F.	200	190	170	290	220

BUREAU OF IRRIGATION

507

DUGOUT CREEK, UPPER—

Sec. 20-20-50 W.

Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	2	43	9	59	6
2	1	67	3	49	7
3	1	69	8	34	6
4	2	74	7	25	9
5	2	64	10	23	10
6	3	63	5	22	19
7	2	62	6	1	32
8	28	72	12	6	26
9	43	63	26	2	23
10	11	36	22	3	34
11	25	41	28	4	22
12	23	50	26	6	15
13	48	62	65	6	17
14	28	54	48	2	18
15	28	76	71	3	8
16	19	77	61	8	7
17	35	74	24	4	8
18	32	63	73	6	8
19	29	40	66	5	8
20	51	49	59	6	11
21	48	27	45	6	11
22	43	10	61	7	45
23	23	2	63	7	14
24	18	2	76	7	14
25	18	38	94	6	17
26	9	3	92	6	17
27	18	6	65	7	36
28	8	18	87	6	38
29	4	12	85	7	59
30	11	14	63	6	55
31	7	—	61	5	—
Mean	20	44	46	11	20
Max.	51	77	94	59	59
Min.	1	2	3	1	6
A. F.	1230	2640	2810	680	1190

ELKHORN RIVER AT NELIGH—Sec. 20-25-6 W.

Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	149	152	150	120	110	198	208	184	181	235	85	114
2	146	150	150	110	100	135	203	179	191	224	79	106
3	143	149	150	150	110	190	202	175	194	217	78	101
4	144	155	160	150	110	120	200	172	181	204	78	136
5	143	152	140	140	110	95	198	170	170	199	73	173
6	144	150	130	120	110	120	194	168	170	186	72	152
7	144	155	130	110	160	140	191	162	175	178	73	140
8	144	160	130	110	100	140	189	162	189	170	73	129
9	140	162	120	110	95	140	219	162	186	161	70	122
10	129	158	120	130	90	140	237	162	189	155	67	119
11	140	161	120	160	100	170	257	161	192	146	63	115
12	140	161	120	150	110	190	376	173	246	185	63	112
13	139	160	120	150	100	220	493	184	408	126	65	110
14	137	160	120	150	95	227	562	176	607	122	63	109
15	137	161	130	160	95	220	576	176	845	117	61	104
16	139	162	150	160	90	115	559	179	1120	121	59	101
17	140	158	160	110	90	180	538	178	1270	121	58	100
18	140	160	160	110	170	190	442	173	1100	115	59	97
19	142	164	150	100	261	200	364	173	976	106	58	95
20	143	162	140	100	255	210	315	170	877	104	58	96
21	140	164	150	100	248	213	284	167	849	108	65	96
22	143	167	150	100	252	226	265	164	905	103	95	95
23	146	170	160	100	235	242	246	161	797	101	112	100
24	146	172	150	100	231	224	233	167	600	100	93	101
25	149	178	140	90	217	242	222	161	427	95	87	98
26	150	176	140	90	213	237	213	154	348	92	105	96
27	152	173	120	90	206	226	206	148	306	92	130	95
28	152	160	120	95	204	220	199	144	284	98	139	94
29	154	117	110	100	—	220	198	140	267	92	168	94
30	155	120	110	100	—	220	189	139	242	91	135	96
31	152	—	110	110	—	214	—	146	—	88	122	—
Mean	144	158	136	119	150	188	293	165	483	136	84	110
Max.	155	178	160	160	261	242	576	184	1270	235	168	173
Min.	137	117	110	90	90	95	189	139	170	88	58	94
A. F.	8880	9420	8350	7290	8340	11570	17410	10180	28740	8330	5170	6540

Total acre-feet 130220.

REPORT OF THE STATE ENGINEER

ELKHORN RIVER AT WATERLOO—Sec. 21-16-10 E.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	430	447	300	380	370	824	647	525	555	692	372	360
2	426	447	330	370	370	447	630	511	501	674	352	333
3	430	447	340	380	490	420	620	496	1400	753	352	314
4	434	443	330	410	1500	480	620	492	1480	870	352	274
5	426	443	330	400	6000	530	603	515	1800	870	333	257
6	426	443	330	380	5000	350	581	586	1140	947	325	240
7	426	439	320	360	2600	410	570	520	824	947	310	234
8	422	430	330	360	1950	570	560	501	740	753	299	250
9	422	434	330	360	1650	510	570	501	680	669	310	254
10	422	430	340	360	1100	520	581	501	698	581	296	274
11	417	430	330	370	400	614	592	492	919	520	288	260
12	413	430	330	380	400	658	603	496	912	492	288	247
13	422	434	330	380	400	822	620	520	1540	469	288	243
14	417	430	340	390	400	792	658	501	6600	456	325	247
15	417	434	340	480	400	829	680	598	6040	447	314	240
16	422	434	350	700	400	779	716	710	5900	447	274	234
17	422	430	350	950	400	390	779	592	3930	447	264	234
18	422	422	350	710	400	420	824	560	2800	443	254	227
19	422	422	360	550	400	300	850	550	3076	603	250	224
20	422	426	360	460	400	310	831	570	2520	728	243	227
21	422	426	370	390	400	439	798	608	1900	1300	240	218
22	430	430	390	360	805	630	772	545	1570	1600	243	218
23	434	426	390	340	792	647	722	520	1380	2200	318	218
24	434	422	380	330	740	753	686	511	1250	1100	478	221
25	434	430	390	340	728	905	674	506	1240	1010	409	221
26	434	439	390	340	766	760	636	501	1220	798	318	221
27	434	417	420	340	779	664	603	478	1020	570	306	221
28	434	417	440	330	831	630	576	473	919	496	344	221
29	443	360	420	330	-----	603	565	464	818	487	413	221
30	452	300	410	340	-----	674	535	473	766	478	333	224
31	447	-----	390	350	-----	664	-----	492	-----	396	333	-----
Mean	428	425	358	417	1103	591	657	526	1871	750	317	246
Max.	452	447	440	950	6000	905	850	710	6600	2200	478	360
Min.	413	300	300	330	370	300	535	464	501	396	240	218
A. F.	26300	25310	22040	25630	61230	36370	39080	32350	111300	46120	19490	14630

Total acre-feet 459850.

BUREAU OF IRRIGATION

ELM CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	9	4	0	1	0
2	9	11	6	1	0
3	9	10	66	1	0
4	9	7	78	1	0
5	9	7	26	2	12
6	10	11	12	1	0
7	10	11	10	1	2
8	10	27	10	1	1
9	10	7	10	1	0
10	10	23	10	0	0
11	9	7	10	0	0
12	8	3	10	0	0
13	8	0	10	0	0
14	8	0	14	0	0
15	8	16	8	0	0
16	8	6	3	0	1
17	8	3	2	0	0
18	10	1	6	0	1
19	13	1	6	0	1
20	11	1	12	0	0
21	10	1	20	0	0
22	6	1	9	0	0
23	4	0	7	0	0
24	5	6	3	1	1
25	6	5	1	1	0
26	5	2	1	0	1
27	5	4	0	0	1
28	4	0	3	0	1
29	4	1	3	0	0
30	3	1	1	0	0
31	4	-	1	0	-
Mean	8	6	12	0.4	0.7
Max.	13	27	78	2.0	12.0
Min.	3	0	0	.0	.0
A. F.	480	350	710	24.0	46.0

FREMONT SLOUGH—Sec. 17-13-29 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5	4	8	8	5	9	9	7	10	5	4	3
2	5	4	8	8	6	7	9	7	8	5	4	3
3	5	4	8	6	6	8	9	7	7	5	4	3
4	5	4	8	8	5	8	9	7	6	6	4	3
5	5	4	8	7	6	8	9	7	6	5	6	3
6	5	5	8	6	6	8	9	7	6	5	5	3
7	3	6	8	6	6	8	9	7	6	5	5	3
8	3	6	8	6	6	8	8	7	6	5	5	3
9	3	6	8	6	7	8	10	7	7	5	4	3
10	3	6	8	7	6	7	15	7	10	5	4	3
11	3	7	8	7	8	8	19	7	13	5	5	3
12	3	7	8	7	9	9	21	7	11	4	5	3
13	3	8	8	7	8	9	19	7	56	4	5	3
14	3	8	8	8	9	10	17	8	30	4	5	3
15	3	8	8	7	10	11	15	8	22	4	4	3
16	3	8	8	8	10	8	13	9	19	5	4	3
17	3	8	9	7	11	9	12	8	17	5	4	3
18	3	8	9	6	11	8	11	8	16	5	4	3
19	3	8	8	6	11	8	10	8	15	5	4	3
20	3	8	8	6	11	8	9	8	13	5	4	3
21	3	8	8	6	11	8	9	8	8	5	4	3
22	3	8	9	6	11	10	7	8	10	5	4	3
23	3	8	9	6	11	13	8	8	8	5	4	3
24	3	8	9	6	11	12	8	7	8	5	4	3
25	2	8	9	6	10	13	8	7	7	5	4	3
26	3	8	9	5	11	12	8	7	6	5	4	3
27	3	8	7	5	10	12	7	7	6	5	4	3
28	3	8	7	5	10	11	8	7	5	5	3	3
29	3	7	9	5	—	11	8	6	4	4	3	3
30	3	8	8	5	—	10	7	6	5	4	3	3
31	4	—	8	5	—	10	—	18	—	4	4	—
Mean	3	7	8	6	9	9	11	8	12	5	4	3
Max.	5	8	9	8	11	13	21	18	56	6	6	3
Min.	3	4	7	5	5	7	7	6	4	4	3	3
A. F.	210	410	500	390	480	570	630	470	700	300	260	180

Total acre-feet 5100.

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	53	49	41	56	38	33	32	29	26	52	42
2	52	50	54	34	53	55	35	26	32	29	58	46
3	45	48	48	50	53	50	39	31	33	30	46	46
4	28	56	54	54	54	54	31	26	30	30	46	44
5	46	51	52	54	54	43	40	21	38	30	49	38
6	50	53	47	52	56	44	36	29	28	30	53	44
7	42	59	54	52	52	45	32	19	53	30	50	40
8	43	48	53	54	48	57	47	29	58	30	41	38
9	46	57	51	52	57	39	33	44	94	27	47	40
10	47	58	56	51	53	33	39	53	90	27	47	42
11	38	52	52	58	58	39	49	45	55	26	38	43
12	44	52	53	49	57	21	60	43	67	38	46	36
13	45	55	51	51	58	38	53	46	59	34	39	45
14	49	55	50	51	48	19	52	44	682	42	42	42
15	49	55	42	53	58	35	45	46	190	41	36	41
16	52	54	42	47	55	30	47	35	101	48	47	40
17	59	52	39	53	54	33	44	45	76	59	35	27
18	80	53	36	50	55	34	36	40	62	51	41	35
19	62	52	44	54	57	36	42	42	54	40	44	31
20	58	52	26	53	54	29	28	43	50	46	36	37
21	43	53	39	58	52	26	50	41	46	46	43	36
22	53	52	38	54	56	34	56	42	38	33	29	30
23	52	54	43	53	52	34	50	34	30	27	43	39
24	49	54	28	50	53	39	55	44	30	33	34	31
25	48	56	35	57	62	26	30	38	31	35	41	37
26	49	47	42	57	46	35	34	39	31	48	39	31
27	45	56	33	52	56	25	37	36	33	45	45	39
28	46	51	42	54	34	29	24	23	33	47	47	32
29	56	48	42	47	—	37	31	24	33	48	48	45
30	49	57	33	56	—	35	26	24	31	45	47	33
31	57	—	38	51	—	38	—	34	—	42	47	—
Mean	49	53	44	52	54	36	40	36	74	38	44	38
Max.	80	59	56	58	62	57	60	53	682	59	58	46
Min.	38	47	26	34	34	19	24	19	28	26	29	27
A. F.	3040	3100	2710	3180	2980	2240	2410	2220	4400	2310	2690	2280

Total acre-feet 33620.

FRENCHMAN RIVER, HARVEY DAM SITE—Sec. 3-5-38 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	72	79	87	69	84	77	58	48	54	61	68	70
2	70	74	81	71	83	63	63	54	53	57	103	71
3	77	71	81	68	84	65	63	54	54	54	74	69
4	72	77	81	71	84	75	67	48	53	54	69	67
5	74	77	83	87	81	80	66	52	54	62	77	67
6	75	75	81	85	84	78	67	52	64	55	76	60
7	72	77	80	84	77	75	68	54	64	55	80	66
8	71	80	87	83	81	75	59	51	84	52	78	56
9	71	77	83	80	84	83	64	54	96	61	71	56
10	70	79	85	81	59	75	72	59	192	55	69	64
11	67	80	87	90	96	72	77	75	95	63	66	75
12	70	80	85	87	78	68	67	70	111	60	67	69
13	75	77	83	84	85	58	63	69	127	58	61	64
14	75	78	87	85	78	63	78	78	769	53	63	63
15	86	77	81	85	79	58	78	72	511	67	68	62
16	92	79	78	85	83	55	75	77	202	70	62	63
17	79	74	77	75	83	57	71	74	136	86	61	60
18	93	80	78	70	80	65	70	71	113	147	58	60
19	96	74	67	72	84	63	67	71	98	90	56	54
20	87	78	63	89	83	61	67	68	93	63	62	51
21	74	80	54	92	78	60	62	72	89	72	62	58
22	69	83	62	84	83	64	60	68	84	70	65	58
23	78	78	72	83	83	62	70	74	76	65	53	48
24	75	91	71	81	83	63	72	68	69	61	52	56
25	75	90	72	85	80	63	77	69	60	57	49	57
26	72	84	67	83	89	65	64	71	56	59	61	65
27	70	87	56	85	81	59	65	68	58	70	70	58
28	68	83	68	83	78	58	67	66	62	68	65	58
29	70	80	69	84	—	60	48	59	60	75	69	58
30	75	84	74	75	—	61	51	56	62	77	71	60
31	74	—	71	79	—	60	—	56	—	75	70	—
Mean	76	80	76	81	82	66	67	64	123	67	67	61
Max.	96	91	87	92	96	83	83	78	769	147	103	75
Min.	67	71	54	68	59	55	48	48	52	52	49	48
A. F.	4650	4730	4670	4970	4530	4050	4000	3920	7340	4110	4120	3660

Total acre-feet 54750.

BUREAU OF IRRIGATION

511

FRENCHMAN RIVER NEAR HAMLET—Sec. 29-5-34 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	109	114	124	105	110	109	91	83	83	90	86	82
2	107	117	133	103	111	103	90	83	83	92	87	79
3	101	119	128	101	116	100	91	82	79	90	91	81
4	102	119	130	98	114	100	94	88	79	87	102	82
5	104	118	122	101	113	103	93	83	79	81	90	80
6	103	121	128	104	114	91	97	81	82	85	93	80
7	110	118	126	111	112	110	97	83	85	82	92	79
8	107	117	126	107	114	120	98	89	93	81	93	77
9	106	123	127	108	109	121	101	88	96	80	91	77
10	105	116	125	109	102	113	96	86	115	77	91	74
11	106	117	122	108	85	107	105	85	174	83	87	74
12	102	117	126	110	121	107	107	94	169	77	83	79
13	105	117	124	115	125	105	105	96	282	80	83	83
14	110	117	123	110	123	101	105	94	262	77	83	80
15	117	117	121	112	121	91	109	97	225	75	82	77
16	121	115	122	113	113	97	107	98	609	79	83	76
17	127	117	119	101	120	88	105	99	314	84	85	78
18	128	116	117	90	117	92	104	97	200	115	83	75
19	119	117	115	95	117	97	101	97	166	164	82	74
20	134	114	116	100	110	97	101	97	146	116	79	74
21	128	114	105	120	117	97	100	96	135	92	79	71
22	122	117	108	125	115	92	97	95	128	85	80	69
23	113	118	97	130	110	101	92	97	121	90	80	75
24	114	117	109	125	116	98	97	97	116	84	80	75
25	115	119	109	115	110	98	100	97	109	83	74	69
26	113	121	109	110	110	97	101	93	101	78	72	75
27	114	121	105	115	113	97	101	93	93	77	74	76
28	114	117	92	115	110	97	95	92	89	80	79	80
29	111	118	103	125	---	89	96	90	90	82	80	77
30	110	121	102	140	---	96	93	88	89	82	79	77
31	117	---	103	125	---	91	---	83	---	83	79	---
Mean	113	118	117	111	113	100	99	91	150	88	84	77
Max.	134	123	133	140	125	121	109	99	609	164	102	83
Min.	101	114	92	90	85	88	90	81	79	75	72	69
A. F.	6930	7000	7170	6840	6300	6160	5890	5600	8910	5380	5160	4570

Total acre-feet 75910.

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	147	157	169	162	170	170	143	76	43	40	19	16
2	147	157	170	167	170	170	145	68	42	40	23	13
3	143	160	167	162	190	172	140	66	39	52	27	14
4	140	160	170	164	180	164	140	48	39	49	15	15
5	137	160	179	159	200	167	142	37	39	45	19	14
6	134	160	165	157	190	160	137	35	46	40	19	12
7	137	160	160	160	190	160	142	33	60	37	10	15
8	140	164	165	164	181	170	148	33	82	35	16	15
9	143	165	164	164	177	200	159	50	94	32	14	16
10	143	160	172	170	170	210	159	49	96	29	18	18
11	143	160	170	170	164	250	165	41	106	25	12	15
12	140	164	174	167	164	197	167	51	126	24	18	15
13	139	160	174	167	188	193	177	56	193	25	19	21
14	140	160	170	181	186	186	184	49	297	22	16	23
15	147	160	177	177	183	181	183	44	284	21	19	19
16	160	160	174	177	179	172	176	48	313	23	18	18
17	165	160	176	130	172	170	165	56	531	25	19	16
18	174	160	177	145	174	169	162	54	332	19	20	16
19	177	157	174	155	176	162	159	54	257	19	18	20
20	174	157	170	150	170	167	152	54	211	48	19	19
21	170	160	170	150	170	169	148	51	162	34	20	22
22	174	162	164	145	170	170	148	48	137	19	21	27
23	170	160	159	140	174	169	135	48	114	20	23	27
24	169	162	159	140	177	176	132	54	94	16	26	27
25	170	162	162	140	174	169	126	57	78	18	21	32
26	155	167	170	150	174	164	126	57	57	15	17	23
27	148	174	165	140	170	159	111	61	53	20	17	28
28	150	174	164	160	170	154	108	58	51	29	21	33
29	152	167	159	175	---	152	97	57	40	20	16	48
30	142	164	167	170	---	152	83	47	40	14	18	37
31	139	---	164	170	---	150	---	42	---	22	21	---
Mean	152	162	168	159	177	173	145	51	135	28	19	21
Max.	177	174	179	181	200	250	184	76	531	52	27	48
Min.	134	157	159	130	164	150	83	33	39	14	10	12
A. F.	9340	9630	10350	9770	9820	10660	8650	3140	8040	1740	1150	1260

Total acre-feet 83550.

REPORT OF THE STATE ENGINEER

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	35	31	30	25	25	22	56	46	41	42	54
2	45	34	31	29	25	24	22	55	72	38	42	50
3	43	35	31	28	25	24	22	44	64	34	43	55
4	44	34	30	29	24	25	22	31	69	32	37	54
5	42	33	29	29	24	24	22	21	63	49	33	54
6	43	33	30	29	23	24	22	22	67	44	63	54
7	42	33	29	29	23	25	22	23	80	28	64	58
8	40	33	29	29	24	26	23	32	107	30	59	63
9	39	33	30	29	22	26	24	49	101	27	56	62
10	40	33	30	29	22	25	23	59	132	29	58	63
11	39	33	30	28	23	25	39	39	112	30	54	61
12	38	32	30	28	23	25	26	29	116	32	49	63
13	40	32	30	29	25	26	24	26	132	36	52	59
14	43	32	30	29	25	25	23	26	137	32	49	64
15	43	31	30	29	25	25	23	61	125	36	49	64
16	40	32	30	28	25	23	24	75	152	32	49	70
17	39	31	30	27	25	23	23	64	123	102	48	90
18	38	31	30	26	25	23	23	90	122	64	49	75
19	38	31	30	26	25	24	23	95	106	66	50	78
20	37	31	29	26	25	24	23	96	71	44	45	84
21	37	31	30	27	25	25	23	92	71	40	49	31
22	37	31	29	29	25	25	22	104	67	40	47	67
23	37	33	30	28	25	25	22	106	69	40	44	62
24	37	35	30	26	25	23	22	97	91	41	47	62
25	35	33	30	25	25	24	24	97	70	42	50	59
26	36	32	29	25	25	24	22	102	71	60	50	64
27	35	33	28	25	25	23	22	97	88	54	48	72
28	36	31	29	26	25	22	28	94	88	50	49	75
29	35	31	30	25	25	22	41	72	91	44	49	81
30	34	33	30	25	25	23	54	72	79	44	50	61
31	34	30	30	24	24	22	22	51	79	39	49	61
Mean	39	32	30	28	24	24	25	64	93	43	52	65
Max.	50	35	31	30	25	26	54	106	152	102	87	90
Min.	34	31	28	24	22	22	22	21	46	27	42	50
A. F.	2410	1930	1830	1690	1350	1490	1500	3820	5520	2620	3220	3890

Total acre-feet 31370.

HORSE CREEK NEAR LYMAN—Sec. 25-23-58 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	100	55	40	31	32	29	34	32	120	78	64	70
2	88	57	38	29	28	25	34	32	120	58	67	73
3	84	55	38	25	25	31	36	31	108	68	65	75
4	83	55	35	25	22	28	33	28	92	69	63	74
5	81	52	35	25	27	30	32	26	78	97	61	74
6	81	52	32	25	25	30	31	25	57	66	61	77
7	79	52	32	24	27	30	37	35	57	64	60	79
8	76	51	29	25	26	30	40	100	61	58	60	81
9	74	50	31	27	22	30	29	182	136	57	60	81
10	75	47	31	26	25	30	29	184	197	54	58	83
11	72	48	31	25	30	30	86	107	119	54	58	86
12	71	48	31	25	33	30	84	32	134	58	58	85
13	74	48	31	26	35	30	79	25	163	54	57	86
14	82	49	32	28	25	30	71	24	148	53	61	85
15	73	48	32	25	35	30	63	72	109	51	65	88
16	74	46	32	25	35	42	58	193	136	56	64	92
17	71	46	32	27	35	35	58	208	121	57	62	98
18	68	46	31	27	35	34	54	176	108	58	60	109
19	65	46	29	27	35	36	52	182	91	58	58	95
20	64	45	30	27	35	35	50	169	82	54	59	95
21	63	42	31	27	35	35	49	143	68	54	58	90
22	62	41	30	27	35	35	46	332	56	53	63	81
23	61	40	33	27	38	35	45	160	56	54	61	83
24	59	57	34	27	36	35	44	173	56	54	62	100
25	57	59	34	27	35	42	45	190	62	54	65	98
26	57	45	31	29	34	39	44	190	68	58	65	102
27	57	45	26	30	32	39	40	170	84	59	67	122
28	57	45	31	29	31	36	40	151	72	60	71	114
29	57	39	36	28	—	36	40	184	55	63	74	101
30	55	40	31	26	—	35	32	204	91	58	78	136
31	54	—	32	25	—	35	—	150	—	60	74	—
Mean	70	48	32	27	31	33	47	126	97	60	63	90
Max.	100	59	40	31	38	42	86	332	197	97	78	136
Min.	54	39	26	24	22	25	29	24	55	51	57	70
A. F.	4310	2890	1990	1640	1740	2040	2810	7760	5760	3670	3890	5380

Total acre-feet 43880.

INDIAN CREEK—Sec. 19-20-50 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	4	19	6	9	13
2	4	29	6	6	13
3	3	33	8	8	13
4	5	15	8	9	13
5	7	30	8	10	13
6	10	27	8	11	14
7	13	25	9	11	14
8	17	8	8	11	13
9	21	11	9	9	15
10	25	11	8	12	15
11	14	12	7	12	15
12	4	12	6	12	15
13	4	12	18	13	16
14	3	12	14	12	14
15	5	16	11	13	12
16	5	17	10	12	13
17	6	13	85	13	12
18	17	13	30	12	15
19	7	13	17	12	13
20	7	13	16	12	13
21	4	14	11	12	14
22	6	4	12	12	14
23	6	4	11	12	15
24	6	9	10	12	15
25	4	6	9	11	16
26	5	8	8	11	17
27	7	6	6	12	18
28	5	7	6	11	16
29	6	6	8	11	18
30	11	7	6	11	18
31	7	—	6	13	—
Mean	8	14	12	11	14
Max.	25	33	85	13	18
Min.	3	4	6	6	12
A. F.	490	\$20	760	690	\$00

LINCOLN COUNTY DRAIN NO. 1—
Sec. 30-14-30 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	40	62	77	83	83
2	40	64	83	80	88
3	40	64	88	80	82
4	40	67	84	80	91
5	40	70	83	95	99
6	43	72	81	89	93
7	43	76	84	95	91
8	43	75	82	69	87
9	43	74	82	87	87
10	43	80	88	85	85
11	45	75	85	85	83
12	46	71	85	82	83
13	46	78	84	82	93
14	50	127	83	82	93
15	50	115	82	84	95
16	50	99	79	87	91
17	50	89	80	85	94
18	70	85	81	84	85
19	46	82	82	93	78
20	50	78	74	95	82
21	50	76	72	91	82
22	51	76	75	93	80
23	55	73	87	93	78
24	52	73	82	93	82
25	60	81	80	97	80
26	59	78	82	103	81
27	56	78	85	102	82
28	56	78	95	93	82
29	56	72	92	85	80
30	62	74	78	83	78
31	62	—	90	95	—
Mean	50	78	83	88	88
Max.	70	127	95	103	99
Min.	40	62	72	69	78
A. F.	3050	4680	5090	5410	5090

LODGEPOLE CREEK BELOW OLIVER
RESERVOIR—Sec. 31-15-56 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	3	3	2	2	3
2	3	4	1	2	3
3	3	4	1	2	3
4	4	3	1	2	3
5	4	3	1	2	3
6	4	3	1	2	3
7	4	3	1	2	3
8	4	3	1	2	3
9	4	3	2	3	3
10	3	3	2	2	2
11	4	3	2	3	2
12	3	2	3	3	2
13	3	1	2	2	2
14	3	1	3	2	2
15	5	1	3	2	2
16	4	1	4	1	2
17	4	0	5	1	2
18	3	0	5	1	2
19	3	0	5	1	2
20	3	0	5	1	5
21	3	0	5	1	5
22	3	0	5	1	2
23	3	1	1	2	2
24	4	1	1	1	2
25	3	2	2	2	2
26	4	2	2	2	2
27	3	2	2	2	2
28	3	2	2	3	2
29	3	2	2	2	2
30	4	2	2	1	2
31	4	—	2	6	—
Mean	3	2	2	2	2
Max.	5	4	5	6	5
Min.	3	0	1	1	2
A. F.	215	110	150	125	150

REPORT OF THE STATE ENGINEER

 LODGEPOLE CREEK AT RUSHNELL—Sec. 33-15-57 W.
 Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	13	14	15	14	16	15	15	15	30	6	8
2	11	13	13	15	15	14	15	15	15	21	7	8
3	11	13	13	12	15	12	15	15	16	18	7	8
4	11	13	12	12	15	10	15	14	15	15	7	8
5	11	13	12	14	12	7	15	14	12	14	8	8
6	11	13	11	13	15	7	15	14	11	14	8	8
7	11	13	11	12	14	10	15	13	13	13	8	8
8	11	13	12	13	17	10	16	14	13	12	8	8
9	10	13	13	14	16	10	17	15	13	12	8	8
10	10	13	13	15	11	10	18	15	13	10	8	8
11	10	13	14	15	12	15	23	14	14	10	8	8
12	10	13	14	15	16	15	24	14	14	10	8	8
13	11	13	14	14	16	15	23	14	13	9	8	8
14	11	13	14	16	17	15	18	14	13	9	8	8
15	11	13	15	15	16	15	17	17	14	9	8	8
16	11	13	15	13	16	15	16	20	15	9	8	9
17	12	15	15	11	16	15	15	22	14	9	9	9
18	12	13	14	11	16	15	15	22	13	8	9	8
19	12	13	13	11	16	15	15	30	13	8	9	8
20	12	13	14	11	16	15	15	34	12	7	9	8
21	12	12	14	12	16	15	15	30	12	6	9	3
22	12	11	14	12	16	15	14	23	12	6	8	8
23	12	12	15	12	16	15	14	20	12	6	8	7
24	12	15	14	12	16	15	15	19	12	5	8	7
25	12	15	14	13	16	15	15	18	12	7	8	7
26	12	13	14	13	16	15	14	17	12	5	8	7
27	13	13	11	13	16	15	14	17	12	5	8	7
28	13	13	13	14	16	15	14	16	12	4	8	7
29	13	12	16	14	—	15	14	16	12	5	8	6
30	13	14	15	14	—	15	15	15	12	5	8	8
31	13	—	15	14	—	15	—	14	—	7	8	—
Mean	12	13	14	13	15	14	16	18	13	10	8	8
Max.	13	15	16	16	17	16	24	34	16	30	9	9
Min.	10	11	11	11	11	7	14	13	11	4	6	6
A. F.	708	774	835	813	851	835	954	1090	776	611	492	464

Total acre-feet 9203.

 LOGAN CREEK AT UEHLING—Sec. 9-20-8 E.
 Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	47	42	40	40	40	48	47	41	383	58	49	38
2	46	41	40	40	40	40	46	40	360	54	47	37
3	47	40	35	40	300	45	43	40	217	70	46	35
4	47	44	40	35	500	40	41	41	217	61	46	33
5	42	45	45	25	600	45	42	42	282	59	50	31
6	41	41	35	40	464	35	39	41	157	56	47	31
7	39	40	35	45	264	30	40	40	103	54	46	34
8	39	40	35	45	181	30	42	38	68	51	46	36
9	42	42	35	40	141	35	46	36	59	46	43	36
10	42	41	30	50	80	35	54	37	61	46	42	34
11	42	40	30	50	80	40	56	38	63	45	40	30
12	43	41	30	40	90	55	57	42	58	44	47	31
13	44	42	30	40	80	80	56	43	67	46	42	36
14	42	44	35	40	65	86	54	41	506	90	38	29
15	43	46	35	75	60	83	52	50	407	75	31	29
16	44	47	40	50	60	40	49	43	558	69	31	30
17	43	43	45	40	60	50	50	37	709	95	30	30
18	44	42	45	25	60	60	46	26	426	200	29	27
19	43	41	40	20	75	65	45	36	266	438	28	25
20	43	40	35	20	85	75	45	35	116	333	29	25
21	45	37	35	25	78	75	45	33	81	113	27	29
22	46	38	40	35	82	91	44	28	69	67	31	30
23	45	39	45	40	70	103	46	30	68	81	64	32
24	44	38	50	35	78	88	43	35	67	54	205	30
25	44	41	50	30	75	75	44	35	62	48	70	30
26	45	40	50	35	95	67	40	34	55	47	44	30
27	44	14	45	40	113	56	42	34	54	155	36	30
28	43	20	40	40	80	54	42	45	55	62	38	32
29	44	40	40	45	—	51	39	37	78	57	36	33
30	43	40	40	45	—	51	41	60	62	56	37	35
31	41	—	40	40	—	50	—	69	—	52	38	—
Mean	44	40	39	39	143	57	46	40	191	90	46	32
Max.	47	47	50	75	600	103	57	69	700	438	205	38
Min.	39	14	30	20	40	30	39	28	54	44	27	25
A. F.	2670	2360	2400	2400	7930	3530	2730	2450	11360	5520	2840	1880

Total acre-feet 48070.

LOUP RIVER NEAR COLUMBUS.
Highway Bridge on West Line of Sec. 30-17-1 E.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	214	202	820	150	110	1510	494	231	1890	225	158	71
2	249	325	425	130	110	840	736	220	1910	214	133	71
3	183	319	350	110	220	500	634	225	612	5050	109	68
4	198	198	310	180	1500	180	760	208	634	10000	109	66
5	198	154	190	290	3600	160	656	193	385	2480	129	898
6	183	178	110	220	1800	1300	724	220	340	3770	77	494
7	158	198	320	170	820	1100	667	220	202	911	106	158
8	183	158	280	160	678	890	542	220	393	504	102	116
9	203	178	200	140	760	730	833	231	362	425	89	89
10	198	154	160	150	198	390	833	225	340	306	85	85
11	173	154	200	130	420	580	1740	188	1890	260	82	74
12	193	168	190	130	490	730	5450	243	4740	188	96	85
13	198	137	180	130	680	1340	2790	178	9910	183	113	92
14	198	168	220	170	560	3490	2200	141	16000	183	106	85
15	183	168	220	210	340	4410	1660	141	28200	193	102	82
16	188	154	240	370	370	1150	1320	168	9110	214	89	89
17	173	266	300	290	330	890	992	158	4100	208	89	113
18	193	188	340	270	430	480	846	150	1800	225	96	68
19	220	173	230	150	460	340	612	173	1140	150	96	71
20	178	163	370	120	1600	440	286	163	924	163	99	71
21	183	163	370	110	1700	1300	208	188	796	178	99	74
22	188	173	410	90	2950	1950	220	188	523	163	106	85
23	188	163	320	70	5410	2900	203	150	425	183	106	89
24	178	193	290	60	3140	1930	198	150	393	193	99	85
25	178	203	360	75	1890	992	203	141	385	168	89	85
26	173	145	420	85	1190	523	198	178	378	133	89	74
27	158	120	310	80	1380	612	188	203	347	173	89	82
28	168	141	300	75	1470	393	193	198	260	1080	89	96
29	188	523	160	80	-----	273	220	299	260	1660	96	89
30	188	1090	140	90	-----	571	208	2980	225	362	102	82
31	158	-----	150	101	-----	542	-----	678	-----	249	82	-----
Mean	187	227	287	148	1236	1079	894	298	2965	980	100	126
Max.	249	1090	820	370	5410	4410	5450	2980	28200	10000	158	898
Min.	158	120	110	60	110	160	188	141	225	133	77	66
A. F.	11530	13500	17620	9100	68640	66320	53180	19350	176500	60290	6170	7510

Total acre-feet 508710.

LOUP RIVER, MIDDLE
AT WALWORTH—
Sec. 1-19-20 W.
Water Year Ending
September 30, 1943

Day	July	Aug.	Sept.
1	-----	646	702
2	-----	630	673
3	-----	622	702
4	-----	608	770
5	-----	822	1040
6	-----	313	786
7	-----	662	752
8	761	670	795
9	727	662	710
10	744	646	710
11	727	646	736
12	736	736	736
13	702	718	718
14	654	702	752
15	678	662	761
16	702	654	752
17	686	654	702
18	670	654	718
19	686	678	718
20	702	678	736
21	718	678	736
22	718	662	736
23	702	686	736
24	662	686	736
25	654	822	770
26	608	925	702
27	608	795	727
28	608	678	885
29	585	678	905
30	615	752	915
31	727	761	-----
Mean	682	700	761
Max.	761	925	1040
Min.	585	608	678
A. F.	32490	43010	45270

REPORT OF THE STATE ENGINEER

LOUP RIVER, MIDDLE, AT ARCADIA—Sec. 26-17-16 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	730	1100	710	760	840	646	1000	483	804	779	547	514
2	746	1110	580	700	820	406	847	527	838	880	458	495
3	838	1090	520	600	860	324	770	653	847	975	508	477
4	821	1020	640	500	890	410	720	653	847	1100	514	1000
5	771	1040	830	460	910	440	550	631	754	985	508	800
6	588	956	940	540	960	350	770	691	779	1000	699	900
7	661	1040	1000	790	950	410	770	617	787	763	661	750
8	838	1166	1100	900	1000	460	820	574	901	706	534	684
9	928	1140	1000	760	1100	560	950	581	847	661	534	646
10	865	1110	900	880	1100	1100	1200	567	865	610	495	610
11	847	1080	850	930	740	1540	1700	602	1040	588	458	646
12	847	910	810	940	340	1310	1300	856	1210	534	547	738
13	856	891	900	920	360	1270	1140	779	1350	495	547	722
14	847	956	1000	920	730	1340	1040	754	1460	477	527	684
15	928	975	1000	960	1200	1150	928	730	1200	489	508	653
16	966	1040	920	900	1200	901	891	771	910	501	470	631
17	901	1060	910	700	990	810	956	738	779	508	429	646
18	779	1040	900	630	990	600	882	730	624	508	429	684
19	795	938	900	550	1100	810	795	691	617	501	412	730
20	847	938	810	280	1000	1100	795	706	610	554	440	684
21	914	763	780	280	800	1500	838	730	610	588	458	670
22	938	795	850	200	760	2000	938	821	602	554	434	660
23	995	838	870	200	980	1550	1060	856	527	541	423	640
24	1020	901	830	280	928	1140	1140	956	534	547	418	699
25	1020	947	760	400	754	1040	1150	812	595	495	434	684
26	1060	1040	720	530	722	966	1060	638	595	483	534	676
27	995	1000	620	560	684	910	901	676	588	483	699	684
28	956	919	450	570	699	910	746	821	706	452	534	700
29	928	830	110	570	-----	882	730	821	588	429	452	710
30	947	800	670	670	-----	870	624	821	638	429	446	720
31	1000	-----	320	740	-----	1200	-----	865	-----	446	477	-----
Mean	876	983	806	632	872	932	944	715	802	614	502	685
Max.	1060	1160	1100	960	1200	2000	1700	956	1460	1100	699	1000
Min.	588	763	410	200	340	324	624	483	527	429	412	477
A. F.	53890	58490	49590	38860	48410	57330	56150	43940	47710	37750	30850	40730

Total acre-feet 563700.

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	787	1520	765	910	730	1300	1300	880	765	710	530	710
2	798	1320	410	860	760	1000	1070	844	856	787	556	682
3	904	1580	378	850	830	900	953	916	844	9740	737	672
4	1040	1450	430	850	870	900	832	916	940	6180	732	2520
5	1000	1530	470	780	820	940	953	856	787	4080	662	1780
6	1000	1510	530	610	800	680	966	868	765	1740	644	1950
7	844	1270	660	600	820	680	904	904	765	1060	710	1640
8	880	1520	700	800	730	940	992	892	1250	892	680	763
9	892	1520	860	900	750	960	1080	809	1160	953	620	743
10	1040	1490	880	900	1100	1000	1330	820	1660	920	570	721
11	1100	1040	840	900	1200	2100	2150	904	2400	880	540	856
12	1020	892	850	900	1200	3100	2650	1000	2180	840	580	820
13	1070	953	790	960	980	2940	1700	1130	6230	820	600	832
14	1120	1140	760	910	730	2480	1450	1000	11700	738	600	832
15	1070	1080	840	830	630	1130	1256	940	19300	787	590	856
16	1060	1040	810	700	820	403	1270	992	3460	798	580	932
17	966	1240	830	470	1100	360	1040	880	1660	844	540	798
18	928	1360	740	260	1200	315	1070	916	1240	832	480	776
19	1020	1420	600	150	1100	455	1020	916	979	832	480	776
20	1100	1300	590	140	1100	820	916	928	928	776	500	800
21	1040	1200	540	140	1100	1130	940	892	868	754	520	844
22	1180	1100	500	160	1100	1760	992	743	832	743	530	798
23	1070	1300	660	160	1200	1930	1070	732	809	820	520	754
24	1190	1420	830	260	1700	1720	1000	776	634	787	470	710
25	1220	1560	810	520	1600	1280	1030	856	644	691	420	776
26	1250	1280	780	650	1580	1000	1000	820	590	624	420	682
27	1300	1450	750	680	1520	904	1020	662	606	2170	416	691
28	1270	1720	720	740	1450	798	1020	644	547	2220	672	721
29	1220	992	710	720	-----	992	1000	615	606	682	653	765
30	1360	416	530	740	-----	1070	1040	598	691	590	660	776
31	1330	-----	610	730	-----	1350	-----	662	-----	581	743	-----
Mean	1067	1292	681	628	1054	1206	1167	849	2223	1482	581	930
Max.	1360	1720	880	960	1700	3100	2650	1130	19300	9740	737	2520
Min.	787	416	378	140	630	315	832	598	547	581	416	672
A. F.	65610	76890	41880	39230	58550	74160	69440	52190	132300	91100	35710	55310

Total acre-feet 792370.

BUREAU OF IRRIGATION

517

LOUP RIVER, NORTH, NEAR TAYLOR—Sec. 22-21-18 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	431	467	380	410	440	490	528	329	359	273	125	202
2	441	472	330	556	480	430	510	333	382	266	121	215
3	451	451	300	450	560	400	488	316	416	312	123	221
4	457	488	280	480	590	435	488	325	378	401	123	340
5	431	451	270	450	580	460	483	333	373	467	182	360
6	441	457	280	470	600	490	478	346	396	436	215	360
7	441	494	300	490	650	530	478	337	416	373	157	337
8	441	510	350	500	710	460	488	325	467	325	135	329
9	446	533	410	510	650	460	539	316	446	266	188	321
10	451	488	460	440	650	500	568	329	478	248	147	321
11	457	499	500	500	580	550	710	333	516	266	119	346
12	462	441	520	520	500	640	802	391	574	258	125	355
13	411	446	550	490	470	640	650	391	550	234	125	333
14	406	467	560	580	500	540	550	373	766	193	128	321
15	416	472	560	550	530	460	505	396	870	173	123	304
16	373	494	540	430	540	370	505	451	556	179	117	308
17	387	478	500	310	600	260	488	457	472	188	110	308
18	396	494	480	220	650	390	494	391	467	170	104	316
19	406	505	430	340	660	450	478	382	421	179	106	312
20	401	478	460	380	1000	690	478	391	378	142	110	316
21	387	391	440	370	640	780	478	391	378	157	115	304
22	391	425	390	420	617	750	499	387	364	145	130	333
23	373	460	440	420	528	744	488	378	329	152	135	329
24	378	494	400	420	545	703	467	401	304	137	130	329
25	373	510	400	400	545	682	451	378	300	130	190	325
26	382	478	400	390	483	562	406	368	277	123	224	312
27	391	483	400	370	462	574	382	359	238	121	373	296
28	406	436	350	380	478	568	337	325	252	135	252	296
29	441	420	330	380	-----	545	355	342	208	125	212	300
30	457	410	360	420	-----	556	346	342	241	125	208	316
31	467	-----	430	450	-----	539	-----	378	-----	119	221	-----
Mean	419	470	413	435	580	537	497	364	419	220	157	312
Max.	467	533	560	580	1900	780	802	457	870	467	373	360
Min.	373	391	270	220	440	260	337	316	208	119	104	202
A. F.	25770	27950	25390	26770	32210	33020	29590	22400	24940	13520	9670	18580

Total acre-feet 298810.

LOUP RIVER, NORTH, AT SCOTIA—Sec. 8-17-12 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	834	790	660	1100	670	470	948	600	645	560	223	411
2	823	790	460	1200	670	370	912	580	600	654	227	411
3	845	790	180	850	690	430	878	560	600	2600	235	478
4	845	790	460	420	690	300	878	580	540	889	257	1660
5	823	790	390	340	770	430	834	630	570	780	192	760
6	780	790	560	400	810	570	845	700	600	867	231	690
7	770	878	620	490	820	300	878	740	640	845	290	690
8	770	845	680	550	830	360	856	730	680	730	262	672
9	760	856	730	610	890	510	900	720	700	730	266	681
10	750	856	750	690	880	830	972	700	750	672	163	672
11	760	812	740	800	630	650	1520	690	900	636	212	645
12	750	834	770	570	500	1400	1370	690	2000	568	200	654
13	740	823	760	810	400	1600	1390	690	3000	530	168	654
14	710	812	790	800	500	1300	1210	681	2500	480	182	654
15	654	812	820	800	600	1200	1110	681	1420	464	196	636
16	681	812	900	690	700	471	1030	720	1240	424	172	627
17	672	812	920	470	800	266	984	780	984	411	185	609
18	700	812	920	220	950	310	936	780	930	379	149	627
19	740	812	830	240	1200	580	996	740	850	305	182	627
20	770	812	810	310	1700	880	889	672	770	349	173	618
21	801	812	910	330	1900	1200	812	663	700	295	165	609
22	823	780	980	620	1900	1300	780	645	650	295	175	592
23	812	780	980	620	1300	1400	760	636	600	295	172	618
24	812	780	960	620	870	1240	750	627	670	266	182	627
25	790	801	870	600	830	1240	750	654	568	235	185	809
26	780	834	820	570	770	1160	720	627	584	244	192	600
27	780	834	760	390	780	1050	710	600	485	568	320	600
28	790	823	510	570	630	936	680	560	513	315	379	609
29	780	620	540	600	-----	889	660	900	513	257	457	592
30	801	620	670	610	-----	900	630	544	560	235	457	600
31	790	-----	960	640	-----	936	-----	609	-----	271	450	-----
Mean	772	800	735	620	881	822	920	669	892	553	236	651
Max.	845	878	980	1200	1900	1600	1520	900	3000	2600	457	1660
Min.	654	620	180	220	400	266	630	544	485	235	149	411
A. F.	47480	47630	45160	38140	48950	50530	54720	41120	53080	34010	14500	35740

Total acre-feet 514060.

REPORT OF THE STATE ENGINEER

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W.
Water Year Ending September 30, 1945

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	662	692	560	550	700	990	878	557	714	456	298	448
2	703	714	450	640	710	920	800	537	615	476	237	439
3	738	714	220	720	860	272	762	500	500	4220	249	465
4	738	714	180	440	770	492	762	465	537	1750	254	2170
5	762	725	170	270	760	518	692	414	557	948	231	1390
6	812	750	240	270	770	125	648	483	596	892	196	788
7	788	788	570	390	770	190	692	518	626	850	278	648
8	788	850	550	470	760	270	659	509	714	692	291	670
9	732	892	620	450	780	550	714	500	738	605	225	637
10	714	920	680	520	750	990	825	492	738	586	254	626
11	750	934	720	680	720	1200	1390	483	812	566	196	626
12	738	906	750	790	520	1200	1460	509	1970	547	298	626
13	738	906	790	830	470	1700	1390	586	3530	509	368	627
14	738	864	840	820	580	1300	1200	576	3020	456	181	648
15	725	878	890	840	680	980	1040	626	2270	422	160	637
16	703	878	920	870	760	760	990	637	1710	703	164	605
17	714	906	970	640	770	530	878	670	1220	399	147	566
18	714	892	1000	330	820	1100	812	714	990	311	135	547
19	714	838	1100	250	970	1200	750	714	892	318	101	566
20	703	864	1000	310	1000	738	738	615	825	243	147	576
21	703	920	920	440	1100	1120	775	605	750	528	121	576
22	725	854	1000	610	2200	1200	788	626	659	383	111	576
23	750	812	970	740	2000	1240	738	586	596	345	125	576
24	750	775	950	710	1440	1240	703	566	500	278	135	596
25	730	838	1000	650	1170	1100	703	576	586	237	160	596
26	738	878	1000	600	1050	1150	692	586	465	200	156	566
27	738	812	1000	590	948	1070	692	557	439	1170	210	547
28	750	738	620	590	948	1010	637	518	383	976	318	547
29	750	750	340	620	-----	962	586	689	391	332	509	557
30	750	605	350	640	-----	920	566	920	422	304	547	576
31	725	-----	470	660	-----	906	-----	537	-----	266	500	-----
Mean	738	821	709	579	921	901	832	576	950	676	239	665
Max.	812	934	1100	870	2200	1700	1460	920	3530	4220	547	2170
Min.	692	605	170	250	470	125	566	414	383	200	101	439
A. F.	45350	48830	43580	35620	51130	55420	49510	35450	57050	41590	14630	39720

Total acre-feet 517930.

LOUP RIVER, SOUTH, AT RAVENNA—Sec. 17-12-14 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	194	151	164	150	150	240	184	153	184	120	130	115
2	186	144	155	150	150	240	181	134	188	117	126	94
3	179	147	132	150	150	210	181	132	214	1540	153	90
4	158	151	130	130	160	220	172	132	181	1040	142	196
5	142	188	160	120	160	160	172	134	169	740	124	122
6	158	191	180	130	160	160	172	134	174	604	117	110
7	155	186	180	140	160	150	153	128	194	320	118	96
8	151	174	170	140	160	180	167	122	204	230	124	91
9	149	169	180	160	160	160	176	142	174	194	122	91
10	149	186	200	170	150	190	216	160	1380	169	110	91
11	158	169	230	190	140	210	990	160	1250	153	102	94
12	167	174	200	190	110	210	690	164	732	140	105	98
13	160	158	180	190	110	190	426	158	3160	132	98	102
14	158	160	180	190	130	200	255	155	6610	118	96	105
15	158	151	180	180	130	190	244	179	1270	117	94	103
16	138	153	210	110	160	180	235	174	578	117	92	96
17	136	153	200	110	180	130	224	169	380	115	87	96
18	160	160	210	80	210	110	194	172	286	110	84	94
19	169	162	210	90	220	75	196	172	238	106	84	94
20	169	164	210	90	210	150	184	164	216	103	80	94
21	169	167	210	100	210	191	191	160	198	102	80	87
22	162	179	220	110	220	227	184	162	169	103	80	96
23	164	188	220	110	220	191	184	179	164	100	80	98
24	164	194	220	120	210	151	176	174	164	97	83	96
25	158	194	220	110	230	191	172	186	155	97	82	96
26	160	194	220	110	220	188	176	180	144	97	82	98
27	160	184	180	100	230	196	167	174	134	480	82	98
28	149	188	140	100	240	191	160	167	122	270	88	100
29	144	179	150	120	-----	194	142	160	120	176	83	102
30	151	170	140	120	-----	194	149	160	117	149	155	108
31	155	-----	140	170	-----	196	-----	179	-----	136	135	-----
Mean	159	171	184	133	176	185	237	159	644	261	104	102
Max.	194	194	230	190	240	240	990	186	6610	1540	155	796
Min.	136	144	130	80	110	75	142	122	117	97	80	87
A. F.	9780	10170	11310	8190	9800	11380	14110	9760	38340	16050	6380	6050

Total acre-feet 151320.

BUREAU OF IRRIGATION

519

MEDICINE CREEK AT CAMBRIDGE—Sec. 18-4 25 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	46	52	60	90	60	60	56	51	49	42	28	26
2	45	52	55	50	65	56	54	50	52	42	40	25
3	44	52	65	40	70	68	54	49	50	774	89	620
4	44	52	60	35	75	70	54	49	50	136	37	107
5	44	53	60	40	70	45	54	50	50	61	33	41
6	45	54	65	45	65	40	54	51	56	58	32	35
7	46	54	45	55	65	45	54	52	74	56	30	30
8	46	54	50	50	60	50	56	50	70	55	220	28
9	46	54	55	65	50	50	60	51	59	47	111	29
10	47	55	55	75	30	50	71	54	59	43	53	27
11	48	56	60	70	25	50	140	53	174	42	48	27
12	49	57	65	75	50	65	106	58	253	40	43	26
13	49	58	65	65	80	68	92	58	918	38	37	26
14	50	60	60	70	100	63	73	57	254	37	35	26
15	51	60	65	70	100	60	65	58	100	36	32	27
16	53	60	70	50	105	50	59	58	75	36	30	28
17	54	60	75	45	120	60	58	58	56	34	30	29
18	53	60	70	35	130	60	56	58	46	34	28	28
19	52	60	70	25	82	65	56	56	43	29	27	28
20	52	60	70	45	75	70	56	56	42	29	27	28
21	52	65	65	55	69	70	54	55	42	28	28	29
22	52	71	70	60	60	67	53	55	42	28	27	31
23	52	72	70	60	65	62	54	54	43	28	26	31
24	52	71	65	50	65	59	54	54	43	28	26	32
25	52	68	65	45	64	58	57	54	43	28	26	35
26	52	68	65	50	62	58	53	52	39	28	26	36
27	52	68	55	55	61	60	52	52	38	28	26	38
28	52	60	55	60	61	59	51	52	50	27	25	40
29	52	50	90	60	60	59	52	52	47	27	26	41
30	52	55	111	60	60	58	50	52	42	26	29	42
31	52	—	113	50	60	56	—	52	—	27	30	—
Mean	50	59	57	55	71	58	62	54	99	64	42	53
Max.	54	72	113	90	130	70	140	58	918	774	220	620
Min.	44	50	45	25	25	40	50	49	38	26	25	25
A. F.	3050	3520	4090	3370	3940	3590	3690	3290	5870	3910	2590	3170

Total acre-feet 44080.

MELBETA DRAIN—Sec. 13-21-54 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	10	7	7	0	4
2	8	13	2	0	0
3	6	8	2	0	0
4	3	16	5	0	6
5	6	16	8	4	6
6	4	11	1	3	10
7	6	6	3	3	9
8	9	10	2	2	8
9	9	4	2	2	8
10	8	11	0	4	11
11	3	6	0	4	11
12	5	10	0	0	11
13	4	8	0	4	11
14	11	9	0	4	14
15	9	3	2	4	12
16	7	5	5	0	13
17	11	2	4	0	13
18	7	2	5	3	8
19	6	2	6	0	7
20	5	2	2	0	7
21	3	2	3	0	7
22	6	6	4	0	6
23	7	6	4	0	7
24	7	11	3	0	7
25	8	11	3	0	5
26	6	8	2	0	5
27	5	4	4	0	4
28	4	6	2	4	4
29	5	5	3	5	2
30	9	5	1	4	5
31	8	—	0	5	—
Mean	7	7	3	2	7
Max.	11	16	8	5	14
Min.	4	2	0	0	0
A. F.	420	430	170	110	440

REPORT OF THE STATE ENGINEER

NINE MILE DRAIN NEAR MINATARE—Sec. 25-21-53 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	165	118	109	100	82	76	73	79	125	118	159	230
2	166	115	109	98	84	76	72	78	140	123	167	230
3	162	114	110	96	82	76	72	78	154	127	174	205
4	155	114	108	96	83	75	71	78	157	119	178	207
5	152	111	108	97	84	76	70	79	157	126	185	212
6	150	112	107	97	84	76	70	88	156	127	183	218
7	150	114	107	95	84	76	69	81	161	124	174	212
8	149	112	106	93	84	76	70	96	164	126	171	208
9	151	113	107	93	84	76	74	99	171	126	171	203
10	153	111	108	91	85	76	75	87	169	122	167	205
11	153	111	108	89	82	75	94	69	163	126	162	194
12	156	111	109	87	81	75	84	70	139	128	168	186
13	168	111	106	87	81	75	81	70	189	128	170	188
14	166	112	106	88	81	75	80	73	188	128	167	187
15	156	113	106	88	81	75	80	81	171	137	164	188
16	153	111	106	88	81	75	80	82	199	137	164	189
17	147	110	106	86	81	75	76	109	166	146	166	189
18	144	109	104	86	80	76	74	97	128	148	171	186
19	141	109	103	87	79	76	74	117	127	149	173	182
20	138	108	104	88	79	76	76	104	125	155	180	188
21	135	110	104	89	79	76	76	96	117	144	176	191
22	134	107	103	90	81	76	75	89	108	159	179	189
23	133	110	103	88	78	76	75	88	108	165	187	190
24	131	114	102	84	79	75	75	89	110	167	188	194
25	126	114	102	82	79	74	78	89	196	169	209	191
26	127	110	100	81	78	76	76	90	106	171	247	190
27	125	110	97	81	78	77	78	94	108	171	247	192
28	123	110	100	81	77	77	79	93	114	170	239	191
29	122	108	100	81	—	77	78	93	111	162	246	194
30	117	111	99	81	—	77	79	101	115	163	248	199
31	115	—	100	81	—	75	—	111	—	161	236	—
Mean	144	111	105	89	81	76	76	89	142	143	188	198
Max.	168	118	110	100	85	77	94	117	199	171	248	230
Min.	115	107	97	81	77	74	69	69	106	118	159	182
A. F.	8850	6630	6440	5450	4500	4660	4530	5450	8430	8770	11540	11760

Total acre-feet 87010.

NIOBRARA RIVER NEAR SPENCER—Sec. 30-33-11 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1010	1150	704	1280	988	2080	1560	1059	1830	1040	671	766
2	1010	1180	567	1390	1090	1460	1500	1060	2000	946	635	691
3	1060	1180	519	1180	1290	1170	1540	997	2040	988	818	612
4	1130	1240	400	857	1280	1180	1450	999	1660	834	673	974
5	1070	1160	421	647	1340	909	1400	1090	1380	1700	702	1180
6	1060	1170	452	587	1336	707	1360	1100	1320	1010	672	1060
7	1040	1160	529	564	1300	703	1370	1050	1290	1070	589	922
8	982	1170	772	585	1480	720	1340	1060	1460	932	639	859
9	1010	1240	884	743	1410	655	1560	1060	1240	1110	684	780
10	1090	1180	1020	882	1320	577	1620	1080	1420	1220	930	750
11	996	1160	1050	1090	1230	745	2030	1070	1940	1280	705	748
12	1030	1210	1120	1260	1240	969	2460	1380	1790	738	775	774
13	1020	1150	1140	1340	1230	1670	2200	1250	1980	821	752	807
14	1050	1200	1150	1450	972	2310	1860	1180	8080	992	796	806
15	1110	1170	1420	1470	919	1860	1810	1130	3190	811	746	770
16	1180	1190	1570	1410	1040	1160	1600	1380	2320	899	663	774
17	1130	1200	1660	1260	1540	910	1480	1480	2120	919	708	736
18	1160	1190	1680	749	1610	766	1360	1420	1570	766	715	806
19	1200	1160	1180	442	1890	708	1310	1200	1310	698	668	725
20	1210	1210	1020	350	2030	790	1320	1330	1210	660	677	688
21	1160	1160	1150	252	2060	723	1170	1270	1000	676	736	753
22	1170	1080	1250	267	2260	1330	1280	1100	972	741	808	730
23	1230	1020	1470	312	2440	2300	1200	1210	983	738	643	850
24	1210	1340	1510	378	2300	3190	1150	1300	954	638	737	840
25	1080	1260	1450	453	2040	4530	1140	1180	950	622	782	944
26	1150	1110	1440	526	1850	5040	1150	992	984	661	1230	808
27	1290	900	1240	603	2070	3650	1180	1000	1080	714	1070	736
28	1170	879	958	687	2190	2500	1070	1020	966	731	969	763
29	1150	585	873	662	—	2080	1080	1270	991	675	899	832
30	1290	672	870	709	—	1860	1040	1360	1040	663	772	811
31	1180	—	1050	796	—	1700	—	1500	—	804	839	—
Mean	1114	1123	1049	812	1561	1644	1453	1180	1702	876	765	810
Max.	1290	1340	1680	1470	2440	5040	2460	1500	8080	1700	1230	1180
Min.	982	585	400	252	919	577	1040	992	950	622	589	612
A. F.	68510	66800	64500	49950	86720	101100	86460	72530	101300	53870	47010	48210

Total acre-feet 846960.

BUREAU OF IRRIGATION

521

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	31	39	42	40	43	37	20	41	10	12	14
2	27	30	36	41	42	41	27	20	69	8	11	14
3	25	31	38	38	45	39	28	20	54	43	11	14
4	26	30	37	34	43	47	29	18	38	18	11	14
5	26	30	38	34	43	46	29	12	32	12	12	13
6	26	30	36	37	43	45	30	12	30	12	12	13
7	26	30	36	38	43	45	30	13	28	9	14	12
8	26	29	35	36	43	50	26	14	28	10	24	11
9	26	28	36	38	43	55	30	15	28	33	26	11
10	23	28	39	42	42	56	34	14	48	19	26	11
11	27	29	39	42	40	52	39	14	79	12	25	11
12	27	34	39	44	49	52	45	15	77	13	26	11
13	33	34	40	45	46	50	43	16	52	15	24	12
14	36	34	39	47	45	51	41	15	46	17	24	13
15	34	34	40	47	45	49	49	16	40	18	24	14
16	33	34	40	47	45	46	40	17	41	18	24	13
17	32	34	40	47	45	41	38	18	39	17	17	13
18	30	34	39	46	44	45	37	17	45	17	16	13
19	30	34	39	45	43	44	39	18	39	16	22	13
20	29	34	39	43	43	47	38	18	42	16	21	12
21	29	34	39	43	42	49	36	18	38	16	18	12
22	30	34	38	45	42	48	28	18	37	27	15	13
23	31	34	39	48	42	48	28	18	35	23	14	14
24	31	37	39	46	41	49	28	22	33	16	13	14
25	30	39	39	42	41	48	28	24	33	15	14	14
26	30	38	38	40	41	47	27	24	33	14	12	14
27	30	39	38	42	41	47	25	22	32	14	15	12
28	30	38	40	44	42	46	25	19	30	16	16	12
29	30	36	41	43	—	45	24	15	18	14	14	12
30	30	38	42	43	—	45	22	22	13	13	14	12
31	30	—	42	42	—	42	—	35	—	13	14	—
Mean	29	33	39	42	43	47	32	18	40	17	18	13
Max.	35	29	42	48	49	55	45	35	75	43	26	14
Min.	25	28	35	34	40	39	22	12	13	8	11	11
A. F.	1800	1980	2380	2600	2300	2880	1930	1110	2380	1020	1070	756

Total acre-feet 22296.

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	103	91	77	66	66	51	47	88	51	81	91
2	138	103	92	76	66	66	51	46	112	52	72	94
3	132	105	92	74	64	66	51	45	108	75	75	105
4	127	103	92	74	64	66	51	45	112	82	80	115
5	127	101	92	74	63	66	51	40	110	75	105	116
6	127	99	92	71	64	67	51	41	86	66	90	118
7	130	99	92	70	66	67	50	55	68	54	93	126
8	159	99	92	70	66	67	51	127	70	50	106	126
9	154	96	90	71	62	67	72	145	77	49	94	126
10	159	92	87	71	60	67	65	91	86	54	82	127
11	154	92	87	70	66	67	88	68	87	56	69	127
12	154	92	87	70	64	67	75	82	116	112	63	129
13	190	92	87	70	67	67	65	70	121	166	60	129
14	190	90	87	72	66	67	61	57	98	137	59	130
15	158	87	87	70	64	67	59	66	114	150	61	134
16	143	86	85	68	64	67	57	69	122	150	61	129
17	140	86	86	66	64	66	57	164	109	170	62	126
18	140	90	83	63	64	65	56	103	99	194	67	130
19	124	88	82	66	64	64	55	99	95	201	67	129
20	114	87	81	68	64	63	56	71	74	170	91	126
21	110	90	81	70	64	62	56	74	55	121	105	116
22	112	90	80	70	66	60	55	69	47	161	106	118
23	110	92	80	69	66	60	55	67	46	161	101	153
24	109	99	81	67	66	59	54	64	63	154	76	134
25	109	98	80	66	66	58	57	69	74	143	81	137
26	109	94	77	66	66	58	52	80	57	122	80	137
27	114	92	75	66	66	57	50	48	61	132	83	130
28	110	88	76	66	66	56	49	48	63	125	81	145
29	108	90	77	64	—	56	49	44	60	96	83	159
30	103	94	77	66	—	55	47	55	55	87	88	153
31	103	—	77	64	—	52	—	80	—	90	88	—
Mean	132	94	85	69	65	63	57	72	84	113	81	127
Max.	190	105	92	77	67	67	88	164	122	201	106	159
Min.	103	86	75	63	60	52	47	40	46	49	59	91
A. F.	8140	5590	5210	4250	3600	3880	3370	4420	5020	6960	4980	7570

Total acre-feet 62900.

REPORT OF THE STATE ENGINEER

RED WILLOW CREEK NORTH OF McCOOK—Sec. 6-4-29 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	20	22	24	27	21	27	26	21	20	12.0	6.5	4.5
2	19	21	15	26	23	22	26	21	20	26.0	7.0	4.5
3	19	22	20	24	25	21	26	20	19	124.0	7.5	4.5
4	18	21	22	20	25	25	25	20	18	16.0	7.0	4.2
5	18	21	25	21	26	20	24	20	17	14.0	5.9	5.0
6	18	21	15	22	24	20	24	20	20	14.0	7.6	6.0
7	18	21	20	23	26	25	24	21	20	13.0	14.0	6.8
8	18	22	19	24	27	29	24	21	20	12.0	64.0	6.6
9	18	22	22	26	26	26	26	21	21	12.0	8.6	6.4
10	18	22	24	26	15	25	28	22	22	12.0	7.6	6.4
11	18	22	26	25	22	28	39	22	22	11.0	7.0	6.1
12	17	22	27	22	29	33	38	22	23	10.0	6.0	6.1
13	18	22	26	25	32	28	40	22	65	9.7	5.3	6.4
14	18	22	27	28	27	27	39	22	37	9.5	6.0	6.4
15	19	22	27	25	28	27	39	22	45	9.5	7.6	6.6
16	20	22	26	23	27	24	40	22	39	9.5	8.1	6.8
17	20	22	28	13	27	24	39	23	33	9.7	8.0	6.8
18	21	22	29	19	26	28	37	23	29	10.0	7.5	6.8
19	21	22	29	27	26	22	34	22	26	12.0	7.0	6.8
20	21	22	29	26	27	26	31	22	25	12.0	8.6	6.8
21	20	22	29	24	27	27	29	22	24	11.0	7.5	7.0
22	20	22	29	24	27	30	26	22	25	10.0	7.0	7.0
23	21	21	29	24	27	28	25	22	24	9.7	5.9	7.0
24	21	26	28	23	27	29	24	22	22	9.5	5.5	7.2
25	21	22	28	20	27	29	24	21	20	9.0	5.0	7.6
26	21	22	28	20	27	29	23	21	18	9.5	5.0	7.6
27	21	23	22	18	27	29	22	21	16	9.0	4.5	7.4
28	21	22	19	21	27	29	21	21	14	8.0	4.3	7.4
29	22	17	30	26	—	29	21	21	13	7.0	5.0	7.9
30	22	23	33	24	—	29	20	20	12	6.0	4.5	8.3
31	22	—	29	22	—	27	—	20	—	6.0	4.5	—
Mean	20	22	25	23	26	26	29	21	24	14.6	8.6	6.5
Max.	22	26	33	28	32	33	40	23	65	124.0	64.0	8.3
Min.	17	17	15	13	15	20	20	20	12	6.0	4.3	4.2
A. F.	1210	1300	1560	1420	1440	1630	1710	1310	1450	898.0	527.0	385.0

Total acre-feet 14840.

RED WILLOW CREEK NEAR RED WILLOW—Sec. 8-3-28 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23	26	30	35	31	31	32	25	22	15	8	7
2	23	26	25	31	32	29	32	25	22	15	9	7
3	23	26	27	29	33	27	31	24	21	285	13	7
4	22	26	28	27	32	29	30	24	20	30	11	7
5	22	26	30	28	30	27	29	24	19	20	10	7
6	22	26	25	29	26	24	29	24	25	20	10	7
7	23	26	28	30	30	27	29	24	38	17	10	9
8	23	26	27	31	27	32	31	24	25	17	158	9
9	22	27	30	31	29	30	31	25	28	16	17	9
10	22	26	33	30	19	29	34	25	28	15	12	9
11	23	26	35	27	18	31	39	25	104	14	12	9
12	22	26	37	26	30	38	42	26	35	14	11	9
13	22	26	34	29	36	33	44	26	72	13	10	9
14	22	27	32	32	32	32	43	26	48	13	10	9
15	24	27	31	29	33	32	43	26	48	12	10	9
16	24	27	31	27	30	29	44	26	47	12	11	9
17	24	27	32	20	29	21	44	27	40	12	11	9
18	24	27	32	25	31	29	42	26	34	12	10	9
19	24	27	33	26	31	23	39	27	30	14	9	8
20	24	27	33	29	29	23	37	26	28	21	9	8
21	25	26	34	28	30	27	35	26	28	15	238	8
22	25	26	34	28	31	35	33	26	28	14	21	9
23	25	25	33	28	32	30	31	26	27	12	9	10
24	25	29	33	26	32	34	30	26	25	12	8	9
25	26	31	33	25	31	34	29	25	23	11	7	10
26	25	28	33	25	31	34	28	24	21	10	7	10
27	25	29	30	26	31	31	26	24	19	11	6	11
28	25	29	25	28	32	34	25	24	17	10	5	10
29	25	28	35	30	—	34	25	23	16	9	7	11
30	25	30	36	29	—	34	24	23	15	8	14	11
31	25	—	33	30	—	33	—	22	—	8	7	—
Mean	24	27	31	28	30	30	34	25	32	23	22	9
Max.	26	31	37	35	36	38	44	27	104	285	238	11
Min.	22	25	25	20	18	21	24	22	15	8	5	7
A. F.	1460	1600	1930	1730	1660	1860	2010	1540	1890	1400	1370	530

Total acre-feet 18980.

BUREAU OF IRRIGATION

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE—Sec. 10-1-42 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	37	70	70	69	61	61	62	50	25	6.5	4.3	9
2	37	70	70	65	64	59	67	50	18	5.7	4.6	8
3	38	70	74	65	64	62	74	53	20	5.7	5.7	17
4	37	65	74	65	64	72	65	61	23	6.9	6.1	10
5	37	67	74	64	64	72	65	59	14	6.5	10.0	10
6	38	70	74	64	64	60	67	53	23	4.9	9.3	10
7	37	79	76	64	65	65	69	59	29	4.3	6.1	10
8	38	70	70	65	65	70	84	77	32	5.7	5.7	11
9	40	67	72	65	65	74	79	81	33	10.0	6.1	12
10	37	67	74	69	64	64	67	65	45	6.5	6.5	13
11	36	67	70	67	65	59	72	45	50	6.1	22.0	14
12	36	67	72	61	77	65	77	40	40	5.7	5.7	16
13	40	62	76	64	76	62	70	48	82	5.3	4.9	17
14	72	62	71	65	70	62	65	57	74	5.3	4.9	17
15	113	67	74	69	69	64	65	57	53	5.7	5.7	14
16	119	62	70	65	69	64	67	44	47	6.9	6.1	11
17	121	59	69	59	59	61	64	50	25	7.7	6.9	9
18	92	64	70	50	69	62	57	53	24	6.5	7.7	13
19	82	65	69	50	69	62	57	42	19	6.9	6.1	27
20	86	59	69	55	67	61	59	38	15	6.5	6.1	19
21	81	62	65	60	64	64	59	42	18	6.5	5.3	21
22	76	62	69	65	61	65	56	51	15	6.5	4.6	20
23	72	65	70	67	61	62	56	48	12	6.1	5.7	21
24	72	74	69	70	61	65	62	57	10	4.9	6.1	23
25	76	70	70	76	61	67	59	36	8	5.3	6.1	21
26	74	62	69	76	64	64	57	42	6	5.3	5.7	41
27	76	65	64	72	64	61	54	38	6	6.5	6.1	14
28	75	69	69	69	62	62	54	31	6	6.9	5.7	18
29	75	65	69	69	—	65	62	29	7	6.5	5.3	23
30	75	72	69	67	—	67	56	37	8	4.9	6.1	19
31	75	—	67	62	—	62	—	33	—	4.9	7.3	—
Mean	64	66	71	65	66	64	64	49	26	6.1	6.6	16
Max.	121	79	76	76	77	74	84	81	82	10.0	22.0	41
Min.	36	59	64	50	61	59	54	29	6	4.3	4.3	8
A. F.	3970	3960	4350	3990	3650	3940	3820	3030	1560	376.0	406.0	968

Total acre-feet 34020.

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN—Sec. 31-1-37 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	54	40	119	71	60	45	28	10	0	0	0
2	19	59	40	126	76	45	85	24	17	0	0	0
3	19	59	40	115	79	35	79	21	21	0	0	0
4	21	62	60	70	76	30	71	22	18	0	0	0
5	21	59	60	50	76	25	59	24	28	0	0	0
6	22	54	50	40	74	20	54	28	34	0	0	0
7	24	52	60	40	76	20	45	38	59	0	0	0
8	17	50	70	45	76	25	43	32	57	0	0	0
9	15	54	105	55	71	50	50	74	57	0	0	0
10	12	57	112	80	59	70	59	79	50	0	0	0
11	15	59	108	122	45	74	71	74	48	0	0	0
12	18	57	102	112	40	76	76	74	62	0	0	0
13	52	54	95	98	40	71	76	74	59	0	0	0
14	98	52	85	79	68	65	71	74	50	0	0	0
15	115	45	79	71	65	57	62	68	38	0	0	0
16	138	38	71	55	57	52	59	68	31	0	0	0
17	180	41	79	45	62	45	52	68	29	0	0	0
18	180	43	85	30	65	35	50	65	26	0	0	0
19	105	45	85	15	68	70	52	62	22	0	0	0
20	95	52	75	11	62	90	43	57	16	0	0	0
21	91	62	75	8	57	112	36	52	8	0	0	0
22	82	82	85	12	52	102	33	48	5	0	0	0
23	95	102	71	261	54	91	31	48	2	0	0	0
24	85	119	71	219	57	31	26	54	0	0	0	0
25	71	112	76	150	71	91	28	52	0	0	0	0
26	71	98	71	90	68	91	33	48	0	0	0	0
27	65	75	76	65	74	82	29	38	0	0	0	0
28	71	54	79	60	76	65	31	31	0	0	0	0
29	76	45	85	40	—	45	31	21	0	0	0	0
30	68	42	91	45	—	43	28	18	0	0	0	0
31	59	—	105	74	—	38	—	18	—	0	0	—
Mean	65	61	77	78	65	60	50	49	25	0	0	0
Max.	180	119	112	261	79	112	85	79	62	0	0	0
Min.	12	38	40	8	40	20	26	18	0	0	0	0
A. F.	4000	3640	4730	4760	3600	3700	2990	3000	1490	0	0	0

Total acre-feet 31910.

REPORT OF THE STATE ENGINEER

REPUBLICAN RIVER AT MAX—Sec. 32-2-36 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	95	173	140	305	287	179	125	92	70	0	0	0
2	101	168	150	278	358	100	130	92	62	2	0	0
3	98	157	220	168	378	60	130	98	55	2	0	1
4	101	147	300	201	322	40	112	101	39	0	0	0
5	98	142	250	190	228	30	98	125	37	0	6	0
6	105	157	220	168	162	30	95	101	78	0	1	0
7	108	157	200	235	151	35	101	138	157	0	0	0
8	105	162	220	278	162	50	125	185	207	0	0	0
9	108	173	350	378	151	150	190	214	168	3	0	0
10	101	179	600	305	75	250	190	228	173	20	0	0
11	105	179	900	242	98	350	162	185	134	10	0	0
12	105	207	1100	179	340	305	168	130	173	1	0	0
13	112	190	1200	173	305	242	157	134	162	0	0	0
14	207	147	700	214	278	190	147	147	138	0	0	0
15	422	185	295	271	190	151	147	179	173	0	0	0
16	555	201	214	168	134	117	142	185	142	0	0	0
17	654	179	201	45	138	157	147	173	117	4	0	0
18	622	185	196	60	142	130	142	162	88	2	0	0
19	502	190	168	85	173	367	138	151	70	0	0	0
20	331	207	157	112	190	443	138	179	58	0	0	0
21	278	214	185	157	196	242	121	168	45	0	0	0
22	389	235	201	95	221	221	108	162	34	0	0	0
23	305	235	196	70	264	168	108	162	22	0	0	0
24	287	287	207	60	221	147	101	173	16	0	0	0
25	264	349	221	50	207	157	108	168	8	0	0	0
26	250	358	179	100	190	162	117	117	2	0	0	0
27	264	358	130	200	185	150	92	105	1	0	0	0
28	264	250	65	250	179	145	92	95	0	0	0	0
29	250	200	162	200	----	140	92	85	0	0	0	2
30	228	150	257	200	----	134	85	62	0	0	0	8
31	190	----	257	230	----	130	----	62	----	0	0	----
Mean	245	204	317	183	212	167	127	141	81	1	0.2	0.4
Max.	654	358	1200	378	378	443	190	228	207	20	6.0	8.0
Min.	95	142	65	45	75	30	85	62	0	0	.0	.0
A. F.	15080	12140	19520	11240	11750	10260	7550	8640	4820	87	14.0	22.0

Total acre-feet 101123.

REPUBLICAN RIVER AT CULBERTSON—Sec. 20-3-31 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	72	181	110	290	310	163	82	68	97	0	0	0
2	65	194	90	230	330	61	85	68	97	0	0	0
3	56	194	150	240	350	60	85	58	89	9	0	0
4	48	181	240	210	320	60	82	61	89	0	0	0
5	65	157	220	150	264	61	92	61	85	0	0	0
6	58	163	170	110	320	55	89	68	133	0	0	0
7	58	157	160	130	320	30	82	101	232	0	0	0
8	68	157	180	150	272	40	106	157	464	0	0	0
9	75	181	280	180	120	75	194	216	300	0	0	0
10	82	124	490	240	54	160	169	200	1320	0	0	0
11	82	106	820	280	82	400	216	163	360	4	0	0
12	72	124	1000	320	232	520	264	163	248	0	0	0
13	75	150	1130	300	943	232	200	144	264	0	0	0
14	82	144	905	264	570	216	216	150	224	0	0	0
15	272	169	733	188	340	129	194	150	144	0	0	0
16	340	157	488	50	188	43	157	144	157	0	0	0
17	542	157	392	5	150	120	138	150	133	0	0	0
18	584	169	224	35	169	124	129	175	92	0	0	0
19	380	144	232	35	151	78	129	208.	68	0	0	0
20	330	115	380	40	181	150	115	181	58	0	0	0
21	272	97	380	35	200	232	124	175	36	0	0	0
22	272	95	370	40	188	232	115	163	23	0	0	0
23	200	130	330	30	216	157	97	163	19	0	0	0
24	208	250	310	95	232	115	85	181	15	0	0	0
25	224	340	216	60	208	133	97	181	11	0	0	0
26	208	350	181	45	216	101	97	181	3	0	0	0
27	194	264	24	85	200	92	97	150	1	0	0	0
28	163	200	5	200	240	101	97	124	1	0	0	0
29	224	160	20	340.	----	85	85	106	0	0	0	0
30	188	120	46	310	----	92	75	101	0	0	0	0
31	181	----	133	280	----	92	----	97	----	0	0	----
Mean	185	172	338	160	264	136	126	139	159	0.4	0	0
Max.	584	350	1130	340	943	520	264	216	1320	9.0	0	0
Min.	48	95	5	5	53	30	75	58	0.	0	0	0
A. F.	11390	10230	20760	9850	14670	8350	7520	8540	9450	26.0	0	0

Total acre-feet 100786.

BUREAU OF IRRIGATION

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. S-1-15 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	345	496	390	290	400	564	462	415	618	187	33	37
2	340	496	380	410	350	550	452	410	915	184	38	50
3	336	484	240	460	550	370	452	400	431	206	40	24
4	336	484	170	420	580	330	447	382	426	1350	38	24
5	332	484	170	260	630	240	436	363	396	1090	35	750
6	318	474	580	300	670	280	421	349	367	576	41	529
7	310	479	620	310	680	210	431	332	720	382	66	306
8	302	484	530	230	640	210	436	318	1160	314	57	318
9	302	496	650	220	690	280	462	322	1660	267	133	323
10	306	484	640	290	570	440	535	332	2060	244	79	227
11	306	468	590	350	540	630	4370	349	2500	213	100	119
12	306	490	550	450	620	558	4940	400	2810	168	127	79
13	306	512	520	510	672	1250	3560	490	2670	138	138	59
14	302	501	600	580	568	1050	1770	468	4000	124	119	48
15	298	484	630	660	490	943	1240	474	3230	110	110	41
16	218	479	710	720	630	810	978	462	2180	217	79	34
17	336	484	790	460	810	630	859	431	1610	150	53	32
18	560	484	970	280	908	480	744	410	1020	153	40	27
19	720	496	980	240	1130	930	666	405	845	141	30	24
20	756	512	800	230	1000	1070	612	421	838	138	32	21
21	714	518	600	240	792	978	582	415	696	110	29	20
22	624	512	540	230	654	588	547	396	558	90	26	20
23	564	510	560	220	618	588	524	396	479	75	24	20
24	558	520	590	220	594	690	506	372	421	68	20	19
25	547	500	600	230	576	648	512	354	363	61	20	18
26	518	500	580	250	558	588	496	340	318	55	20	17
27	501	500	390	290	564	554	479	336	278	61	20	16
28	512	620	230	310	564	535	468	323	244	66	16	15
29	506	530	230	350	—	512	452	310	213	59	16	14
30	484	490	220	360	—	490	441	302	190	50	21	14
31	484	—	270	360	—	479	—	290	—	40	35	—
Mean	434	499	525	347	644	596	976	380	1141	229	53	108
Max.	756	620	980	720	1130	1250	4940	490	4000	1350	138	750
Min.	298	468	170	220	350	210	421	290	190	40	16	14
A. F.	26670	29696	32270	21340	35780	36640	58080	23340	67870	14060	3240	6400

Total acre-feet 355380.

REPUBLICAN RIVER NEAR HARDY—Sec. G-1S.-5 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	506	569	600	490	380	670	574	540	409	344	98	40
2	506	579	430	530	390	540	579	492	388	325	96	38
3	506	574	250	510	2000	452	569	456	611	372	87	36
4	479	579	210	450	1650	585	540	443	752	1060	89	36
5	479	569	220	440	1150	511	540	448	579	914	91	37
6	456	564	210	430	940	350	520	409	549	1600	91	40
7	417	564	230	460	934	400	520	396	648	1070	91	636
8	422	559	240	480	994	450	520	405	1290	746	91	479
9	422	585	260	530	954	448	530	409	1170	500	89	329
10	405	559	300	605	920	479	525	409	3790	430	106	384
11	388	554	320	574	900	488	2460	409	7390	422	144	360
12	380	554	460	569	900	525	9890	409	4910	356	162	258
13	388	554	470	621	900	734	6140	409	3300	314	102	190
14	380	559	480	621	850	850	4300	443	2830	314	98	162
15	388	564	470	600	800	1160	2230	549	7390	251	102	87
16	396	569	550	616	752	875	1630	549	4900	184	113	91
17	405	559	676	540	722	825	1380	549	2490	184	89	74
18	409	549	711	550	722	788	1010	530	1900	434	89	76
19	413	549	699	500	954	632	968	511	1320	306	76	53
20	544	549	740	410	1260	554	894	506	1070	248	67	53
21	665	564	740	380	1260	585	806	483	1040	299	69	48
22	717	554	750	360	1040	711	758	488	1000	136	80	44
23	682	585	722	330	901	740	717	492	800	176	64	35
24	638	579	717	310	813	682	693	492	705	132	53	37
25	605	590	728	360	782	665	676	492	611	139	54	35
26	611	605	782	350	734	746	676	474	554	120	50	36
27	621	590	580	360	705	722	654	452	483	110	47	36
28	616	579	440	390	670	632	621	443	452	100	45	38
29	600	470	400	380	—	682	600	443	409	93	45	38
30	600	500	400	360	—	638	579	439	368	98	44	40
31	585	—	490	380	—	616	—	422	—	91	41	—
Mean	504	563	493	467	926	637	1437	464	1784	386	83	123
Max.	717	605	782	621	2000	1160	9890	549	7390	1600	162	636
Min.	380	470	210	310	380	350	520	396	368	91	41	35
A. F.	31000	33480	30300	28730	51410	39140	85490	28540	106100	23720	5080	7630

Total acre-feet 470620.

REPORT OF THE STATE ENGINEER

ROCK CREEK AT PARKS—Sec. 21-1-29 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	14	28	15	14	14	4	13	11	9	11	10
2	13	15	24	14	14	13	4	13	11	10	11	10
3	13	15	30	14	14	13	4	13	11	10	11	11
4	13	15	21	14	14	14	4	13	10	10	11	11
5	13	17	15	14	14	13	4	13	12	12	14	11
6	13	28	15	14	14	13	4	13	14	11	13	11
7	14	29	16	14	14	13	5	13	15	11	12	10
8	15	29	15	14	14	14	5	13	16	14	12	10
9	14	24	15	15	14	14	5	13	15	13	12	10
10	13	18	16	15	12	15	8	13	14	12	11	11
11	13	17	16	15	12	14	14	13	12	12	11	11
12	13	22	16	15	12	14	19	13	14	11	11	11
13	13	26	16	14	13	14	18	13	13	11	-10	11
14	14	21	16	15	13	13	16	13	13	10	10	11
15	17	25	16	15	4	12	15	13	15	11	11	11
16	18	22	15	15	3	13	15	13	15	12	11	11
17	20	17	15	15	3	11	15	13	14	12	11	12
18	18	16	16	13	3	11	15	13	14	12	11	11
19	16	15	16	13	3	11	15	13	13	12	10	11
20	15	20	16	14	3	11	14	13	14	11	10	11
21	15	21	16	15	3	11	19	12	13	11	11	11
22	14	20	16	19	3	12	16	12	12	11	11	11
23	14	21	16	19	3	14	14	12	12	11	11	11
24	14	25	16	15	7	14	14	12	11	11	10	12
25	14	24	16	15	13	14	14	12	10	11	10	12
26	14	19	16	15	14	6	13	12	9	11	10	11
27	14	18	16	15	14	5	13	12	8	11	11	11
28	14	17	16	15	14	5	13	12	8	11	11	12
29	14	7	16	15	---	4	13	12	8	11	11	13
30	14	14	16	15	---	4	13	12	9	11	11	13
31	14	---	16	14	---	4	---	12	---	11	11	---
Mean	14	20	17	15	10	11	12	13	12	11	11	11
Max.	20	29	30	19	14	15	19	---	16	14	14	13
Min.	13	7	15	13	3	4	4	---	8	9	10	10
A. F.	885	1170	1050	910	554	701	658	778	727	688	677	659

Total acre-feet 9487.

SAPPA CREEK NEAR BEAVER CITY—Sec. 14-1-23 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	8.6	9.3	7	15	7	9.7	8.4	6.8	11.0	8.1	3.4	5.5
2	7.9	8.4	8	14	7	10.0	8.4	6.8	7.5	7.7	4.3	5.2
3	7.5	8.4	10	11	20	10.0	8.4	6.4	6.6	7.3	5.0	4.5
4	7.3	7.5	12	10	39	11.0	7.5	6.1	5.9	7.0	7.9	29.0
5	6.4	8.4	9	10	30	9.0	8.1	5.9	5.3	6.6	7.9	83.0
6	6.6	8.6	8	12	19	9.0	7.9	5.9	16.0	6.6	7.5	234.0
7	6.8	9.0	6	10	15	10.0	7.5	6.4	14.0	6.4	7.3	90.0
8	6.6	9.5	6	10	12	8.0	8.8	7.0	13.0	6.4	7.3	40.0
9	6.2	9.7	7	9	8	7.0	10.0	11.0	226.0	6.1	7.7	28.0
10	5.7	9.0	7	10	10	8.0	10.0	10.0	351.0	6.4	7.3	16.0
11	5.7	8.8	7	10	10	9.0	170.0	9.0	769.0	6.2	11.0	11.0
12	5.3	8.1	8	12	9	18.0	106.0	9.0	429.0	6.2	13.0	9.3
13	5.5	7.5	9	13	10	18.0	51.0	9.7	405.0	5.9	8.1	5.9
14	5.1	6.6	11	18	8	19.0	25.0	9.5	150.0	5.9	4.0	4.6
15	5.7	5.9	13	21	8	17.0	24.0	8.4	85.0	5.5	1.5	4.0
16	5.7	6.2	14	14	8	16.0	20.0	7.7	88.0	45.0	1.6	2.2
17	6.8	7.5	14	10	15	14.0	14.0	7.9	87.0	42.0	1.6	2.1
18	8.8	7.9	14	8	14	14.0	13.0	7.9	87.0	19.0	1.7	1.8
19	7.3	9.0	11	7	10	14.0	9.5	7.9	62.0	18.0	1.5	1.4
20	11.0	8.4	9	6	10	15.0	9.3	7.3	42.0	14.0	1.5	1.1
21	67.0	7.9	10	8	10	16.0	9.0	7.7	31.0	11.0	1.2	.9
22	45.0	9.3	12	8	9	17.0	8.1	7.5	25.0	9.0	1.0	.8
23	35.0	11.0	11	8	10	15.0	8.8	7.3	22.0	6.1	1.0	.7
24	23.0	10.0	13	9	11	15.0	7.9	6.8	19.0	5.0	1.0	.7
25	15.0	9.5	9	9	16	14.0	7.3	6.8	15.0	4.3	10.0	.6
26	14.0	9.3	10	9	16	13.0	6.8	6.6	13.0	4.0	50.0	.6
27	13.0	9.0	7	12	10	11.0	7.5	6.6	12.0	4.0	80.0	.4
28	10.0	8.8	6	14	11	10.0	6.8	6.4	11.0	4.0	18.0	.3
29	9.5	7.0	8	12	---	8.4	6.8	6.1	10.0	4.0	14.0	.2
30	8.4	7.0	11	10	---	8.1	7.0	6.4	6.4	4.2	10.0	.2
31	8.8	---	14	7	---	7.9	---	7.3	---	3.7	5.9	---
Mean	12.6	8.4	10	11	13	12.3	20.1	7.5	10.1	9.5	9.6	19.7
Max.	67.0	11.0	14	21	39	19.0	170.0	11.0	769.0	45.0	80.0	234.0
Min.	5.3	5.9	6	6	7	7.0	6.8	5.9	5.3	3.7	1.0	.2
A. F.	772.0	500.0	600	666	720	756.0	1200.0	460.0	6000.0	536.0	590.0	1170.0

Total acre-feet 14020.

BUREAU OF IRRIGATION

527

SCOTTSLUFF DRAIN NO. 1—

Sec. 25-22-55 W.

Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	3	6	4	10	16
2	3	6	5	10	14
3	3	7	6	8	17
4	3	7	7	15	17
5	3	11	7	12	17
6	3	11	4	13	18
7	0	10	5	12	18
8	3	10	4	19	18
9	0	6	4	15	17
10	6	7	4	12	16
11	5	8	8	14	17
12	6	12	7	14	17
13	4	12	6	12	17
14	6	11	9	13	15
15	6	11	7	7	16
16	6	11	6	14	30
17	10	11	7	15	31
18	7	11	6	16	21
19	9	10	6	15	21
20	5	6	6	17	20
21	5	5	6	26	20
22	3	7	5	28	21
23	5	8	5	26	20
24	4	7	4	20	16
25	5	9	5	20	16
26	12	6	4	14	18
27	5	4	4	15	27
28	7	3	8	15	27
29	8	3	9	16	18
30	9	4	8	14	20
31	9	—	9	15	—
Mean	5	8	6	15	19
Max.	12	12	9	28	31
Min.	0	3	4	7	14
A. F.	320	480	370	940	1140

SCOTTSLUFF DRAIN NO. 2—

Sec. 34-22-54 W.

Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	2	2	7	2	8
2	2	2	12	4	8
3	2	2	12	3	8
4	1	1	13	4	19
5	1	2	13	4	7
6	2	2	4	4	8
7	2	5	3	4	8
8	1	5	5	13	8
9	1	2	6	3	9
10	1	4	5	4	10
11	9	11	4	4	10
12	30	8	4	5	10
13	6	8	5	5	7
14	5	7	4	5	7
15	6	7	3	6	6
16	5	6	7	6	7
17	11	9	6	5	7
18	12	11	11	6	8
19	3	11	6	6	9
20	3	8	6	6	8
21	3	7	6	6	9
22	3	7	6	7	6
23	3	5	6	8	10
24	3	5	5	7	9
25	3	3	6	7	6
26	9	3	5	7	6
27	2	5	5	7	8
28	4	6	7	8	7
29	3	6	6	8	6
30	2	11	9	10	8
31	2	—	2	9	—
Mean	4	6	6	6	8
Max.	30	11	13	13	19
Min.	1	1	2	2	6
A. F.	280	340	390	360	490

SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W.

Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	110	83	79	71	62	64	60	30	10	12	16	7
2	106	81	78	70	64	63	61	8	12	12	17	7
3	102	76	76	66	64	64	61	8	10	18	18	7
4	100	76	75	64	64	64	61	8	10	15	19	8
5	98	77	75	65	64	66	61	8	11	13	20	8
6	96	77	74	65	64	65	61	8	12	14	20	7
7	94	77	74	65	65	65	61	8	12	13	20	7
8	92	77	74	63	66	66	62	10	11	14	20	6
9	92	76	76	65	65	67	61	9	12	16	19	7
10	89	76	75	65	62	66	66	8	12	16	19	7
11	89	76	74	65	63	67	78	8	12	16	11	6
12	96	76	74	64	64	69	68	8	11	16	6	6
13	102	76	76	65	66	68	62	8	10	15	6	8
14	101	76	76	66	66	68	62	8	11	16	6	9
15	91	77	76	66	66	66	62	8	10	16	6	8
16	91	76	76	64	66	65	62	10	47	16	6	8
17	88	74	76	64	66	65	64	11	72	17	6	8
18	85	73	75	64	66	66	63	8	70	16	7	8
19	84	76	73	64	66	66	63	7	34	16	7	8
20	81	77	73	64	66	64	62	7	10	16	7	8
21	79	80	73	66	66	63	62	8	10	18	6	8
22	78	78	71	66	66	66	62	8	10	24	6	8
23	79	78	72	63	66	63	62	8	10	20	6	8
24	80	93	73	62	66	63	64	8	10	17	6	10
25	78	92	73	62	65	63	65	8	10	17	5	9
26	80	80	70	62	64	62	62	8	10	18	4	8
27	82	83	67	62	65	62	59	8	10	17	5	8
28	83	80	70	62	64	62	59	8	10	16	5	7
29	82	79	70	63	—	61	59	44	12	15	5	5
30	77	82	68	64	—	61	59	48	12	16	6	6
31	77	—	69	62	—	60	—	10	—	15	7	—
Mean	89	79	74	64	65	64	62	11	17	16	10	8
Max.	110	93	79	71	66	69	78	48	72	24	20	10
Min.	77	73	67	62	62	60	59	7	10	12	4	5
A. F.	5480	4680	4520	3960	3600	3970	3720	700	995	985	635	445

Total acre-feet 33690.

SILVERNAIL DRAIN Sec. 6-19-49 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	2	16	9	12	14
2	2	12	10	11	5
3	2	12	11	5	16
4	2	16	5	5	11
5	2	18	11	5	14
6	2	15	18	5	13
7	2	11	13	6	9
8	2	11	10	6	17
9	2	14	12	6	20
10	2	13	8	5	10
11	18	12	10	7	15
12	22	14	12	7	13
13	11	13	14	7	9
14	3	16	24	8	9
15	17	15	8	7	6
16	24	16	6	6	8
17	30	16	8	11	8
18	18	12	10	4	10
19	36	11	15	8	22
20	24	8	7	5	14
21	26	5	11	5	10
22	16	4	15	9	3
23	26	10	24	8	8
24	26	14	20	8	3
25	18	12	24	7	7
26	23	14	22	9	8
27	16	12	16	14	8
28	13	11	6	7	2
29	4	11	16	13	3
30	3	10	16	15	3
31	10	—	19	5	—
Mean	13	12	13	8	10
Max.	36	18	24	15	22
Min.	2	4	5	4	2
A. F.	S00	740	S10	470	590

SPOTTED TAIL CREEK, DRY—
Sec. 23-23-56 W.

Water Year	Ending	September	30,	1943	
Day	May	June	July	Aug.	Sept.
1	24	38	52	70	74
2	20	42	50	70	75
3	20	38	60	73	30
4	20	38	47	74	38
5	22	41	47	64	44
6	22	40	49	67	50
7	22	41	46	66	49
8	24	40	51	65	38
9	25	44	53	64	45
10	24	37	51	64	40
11	24	37	50	68	40
12	26	45	50	60	40
13	26	40	53	65	42
14	30	40	57	65	38
15	44	39	51	64	39
16	16	45	52	70	38
17	34	38	51	67	43
18	44	38	52	68	42
19	42	38	54	67	40
20	24	37	61	66	42
21	34	38	59	62	41
22	35	40	62	60	40
23	31	37	59	64	44
24	31	37	58	57	44
25	31	44	64	62	45
26	36	45	64	70	44
27	33	44	61	66	43
28	35	44	65	64	53
29	30	46	61	58	38
30	96	51	66	62	42
31	49	—	67	62	—
Mean	31	41	56	66	44
Max.	96	51	67	74	75
Min.	16	37	46	57	37
A. F.	1930	2430	3420	4030	2680

STINKING WATER CREEK NEAR WAUNETA—Sec. 17-6-35 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	25	34	33	27	23	23	17	18	13	7	6
2	18	25	32	33	32	25	22	16	18	18	7	6
3	18	25	29	32	27	36	21	17	18	20	8	6
4	18	25	29	27	32	32	22	16	18	16	7	6
5	18	25	30	22	31	26	21	16	18	13	8	8
6	19	24	29	22	30	30	22	16	19	11	8	7
7	19	24	29	19	28	29	21	16	28	9	8	7
8	19	24	28	22	26	27	22	19	31	8	8	7
9	19	25	27	22	30	32	26	24	30	7	7	7
10	19	25	29	23	31	32	30	23	33	7	7	7
11	20	25	30	27	25	38	36	22	33	7	7	7
12	20	25	34	28	23	34	39	19	44	7	7	7
13	20	25	32	27	21	32	35	20	248	7	7	7
14	22	25	33	30	23	32	28	20	136	7	9	7
15	28	25	33	30	25	33	24	21	74	8	7	7
16	32	25	34	28	27	24	23	22	41	9	6	7
17	32	25	33	22	30	26	19	22	37	13	7	7
18	30	26	32	16	38	30	18	24	35	19	6	7
19	28	25	32	20	30	28	18	24	25	26	6	7
20	26	26	30	22	27	33	19	24	21	14	6	7
21	25	26	30	24	27	32	19	24	18	12	6	8
22	25	30	30	26	27	36	19	24	16	10	6	7
23	25	38	32	27	27	37	18	24	15	12	6	8
24	25	36	34	26	27	36	18	24	15	12	6	9
25	25	37	34	26	27	32	18	22	15	10	6	9
26	25	36	34	24	25	32	17	21	13	9	7	9
27	25	34	26	22	23	29	17	19	12	8	7	9
28	25	32	30	24	22	32	17	18	11	8	7	9
29	25	30	37	25	—	27	17	17	11	8	7	9
30	25	32	34	25	—	28	17	17	12	8	6	9
31	25	—	40	26	—	24	—	18	—	7	6	—
Mean	23	28	32	25	27	31	22	20	35	11	7	7
Max.	32	38	40	33	38	39	39	24	248	26	8	9
Min.	18	24	26	16	21	23	17	16	11	7	6	6
A. F.	1430	1650	1740	1550	1520	1890	1320	1240	2110	680	430	440

Total acre-feet 16200.

BUREAU OF IRRIGATION

STREVER CREEK—Sec. 1-8-20 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	16	17	27	10	21
2	16	17	28	13	22
3	16	17	104	18	23
4	16	20	88	13	150
5	16	21	61	11	22
6	16	23	54	11	57
7	16	26	46	13	38
8	16	28	46	17	31
9	16	27	45	28	31
10	16	28	45	30	31
11	16	28	44	23	31
12	17	50	44	25	28
13	18	52	43	17	27
14	20	55	43	19	25
15	21	52	41	19	26
16	22	36	39	14	22
17	23	31	38	18	23
18	4	25	40	20	22
19	20	23	39	21	21
20	22	21	37	20	23
21	16	23	34	11	24
22	16	21	38	10	21
23	16	22	40	14	20
24	16	24	25	12	21
25	17	24	19	11	20
26	17	24	17	10	20
27	25	24	22	15	20
28	1	23	16	13	19
29	17	21	13	13	19
30	17	24	14	20	19
31	17	---	13	20	---
Mean	17	28	39	16	29
Max.	25	55	104	30	150
Min.	1	17	13	10	19
A. F.	1030	1640	2390	1010	1740

TUB SPRINGS—Sec. 8-22-55 W.
Water Year Ending September 30, 1943

Day	May	June	July	Aug.	Sept.
1	39	50	26	12	29
2	22	69	24	2	26
3	24	70	29	3	30
4	19	67	34	8	33
5	19	64	30	24	26
6	26	65	29	12	20
7	29	67	21	14	20
8	45	75	20	22	25
9	59	78	26	19	24
10	47	75	28	1	21
11	49	78	13	2	25
12	41	79	14	4	30
13	34	85	12	8	29
14	31	84	15	16	32
15	56	79	17	21	35
16	86	97	22	14	32
17	101	94	16	14	31
18	75	81	14	16	35
19	70	81	8	25	33
20	66	72	9	26	32
21	63	45	8	22	29
22	63	37	22	20	22
23	51	28	27	13	24
24	63	32	19	20	28
25	54	29	16	14	31
26	50	25	16	20	55
27	46	25	16	20	80
28	45	28	8	17	83
29	45	31	18	16	83
30	55	30	14	15	64
31	60	---	18	17	---
Mean	49	61	19	15	36
Max.	101	97	34	26	83
Min.	19	25	8	1	20
A. F.	3040	3610	1170	910	2120

WHITE RIVER AT CRAWFORD—Sec. 9-31-52 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	25	16	25	28	36	73	30	34	21	12	13
2	20	25	17	20	28	52	73	30	34	24	13	13
3	20	26	27	18	28	48	73	30	34	23	12	16
4	21	26	26	10	29	34	73	29	34	22	12	16
5	20	28	25	13	29	34	72	32	32	20	12	14
6	21	28	24	17	29	32	71	32	32	20	13	14
7	21	28	24	17	29	36	71	30	48	20	13	16
8	21	28	24	18	30	38	70	40	48	20	13	17
9	21	27	24	21	33	38	70	34	48	21	13	17
10	21	27	24	22	34	36	70	29	48	20	13	17
11	21	27	24	22	34	36	78	28	38	18	13	17
12	22	28	24	22	34	34	75	28	35	17	12	16
13	24	28	21	27	34	57	52	28	33	16	12	17
14	32	27	23	30	33	84	36	27	31	16	12	18
15	29	27	23	29	33	61	34	29	29	16	12	18
16	23	25	23	27	32	64	31	31	29	16	12	18
17	23	26	22	25	31	63	29	30	27	16	11	17
18	23	26	21	25	31	52	29	29	26	16	11	17
19	24	26	20	25	30	45	28	28	26	16	11	17
20	25	25	20	25	29	44	28	28	25	16	11	17
21	25	25	20	25	29	46	27	25	27	15	11	17
22	24	32	20	25	29	45	26	25	32	15	11	17
23	23	39	19	25	30	81	25	28	86	15	11	16
24	22	29	19	25	30	146	24	27	48	14	11	16
25	23	29	19	25	30	134	25	27	34	13	16	16
26	24	29	19	30	30	125	25	27	28	12	15	16
27	25	29	19	30	31	80	25	24	25	12	14	16
28	24	32	23	30	31	69	28	27	25	12	13	16
29	25	14	20	30	---	70	31	26	23	13	13	16
30	25	16	23	30	---	72	31	82	22	12	12	15
31	25	---	27	29	---	74	---	38	---	12	12	---
Mean	23	27	22	24	31	60	47	31	35	17	12	16
Max.	32	39	27	30	34	146	78	82	86	24	16	18
Min.	20	14	16	10	28	32	24	24	22	12	11	13
A. F.	1420	1600	1350	1470	1700	3700	2780	1900	2060	1030	758	964

Total acre-feet 20732.

REPORT OF THE STATE ENGINEER

WHITE RIVER NEAR CHADRON—Sec. 18-33-49 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	11	14	23	26	23	25	77	24	99	25	18	1.2
2	10	13	20	23	20	22	72	26	75	25	16	2.4
3	10	16	20	18	18	23	71	28	58	208	17	2.3
4	10	18	18	15	18	20	68	26	47	110	17	1.3
5	9	20	17	13	22	20	64	26	41	60	16	2.5
6	9	14	13	16	28	20	60	27	40	40	16	3.0
7	9	14	14	17	29	20	60	33	209	30	16	1.3
8	9	18	14	20	23	30	60	39	100	40	14	.7
9	9	21	21	22	33	50	66	58	50	100	14	.6
10	9	15	18	27	34	50	194	51	50	40	14	.7
11	9	18	19	26	27	50	243	40	348	28	14	.8
12	9	22	22	23	21	50	281	30	100	21	14	2.4
13	13	15	22	19	23	50	103	30	80	15	15	2.8
14	339	13	21	22	38	50	69	28	70	10	15	3.3
15	172	16	22	26	37	50	56	28	60	10	12	2.4
16	50	15	24	25	39	50	52	30	57	11	12	1.2
17	36	31	19	16	33	50	49	32	51	11	13	1.8
18	33	55	19	12	33	50	47	91	47	11	7	.8
19	24	36	19	10	32	50	45	69	42	8	4	.2
20	21	36	17	7	32	50	43	50	39	10	4	.2
21	19	36	22	10	32	50	39	45	38	10	3	1.4
22	18	32	26	12	31	50	40	41	37	12	3	1.6
23	16	34	29	16	29	50	37	41	36	22	2	1.8
24	17	45	30	20	26	50	37	38	118	21	3	2.0
25	15	39	30	22	26	50	35	35	66	31	4	2.3
26	13	21	30	25	25	400	33	34	54	25	4	1.5
27	21	20	20	23	25	304	31	33	40	19	3	1.6
28	25	20	13	21	26	160	28	32	33	18	2	1.8
29	25	19	15	21	—	126	25	38	30	37	2	1.5
30	24	21	29	22	—	106	24	413	25	24	2	2.1
31	22	—	23	22	—	81	—	286	—	19	1	—
Mean	33	23	21	19	28	72	70	58	71	34	10	1.6
Max.	329	45	30	29	39	400	281	413	348	208	18	3.3
Min.	9	13	13	7	18	20	24	24	25	8	1	.2
A. F.	2010	1360	1270	1190	1560	4430	4180	3570	4240	2080	592	98.9

Total acre-feet 26580.

WINTERS CREEK—Sec. 30-22-54 W.
Water Year Ending September 30, 1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	102	69	53	52	50	49	46	66	45	33	58	69
2	98	69	53	51	50	48	46	67	81	31	48	83
3	96	68	53	49	50	48	44	69	88	36	46	83
4	99	68	53	48	50	48	43	73	79	57	42	89
5	100	67	53	53	50	48	42	69	75	56	56	92
6	103	66	53	57	50	48	42	53	76	33	63	116
7	104	67	53	56	50	48	42	53	80	22	59	110
8	105	67	53	56	50	49	45	54	85	20	58	102
9	105	65	53	53	51	50	46	90	90	21	53	105
10	103	65	53	54	49	48	46	65	73	21	55	107
11	97	65	53	54	51	48	51	26	61	20	57	113
12	91	64	53	53	51	49	50	19	85	21	56	124
13	81	62	53	52	51	49	47	19	94	27	57	118
14	83	61	53	52	51	49	46	22	89	33	54	120
15	77	60	53	51	50	48	45	37	84	43	70	111
16	76	58	53	50	50	46	44	29	126	39	59	98
17	73	57	54	49	50	46	44	51	88	44	52	96
18	72	55	54	48	50	46	44	28	65	47	51	95
19	70	55	54	47	49	46	44	58	63	31	50	98
20	69	55	54	50	49	46	43	48	64	21	63	94
21	67	55	55	50	49	46	43	47	61	23	61	96
22	66	55	55	50	49	46	45	51	56	32	63	90
23	64	55	55	50	49	44	42	81	48	37	61	89
24	64	55	55	50	50	44	37	79	51	37	56	102
25	67	54	54	50	49	44	38	72	48	48	65	108
26	68	54	52	50	49	43	37	51	33	46	73	113
27	66	54	51	50	48	42	37	47	34	46	76	106
28	67	54	51	50	48	40	37	39	35	51	73	89
29	69	54	52	50	—	39	37	37	33	64	69	89
30	69	54	51	50	—	40	46	43	33	54	63	88
31	69	—	51	50	—	47	—	44	—	55	62	—
Mean	82	60	53	51	50	46	43	51	67	37	59	109
Max.	105	69	55	57	51	50	51	90	126	64	76	124
Min.	64	54	51	47	48	39	37	19	33	20	42	60
A. F.	5040	3580	3260	3140	2760	2840	2580	3150	4010	2280	3630	5950

Total acre-feet 42220.

BUREAU OF IRRIGATION

531

ARIKAREE RIVER AT HAIGLER—Sec. 28-1-41 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5.5	12.0	1.5	2.0	7	25.0	25	81.0	12.0	0.2	2.4	0.7
2	6.4	14.0	1.5	2.0	4	20.0	23	74.0	7.8	.2	1.4	.8
3	5.8	12.0	2.0	2.0	3	17.0	23	139.0	4.6	.2	.6	1.4
4	7.1	9.6	2.0	2.0	3	15.0	21	81.0	4.0	.4	.2	.8
5	8.5	8.9	1.5	2.0	5	13.0	18	42.0	8.1	1.0	1.1	1.4
6	9.2	9.6	1.0	1.0	10	12.0	16	38.0	9.2	1.0	.1	2.9
7	8.5	10.0	1.5	1.0	15	11.0	14	36.0	10.0	2.7	1.1	1.0
8	6.7	13.0	1.0	.5	98	10.0	13	26.0	25.0	6.7	.1	2.7
9	5.2	13.0	1.0	.5	118	9.6	14	38.0	21.0	7.8	.1	5.5
10	6.7	14.0	1.0	.5	69	9.6	19	33.0	15.0	7.8	.2	4.6
11	8.9	14.0	2.0	.5	40	9.2	69	30.0	13.0	6.7	.2	3.4
12	9.6	14.0	2.0	.5	28	8.5	122	24.0	19.0	13.0	.2	4.3
13	12.0	13.0	1.0	1.0	21	7.8	98	20.0	26.0	16.0	.3	5.2
14	12.0	14.0	1.0	1.0	17	7.1	81	16.0	16.0	14.0	.3	5.8
15	9.6	15.0	2.0	1.0	16	6.1	78	14.0	12.0	12.0	.3	7.1
16	8.1	16.0	2.0	2.0	16	5.8	58	14.0	11.0	134.0	.3	8.5
17	8.1	16.0	2.0	2.0	16	7.1	50	14.0	11.0	12.0	.2	7.8
18	7.4	3.4	2.0	2.0	15	8.9	72	9.6	11.0	6.7	1.1	7.4
19	3.1	2.0	1.0	5.0	16	8.1	102	7.1	11.0	6.4	.1	8.5
20	.6	1.5	.5	10.0	15	9.2	122	5.8	9.6	6.7	.0	9.0
21	.4	1.4	1.0	27.0	22	10.0	139	5.2	6.7	5.5	.0	9.3
22	2.0	1.4	.5	23.0	26	9.2	170	5.2	2.9	4.9	.0	9.0
23	2.4	1.0	1.0	23.0	39	8.9	264	6.4	.2	17.0	480.0	9.0
24	2.0	1.2	2.0	23.0	67	16.0	212	4.9	.2	102.0	25.0	8.0
25	2.7	1.2	2.0	27.0	65	21.0	78	3.7	.2	7.4	10.0	6.4
26	4.5	1.0	1.0	28.0	51	23.0	69	2.9	.2	3.4	4.0	9.2
27	7.8	1.0	1.0	19.0	40	23.0	72	2.7	.2	1.6	1.0	12.0
28	7.4	1.5	2.0	27.0	33	21.0	65	14.0	.2	1.2	.5	12.0
29	6.7	2.0	2.0	25.0	32	19.0	106	27.0	.2	4.9	.5	12.0
30	9.2	2.0	2.0	20.0	---	13.0	126	23.0	.2	4.3	.5	12.0
31	9.6	---	2.0	10.0	---	22.0	---	17.0	---	3.7	.6	---
Mean	6.6	8.0	1.5	9.4	31	13.3	78	27.9	8.9	13.3	17.1	6.3
Max.	12.0	16.0	2.0	28.0	118	25.0	264	139.0	26.0	134.0	480.0	12.0
Min.	.4	1.0	.5	.5	3	5.8	13	2.7	.2	.2	.0	.7
A. F.	404.0	474.0	91.0	576.0	1810	\$16.0	4640	1710.0	531.0	816.0	1050.0	372.0

Total acre-feet 13290.

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD—Sec. 4-20-52 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	45	37	32	30	33	28	30	11	11	38	51
2	57	45	37	32	30	33	28	30	10	11	39	47
3	62	45	38	32	30	33	28	30	10	12	40	50
4	60	45	38	32	30	33	28	30	9	45	38	56
5	59	45	38	32	30	33	28	28	24	52	38	59
6	60	44	37	32	35	31	27	28	20	47	38	57
7	61	42	36	32	37	31	27	29	35	46	37	56
8	61	43	36	32	32	31	26	29	56	69	36	56
9	58	44	36	32	30	31	26	29	44	66	32	57
10	55	43	35	32	28	32	27	30	59	62	39	58
11	52	43	35	30	29	32	26	32	112	67	42	59
12	59	42	35	30	29	31	26	37	146	53	43	62
13	52	42	35	30	30	31	27	30	79	49	43	62
14	51	42	34	31	28	30	26	28	56	43	45	64
15	52	42	34	31	29	31	26	26	47	39	54	60
16	51	42	34	30	29	32	27	26	42	26	44	59
17	52	42	34	31	28	32	28	26	40	24	42	58
18	50	41	34	30	28	32	28	25	35	21	42	59
19	50	41	34	32	28	33	29	25	30	25	44	70
20	48	41	35	31	29	34	28	10	24	29	44	62
21	45	40	34	30	30	32	72	12	17	29	47	56
22	45	39	33	30	32	34	62	12	16	29	46	57
23	45	40	33	30	32	35	36	11	16	32	47	60
24	47	39	34	30	32	32	32	10	16	32	56	69
25	47	39	33	30	28	32	30	14	17	34	52	62
26	47	38	34	30	32	32	29	18	18	36	50	45
27	47	37	33	22	32	30	28	18	17	35	53	41
28	47	36	32	26	32	28	28	17	13	38	52	43
29	48	37	32	29	32	28	31	19	11	39	51	49
30	53	37	32	30	---	30	36	15	12	39	50	57
31	47	---	31	30	---	29	---	12	---	38	50	---
Mean	52	41	35	30	30	32	31	23	35	38	44	57
Max.	62	45	38	32	37	35	72	37	146	69	56	70
Min.	45	36	31	22	28	28	26	10	9	11	32	41
A. F.	3210	2460	2130	1870	1750	1950	1840	1420	2070	2340	2720	3370

Total acre-feet 27130.

REPORT OF THE STATE ENGINEER

BEAVER CREEK NEAR BEAVER CITY—Sec. 23-2-23 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.2	0.4	0.6	0.4	2.0	2.0	1.4	201	28	15	235	26
2	.2	.5	.7	.4	2.4	2.0	1.2	190	27	7	544	24
3	.3	.4	.6	.4	8.0	2.2	.8	197	24	16	485	34
4	.2	.4	.6	.4	18.0	6.5	1.4	195	105	250	169	32
5	.2	.4	.6	.4	12.0	3.8	.7	192	244	54	88	31
6	.1	.6	.5	.4	11.0	9.5	.4	145	236	28	90	29
7	.1	.6	.5	.3	10.0	11.0	.6	72	107	28	95	27
8	.2	.5	.7	.3	5.5	5.2	.6	64	209	14	65	28
9	.2	.5	1.4	.2	4.3	3.3	.7	54	248	10	65	27
10	.2	.6	.9	.2	2.8	4.9	.6	49	108	35	65	29
11	.1	.5	.7	.2	1.7	3.8	2.6	47	91	244	65	26
12	.1	.6	.7	.2	1.4	2.6	2.6	41	92	171	65	25
13	.1	.6	.6	.4	1.1	2.0	2.0	37	300	137	65	23
14	.1	.6	.6	.4	.8	1.7	2.4	36	484	161	65	21
15	.1	.3	.6	.4	.6	1.4	2.2	36	120	110	65	50
16	.2	.2	.6	.4	.6	4.6	3.8	34	73	266	65	20
17	.1	.2	.7	.4	.6	1.7	4.6	32	72	289	46	18
18	.1	.3	1.1	.4	.6	1.9	4.6	30	46	1150	42	18
19	.1	.1	1.1	.4	.6	2.0	5.2	29	40	2510	38	18
20	.1	.4	.7	.4	.6	1.2	4.6	28	35	1390	189	17
21	.1	.4	.3	.4	.6	.6	21.0	26	30	992	153	17
22	.1	.4	.1	.4	.6	.6	22.0	27	27	914	112	16
23	.2	.3	.1	.5	.6	.8	63.0	25	24	776	52	16
24	.2	.4	.1	.7	.7	.8	126.0	31	22	693	45	15
25	.1	.4	.4	1.5	1.1	.6	95.0	29	22	562	42	15
26	.1	.6	.4	.8	1.7	1.4	153.0	22	50	393	38	15
27	.4	.4	.4	4.6	2.2	1.9	192.0	20	80	301	38	14
28	.4	.6	.4	2.8	2.6	1.1	154.0	19	73	386	34	15
29	.4	.6	.4	2.2	2.6	2.4	164.0	18	45	397	32	15
30	.5	.6	.3	2.0	—	1.9	193.0	88	20	135	30	14
31	.6	—	.3	2.0	—	1.1	—	34	—	170	29	—
Mean	.2	.4	.6	.8	3.3	2.8	40.9	66	103	407	104	21
Max.	.6	.6	1.4	4.6	18.0	11.0	193.0	201	484	2510	544	34
Min.	.1	.1	.1	.2	.6	.6	.4	18	20	7	29	14
A. F.	12.0	27.0	35.0	49.0	192.0	172.0	2430.0	4060	6110	25000	6370	1280

Total acre-feet 45737.

BEAVER CREEK AT GENOA—Sec. 14-17-4 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50	62	68	60	110	106	134	148	133	92	78	181
2	48	70	65	60	105	111	356	148	137	96	119	92
3	50	75	72	60	125	114	237	237	111	141	44	82
4	52	72	70	60	120	117	154	531	336	291	65	76
5	51	71	69	60	96	110	133	479	187	93	58	73
6	48	65	69	55	106	119	117	450	105	129	60	70
7	56	69	69	55	85	80	108	495	103	117	58	68
8	55	70	66	45	90	85	100	531	566	99	57	65
9	51	50	69	50	90	95	103	290	617	92	51	65
10	54	48	64	55	90	100	103	221	223	91	47	65
11	49	49	71	55	90	101	125	277	292	270	45	66
12	49	58	66	60	90	108	148	320	264	330	43	66
13	50	68	60	55	90	93	154	1550	257	192	41	68
14	58	72	30	60	90	110	206	1690	352	121	40	70
15	58	73	25	60	90	65	233	1070	392	95	37	76
16	58	70	55	60	80	65	150	838	268	93	31	95
17	64	67	60	65	80	81	136	543	192	85	43	240
18	61	64	60	70	70	97	174	320	206	81	37	110
19	59	65	65	70	60	87	161	209	209	77	35	84
20	66	64	65	70	75	93	139	161	178	76	40	77
21	61	65	65	75	70	92	133	244	134	73	42	70
22	67	65	60	75	80	93	132	202	123	70	58	68
23	60	58	50	70	90	93	209	244	115	69	186	67
24	59	56	50	80	90	164	472	202	111	67	136	64
25	58	62	55	75	100	268	385	226	106	66	119	63
26	63	66	50	85	110	249	400	190	102	64	94	63
27	61	68	50	95	160	155	387	157	97	61	76	63
28	58	67	50	105	135	130	362	150	93	60	72	64
29	62	61	45	95	110	114	197	157	130	58	113	64
30	62	67	65	140	—	115	186	147	99	58	1220	64
31	65	—	60	150	—	95	—	137	—	58	594	—
Mean	57	65	59	72	96	113	201	405	208	109	121	81
Max.	67	75	72	150	160	268	472	1690	617	330	1220	240
Min.	48	48	25	45	60	65	100	137	93	58	31	63
A. F.	2500	3850	3650	4420	5510	6950	11970	24920	12370	6670	7420	4840

Total acre-feet 96070.

BUREAU OF IRRIGATION

BIRDWOOD CREEK NEAR HERSHEY—Sec. 2-14-33 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	140	134	150	150	140	169	176	159	166	123	120	102
2	137	132	153	150	150	172	162	211	166	115	118	101
3	129	140	159	159	172	166	166	146	355	126	113	103
4	132	150	159	156	169	166	169	143	162	179	120	115
5	123	146	156	159	156	166	179	134	150	143	108	120
6	120	146	153	155	150	166	182	140	137	123	108	120
7	132	123	156	155	153	146	176	140	150	126	115	120
8	129	120	162	155	153	169	193	126	153	193	105	120
9	129	129	159	155	143	169	176	126	137	150	108	120
10	123	137	162	155	130	186	150	166	137	166	115	120
11	123	150	162	155	120	196	140	166	150	176	103	115
12	143	150	159	155	120	172	146	166	204	140	103	115
13	143	140	156	155	130	176	179	150	176	140	101	115
14	143	140	150	155	160	159	182	150	159	140	94	115
15	143	140	140	155	190	172	150	169	150	140	94	115
16	143	132	150	155	220	186	143	169	140	146	94	115
17	143	140	153	155	200	186	159	159	129	140	99	115
18	143	140	159	159	190	166	162	146	118	134	120	100
19	137	143	159	156	190	162	153	146	120	140	105	100
20	134	143	159	159	190	182	172	140	129	150	92	100
21	132	140	162	150	190	182	182	146	137	132	99	100
22	143	140	162	140	200	156	179	159	137	126	103	100
23	146	140	162	134	200	176	231	153	123	129	115	100
24	156	159	160	134	215	182	137	143	115	115	105	100
25	156	166	150	134	193	153	143	169	115	112	112	120
26	156	146	146	130	159	172	150	137	132	134	110	120
27	143	134	146	130	156	169	156	132	132	143	103	120
28	150	140	150	130	156	153	162	140	118	134	105	120
29	156	134	153	130	159	146	231	172	118	143	101	120
30	179	143	150	130	—	150	196	156	120	120	103	120
31	156	—	150	130	—	166	—	186	—	118	103	—
Mean	141	140	155	148	167	169	169	153	148	139	106	112
Max.	179	166	162	159	220	196	231	211	365	193	120	120
Min.	120	120	140	130	120	146	137	126	115	112	92	100
A. F.	\$650	\$360	\$530	\$980	\$630	\$1030	\$1080	\$410	\$800	\$520	\$540	\$680

Total acre-feet 105670.

BLUE CREEK NEAR LEWELLEN—Sec. 30-16-42 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	71	99	90	95	112	103	111	43	4	20	57
2	12	72	101	95	100	118	103	108	45	3	12	56
3	12	75	99	95	100	115	104	101	89	3	9	55
4	12	80	100	95	110	109	103	100	84	10	8	60
5	12	84	98	90	110	111	101	100	65	8	5	83
6	31	87	97	92	138	109	99	102	66	5	3	70
7	14	92	96	90	118	102	100	102	71	6	2	65
8	15	94	98	90	120	103	103	104	117	42	1	62
9	12	95	97	80	115	112	102	107	100	42	1	60
10	14	92	95	90	94	121	102	109	92	43	1	60
11	16	95	95	80	100	123	101	107	94	127	1	56
12	18	95	97	75	110	111	104	104	94	288	1	56
13	21	95	93	80	110	106	103	100	93	88	1	56
14	25	95	90	95	110	92	104	95	92	73	1	57
15	25	95	90	100	100	96	101	92	129	62	1	57
16	25	96	90	100	100	106	101	78	97	53	2	50
17	25	97	90	100	100	111	107	80	81	38	1	48
18	24	93	90	100	95	112	112	69	75	35	1	46
19	31	91	95	92	100	106	114	69	62	36	1	46
20	62	91	95	104	100	106	109	72	71	44	1	42
21	77	92	95	104	100	107	108	71	71	40	21	34
22	71	93	97	104	100	99	111	62	67	39	44	24
23	69	95	92	107	110	104	112	53	60	30	151	38
24	71	96	101	107	114	109	110	42	56	25	124	34
25	73	97	101	109	113	97	108	56	42	46	86	27
26	73	94	103	109	101	96	108	52	27	25	82	27
27	72	90	106	80	111	96	106	41	15	20	76	21
28	72	94	103	84	113	90	104	45	7	11	69	18
29	74	93	100	80	113	92	110	52	4	6	67	17
30	75	98	100	95	—	96	119	50	6	6	63	13
31	78	—	95	95	—	102	—	47	—	31	60	—
Mean	40	91	94	94	107	105	106	80	67	42	30	46
Max.	78	98	106	109	138	123	119	111	129	288	151	83
Min.	12	71	90	75	94	90	99	41	4	3	1	13
A. F.	2430	5410	5950	5770	6150	6480	6290	4920	4000	2560	1810	2770

Total acre-feet 54540.

REPORT OF THE STATE ENGINEER

BLUE RIVER, BIG, AT BARNSTON—Sec. 13-1-7 E.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	123	155	152	132	236	266	200	3510	1710	1020	342	4480
2	116	155	155	116	94	198	150	2230	1290	857	303	3380
3	60	116	155	112	134	227	267	4730	1760	777	198	2910
4	96	154	155	104	121	190	232	4100	12000	603	186	2660
5	106	159	95	117	164	225	149	2800	8640	501	229	2480
6	95	150	168	171	182	134	158	2540	3110	458	293	2240
7	82	128	173	132	119	180	168	2960	1340	403	204	1180
8	87	150	122	140	138	124	218	3030	3630	390	231	777
9	101	104	126	51	116	154	235	2800	7370	334	168	666
10	69	114	139	127	157	250	204	1980	4740	405	124	706
11	104	106	143	121	95	206	532	1070	2940	555	124	1180
12	147	154	151	92	84	288	822	841	2280	607	155	716
13	160	126	149	120	78	504	549	738	11600	744	119	441
14	92	177	103	126	209	313	369	960	14800	1420	234	322
15	91	152	86	108	107	325	316	1460	6930	1380	116	365
16	97	118	82	114	113	290	339	1310	3160	915	280	315
17	68	145	92	164	138	248	512	897	1920	2240	652	225
18	127	130	109	151	143	250	552	693	1520	3580	105	504
19	96	170	83	122	163	223	1440	551	1760	3380	123	1340
20	123	158	171	148	163	180	3830	1430	7280	1560	379	958
21	109	75	146	157	248	195	3140	859	8710	931	806	1310
22	126	186	115	154	184	240	2660	626	5040	660	2000	1510
23	144	146	95	139	119	270	4560	522	3940	573	2320	1030
24	103	102	123	175	254	209	4520	529	2560	7870	1220	771
25	153	117	101	151	251	433	3020	413	1730	2130	2010	623
26	96	156	105	152	163	452	2600	525	1260	1980	5970	404
27	127	163	155	247	151	239	2760	460	1140	867	3440	381
28	262	80	118	209	256	232	2190	2730	1740	598	1900	463
29	266	158	110	295	178	279	2090	2220	1170	494	1660	426
30	88	152	106	104	.....	247	3040	1490	1290	408	10200	272
31	86	.....	125	270	.....	210	.....	1620	.....	416	8270	.....
Mean	116	139	126	146	157	251	1391	1698	4273	1260	1481	1188
Max.	266	186	173	295	256	504	4560	4730	14800	7870	10200	4480
Min.	60	75	82	51	78	124	149	413	1140	334	105	225
A. F.	7140	8260	7750	8970	9040	15430	82770	104400	254600	77470	87990	69530

Total acre-feet 733350.

BLUE RIVER, LITTLE, NEAR ENDICOTT—Sec. 6-1-3 E.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	89	110	115	160	138	138	149	612	1350	687	152	4610
2	92	110	115	130	139	136	147	759	672	428	149	1740
3	86	111	117	120	136	141	146	1600	526	237	136	968
4	89	110	121	120	136	139	144	2760	3000	293	133	660
5	85	110	117	120	132	140	146	1830	1040	283	130	498
6	89	111	121	100	130	140	144	888	469	243	125	412
7	86	113	122	85	132	130	144	654	454	249	120	354
8	90	113	117	70	132	130	144	524	660	308	115	313
9	92	111	122	60	133	150	149	447	368	374	108	287
10	96	114	126	60	120	150	152	401	306	398	113	864
11	99	111	122	65	110	162	162	374	1260	409	106	545
12	94	111	124	65	100	152	160	402	1670	319	100	405
13	96	110	129	70	110	154	152	2240	6010	269	99	281
14	96	110	95	70	110	155	157	2820	3210	241	94	235
15	96	113	60	75	110	154	164	1850	1020	223	94	210
16	96	110	90	80	120	152	157	978	813	520	113	198
17	100	111	95	95	110	150	167	637	514	556	110	183
18	88	110	100	130	110	149	189	462	469	293	138	187
19	96	111	100	133	110	141	219	374	822	225	132	826
20	104	113	110	146	130	146	396	317	1040	202	400	3230
21	100	110	110	144	147	147	480	289	910	183	988	3240
22	100	110	110	144	160	162	394	363	1140	169	623	723
23	107	113	120	150	176	164	923	263	1260	164	603	532
24	107	113	120	144	171	173	1970	271	693	533	1090	452
25	103	111	120	176	154	162	1490	251	383	633	1400	403
26	110	113	110	187	146	160	879	225	298	277	2810	368
27	104	107	110	183	139	162	660	221	271	217	3570	332
28	103	117	100	162	139	160	478	592	319	185	3210	315
29	107	114	120	150	138	152	412	660	279	328	2880	298
30	106	118	120	146	.....	149	519	1290	621	206	3540	285
31	110	.....	140	141	.....	152	.....	1540	.....	171	5150	.....
Mean	97	112	113	119	132	150	386	868	1062	320	920	798
Max.	110	118	140	187	176	173	1970	2820	6010	687	5150	4610
Min.	85	107	60	60	100	130	144	221	271	164	94	183
A. F.	5980	6640	6920	7800	7570	9230	22990	53340	63170	19680	56590	47510

Total acre-feet 306920.

BUREAU OF IRRIGATION

535

BUFFALO CREEK NEAR HAIGLER—Sec. 20-1-40 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	6	9	8	5	10	10	15	12	5	5	6
2	6	6	10	9	8	10	10	16	12	2	5	7
3	6	6	10	10	11	11	9	18	11	3	5	9
4	6	6	10	10	12	11	9	14	11	6	6	9
5	6	6	10	10	12	12	9	13	11	8	8	6
6	6	6	9	9	12	12	9	12	11	6	7	5
7	6	7	9	8	12	11	9	12	11	6	6	6
8	6	8	9	8	12	11	9	12	12	6	4	5
9	6	7	10	8	12	10	9	12	12	6	2	5
10	6	8	10	8	10	10	11	12	11	6	3	5
11	6	8	11	9	8	10	18	10	11	8	2	5
12	7	8	10	9	7	10	18	10	12	11	1	6
13	7	8	10	9	8	10	13	12	12	15	1	6
14	7	8	10	9	10	10	13	12	11	11	1	6
15	8	8	9	9	13	12	12	11	10	9	1	6
16	8	6	10	10	13	11	11	11	10	18	1	6
17	8	7	10	11	12	10	12	10	9	10	1	6
18	8	6	10	11	12	11	13	11	9	9	1	6
19	8	6	10	11	12	11	16	11	10	9	1	6
20	8	6	10	11	12	11	15	10	10	11	2	6
21	8	8	10	11	12	10	16	11	9	9	2	6
22	8	9	9	10	13	20	18	14	7	8	6	6
23	8	9	9	10	14	17	39	13	5	9	7	6
24	8	9	8	10	13	16	16	13	4	27	7	6
25	8	9	8	10	13	15	12	13	4	11	8	6
26	8	9	8	10	13	14	11	12	6	10	8	6
27	7	10	8	5	12	14	11	13	5	9	8	6
28	6	8	8	3	11	12	11	15	4	7	8	6
29	7	10	8	2	10	11	36	14	5	6	9	6
30	7	9	8	3	—	11	21	13	4	6	9	8
31	6	—	8	4	—	11	—	12	—	6	7	—
Mean	7	8	9	9	11	12	14	12	9	9	5	6
Max.	8	10	11	11	14	20	39	18	12	27	9	9
Min.	6	6	8	2	5	10	9	10	4	2	1	5
A. F.	428	460	568	525	642	724	845	770	537	544	285	352

Total acre-feet 6680.

BUFFALO CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	50	82	58	30	34
2	48	200	57	5	34
3	58	82	49	5	30
4	48	60	84	5	30
5	27	41	58	5	36
6	27	39	94	5	37
7	25	39	51	0	37
8	25	33	64	0	35
9	24	33	64	10	34
10	19	54	62	10	34
11	18	52	74	10	34
12	19	50	72	9	35
13	21	37	94	3	32
14	33	36	112	3	32
15	25	42	45	4	28
16	23	42	66	0	28
17	23	34	76	0	29
18	27	41	76	0	48
19	23	33	64	0	47
20	22	24	42	1	49
21	21	21	53	14	50
22	21	24	44	16	65
23	20	24	44	21	66
24	26	23	44	107	66
25	26	24	54	105	50
26	26	24	54	72	51
27	26	22	54	72	46
28	25	41	54	70	46
29	25	44	52	68	35
30	40	47	26	31	35
31	100	—	26	31	—
Mean	30	45	60	23	40
Max.	100	200	112	107	66
Min.	18	21	26	0	28
A. F.	1870	2670	3700	1410	2410

REPORT OF THE STATE ENGINEER

CALAMUS RIVER NEAR BURWELL—Sec. 8-21-16 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	256	264	277	260	298	277	326	310	290	244	218	225
2	248	273	260	230	277	277	316	380	310	260	222	222
3	248	273	264	220	277	285	316	350	326	260	214	211
4	248	264	273	250	277	303	298	326	326	290	218	211
5	248	256	269	240	273	277	298	312	316	270	218	240
6	248	256	281	220	277	256	298	312	316	252	218	270
7	252	248	273	210	290	250	298	330	312	273	214	240
8	256	252	269	200	340	270	330	316	312	273	218	214
9	256	264	277	190	280	270	320	303	303	273	214	222
10	256	264	269	180	260	350	308	316	312	256	218	222
11	256	269	273	170	240	355	308	321	303	340	222	229
12	256	264	281	160	250	285	281	335	316	281	222	229
13	269	264	273	250	270	298	285	312	326	273	226	233
14	256	264	230	380	280	308	285	308	335	264	222	237
15	260	260	160	390	260	290	316	294	335	256	229	237
16	256	264	190	390	230	277	294	290	528	256	229	233
17	256	264	280	340	230	281	273	269	408	248	229	240
18	256	260	340	280	230	298	277	260	413	244	222	240
19	256	258	300	250	230	264	273	256	380	240	222	240
20	256	256	230	260	230	277	277	248	340	233	222	240
21	252	252	230	260	220	273	285	248	308	233	211	240
22	256	252	200	250	210	281	285	281	281	237	240	237
23	252	260	190	273	260	277	285	260	264	233	264	248
24	256	277	190	277	330	290	330	252	252	237	240	248
25	256	277	230	277	294	290	375	285	260	233	256	248
26	256	277	250	281	290	308	402	269	285	233	256	248
27	256	277	240	345	273	308	316	256	260	229	256	256
28	256	277	210	370	273	308	298	256	229	218	258	256
29	256	277	210	308	277	308	258	256	237	222	260	256
30	298	277	220	277	---	290	308	281	237	214	256	273
31	269	---	240	277	---	310	---	280	---	222	237	---
Mean	257	265	250	267	266	290	305	293	314	252	231	238
Max.	298	277	340	390	340	355	402	380	528	340	264	273
Min.	248	248	160	160	210	250	273	248	229	214	211	211
A. F.	15780	15740	15350	16390	15320	17830	18170	17990	18680	15470	14180	14170

Total acre-feet 195070.

CEDAR CREEK—Sec. 11-18-48 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	11	6	7	13	6
2	11	6	8	5	6
3	11	11	9	4	7
4	12	18	10	3	3
5	12	26	40	7	18
6	12	27	1	21	2
7	12	22	1	19	5
8	12	32	34	2	7
9	12	31	18	6	12
10	12	31	14	5	15
11	12	27	38	4	17
12	12	12	14	3	17
13	11	29	13	4	16
14	12	25	20	3	15
15	12	29	5	18	14
16	12	27	5	18	10
17	13	14	6	2	11
18	12	20	7	2	15
19	12	23	3	8	16
20	12	23	22	7	16
21	11	25	22	7	15
22	11	8	20	14	12
23	11	24	18	11	11
24	11	26	14	13	11
25	25	24	6	12	12
26	21	24	16	13	11
27	11	15	16	13	10
28	7	23	5	13	8
29	6	21	4	1	8
30	8	8	4	2	9
31	7	---	13	2	---
Mean	12	21	13	8	11
Max.	25	32	40	21	18
Min.	6	6	1	1	2
A. F.	730	1260	820	510	660

BUREAU OF IRRIGATION

537

CEDAR RIVER NEAR FULLERTON—Sec. 33-17-6 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	130	190	172	130	200	220	426	353	295	353	112	158
2	136	185	168	150	230	215	266	380	206	175	136	143
3	136	187	168	150	240	215	231	919	221	543	140	144
4	132	180	170	160	270	201	240	728	190	201	121	156
5	132	175	177	160	320	198	237	435	193	263	127	158
6	134	180	172	140	302	198	224	339	193	209	105	152
7	134	177	175	130	228	160	224	402	187	170	132	154
8	136	150	175	120	175	170	221	435	412	165	115	150
9	140	130	170	120	185	190	221	431	317	134	110	146
10	138	200	170	140	130	210	237	337	263	136	103	138
11	142	218	170	150	120	180	305	402	302	418	96	138
12	146	187	185	150	140	150	353	546	342	240	93	144
13	150	158	170	150	190	150	313	358	1470	187	90	148
14	152	148	110	100	190	150	321	367	524	162	88	144
15	154	142	110	160	210	150	284	435	371	158	82	140
16	154	142	110	170	200	150	280	337	358	186	96	313
17	156	150	130	180	210	180	273	295	298	152	96	228
18	154	148	150	190	210	182	287	260	291	224	112	163
19	154	152	160	190	200	198	298	215	263	273	98	163
20	165	152	160	190	220	201	309	201	234	165	98	160
21	160	160	160	190	240	196	287	402	250	148	121	175
22	156	168	150	190	260	204	284	284	287	134	156	175
23	160	175	140	180	280	196	440	273	302	127	329	170
24	168	168	130	190	290	412	508	218	295	123	180	168
25	165	172	120	210	340	266	349	231	280	128	154	168
26	165	175	140	240	370	234	362	240	234	156	163	168
27	165	172	140	260	330	234	402	224	215	177	156	165
28	165	170	130	280	360	212	349	224	215	128	156	170
29	163	187	120	260	290	201	371	237	273	125	286	170
30	160	177	120	240	.....	185	440	218	198	127	792	170
31	180	.....	130	250	.....	209	.....	221	.....	110	224	.....
Mean	151	169	150	180	239	201	311	355	316	197	157	165
Max.	180	218	185	280	370	412	508	919	1470	542	792	313
Min.	130	130	110	120	120	150	221	201	187	110	82	138
A. F.	9290	10070	9230	11070	13750	12330	18530	21810	18800	12100	9650	9810

Total acre-feet 156440.

CLEVELAND DRAIN—Sec. 6-20-52 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	4	10	7	10	5
2	3	10	11	7	9
3	3	12	7	10	9
4	3	9	13	10	6
5	4	6	18	12	12
6	4	14	11	21	10
7	2	15	10	23	21
8	2	19	37	13	17
9	2	14	15	9	15
10	2	32	7	10	18
11	2	37	10	8	11
12	4	16	6	12	12
13	4	7	10	11	9
14	4	10	14	14	13
15	4	8	10	23	12
16	4	9	8	22	9
17	4	9	8	20	11
18	3	6	12	19	10
19	3	5	20	16	11
20	2	12	14	16	12
21	2	9	13	14	10
22	3	17	17	22	12
23	22	5	12	23	16
24	5	10	12	24	20
25	4	16	7	24	6
26	6	6	9	26	6
27	4	3	9	21	8
28	10	6	7	26	16
29	8	6	7	23	10
30	7	10	8	15	9
31	14	.....	11	10	.....
Mean	5	12	12	17	12
Max.	22	37	37	26	21
Min.	2	3	6	7	6
A. F.	290	690	720	1020	630

DAWSON COUNTY DRAIN NO. 2—
Sec. 25-10-23 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	10	7	3	5	6
2	10	7	3	5	5
3	9	9	3	6	5
4	9	7	4	6	5
5	8	7	4	6	5
6	8	7	4	9	5
7	7	8	4	9	5
8	7	8	4	8	5
9	7	7	4	8	5
10	7	5	4	8	5
11	6	5	4	8	5
12	7	6	4	8	5
13	6	8	4	8	5
14	6	7	3	8	5
15	5	6	3	8	5
16	5	6	5	8	5
17	5	5	5	8	6
18	5	5	3	8	5
19	5	4	4	8	5
20	5	4	3	8	5
21	5	4	3	8	5
22	7	4	3	8	5
23	6	4	4	7	4
24	6	4	4	7	4
25	7	4	4	7	4
26	6	4	4	6	3
27	6	4	5	6	3
28	6	4	5	6	3
29	6	3	5	6	3
30	7	3	5	6	3
31	6	.....	5	6	.....
Mean	7	6	4	7	5
Max.	10	9	5	9	6
Min.	5	3	3	5	3
A. F.	410	330	240	440	280

DUGOUT CREEK, UPPER—

Sec. 20-20-50 W.

Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	0	26	15	28	10
2	0	50	11	26	9
3	1	52	22	32	9
4	1	69	67	15	10
5	1	74	76	20	10
6	1	71	52	13	10
7	1	86	28	10	14
8	0	65	31	12	14
9	0	59	50	10	12
10	0	69	40	10	12
11	0	85	46	7	11
12	1	80	62	5	13
13	1	79	64	5	14
14	0	71	54	5	34
15	1	77	55	30	12
16	1	77	64	17	14
17	1	77	55	14	12
18	0	72	61	8	10
19	1	77	64	6	12
20	0	69	64	5	12
21	0	93	64	5	10
22	0	93	64	8	10
23	50	65	64	8	10
24	40	69	48	8	12
25	39	60	31	8	14
26	33	61	18	8	34
27	29	27	36	11	14
28	31	17	36	8	11
29	26	24	28	6	10
30	31	21	35	8	19
31	19	—	44	8	—
Mean	10	64	47	12	13
Max.	50	93	76	32	34
Min.	0	17	11	5	9
A. F.	610	3800	2870	720	790

ELKHORN RIVER AT NELIGH—Sec. 20-25-6 W.

Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	97	150	160	100	200	242	332	922	362	424	252	121
2	96	144	160	110	210	248	346	882	336	386	215	117
3	98	143	160	100	200	265	369	1390	324	392	166	114
4	100	144	161	110	190	265	351	2170	329	502	150	109
5	101	144	161	110	196	265	324	3680	341	378	144	108
6	101	144	160	110	190	210	311	3880	392	332	136	106
7	101	146	158	110	192	130	300	3260	466	327	132	103
8	102	100	158	120	196	150	290	2450	580	318	124	102
9	100	110	156	120	201	200	292	1970	696	307	117	103
10	100	150	150	120	120	210	280	1720	798	433	108	108
11	100	160	150	110	75	230	315	1590	966	454	103	112
12	102	172	150	120	100	200	332	1930	1080	364	100	116
13	120	173	120	120	130	180	320	1860	1300	354	97	120
14	117	175	55	120	130	180	318	1840	1390	332	96	120
15	109	173	50	130	140	180	372	1460	1640	302	102	114
16	110	168	75	130	140	200	502	1230	1980	288	117	110
17	111	166	85	140	140	255	562	1060	2580	272	114	105
18	112	166	85	150	140	244	544	890	3090	255	109	101
19	114	162	90	150	140	235	502	713	3070	242	103	137
20	117	162	110	160	140	229	496	657	2640	238	98	137
21	114	161	95	170	150	237	472	1080	2230	228	101	126
22	114	156	100	180	150	253	463	1160	1840	215	115	119
23	116	156	110	180	150	265	568	1220	1480	206	144	117
24	122	156	95	180	150	302	1040	1400	1230	198	137	117
25	126	158	100	190	160	302	1450	1210	1020	192	142	116
26	122	160	110	200	210	311	1620	990	878	187	150	119
27	121	158	110	220	240	329	1420	730	755	181	149	120
28	122	158	110	200	230	320	1460	601	618	173	144	121
29	124	164	100	280	250	302	1390	520	526	168	140	121
30	129	161	100	260	265	280	1120	460	469	164	136	121
31	158	.....	110	240	.....	272	.....	400	.....	158	130	.....
Mean	112	155	119	156	168	242	615	1462	1180	289	131	115
Max.	158	175	161	290	250	329	1620	3880	3090	502	252	137
Min.	96	100	50	100	75	130	280	400	324	158	96	101
A. F.	6890	9200	7330	9590	9640	14860	36620	89900	70230	17790	8070	6860

Total acre-feet 286980.

BUREAU OF IRRIGATION

539

ELKHORN RIVER AT WATERLOO—Sec. 21-16-10 E.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	228	314	417	300	649	1220	781	2110	1670	1640	907	1470
2	226	317	413	300	617	1200	1070	2170	1530	1540	2940	1020
3	226	320	406	310	602	1100	921	2170	1460	1450	1810	1330
4	226	323	406	310	612	1000	914	3590	2920	1390	3710	1120
5	228	334	410	310	633	930	1030	4520	5960	1760	2580	793
6	228	334	413	320	628	874	907	4130	3680	2290	2060	632
7	228	347	410	300	577	750	842	4220	2760	1940	1400	633
8	228	365	406	300	587	660	829	4150	3880	3770	1040	597
9	226	330	406	300	450	633	805	4400	5840	2160	921	557
10	228	320	406	300	270	633	781	4480	4300	1570	861	538
11	228	286	390	300	120	649	1020	5050	19000	4300	758	524
12	228	298	390	300	180	676	1490	5990	93800	5940	682	562
13	241	314	310	300	190	720	1660	9240	73100	4830	612	538
14	252	361	320	300	210	736	1410	8960	41800	3170	577	538
15	263	398	260	300	220	726	1220	9140	23200	2270	567	538
16	263	398	250	310	240	709	1140	14300	9490	2170	567	543
17	286	379	250	310	270	676	1080	10200	5310	1760	602	577
18	301	390	250	320	290	654	1100	5630	4070	1720	577	1280
19	295	402	260	320	310	638	1100	3610	3770	2320	543	935
20	295	410	260	330	360	628	1260	3360	3940	1400	534	907
21	292	413	270	340	410	623	1380	2850	4220	1140	534	854
22	292	417	280	350	460	623	1410	2340	4180	1040	520	660
23	298	417	290	370	550	623	1510	2300	3470	992	538	612
24	304	413	280	390	811	617	2620	3090	3000	949	612	602
25	304	413	280	617	753	698	4400	3030	2600	1020	665	567
26	301	417	280	602	1350	980	3720	2650	2300	942	704	534
27	304	413	290	654	1680	1260	3470	2710	2140	874	880	515
28	301	402	290	682	1000	1210	2750	2380	2000	835	1020	502
29	304	398	290	628	1040	1100	2200	2330	1870	805	1000	489
30	311	410	290	633	-----	930	1920	2110	1780	775	1040	489
31	314	-----	290	619	-----	829	-----	1810	-----	748	914	-----
Mean	266	368	328	389	554	816	1558	4485	11300	1920	1054	717
Max.	314	417	417	682	1680	1260	4400	14300	93800	5940	3710	1470
Min.	226	286	250	300	120	617	781	1810	1460	748	520	489
A. F.	16360	21920	20160	23910	31870	50190	92710	275700	672500	118000	64810	42660

Total acre-feet 1430790.

ELM CREEK—Sec. 33-9-18 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	20	4	0	0	8
2	21	1	2	0	8
3	21	1	0	0	0
4	6	1	31	0	0
5	4	0	5	0	0
6	3	0	10	0	0
7	2	0	4	0	0
8	2	0	2	0	0
9	2	1	4	0	0
10	1	0	3	0	0
11	0	1	3	0	0
12	1	3	5	0	0
13	1	200	4	0	0
14	1	3	1	0	0
15	0	27	3	0	6
16	1	6	3	0	6
17	0	2	2	0	8
18	0	1	3	0	8
19	1	1	2	0	8
20	1	0	0	1	8
21	1	0	0	1	7
22	1	0	1	2	5
23	2	0	1	2	5
24	1	0	0	13	4
25	1	0	0	12	6
26	1	1	0	9	6
27	15	2	0	9	5
28	2	1	0	9	5
29	1	1	0	8	7
30	2	0	0	1	7
31	21	-----	0	1	-----
Mean	4	9	3	2	4
Max.	21	200	10	13	8
Min.	0	0	0	0	0
A. F.	270	510	180	130	230

REPORT OF THE STATE ENGINEER

FREMONT SLOUGH—Sec. 17-13-29 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3	4	3	4	4	9	6	7	5	4	6	6
2	3	4	3	4	4	10	6	6	4	5	6	6
3	3	3	3	3	4	10	6	6	7	5	6	6
4	3	3	4	3	4	10	6	6	6	5	6	6
5	3	3	3	4	4	10	6	5	4	5	6	6
6	3	4	3	4	4	10	6	5	4	5	6	6
7	3	4	3	4	4	10	6	4	6	5	7	5
8	3	4	4	4	4	10	6	4	6	5	6	6
9	3	4	3	4	5	10	6	4	7	5	7	6
10	3	4	4	4	5	10	6	6	7	6	7	6
11	3	4	4	4	5	10	6	6	8	9	7	6
12	3	4	4	4	5	11	6	7	8	6	6	6
13	4	4	4	4	5	7	7	7	9	5	6	6
14	4	4	4	4	6	6	7	11	11	4	6	6
15	4	4	4	4	6	6	6	9	10	5	6	6
16	4	4	4	4	6	6	6	8	5	5	6	6
17	4	4	4	4	6	6	6	8	4	5	6	5
18	4	4	4	4	6	6	6	8	3	5	6	5
19	4	4	4	4	6	6	7	8	4	5	5	4
20	4	4	4	4	6	5	6	7	4	5	5	5
21	4	4	4	4	7	5	7	7	5	5	5	5
22	4	4	4	4	7	5	9	6	6	5	6	5
23	4	4	4	4	7	5	13	6	6	5	7	6
24	4	4	4	4	8	6	11	5	6	5	6	6
25	4	4	4	4	10	6	9	5	6	4	7	7
26	4	4	4	4	10	6	8	5	6	4	7	8
27	4	3	4	4	6	6	8	5	6	4	7	9
28	4	3	4	4	8	6	7	5	5	4	6	8
29	3	3	4	4	8	6	7	5	4	5	6	5
30	4	3	4	4	-	6	8	4	4	6	6	5
31	4	-	4	4	-	6	-	5	-	6	6	-
Mean	4	4	4	4	6	7	7	6	6	5	6	6
Max.	4	4	4	4	10	11	13	11	11	9	7	9
Min.	3	3	3	3	4	5	6	4	3	4	5	4
A. F.	220	220	230	240	340	460	420	380	350	310	330	350

Total acre-feet 3900.

FRENCHMAN RIVER BELOW CHAMPION—Sec. 22-6-39 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36	46	45	40	52	60	38	63	22	22	29	28
2	39	44	45	37	51	58	31	60	26	28	29	27
3	37	43	45	47	51	60	32	60	20	29	47	30
4	36	50	45	49	51	61	32	56	28	30	188	31
5	35	42	45	39	54	57	36	54	37	36	128	25
6	30	49	45	44	48	57	35	60	31	42	68	27
7	32	38	45	48	54	52	29	46	23	31	37	26
8	35	47	45	56	55	56	36	57	23	30	33	28
9	35	46	45	51	49	55	31	52	25	28	39	30
10	35	48	45	55	44	55	40	58	26	51	48	37
11	35	40	45	52	56	57	39	54	23	42	33	42
12	35	46	45	50	56	51	51	56	54	37	32	37
13	35	47	45	48	51	55	48	55	49	32	22	37
14	35	42	45	48	56	52	45	52	57	30	15	35
15	35	45	45	50	53	55	41	57	58	40	23	35
16	27	50	36	47	57	52	38	51	56	36	28	35
17	39	39	36	47	50	50	40	52	52	53	23	30
18	50	37	36	49	52	59	41	48	41	52	38	29
19	41	34	32	51	52	46	39	46	42	44	53	31
20	45	36	48	53	48	46	46	41	39	50	50	32
21	51	36	27	53	54	51	36	35	42	48	49	31
22	49	48	37	53	52	61	54	51	44	49	48	29
23	52	35	38	48	53	50	67	29	35	45	48	31
24	40	47	32	64	56	47	70	24	31	52	50	30
25	46	41	34	49	61	42	68	27	25	47	62	33
26	42	47	36	57	60	41	67	31	24	49	76	29
27	42	46	41	39	59	43	63	20	23	47	80	32
28	48	44	35	62	64	41	59	20	32	43	55	37
29	39	50	35	62	60	39	69	27	19	42	33	27
30	45	54	35	52	-	41	61	25	32	37	26	30
31	44	-	32	54	-	37	-	21	-	37	28	-
Mean	40	44	40	50	54	51	46	45	35	40	49	31
Max.	52	54	-	64	64	61	70	63	58	53	188	42
Min.	27	34	27	37	44	37	29	20	19	22	15	25
A. F.	2430	2610	2470	3080	3090	3150	2740	2750	2060	2460	3010	1870

Total acre-feet 31720.

BUREAU OF IRRIGATION

541

FRENCHMAN RIVER, HARVEY DAM SITE—Sec. 3-5-33 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	68	71	58	84	84	70	92	47	39	41	45
2	56	68	78	64	81	86	70	96	48	42	39	45
3	57	69	74	62	77	87	70	96	48	42	43	46
4	56	72	71	64	77	86	58	90	61	45	75	48
5	54	74	66	59	78	85	54	86	56	43	242	50
6	47	70	65	63	80	79	59	87	56	45	117	48
7	50	66	67	62	80	85	65	87	66	58	91	47
8	52	69	71	62	85	79	67	79	65	59	70	43
9	53	71	67	70	80	78	71	81	57	60	51	47
10	60	70	60	72	71	81	64	84	47	45	57	64
11	53	68	62	74	71	83	67	83	55	69	68	56
12	49	71	54	78	87	80	81	84	70	75	54	55
13	48	65	60	77	76	79	87	87	81	55	68	57
14	48	66	55	70	79	78	84	83	90	47	48	56
15	53	69	52	71	81	75	78	80	93	43	39	58
16	50	71	55	70	79	77	78	85	86	65	36	58
17	57	70	55	75	79	78	74	83	83	63	37	61
18	59	69	54	71	77	77	80	76	83	95	38	54
19	63	70	60	74	79	80	79	83	66	90	43	45
20	66	69	64	76	74	74	79	81	64	80	68	45
21	67	62	59	79	79	72	87	84	60	70	76	47
22	70	65	61	80	78	81	86	79	48	67	70	54
23	69	69	58	77	84	83	129	80	61	71	65	52
24	69	72	54	85	83	76	117	71	65	70	65	57
25	67	67	57	85	87	77	112	61	58	74	68	54
26	68	68	60	84	89	72	107	54	44	67	75	47
27	66	67	57	60	89	69	99	59	40	70	90	49
28	66	62	57	83	86	71	97	79	38	69	100	49
29	67	69	59	91	92	70	106	62	41	71	88	47
30	60	76	57	91	—	67	107	54	40	68	65	43
31	60	—	59	80	—	67	—	49	—	53	50	—
Mean	59	69	61	73	81	78	83	78	61	62	69	51
Max.	70	78	78	91	92	87	129	96	93	95	242	64
Min.	47	62	52	58	71	67	54	49	38	39	36	43
A. F.	3610	4090	3770	4500	4650	4790	4920	4830	3600	3730	4240	3030

Total acre-feet 49820.

FRENCHMAN RIVER NEAR HAMLET—Sec. 29-5-34 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	78	90	101	98	120	124	105	161	97	76	90	67
2	79	92	103	101	127	123	104	149	92	73	82	66
3	80	95	103	103	128	123	105	146	90	72	77	62
4	77	96	104	98	119	124	105	142	89	82	72	62
5	80	97	103	97	117	123	102	136	88	86	74	75
6	78	98	101	96	116	122	93	133	99	190	139	72
7	76	94	99	89	119	121	93	130	93	93	139	70
8	74	91	97	100	115	120	95	130	104	85	109	68
9	74	92	101	100	121	119	99	122	104	93	97	67
10	76	94	102	110	123	117	101	125	101	92	82	67
11	76	97	97	110	82	115	110	123	92	123	76	68
12	83	97	96	100	80	115	107	124	92	96	84	79
13	80	95	93	90	90	116	109	117	141	103	77	74
14	76	97	97	110	110	109	117	117	133	100	72	74
15	74	93	92	120	110	111	117	118	133	89	87	76
16	74	94	97	120	110	107	112	114	128	85	69	76
17	75	97	90	120	110	105	115	114	122	85	66	76
18	77	99	89	120	100	110	113	111	120	97	65	72
19	81	97	89	120	100	105	111	110	117	97	64	81
20	85	97	88	110	111	105	117	107	113	116	65	74
21	89	97	97	111	113	106	121	110	105	111	70	70
22	93	95	93	113	109	107	132	159	109	103	83	69
23	96	95	91	114	115	110	148	134	94	97	92	74
24	99	96	92	117	116	121	167	121	88	103	82	77
25	100	100	89	119	121	117	160	119	112	103	80	73
26	100	99	87	122	123	115	156	110	94	100	85	80
27	100	95	90	121	122	113	145	105	90	100	87	72
28	97	97	92	79	122	108	141	105	79	95	93	71
29	95	94	86	80	120	105	165	104	77	96	100	74
30	97	94	85	90	—	105	164	113	77	95	96	74
31	97	—	90	100	—	106	—	101	—	97	85	—
Mean	84	96	95	105	113	114	121	123	102	98	85	72
Max.	100	100	104	122	128	124	167	161	141	190	139	81
Min.	74	90	85	79	80	105	93	101	77	72	64	32
A. F.	5190	5680	5820	6480	6480	7000	7200	7560	6100	6020	5230	4280

Total acre-feet 73040.

REPORT OF THE STATE ENGINEER

FRENCHMAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	48	100	145	124	157	204	172	338	169	83	80	46
2	49	90	150	128	174	210	169	321	142	78	72	37
3	51	90	150	120	192	219	169	276	134	72	63	30
4	47	92	152	145	190	204	164	257	104	67	56	34
5	44	96	155	137	179	208	157	242	101	92	53	27
6	35	106	150	128	183	202	159	229	116	106	41	27
7	43	120	150	120	181	204	157	221	129	177	52	30
8	42	122	148	110	188	204	150	215	113	83	72	29
9	38	124	145	130	186	204	148	213	120	96	63	28
10	38	124	154	130	188	206	157	201	128	92	39	27
11	44	129	148	120	120	206	174	204	120	204	36	27
12	50	131	148	120	126	204	176	204	480	157	37	31
13	57	134	145	130	135	204	192	199	172	140	35	30
14	46	131	137	130	169	199	204	192	255	123	33	35
15	48	132	129	140	174	188	188	188	195	123	31	32
16	47	126	126	150	170	184	188	188	174	409	31	31
17	49	129	140	150	165	177	184	169	169	164	29	32
18	59	139	142	150	160	174	183	176	162	159	26	31
19	60	140	150	150	170	184	183	167	152	129	23	36
20	77	142	148	150	174	169	197	169	152	143	27	35
21	69	139	148	140	188	174	215	164	135	135	27	35
22	69	139	155	150	206	169	221	172	117	135	27	32
23	65	132	139	190	204	174	567	181	126	132	31	33
24	72	137	137	190	219	174	468	188	123	118	23	38
25	77	142	143	192	231	183	375	164	257	118	31	37
26	73	148	143	192	248	201	355	145	408	118	28	40
27	72	145	143	201	237	188	310	139	192	120	27	42
28	76	145	140	174	225	183	291	135	134	117	35	42
29	77	143	131	139	217	181	577	134	96	96	40	38
30	99	143	123	150	---	176	405	132	63	96	41	44
31	90	---	123	155	---	176	---	281	---	96	47	---
Mean	58	127	143	146	185	191	242	300	165	128	41	34
Max.	99	148	155	201	248	219	577	338	480	409	80	46
Min.	35	90	123	110	120	169	148	132	63	67	23	27
A. F.	3590	7560	8900	9000	10620	11770	14390	12310	9790	7890	2500	2020

Total acre-feet 100240.

GERING DRAIN NEAR GERING—Sec. 6-21-54 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	59	36	32	27	26	26	28	25	42	60	58	69
2	44	36	34	27	27	25	25	27	60	52	58	66
3	41	36	33	27	26	26	25	25	79	50	62	62
4	40	36	32	27	27	26	25	26	74	59	60	79
5	40	36	32	27	27	26	25	26	74	123	54	67
6	40	36	31	26	27	25	24	26	69	122	57	57
7	39	35	31	27	29	25	24	26	87	92	57	69
8	39	34	31	27	27	25	24	26	136	65	54	68
9	39	35	30	27	27	26	24	26	140	60	55	69
10	38	35	29	27	26	26	24	26	118	90	54	70
11	38	34	30	26	26	26	24	27	112	110	55	73
12	41	34	29	26	26	26	23	27	184	102	63	72
13	40	34	29	25	26	26	23	26	124	106	62	71
14	38	34	28	26	25	25	23	26	110	74	87	71
15	38	34	29	26	25	26	23	26	116	57	97	76
16	39	34	29	26	25	26	23	104	106	71	99	71
17	40	34	29	27	25	27	24	167	99	68	94	71
18	40	33	29	26	25	27	24	28	85	64	83	82
19	40	33	29	26	25	26	24	28	86	52	64	83
20	38	33	29	27	25	26	24	28	83	50	59	84
21	38	32	28	26	25	27	29	29	76	64	64	85
22	37	33	27	25	25	27	26	41	67	72	63	86
23	37	33	28	26	25	27	25	64	47	65	63	87
24	38	32	28	26	25	29	25	49	33	53	57	88
25	37	33	28	26	25	27	25	35	36	80	61	84
26	38	32	28	26	25	27	24	35	64	56	60	80
27	38	32	28	24	25	26	24	62	51	54	60	76
28	37	32	27	25	25	26	24	113	40	53	60	71
29	38	32	27	25	25	26	25	110	44	57	62	74
30	39	33	27	25	---	27	29	71	54	59	63	78
31	36	---	27	25	---	27	---	47	---	52	68	---
Mean	40	34	29	26	26	26	25	45	83	71	65	75
Max.	59	36	34	27	29	29	29	167	184	123	99	88
Min.	36	32	27	24	25	25	23	25	33	50	54	62
A. F.	2430	2020	1800	1600	1480	1610	1470	2780	4950	4350	3990	4460

Total acre-feet 32940.

BUREAU OF IRRIGATION

HORSE CREEK NEAR LYMAN—Sec. 25-23-58 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	201	59	37	22	22	34	40	60	48	43	65	88
2	156	54	38	24	22	35	61	60	41	43	63	90
3	119	53	35	24	22	34	67	68	40	46	64	86
4	101	52	35	24	26	29	44	72	73	50	61	96
5	95	51	34	20	26	30	31	76	102	73	60	97
6	90	50	33	20	32	26	28	77	87	54	66	103
7	87	48	32	20	49	24	26	80	76	59	68	104
8	83	46	34	20	42	26	25	83	79	229	63	103
9	81	52	31	20	35	29	22	86	130	232	62	97
10	80	49	29	20	34	30	22	87	173	200	65	97
11	78	49	31	21	32	29	24	76	189	151	62	100
12	78	50	30	21	31	25	22	79	203	89	60	101
13	76	50	29	21	30	25	21	78	125	106	60	100
14	73	50	29	21	29	19	21	64	79	89	63	91
15	72	47	29	21	28	22	20	57	134	64	63	86
16	72	46	29	21	27	28	20	50	109	67	62	86
17	71	46	29	21	26	31	22	66	104	68	60	87
18	70	45	28	21	28	31	22	73	90	63	61	82
19	70	46	29	21	29	26	20	60	58	62	62	84
20	70	46	30	21	30	27	16	55	47	64	61	84
21	68	45	30	21	32	25	18	46	39	64	60	79
22	69	43	28	21	34	24	26	39	39	64	64	77
23	68	43	25	21	35	29	18	32	38	64	73	78
24	67	42	28	21	36	34	14	28	40	65	77	82
25	67	42	26	21	35	27	20	61	37	115	89	102
26	67	32	28	22	31	30	30	84	37	73	79	136
27	65	32	23	22	30	30	45	78	44	63	87	153
28	64	34	22	22	31	30	49	144	40	59	87	201
29	66	34	22	22	33	30	56	133	42	59	84	155
30	73	35	22	22	---	30	72	137	46	62	83	116
31	64	---	22	22	---	30	---	89	---	65	86	---
Mean	83	46	29	21	31	28	31	73	80	84	68	102
Max.	201	59	38	24	49	35	72	144	203	232	89	201
Min.	64	32	22	20	22	19	14	28	37	43	60	77
A. F.	5080	2720	1800	1310	1780	1740	1830	4500	4740	5170	4200	6040

Total acre-feet 40910.

INDIAN CREEK—Sec. 19-20-50 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	7	2	1	8	35
2	5	2	13	10	38
3	5	2	16	6	32
4	5	1	16	6	25
5	5	55	30	7	27
6	5	27	16	12	28
7	3	1	7	12	32
8	6	24	10	12	38
9	9	20	16	9	35
10	4	24	19	9	35
11	3	20	31	10	34
12	4	53	36	8	51
13	3	47	36	8	51
14	2	34	53	9	45
15	2	24	58	7	48
16	2	20	64	7	42
17	3	15	57	13	43
18	1	16	42	11	38
19	2	15	42	9	40
20	2	2	40	13	44
21	2	1	2	19	23
22	3	1	2	18	32
23	3	78	2	18	35
24	2	1	2	18	51
25	83	1	31	20	52
26	51	52	8	20	43
27	49	1	11	32	48
28	49	1	11	25	52
29	34	1	10	27	52
30	31	1	10	40	42
31	2	---	8	32	---
Mean	12	18	23	15	40
Max.	83	78	64	40	52
Min.	1	1	1	6	25
A. F.	770	1080	1390	900	2360

LINCOLN COUNTY DRAIN NO. 1
Sec. 30-14-30 W.

Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	49	58	62	81	112
2	48	57	65	84	115
3	48	54	64	84	115
4	48	54	70	78	115
5	48	49	78	81	115
6	48	47	74	85	107
7	49	50	79	84	102
8	49	50	71	83	103
9	49	49	70	83	103
10	49	46	77	83	103
11	49	48	97	89	134
12	48	50	83	88	102
13	47	50	66	88	99
14	48	70	79	91	99
15	48	57	72	91	100
16	49	55	72	86	101
17	51	46	74	90	101
18	49	49	71	92	98
19	49	47	72	93	98
20	47	48	73	98	98
21	47	48	72	100	92
22	46	49	71	106	92
23	48	48	70	112	90
24	43	49	69	104	94
25	44	51	46	111	99
26	45	49	70	103	94
27	44	58	74	107	92
28	45	56	74	105	88
29	45	57	72	107	92
30	53	58	70	110	92
31	56	---	73	115	---
Mean	48	52	72	94	100
Max.	56	70	97	115	115
Min.	43	46	46	78	88
A. F.	2950	3090	4420	5780	5980

REPORT OF THE STATE ENGINEER

LODGEPOLE CREEK AT BUSHNELL—Sec. 33-15-57 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	12	13	10	15	16	28	16	11	14	10	8
2	10	12	14	10	15	16	23	17	9	14	9	9
3	10	12	13	11	16	17	20	17	10	14	9	9
4	10	12	14	12	16	16	19	17	9	16	9	9
5	10	12	14	10	16	18	19	17	11	18	9	9
6	10	12	14	10	15	15	18	16	10	16	13	9
7	10	11	14	10	18	14	17	16	11	16	9	9
8	10	9	15	9	18	15	16	17	14	15	9	9
9	10	14	12	11	17	18	16	16	13	15	8	9
10	10	15	13	12	11	17	18	16	14	49	8	9
11	10	15	13	11	12	17	19	16	16	20	8	9
12	10	14	14	11	15	16	17	15	18	12	8	9
13	10	14	14	11	16	17	16	15	15	13	8	9
14	10	14	15	11	14	12	15	14	15	11	8	10
15	10	14	14	12	14	16	15	14	15	11	8	10
16	10	14	14	12	14	16	15	14	14	10	8	10
17	10	14	14	12	14	21	14	13	13	9	8	9
18	10	14	14	12	15	17	19	13	13	9	8	9
19	10	14	14	12	14	16	18	12	13	10	7	10
20	10	14	14	11	15	18	18	11	13	12	7	10
21	10	14	14	13	15	15	19	11	13	11	8	9
22	11	13	13	12	15	12	20	11	14	11	8	10
23	11	14	11	12	16	21	18	11	15	10	8	10
24	11	14	12	13	16	23	17	11	19	11	9	9
25	11	14	12	14	16	17	16	11	16	27	10	9
26	11	14	12	14	13	17	16	10	15	13	9	9
27	11	12	11	34	16	16	16	10	16	13	8	9
28	11	13	9	8	16	12	16	10	16	11	8	9
29	12	11	9	10	16	14	16	10	16	11	8	10
30	14	12	9	10	....	11	17	10	14	11	8	10
31	13	....	9	12	....	30	....	12	....	10	8	....
Mean	10	13	13	12	15	17	18	14	14	14	8	9
Max.	14	15	15	34	18	30	28	17	19	49	13	10
Min.	9	9	9	8	11	11	14	10	9	9	7	8
A. F.	645	772	787	738	871	1020	1050	831	815	879	522	550

Total acre-feet 9480.

LODGEPOLE CREEK BELOW OLIVER
RESERVOIR—Sec. 31-15-56 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	3	2	3	3	4
2	3	2	3	3	4
3	3	2	3	3	4
4	3	2	3	3	4
5	3	2	2	4	4
6	3	2	2	4	4
7	3	2	2	5	4
8	4	2	2	5	3
9	4	2	2	4	3
10	4	4	2	4	3
11	6	4	2	4	3
12	5	4	2	30	1
13	5	2	2	5	1
14	5	1	2	5	1
15	6	3	2	5	1
16	6	2	2	5	1
17	6	2	2	7	0
18	6	2	2	8	0
19	6	2	2	8	0
20	6	2	2	8	0
21	6	2	2	5	0
22	6	2	2	6	1
23	6	2	2	6	1
24	6	2	2	6	1
25	6	2	2	6	1
26	6	2	2	5	1
27	6	2	2	4	1
28	6	3	2	5	1
29	5	3	2	4	2
30	5	4	3	4	2
31	2	....	3	4	....
Mean	5	2	2	6	2
Max.	6	4	3	30	4
Min.	2	1	2	3	0
A. F.	300	140	130	350	110

BUREAU OF IRRIGATION

545

LOGAN CREEK AT UEHLING—Sec. 9-20-8 E.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	36	48	26	35	75	148	124	98	100	422	78
2	28	38	46	28	22	65	614	140	96	99	1460	78
3	29	35	43	32	25	51	106	154	100	96	740	69
4	30	34	43	32	25	44	62	416	3640	210	2040	70
5	29	35	44	36	22	30	43	486	2200	232	737	64
6	28	33	42	34	16	13	37	262	592	198	160	64
7	28	30	43	32	17	13	48	157	255	771	124	60
8	24	24	44	30	18	20	43	145	958	1860	114	64
9	24	24	44	30	18	28	40	130	1030	990	108	61
10	24	22	44	30	18	48	36	134	737	828	99	90
11	29	32	45	30	20	60	86	143	6320	1520	89	132
12	29	40	48	28	20	70	171	4060	6900	2630	83	69
13	36	40	40	28	18	80	134	5670	6400	730	83	55
14	37	40	34	30	20	32	66	1700	4080	430	75	56
15	38	40	30	30	26	34	55	720	890	230	110	54
16	38	34	26	32	34	41	50	367	537	180	105	61
17	37	50	22	32	34	40	45	378	319	157	87	326
18	36	70	20	34	34	69	46	329	275	222	78	171
19	36	54	24	36	34	60	44	183	242	143	71	95
20	34	47	20	38	36	55	58	161	210	134	71	90
21	36	48	28	36	36	42	50	150	196	129	69	75
22	33	46	22	34	38	34	47	145	184	122	74	58
23	33	44	16	36	46	44	99	132	166	114	74	54
24	36	45	18	36	48	339	447	121	155	102	69	56
25	35	47	20	60	46	312	288	137	170	104	80	58
26	37	46	28	80	1840	204	242	113	186	98	85	59
27	36	44	22	110	534	71	194	108	135	92	79	68
28	34	42	18	138	302	61	124	106	114	90	71	55
29	35	43	20	147	154	30	110	104	115	93	87	54
30	38	50	22	110	—	44	154	100	116	93	94	55
31	37	—	26	76	—	58	—	96	—	92	76	—
Mean	33	40	32	48	122	70	123	554	1247	416	249	79
Max.	38	70	48	147	1840	339	614	5670	6900	2630	2040	326
Min.	24	22	16	26	16	18	36	96	96	90	69	54
A. F.	2020	2410	1960	2960	7010	4320	7310	34060	74210	25560	15300	4720

Total acre-feet 181840.

LOUP RIVER NEAR GENOA—Sec. 25-17-4 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	28	22	37	140	1290	700	333	737	1380	146	55	101
2	24	40	34	85	880	700	421	477	342	182	45	81
3	15	35	619	100	432	777	290	5050	542	267	61	60
4	10	31	94	250	477	1510	267	4920	290	1250	56	45
5	30	28	37	270	558	1450	255	2540	828	675	56	36
6	26	27	32	190	1640	2160	290	1670	416	170	50	73
7	26	24	34	130	282	2360	307	2300	290	110	45	71
8	43	613	14	350	237	1870	271	1800	1160	98	84	64
9	44	968	14	320	148	1440	427	1980	690	65	81	68
10	20	35	26	380	2200	1450	471	1760	640	98	71	33
11	36	89	32	390	2200	1430	972	1510	620	597	65	49
12	49	32	20	330	2200	1700	982	2080	1090	508	73	64
13	61	33	1430	300	2200	1200	810	2840	5000	98	55	67
14	68	26	1570	300	2200	450	450	1310	3500	84	58	63
15	63	46	443	310	2200	650	597	2290	2030	64	33	61
16	65	64	675	320	1200	2000	953	1000	675	67	30	53
17	38	73	1040	400	1200	600	460	466	400	55	32	42
18	28	61	443	410	1200	700	380	396	400	67	32	60
19	58	64	356	450	1200	1200	310	324	438	71	31	79
20	68	60	489	500	1200	400	329	267	400	68	25	82
21	50	53	213	570	2500	500	248	526	180	73	24	85
22	53	47	380	650	2500	1790	224	2410	170	65	37	84
23	49	45	710	640	2500	421	1320	2060	160	84	34	76
24	32	56	520	730	2500	501	6750	483	120	73	33	29
25	27	50	400	960	2500	477	2300	338	100	81	38	42
26	46	35	300	4980	2500	416	1980	495	98	77	30	50
27	42	51	350	3650	2500	471	1650	460	87	65	27	42
28	42	802	500	2600	2500	432	690	430	77	55	34	46
29	37	515	510	1540	1100	443	520	390	148	58	195	50
30	45	43	210	1140	—	1540	650	350	141	45	1080	52
31	—	—	280	1130	—	299	—	300	—	30	173	—
Mean	40	136	381	791	1595	1031	864	1421	747	176	88	60
Max.	68	968	1570	4980	2500	2360	6750	5050	5000	1250	1080	101
Min.	10	22	14	85	148	299	224	267	77	30	24	29
A. F.	2460	8070	23430	48620	91720	63370	51390	87390	44450	10800	6440	3590

Total acre-feet 440730.

REPORT OF THE STATE ENGINEER

LOUP RIVER NEAR COLUMBUS
Highway Bridge on West Line of Sec. 30-17-1 E.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	74	113	249	320	1140	1530	590	1320	924	332	198	689
2	79	116	249	220	992	784	748	1250	678	325	220	266
3	82	141	260	160	678	1230	772	2380	513	362	214	225
4	74	145	237	170	542	1010	580	6450	571	3670	198	188
5	74	145	208	300	601	1120	552	3490	656	992	178	183
6	79	154	163	340	1530	2320	523	2500	898	504	129	214
7	68	178	183	240	772	2380	513	3030	601	378	133	225
8	77	109	183	190	408	2250	552	2710	1150	279	133	220
9	92	1320	145	470	347	1580	542	2920	1640	225	124	198
10	102	292	145	550	1700	1760	645	2920	924	243	158	231
11	85	163	183	490	1090	1580	872	2760	796	1150	124	178
12	89	129	183	460	1900	1910	1250	3250	796	2500	102	208
13	120	79	340	380	1800	1510	1050	4200	3770	820	82	198
14	120	79	1500	380	1800	833	924	4130	4710	442	82	193
15	113	99	1400	400	1400	378	898	4590	3220	332	82	178
16	113	158	870	420	1500	1810	1220	3550	2400	332	89	347
17	192	178	1100	420	1100	760	924	2530	634	434	68	296
18	89	168	1400	450	1500	1050	796	1010	485	260	82	266
19	124	154	720	470	1800	1010	736	859	460	225	89	279
20	129	150	610	440	2500	485	736	571	442	214	106	220
21	129	141	450	500	3700	760	656	748	425	214	99	208
22	106	137	400	530	3600	1460	590	3960	393	193	106	203
23	178	129	240	520	3800	964	950	3400	408	198	260	193
24	129	137	680	530	3000	796	7310	1340	325	198	249	178
25	133	109	600	700	2400	911	4710	712	319	178	299	193
26	120	437	420	3900	4500	808	3740	712	325	183	319	168
27	124	188	380	5130	3770	571	3640	645	306	183	237	168
28	124	340	360	3090	2140	590	2300	590	292	183	154	154
29	116	434	500	2140	1680	477	1400	523	370	141	163	150
30	145	260	450	1470	.....	950	1120	494	378	158	4450	150
31	154	.....	260	1400	.....	580	.....	477	.....	158	1080	.....
Mean	108	203	486	877	1862	1177	1395	2259	994	516	323	225
Max.	178	1320	1500	5130	4500	2380	7310	6450	4710	3670	4450	689
Min.	68	79	145	160	347	477	513	477	292	141	68	150
A. F.	6630	12060	29890	53910	107100	72370	82990	138900	59150	31750	19850	13360

Total acre-feet 627960.

LOUP RIVER, MIDDLE, AT WALWORTH—Sec. 1-19-20 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	915	858	965	780	830	880	876	858	786	744	622	654
2	883	736	867	810	880	890	985	965	786	727	630	662
3	831	727	795	840	910	850	915	905	1180	744	638	678
4	727	778	770	820	940	850	849	795	795	778	638	702
5	686	744	822	690	880	820	813	778	752	770	662	778
6	778	804	778	660	820	1300	813	795	686	718	670	752
7	778	761	752	520	830	1500	876	858	778	761	710	744
8	752	700	736	480	840	1300	840	876	710	752	678	736
9	727	650	867	560	870	1300	876	822	630	718	654	752
10	727	650	885	730	400	1300	778	786	600	710	670	770
11	905	867	867	850	210	1300	786	858	822	955	662	727
12	1120	736	820	830	280	1500	840	935	1060	975	662	752
13	1030	770	660	710	650	1100	778	840	985	858	670	718
14	867	778	480	750	850	730	965	858	804	813	678	744
15	840	858	800	870	910	1120	840	831	727	795	694	795
16	786	905	1100	940	900	1310	795	752	955	778	736	770
17	778	965	960	900	820	385	786	752	996	849	710	718
18	718	867	880	910	870	925	822	670	849	813	702	727
19	778	744	760	940	860	813	831	694	840	813	694	727
20	1030	744	730	950	840	786	795	761	770	761	761	718
21	925	744	680	980	820	804	778	786	752	718	795	702
22	795	736	590	950	850	858	786	858	831	710	795	702
23	849	813	460	970	890	831	1180	795	858	736	855	686
24	915	786	480	960	970	849	876	761	831	727	795	670
25	858	795	840	990	1100	840	835	813	822	718	736	678
26	849	858	860	990	1000	858	867	770	804	702	736	686
27	840	720	850	1000	930	876	876	718	727	694	710	686
28	895	750	790	950	890	813	867	736	694	662	718	670
29	1010	850	800	810	890	849	867	786	710	646	736	686
30	1060	996	880	880	.....	849	915	778	736	654	718	694
31	1140	.....	840	860	.....	752	.....	770	.....	646	686	.....
Mean	864	790	786	836	821	993	859	805	809	756	706	716
Max.	1140	996	1100	1060	1100	1500	1180	965	1180	975	885	795
Min.	686	650	460	480	210	730	778	670	600	646	622	654
A. F.	53150	46990	48330	51390	47210	61040	51090	49510	48150	46500	43440	42610

Total acre-feet 589410.

BUREAU OF IRRIGATION

LOUP RIVER, MIDDLE, AT ARCADIA—Sec. 26-17-16 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	800	882	956	730	920	1140	947	1220	901	740	429	684
2	800	795	985	700	950	1140	1040	1700	763	720	384	546
3	800	804	891	700	1000	1090	1040	1580	928	690	401	661
4	800	830	821	730	840	865	1040	1060	1280	668	369	661
5	800	891	722	740	760	860	1140	910	738	700	401	779
6	800	812	639	680	820	1300	1170	928	699	680	369	771
7	800	838	639	590	960	1600	1270	928	738	700	369	714
8	800	722	746	570	1120	1400	1270	1040	865	690	395	668
9	800	873	830	550	1060	1400	1200	804	804	680	374	668
10	800	928	856	560	856	1400	1280	901	730	680	369	754
11	900	966	821	620	1000	1500	1490	995	787	738	353	763
12	1200	847	856	730	1000	1600	995	1040	1110	821	348	763
13	1100	847	919	760	1000	1200	947	966	975	771	333	746
14	1000	891	670	770	1000	890	1250	1640	838	691	333	676
15	850	812	680	820	1000	1300	1310	947	771	676	348	691
16	800	804	800	930	1000	1400	938	746	763	699	374	730
17	750	668	740	1000	1000	1200	873	821	891	699	390	576
18	901	639	560	1100	1000	919	1040	919	691	754	353	691
19	947	763	800	1100	1000	919	1060	1040	638	668	315	738
20	995	873	930	1200	1000	928	1090	1160	638	738	446	738
21	882	795	920	1100	1000	920	995	1210	668	668	446	722
22	812	812	810	1100	1000	900	1090	1540	691	638	646	722
23	865	787	630	1000	1000	850	1570	956	714	676	787	746
24	856	787	610	1000	1000	800	1340	938	746	602	779	787
25	795	691	610	980	1000	779	1040	928	838	534	746	730
26	865	787	570	980	1000	928	975	856	847	521	735	699
27	787	771	660	1000	1000	891	975	779	754	501	668	699
28	870	873	680	1100	1000	928	928	787	714	514	691	706
29	989	956	660	1100	1000	1020	995	779	714	483	722	714
30	1100	947	660	750	-----	1020	1270	804	730	446	722	795
31	882	-----	670	820	-----	938	-----	847	-----	440	730	-----
Mean	875	825	757	855	975	1098	1117	1025	799	652	490	718
Max.	1200	966	955	1200	1120	1600	1570	1700	1280	821	795	795
Min.	-----	668	570	550	760	779	873	746	638	440	315	646
A. F.	53830	49090	46530	52540	56100	67490	66440	63010	47530	40120	30140	42720

Total acre-feet 615540.

LOUP RIVER, MIDDLE, AT ST. PAUL—Sec. 10-14-10 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	844	1030	1180	780	832	1600	1490	1680	1360	1200	492	1000
2	798	992	1180	760	1560	1600	1540	1890	1720	904	492	928
3	809	844	1240	810	1760	1600	1580	4040	1250	820	436	868
4	832	844	1120	850	1620	1600	1660	2700	1360	1740	436	820
5	832	963	1100	870	1600	1600	1620	1910	2060	1060	448	868
6	832	1120	1130	930	1180	1600	1510	1470	1270	787	448	916
7	832	1000	1040	1000	1510	1600	1380	1360	1120	844	442	940
8	880	800	1240	910	1600	1600	1420	1360	1420	820	442	868
9	809	776	1240	750	1500	1700	1600	1540	1600	721	416	856
10	880	953	1030	670	1500	1840	1780	1320	1740	743	384	832
11	868	992	1160	660	1500	1840	1970	1430	1740	1850	354	868
12	856	1160	1190	700	1500	1910	2320	2110	1800	1470	325	966
13	966	1080	860	700	1500	1910	2150	2480	4160	1190	325	966
14	1360	1060	480	710	1500	1680	1800	1300	3000	1140	310	904
15	1060	1070	630	780	1500	1400	2060	2590	2110	1030	320	856
16	992	1160	770	860	1500	1040	2220	1930	1400	1000	342	1060
17	928	953	650	880	1500	1130	2060	1580	1220	992	360	832
18	904	1060	580	950	1500	1350	1970	1270	1320	904	384	820
19	868	1020	560	1000	1500	1420	1860	1300	1130	916	384	844
20	809	1070	670	1100	1500	1360	1560	1330	1160	928	390	868
21	916	1120	1100	1200	1500	1520	1430	2220	1240	820	564	844
22	1020	1120	650	1100	1500	1660	1270	2420	966	880	634	820
23	916	992	610	1100	1500	1620	2940	1990	880	732	1070	856
24	940	1000	640	1000	1500	1600	5470	1120	880	682	1190	880
25	992	1180	840	1100	1500	1420	2910	1490	820	732	1220	916
26	1020	1300	840	1600	1500	1380	2420	1270	776	732	1140	868
27	1130	1220	750	2000	1500	1420	2530	1120	809	691	1080	798
28	1060	1220	620	1400	1500	1540	1760	1160	904	598	953	820
29	966	1020	640	1600	1500	1430	1450	1160	868	538	904	892
30	1080	892	640	1700	-----	1450	2180	1240	1030	492	928	820
31	1180	-----	660	776	-----	1510	-----	1320	-----	492	1120	-----
Mean	941	1032	872	1008	1488	1546	1997	1713	1437	918	604	880
Max.	1350	1300	1240	2000	1760	1910	5470	4040	4160	1850	1220	1060
Min.	798	776	486	660	832	1040	1270	1120	776	492	310	798
A. F.	57880	61400	53630	61980	85610	95070	118800	105300	85510	56430	37160	52350

Total acre-feet 871120.

REPORT OF THE STATE ENGINEER

LOUP RIVER, NORTH, NEAR TAYLOR—Sec. 22-21-18 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	312	510	462	440	310	716	676	630	493	342	165	304
2	329	451	462	440	570	636	676	723	488	312	168	304
3	329	462	462	430	550	580	703	1030	723	333	165	281
4	316	457	436	460	540	550	737	669	974	382	170	288
5	316	462	478	410	530	562	696	574	650	436	173	333
6	316	478	462	370	520	522	716	550	528	401	173	312
7	316	457	436	400	510	396	682	630	516	451	196	292
8	312	373	441	410	515	325	738	710	550	421	179	296
9	308	304	401	410	522	451	744	662	611	451	157	296
10	304	308	436	400	320	599	730	630	656	396	150	300
11	281	550	446	420	520	862	630	656	636	580	133	308
12	300	478	411	410	540	650	550	682	832	611	119	321
13	382	483	396	390	520	586	586	568	966	520	119	316
14	416	472	391	430	540	488	689	593	839	450	123	312
15	364	472	230	470	540	406	689	550	788	420	140	304
16	316	478	240	510	560	333	545	593	1090	390	170	300
17	292	478	370	550	560	451	528	574	878	370	173	292
18	316	483	574	590	530	556	533	580	737	370	165	300
19	312	510	605	570	540	562	550	539	643	364	137	288
20	321	494	636	600	540	533	533	522	624	368	128	277
21	308	483	556	580	540	630	539	505	611	350	155	277
22	316	478	436	580	540	617	599	556	624	342	258	273
23	325	457	325	570	560	703	878	488	605	342	266	277
24	325	472	342	550	730	802	744	451	568	285	255	288
25	337	467	368	550	910	847	662	516	630	277	308	304
26	342	446	540	490	847	802	636	483	556	269	329	304
27	355	431	470	540	703	730	605	472	516	228	333	321
28	342	421	440	510	586	773	586	462	451	228	329	312
29	346	441	400	480	650	682	593	467	359	205	333	300
30	494	457	410	440	—	611	636	505	325	188	337	316
31	516	—	410	420	—	656	—	522	—	173	337	—
Mean	338	457	435	478	564	602	648	554	649	363	205	300
Max.	516	550	636	600	910	862	878	1030	1090	611	337	333
Min.	281	304	230	370	310	325	528	451	325	173	119	273
A. F.	20760	27200	26720	29400	32420	37030	38540	35880	38590	22320	12580	17840

Total acre-feet 339280.

LOUP RIVER, NORTH, AT SCOTIA—Sec. 8-17-12 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	500	800	700	710	780	1000	1150	1140	1070	500	331	552
2	500	800	750	740	860	1000	984	2310	900	400	331	513
3	500	800	823	800	980	1000	996	2270	750	500	244	520
4	500	800	812	790	1100	1000	996	2000	1000	700	223	471
5	500	800	823	800	1000	1000	996	1480	1500	1000	219	627
6	500	700	845	800	1100	750	996	1140	1000	800	227	654
7	500	700	834	850	1000	750	996	1140	900	800	249	600
8	500	700	856	640	1220	750	1060	1220	1500	750	235	528
9	500	700	878	720	1200	750	1110	1280	1300	700	253	520
10	500	700	900	660	700	750	1110	1240	1060	700	215	568
11	550	650	823	670	700	900	1270	1160	1110	750	219	568
12	550	650	845	680	700	900	1140	3150	2200	850	208	592
13	550	650	845	660	700	900	1020	1700	2000	924	182	632
14	550	650	690	700	700	900	1060	1800	1600	750	172	576
15	550	650	250	750	700	900	1310	1400	1200	710	204	584
16	550	700	260	760	700	850	1080	1000	1050	681	240	568
17	550	700	290	840	900	850	996	912	1000	600	178	544
18	550	700	460	870	900	850	1030	889	1600	609	219	654
19	550	700	600	890	900	850	1030	856	1300	663	215	672
20	550	700	630	890	900	850	1050	834	1150	636	280	645
21	600	750	700	930	900	984	1010	1110	1050	592	249	600
22	600	750	700	900	900	1050	1080	2130	940	536	290	576
23	600	750	640	1000	900	996	1770	1190	900	560	560	576
24	600	750	510	1000	900	1110	1450	948	800	536	520	618
25	600	750	560	1000	900	1070	1220	878	750	513	478	576
26	600	750	640	1000	1000	1120	1190	823	1000	592	592	592
27	600	750	710	1000	1000	1030	1140	710	850	392	710	618
28	600	750	790	1000	1000	1020	1080	627	750	367	609	600
29	600	750	680	950	1000	936	1080	618	650	235	552	600
30	600	750	640	850	—	801	1210	790	550	240	700	592
31	600	—	670	780	—	780	—	1820	—	244	560	—
Mean	*552	*725	684	823	*905	*916	1120	1309	1114	607	338	583
Max.	—	—	930	1000	—	—	1770	3150	2200	1000	710	672
Min.	—	—	250	640	—	—	954	618	550	235	172	471
A. F.	33920	43140	42080	50620	52050	56320	66660	80460	66310	37350	20760	34700

Total acre-feet 584370.

* Estimated

BUREAU OF IRRIGATION

549

LOUP RIVER, NORTH, NEAR ST. PAUL—Sec. 22-15-10 W. Water Year Ending September 30 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	576	934	703	880	640	1100	1350	1440	1310	596	311	626
2	576	906	775	900	760	1000	1240	2400	1020	528	518	605
3	586	906	800	880	1000	1240	1200	2350	812	528	360	576
4	566	878	812	810	1400	1100	1190	1600	990	920	325	596
5	547	878	825	740	1300	1040	1170	1540	1820	1070	291	615
6	537	878	864	670	1300	990	1220	1170	1020	800	298	839
7	518	892	892	660	1300	700	1130	1170	962	825	278	700
8	518	720	948	630	1300	550	1090	1220	1310	800	278	615
9	547	570	990	700	1200	430	1280	1190	1290	788	243	566
10	528	605	1020	670	1100	576	1190	1130	1020	750	243	637
11	500	605	1010	640	1000	948	1330	1130	948	850	210	692
12	518	775	976	680	760	1040	1280	2510	2510	892	200	714
13	586	800	980	720	750	934	1120	1650	2570	1020	181	714
14	576	775	710	780	580	920	1120	2380	1710	948	151	670
15	637	738	500	780	710	800	1290	1650	1410	812	143	681
16	714	714	200	800	990	714	1170	1150	1150	775	254	714
17	659	714	170	890	950	788	1130	990	1070	714	176	692
18	637	714	470	960	880	864	1120	976	1670	615	181	692
19	596	714	930	990	860	1050	1130	934	1350	626	191	750
20	557	775	1000	1100	790	1020	1100	948	1220	670	260	637
21	596	812	960	1100	790	962	1010	1820	1150	615	278	586
22	615	825	950	1100	800	976	1070	2120	1090	566	311	376
23	615	864	820	1100	900	990	1820	1580	976	566	547	586
24	637	825	550	1200	960	1190	1650	1040	892	566	637	605
25	637	838	420	1000	1200	1410	1290	1040	800	528	596	637
26	615	920	600	970	990	1560	1650	962	1020	557	670	626
27	605	850	720	1100	990	1480	1410	920	892	407	738	670
28	615	800	850	1000	1100	1500	1150	850	812	368	714	681
29	692	738	860	940	1000	1310	1120	825	738	298	626	626
30	750	637	790	780	—	1020	1460	920	648	249	1050	596
31	850	—	790	650	—	1100	—	1860	—	249	670	—
Mean	603	787	770	865	976	1010	1249	1402	1206	661	385	651
Max.	850	934	1020	1200	1400	1560	1820	2510	2570	1070	1050	838
Min.	500	570	170	630	580	430	1010	825	648	249	143	566
A. F.	37100	46810	47380	53200	56130	62090	74340	86210	71760	40650	23660	38720

Total acre-feet 638050.

LOUP RIVER, SOUTH, AT RAVENNA—Sec. 17-12-14 W. Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	117	178	165	100	260	217	212	340	284	139	89	99
2	124	165	169	110	260	244	228	938	674	117	89	89
3	127	156	169	110	250	228	250	664	303	106	92	89
4	117	152	173	130	222	220	228	309	228	618	89	92
5	117	173	173	120	173	220	198	256	212	193	89	106
6	109	198	207	100	183	170	198	284	183	152	83	117
7	109	178	202	85	160	140	198	267	202	113	83	124
8	109	130	202	75	165	130	217	217	233	139	86	106
9	113	120	212	75	183	110	212	212	256	117	80	109
10	117	135	202	80	130	140	212	228	267	117	68	109
11	113	139	193	85	65	239	328	361	244	567	65	109
12	113	165	165	90	85	244	272	477	354	233	68	106
13	120	165	140	100	85	233	267	297	861	156	68	127
14	135	141	110	100	90	228	267	303	485	127	68	117
15	131	139	80	100	120	228	402	1040	297	102	63	113
16	135	144	45	110	150	217	303	328	193	131	65	106
17	135	139	50	120	170	212	278	250	178	144	68	113
18	139	139	60	130	180	198	239	198	139	193	68	95
19	135	131	70	150	170	207	239	188	131	222	65	99
20	131	135	100	160	170	178	228	261	207	165	315	102
21	127	130	120	170	200	202	212	1500	131	156	160	99
22	124	120	110	190	210	222	188	501	148	113	120	92
23	124	127	110	200	240	212	830	239	127	117	250	99
24	124	152	110	220	260	233	1030	207	117	109	148	102
25	127	150	110	220	270	223	526	272	113	106	189	99
26	135	148	100	240	272	244	693	212	124	113	113	92
27	144	131	100	280	267	250	439	173	99	109	113	95
28	135	124	120	290	233	250	347	156	102	109	124	99
29	131	131	120	360	212	256	432	169	139	106	117	102
30	152	160	110	330	—	272	551	278	173	95	102	99
31	178	—	110	240	—	239	—	250	—	89	135	—
Mean	127	147	132	156	187	213	341	367	240	160	106	104
Max.	178	198	212	360	272	272	1030	1500	861	567	315	127
Min.	109	120	45	75	65	110	183	156	99	89	63	89
A. F.	7830	8720	8150	9620	10780	13110	20280	22560	14290	9860	6510	6160

Total acre-feet 137870.

REPORT OF THE STATE ENGINEER

LOUP RIVER, SOUTH, AT ST. MICHAEL—Sec. 12-11-13 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	118	200	201	110	276	243	260	463	300	200	104	137
2	118	190	197	110	268	260	270	985	300	200	104	136
3	124	180	194	110	256	272	280	2600	300	200	99	124
4	124	170	216	110	264	250	270	725	300	200	96	110
5	121	195	208	110	268	240	260	434	300	200	96	121
6	127	220	220	100	264	220	276	303	300	200	94	130
7	136	195	224	90	200	190	268	200	300	200	94	130
8	136	185	220	80	190	140	270	298	300	200	91	127
9	133	152	212	90	208	130	270	280	300	200	84	124
10	136	159	216	90	90	190	270	276	300	200	82	127
11	136	172	208	90	40	268	350	331	300	200	73	130
12	136	166	208	100	90	268	350	336	300	200	73	127
13	136	159	197	110	100	264	355	545	300	200	73	130
14	140	159	170	130	120	250	276	360	300	200	71	133
15	146	162	130	120	150	250	336	450	300	200	69	133
16	146	159	100	120	189	215	326	450	300	200	69	136
17	145	166	90	130	190	210	321	450	300	200	69	121
18	145	162	80	140	190	220	355	450	300	200	71	113
19	145	169	80	160	190	240	310	450	300	200	71	124
20	145	169	110	170	200	220	280	450	300	200	350	133
21	150	166	190	170	200	256	260	450	300	200	190	136
22	156	169	150	180	220	290	240	450	300	200	176	130
23	150	180	130	190	260	255	1000	450	300	200	303	130
24	150	180	140	200	340	280	1760	450	300	200	200	136
25	150	183	130	230	360	270	1200	450	300	200	160	150
26	150	183	120	250	370	270	874	450	300	200	130	133
27	160	186	120	280	290	280	568	450	300	200	130	140
28	155	186	130	310	272	280	445	450	300	200	143	140
29	155	186	140	380	260	290	428	450	300	200	133	133
30	175	186	140	340	-----	300	568	450	300	200	124	127
31	190	-----	120	303	-----	280	-----	450	-----	200	130	-----
Mean	143	175	161	165	217	245	443	527	*300	*200	121	132
Max.	190	220	224	380	370	300	1760	2600	-----	-----	350	197
Min.	118	152	80	80	40	130	240	276	-----	-----	69	110
A. F.	\$800	10440	9900	10120	12510	15060	26370	32380	17850	12300	7440	7830

Total acre-feet 171000.

* Estimated.

MELBETA DRAIN—Sec. 13-21-54 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	0	0	2	6	5
2	0	0	7	6	5
3	0	0	6	6	5
4	0	4	13	7	8
5	4	4	8	3	8
6	3	0	4	3	7
7	4	0	4	3	10
8	2	0	12	6	11
9	2	0	3	2	18
10	3	14	3	3	14
11	2	6	17	3	13
12	2	6	10	2	11
13	3	7	1	1	6
14	2	8	1	2	6
15	2	6	0	3	5
16	2	6	0	3	5
17	3	6	0	8	5
18	3	8	0	8	5
19	4	4	0	7	9
20	3	5	10	2	3
21	3	4	10	5	8
22	3	14	2	2	8
23	2	14	7	3	7
24	19	8	13	3	5
25	23	8	13	3	7
26	12	14	8	5	5
27	5	15	15	5	7
28	6	5	17	5	8
29	9	9	18	5	7
30	10	6	9	5	6
31	0	-----	12	4	-----
Mean	4	6	7	4	8
Max.	23	15	18	8	18
Min.	0	0	0	1	3
A. F.	270	360	450	260	450

BUREAU OF IRRIGATION

NEMAHA RIVER NEAR FALLS CITY—Sec. 22-1-16 E.
Water Year Ending September 30, 1944

Day	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	92	1490	675	556	84	1180
2	—	90	13700	312	347	74	455
3	—	90	13500	228	207	71	280
4	—	90	4990	4550	162	66	228
5	—	90	2120	2980	135	64	192
6	—	90	1110	2180	123	62	165
7	—	90	910	570	109	60	160
8	—	90	862	1350	113	58	155
9	83	90	742	2720	110	55	144
10	80	92	647	1100	109	54	211
11	171	2290	574	647	113	52	703
12	225	1810	500	470	198	51	395
13	174	822	443	8420	167	52	205
14	165	440	410	3710	110	55	152
15	240	792	362	1220	110	52	138
16	305	546	326	672	713	245	130
17	176	380	300	482	245	398	149
18	140	846	272	1180	216	507	188
19	105	1840	250	968	270	123	5310
20	99	5440	240	538	132	326	3230
21	95	3590	230	2960	100	2090	738
22	110	6440	230	1500	94	461	295
23	235	14600	211	1950	101	906	194
24	295	10800	200	1099	3340	308	164
25	218	3410	186	521	2550	413	147
26	171	1180	305	347	2130	9090	138
27	134	1300	718	288	1360	6040	129
28	111	782	1180	252	494	910	138
29	94	602	658	658	174	320	228
30	83	910	1620	1040	107	5320	138
31	90	—	1430	—	88	3500	—
Mean	156	1991	1636	1523	477	1023	536
Max.	305	14600	13700	8420	3340	9090	5310
Min.	80	90	186	228	88	51	129
A. F.	7140	118500	100600	90900	29330	63210	31890

NINE MILE DRAIN NEAR MINATARE—Sec. 25-21-53 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	194	143	114	99	93	91	86	90	89	105	179	217
2	194	142	114	99	93	93	85	90	90	107	179	218
3	188	142	114	99	93	92	85	87	96	114	174	217
4	177	141	114	100	93	90	85	85	130	148	170	221
5	183	139	114	98	93	91	84	84	135	173	169	216
6	193	136	114	99	94	90	84	82	120	153	179	224
7	196	134	114	98	96	88	84	82	164	143	182	226
8	192	133	114	98	95	88	84	81	184	164	177	223
9	184	133	112	99	94	89	84	69	178	164	177	220
10	182	130	119	99	92	89	84	62	194	193	181	223
11	179	130	111	98	91	89	83	66	281	203	179	243
12	192	129	110	97	91	88	82	73	323	193	178	241
13	187	129	109	98	91	88	82	68	164	210	174	228
14	183	126	107	98	91	87	82	65	150	206	188	234
15	191	124	106	99	91	88	82	63	150	203	199	239
16	187	124	106	98	90	89	82	76	148	198	194	236
17	174	123	106	99	90	90	84	79	142	174	198	233
18	171	122	106	98	88	90	84	80	138	143	210	230
19	161	121	105	98	88	90	84	81	135	140	210	229
20	159	121	106	98	88	90	84	81	135	148	210	230
21	155	119	106	97	88	90	109	78	141	147	208	224
22	153	119	104	97	89	90	110	77	140	152	207	215
23	151	119	103	97	89	90	97	69	122	154	202	215
24	149	118	103	97	89	88	94	70	139	160	241	223
25	149	118	103	97	90	88	92	131	111	181	272	238
26	148	116	103	96	87	88	91	100	110	165	234	246
27	148	116	102	98	87	87	90	89	109	171	228	233
28	147	114	101	96	87	85	90	94	108	179	223	226
29	148	114	100	96	88	87	95	96	109	181	223	255
30	151	114	100	94	—	88	92	89	106	197	222	261
31	145	—	100	93	—	87	—	91	—	—	191	217
Mean	171	126	107	98	91	89	88	81	145	166	202	230
Max.	196	143	114	100	96	93	110	131	323	210	292	261
Min.	145	114	100	93	87	85	82	62	89	105	169	215
A. F.	10540	7520	6610	6000	5210	5470	5220	5010	8610	10230	12440	13660

Total acre-feet 96520.

REPORT OF THE STATE ENGINEER

NIORARA RIVER NEAR SPENCER—Sec. 30-33-11 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	\$16	1350	1180	817	948	1340	4190	1580	1330	1020	806	1000
2	933	1240	1200	780	991	1890	3260	2100	1370	1000	870	892
3	864	1200	1120	832	1060	2070	3220	3670	2480	2120	2690	913
4	868	1190	1190	939	1250	1870	3370	2900	3000	2550	1980	899
5	840	1160	1190	977	1400	1890	2870	2360	2140	1860	1140	968
6	860	1150	1170	987	1340	1500	2780	2000	1600	1740	1090	333
7	864	1040	1100	943	1530	1300	2530	1780	1510	1590	1140	956
8	868	377	1180	774	1700	1090	2490	1890	1890	1920	965	923
9	884	710	1030	670	1400	1100	2360	1610	2220	2300	883	912
10	878	1420	885	661	882	1160	2140	1560	2600	2920	814	1090
11	878	1630	1070	699	641	1510	1950	2260	4350	3480	759	1050
12	962	1400	1100	745	691	2160	1810	1930	7530	2830	816	1040
13	1200	1190	772	860	732	2630	1680	1620	9900	2500	796	1030
14	1210	1150	550	896	732	2620	2090	1610	6900	2140	722	949
15	1200	1160	218	896	623	2320	2480	1860	4990	1830	1070	930
16	1010	1140	186	896	732	2090	2050	1660	4030	1600	1400	961
17	1000	1140	249	972	986	1810	1740	1400	3050	1570	1020	332
18	1010	1150	376	1170	1140	1540	1680	1390	2780	1640	865	1000
19	944	1110	590	1320	1220	1510	1620	1320	2060	1430	850	338
20	1080	1130	1110	1470	1230	2080	1560	1580	1880	1320	816	932
21	1060	1130	1190	1520	1140	2420	1530	1820	1730	1240	1040	917
22	1020	1110	1200	1400	1160	2900	1740	1940	1700	1160	2410	911
23	1040	1100	972	1390	1170	3020	2600	1350	1620	1130	2260	956
24	1050	1170	851	1430	1280	4010	2830	1300	1440	1220	1710	966
25	1020	1250	774	1390	1430	4520	2310	1300	1300	1130	1590	987
26	1050	1190	801	1440	1390	3320	2020	1360	1180	1110	1740	953
27	1070	1070	801	1580	1320	2600	1820	1350	1280	1050	1460	971
28	1030	1090	889	1510	1340	2220	1610	1280	1180	1040	1150	1040
29	1050	1250	967	1440	1280	1590	1620	1350	1210	928	1180	1010
30	1230	1130	944	1170	-----	1200	1770	1210	1080	972	1200	1040
31	1500	-----	851	958	-----	2250	-----	1130	-----	891	1120	-----
Mean	1009	1151	894	1082	1126	2114	2257	1725	2711	1653	1237	967
Max.	1500	1630	1200	1580	1700	4520	4190	3670	9900	3480	2690	1090
Min.	816	377	186	661	601	1090	1530	1130	1080	891	722	892
A. F.	62060	68480	54950	66510	64760	130000	134300	106100	161300	101700	76070	57520

Total acre-feet 1083750.

PUMPKINSEED CREEK NEAR BRIDGEPORT—Sec. 12-19-50 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	20	33	36	33	46	53	48	12	19	22	20
2	12	20	37	37	35	49	51	48	10	20	24	21
3	12	20	44	37	40	51	49	48	10	45	22	20
4	16	24	45	39	42	51	49	47	13	32	24	25
5	18	25	45	39	42	51	48	47	17	40	22	73
6	15	27	45	34	43	51	48	47	17	41	22	55
7	15	28	44	36	47	50	48	47	20	46	23	60
8	17	26	43	34	49	49	48	47	41	37	21	38
9	19	27	42	34	50	50	48	46	32	36	14	35
10	19	29	39	35	46	54	46	46	42	52	11	30
11	19	36	39	35	40	54	46	46	45	51	74	8
12	20	40	41	33	40	54	46	46	74	85	8	26
13	20	33	40	32	43	51	46	45	53	103	8	26
14	19	29	40	32	43	46	46	45	46	97	10	24
15	19	28	40	34	41	45	45	43	40	64	20	24
16	19	30	40	36	38	45	45	43	38	63	17	26
17	19	30	40	38	39	46	46	44	36	55	10	28
18	19	30	40	28	40	50	46	42	37	42	9	28
19	19	30	40	39	40	50	46	40	43	48	8	26
20	18	30	41	39	39	50	47	35	46	49	8	26
21	17	28	41	39	41	49	50	34	46	48	9	26
22	16	26	41	39	43	49	51	30	49	43	47	25
23	17	26	40	39	45	51	54	27	40	43	56	23
24	18	26	40	39	46	53	51	16	42	38	103	22
25	18	26	40	39	46	53	50	44	42	37	39	24
26	18	26	40	39	45	54	49	30	34	41	29	24
27	18	27	39	37	43	51	48	20	30	33	26	24
28	18	26	36	29	47	49	47	18	25	24	38	25
29	18	27	36	28	45	49	48	17	25	20	38	28
30	20	28	35	28	-----	49	50	18	24	24	28	50
31	20	-----	36	30	-----	53	-----	16	-----	24	19	-----
Mean	18	28	40	36	42	50	48	38	34	46	24	30
Max.	20	40	45	39	50	54	54	48	74	103	103	73
Min.	12	20	33	28	33	45	45	16	10	19	8	20
A. F.	1080	1640	2460	2190	2440	3080	2870	2320	2050	2820	1480	1760

Total acre-feet 26190.

BUREAU OF IRRIGATION

RED WILLOW CREEK NEAR BAYARD—Sec. 7-20-51 W. Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	150	110	90	77	71	77	62	67	64	52	98	120
2	150	112	91	77	71	75	61	64	58	43	102	118
3	145	109	90	75	72	72	61	61	60	92	109	114
4	156	109	91	76	72	71	61	60	61	304	108	116
5	164	109	90	75	70	71	61	59	115	208	102	124
6	145	106	90	76	75	68	60	53	88	186	103	124
7	142	105	88	75	78	64	60	57	142	156	105	126
8	154	101	90	76	75	66	60	57	168	176	92	130
9	129	101	88	75	75	67	59	57	137	171	76	132
10	120	98	87	74	67	68	59	57	208	201	74	134
11	121	101	88	74	69	67	58	58	326	206	67	142
12	156	103	86	72	68	67	58	60	239	192	76	183
13	171	103	87	72	67	66	57	57	183	190	71	151
14	183	102	87	74	66	63	55	56	175	192	81	158
15	199	99	86	75	66	66	55	54	148	176	98	159
16	213	95	86	75	64	67	57	55	158	188	95	163
17	201	95	85	75	63	67	60	58	122	190	88	153
18	176	94	85	74	63	67	60	132	114	161	94	142
19	134	94	86	74	63	66	61	159	154	133	101	137
20	129	96	87	74	63	67	61	192	183	101	101	132
21	120	96	86	74	66	66	99	274	164	101	101	134
22	120	95	85	72	68	67	91	204	127	99	92	134
23	120	95	83	74	68	70	72	142	137	101	114	134
24	118	95	83	74	68	69	69	150	168	94	101	140
25	120	91	85	72	67	68	66	195	101	109	102	148
26	118	88	83	72	69	67	63	135	81	78	114	150
27	118	88	82	70	69	64	62	120	71	86	114	142
28	116	87	82	72	71	61	61	124	75	86	116	142
29	114	88	81	72	76	61	63	114	71	92	108	143
30	132	90	78	71	—	63	80	106	62	103	110	185
31	114	—	78	70	—	63	—	95	—	99	114	—
Mean	143	98	86	74	69	67	64	101	132	140	98	139
Max.	213	112	91	77	78	77	99	274	326	304	116	185
Min.	114	87	78	70	63	61	55	54	58	43	67	114
A. F.	8820	5860	5280	4540	3970	4130	3790	6220	7850	8630	6000	8290

Total acre-feet 73380.

RED WILLOW CREEK NORTH OF McCOOK—Sec. 6-4-29 W. Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9	28	21	13	26	44	32	77	35	15	250	17
2	9	28	21	16	28	44	31	64	30	16	120	16
3	9	36	21	16	30	44	30	58	28	16	55	15
4	9	32	21	18	31	40	29	49	26	26	38	14
5	9	22	21	15	30	35	28	45	24	94	35	14
6	9	19	21	13	29	39	28	40	23	40	40	13
7	9	18	22	12	31	36	27	38	22	26	45	13
8	10	14	28	13	35	27	26	36	22	22	50	13
9	10	18	23	8	35	41	26	36	23	20	30	13
10	10	15	22	14	13	39	29	36	24	19	22	12
11	10	17	20	16	12	40	36	36	25	300	20	12
12	10	17	21	15	15	38	46	34	189	70	17	12
13	9	17	16	16	19	36	44	38	50	42	16	12
14	10	22	13	16	26	34	61	36	30	337	16	12
15	12	22	13	15	21	32	51	30	25	174	16	12
16	12	21	18	16	22	27	42	27	30	75	16	12
17	12	22	19	18	21	31	42	25	25	49	15	12
18	12	18	20	18	20	32	41	23	22	439	15	12
19	12	19	20	21	19	34	44	21	19	42	16	12
20	11	17	23	24	21	31	50	19	18	82	280	12
21	12	14	19	24	26	30	61	18	17	50	50	12
22	12	17	21	25	30	31	76	30	17	35	30	12
23	12	22	9	24	33	30	360	19	16	25	24	12
24	12	22	16	26	44	32	140	20	27	34	21	12
25	12	21	13	29	48	38	49	26	266	23	21	12
26	15	20	22	28	46	36	57	22	80	20	22	12
27	19	17	20	34	36	35	62	20	25	30	20	12
28	18	17	14	21	42	34	67	22	17	22	21	12
29	17	17	12	24	38	32	198	26	15	18	33	12
30	23	22	12	19	—	35	238	22	15	17	20	12
31	27	—	11	25	—	34	—	116	—	350	17	—
Mean	12	20	18	19	29	35	68	36	40	82	46	13
Max.	27	36	23	34	48	44	360	116	266	439	280	17
Min.	9	14	9	8	12	27	26	18	15	15	15	12
A. F.	756	1210	1140	1180	1650	2160	4070	2200	2350	5010	2820	754

Total acre-feet 25300.

REPORT OF THE STATE ENGINEER

RED WILLOW CREEK NEAR RED WILLOW—Sec. 8-3-28 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	32	17	11	29	43	35	143	48	24	374	19
2	12	32	21	14	29	45	34	86	34	24	164	18
3	12	31	21	19	32	44	34	72	37	24	78	18
4	13	38	21	20	28	44	33	62	31	96	43	18
5	12	32	21	18	34	33	32	58	28	82	39	18
6	12	26	22	12	29	41	32	54	27	38	47	18
7	12	26	22	6	33	40	31	50	27	31	65	18
8	12	16	22	12	36	40	31	49	28	27	120	18
9	12	19	23	14	40	40	29	47	28	26	50	18
10	12	15	22	10	40	40	33	47	29	25	32	17
11	12	20	20	14	27	43	38	46	29	542	28	17
12	13	20	17	11	18	41	42	43	157	96	26	17
13	13	21	17	16	13	40	46	46	65	55	25	17
14	13	22	14	17	19	39	121	45	34	365	26	17
15	13	22	16	19	34	38	73	38	30	230	26	17
16	13	22	16	19	23	35	53	33	37	117	24	17
17	14	22	17	22	24	37	56	30	31	76	22	17
18	13	22	22	27	23	36	52	29	27	400	23	17
19	14	19	22	26	18	38	52	26	25	74	25	17
20	17	21	24	28	31	35	77	24	24	116	325	17
21	17	17	19	29	30	35	79	23	24	54	55	16
22	18	19	17	30	36	36	82	38	24	44	40	16
23	18	23	10	29	37	35	512	24	23	36	27	16
24	17	25	12	30	39	35	242	25	22	82	23	16
25	17	23	13	36	49	40	82	34	414	37	23	16
26	16	21	15	32	50	41	65	26	66	28	22	17
27	22	19	19	49	43	38	72	25	29	84	21	17
28	24	16	13	43	45	35	78	28	26	55	21	17
29	22	22	11	30	39	36	197	35	23	25	26	17
30	25	17	15	26	—	37	399	30	23	24	45	17
31	—	—	10	23	—	37	—	286	—	290	20	—
Mean	16	23	18	22	32	39	91	52	48	102	61	17
Max.	31	38	24	49	50	45	512	286	414	542	374	19
Min.	12	15	10	6	13	35	29	23	22	24	20	16
A. F.	960	1350	1090	1380	1840	2370	5440	3180	2880	6300	3740	1020

Total acre-feet 31550.

REPUBLICAN RIVER AT COLORADO-NEBRASKA LINE—Sec. 10-1-42 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	24	31	62	70	50	76	77	81	54	12	25	14
2	17	36	65	70	55	79	74	94	50	7	40	14
3	20	51	67	70	60	77	74	128	33	7	14	15
4	14	44	70	65	62	77	76	99	20	17	10	14
5	13	37	62	65	59	79	79	86	25	8	9	18
6	17	40	61	70	61	76	70	84	27	7	10	16
7	23	42	64	60	65	74	69	81	29	8	8	15
8	24	38	65	55	70	70	72	81	65	8	7	14
9	18	38	69	55	72	67	74	82	59	7	6	14
10	17	36	72	55	70	64	86	81	36	12	6	32
11	23	36	65	55	65	67	99	79	28	25	8	22
12	33	38	72	55	55	64	95	76	56	18	8	17
13	36	41	74	55	55	64	90	74	53	27	8	17
14	36	38	76	60	60	62	86	72	48	33	5	18
15	36	37	75	60	76	61	79	72	42	31	6	18
16	36	36	77	64	69	62	69	72	36	62	6	18
17	32	44	76	62	70	65	72	70	19	48	6	19
18	34	61	76	65	70	62	79	70	19	37	7	23
19	45	56	76	65	70	59	88	70	21	36	8	18
20	61	57	79	65	70	70	90	62	19	56	8	22
21	44	57	81	67	70	74	92	54	17	47	8	23
22	32	59	74	70	70	92	95	53	12	51	15	27
23	28	54	67	72	69	84	123	54	8	53	15	27
24	29	54	67	74	72	101	99	53	8	84	15	28
25	32	59	76	72	76	103	86	50	8	64	15	28
26	32	57	74	79	72	90	82	51	6	62	15	29
27	33	53	76	70	77	88	79	57	6	54	15	26
28	31	59	74	60	76	84	74	70	7	42	15	28
29	31	59	76	55	74	77	81	67	8	36	15	29
30	32	62	75	55	—	77	88	64	9	31	15	33
31	—	—	75	50	—	84	—	61	—	27	15	—
Mean	30	47	72	63	67	75	83	72	25	33	12	21
Max.	61	62	81	79	77	103	123	128	65	84	40	53
Min.	13	31	61	50	50	59	69	50	6	7	5	14
A. F.	1820	2800	4400	3900	3850	4620	4950	4460	1640	2020	720	1260

Total acre-feet 36440.

BUREAU OF IRRIGATION

555

REPUBLICAN RIVER, SOUTH FORK, NEAR BENKELMAN—Sec. 31-1-37 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	20	30	85	76	68	180	30	16	24	0
2	0	0	20	30	85	82	79	158	30	24	24	0
3	0	0	20	30	85	91	68	146	30	28	19	0
4	0	0	20	30	85	112	79	134	30	888	14	0
5	0	0	20	30	85	115	71	134	30	366	11	0
6	0	0	20	30	85	102	65	302	30	171	8	0
7	0	0	20	5	150	59	50	234	30	130	7	0
8	0	0	20	5	150	48	52	142	38	138	6	0
9	0	0	20	5	150	48	91	119	28	122	1	0
10	0	0	20	5	70	35	112	82	25	91	0	0
11	0	0	20	5	70	35	176	62	20	279	0	0
12	0	0	20	5	70	35	199	52	346	3390	0	0
13	0	0	20	5	70	35	203	52	213	1670	0	0
14	0	0	20	35	70	35	219	43	62	213	0	0
15	0	0	20	25	70	35	194	41	33	185	0	0
16	0	0	20	35	30	35	159	74	31	715	0	0
17	0	0	20	35	30	35	159	65	29	544	0	0
18	0	0	20	35	30	35	167	50	28	126	0	0
19	0	0	20	35	30	35	194	54	22	102	0	0
20	0	0	20	35	95	59	167	38	18	180	0	0
21	0	7	20	70	95	54	112	29	15	495	0	0
22	0	7	20	70	95	50	130	43	11	194	0	0
23	0	7	20	70	95	50	171	43	8	122	0	0
24	0	7	20	100	176	50	185	43	4	185	142	0
25	0	7	20	100	158	50	185	38	3	146	29	0
26	0	7	20	100	138	134	199	28	2	74	8	0
27	0	7	20	90	119	102	245	38	1	57	3	0
28	0	7	20	90	98	82	285	62	0	34	1	0
29	0	7	20	90	85	82	273	57	21	34	0	0
30	0	7	20	90	—	85	256	50	14	38	0	0
31	0	—	20	90	—	82	—	45	—	31	0	—
Mean	0	*2	*20	*46	92	63	153	85	39	348	10	6
Max.	0	—	—	—	176	134	285	302	346	3390	142	0
Min.	0	0	—	—	—	—	52	28	0	16	0	0
A. F.	0	139	1230	2820	5260	3890	9130	5230	2340	21400	589	0

Total acre-feet 52028.

* Estimated.

REPUBLICAN RIVER AT MAX—Sec. 32-2-36 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	52	95	50	95	264	228	607	200	25	95	19
2	12	60	121	55	110	275	201	638	180	25	72	19
3	14	68	112	80	140	305	190	700	160	25	65	17
4	14	75	121	85	236	322	190	528	150	1640	65	17
5	16	72	108	80	210	349	185	340	140	607	39	17
6	15	62	101	80	270	278	185	278	140	196	28	17
7	17	58	92	45	340	196	190	287	150	117	21	14
8	20	82	112	60	390	196	221	287	320	88	15	10
9	26	62	117	30	430	196	242	296	230	88	10	8
10	26	55	101	35	490	201	296	287	150	78	7	3
11	25	62	85	50	260	201	528	296	200	200	6	12
12	27	62	105	70	230	157	528	264	358	1000	5	19
13	41	62	108	65	270	157	422	250	542	3600	4	16
14	39	62	108	70	290	117	489	235	257	350	4	12
15	41	65	35	75	210	117	400	221	190	250	4	11
16	43	62	60	75	190	147	314	214	130	400	4	11
17	45	68	60	85	200	250	340	200	85	465	3	11
18	41	62	70	130	200	242	422	130	45	214	3	10
19	37	78	85	140	180	207	489	150	50	130	3	11
20	37	78	75	160	180	168	465	130	45	185	3	11
21	43	82	45	190	170	179	476	120	50	264	3	11
22	48	75	45	220	230	142	684	130	35	214	3	14
23	45	68	55	270	350	287	1640	150	30	138	3	18
24	43	75	75	330	650	411	1030	190	25	305	484	19
25	39	101	70	230	300	422	607	170	25	271	75	22
26	37	92	75	140	290	389	422	150	25	162	50	32
27	41	85	75	290	305	389	443	180	25	121	27	32
28	41	85	70	140	257	264	476	220	25	101	21	36
29	39	85	45	120	305	296	654	260	25	92	12	39
30	45	92	45	100	—	242	746	260	25	82	13	36
31	48	—	40	100	—	221	—	230	—	75	18	—
Mean	33	72	81	118	268	245	457	273	134	371	38	18
Max.	48	101	121	330	650	422	1640	700	542	3600	484	39
Min.	12	52	35	30	95	117	185	120	25	25	3	8
A. F.	2020	4260	4980	7240	15420	15110	27180	16760	7960	22830	2310	1050

Total acre-feet 127120.

REPORT OF THE STATE ENGINEER

REPUBLICAN RIVER AT CULBERTSON—Sec. 17-3-31 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	48	25	58	310	175	1150	200	0	72	6
2	0	0	85	25	75	370	200	867	200	0	78	4
3	0	0	75	40	110	280	224	640	175	0	65	3
4	0	3	85	35	124	428	216	584	157	476	56	3
5	0	4	78	40	175	416	169	428	157	640	38	2
6	0	10	68	45	232	310	163	404	157	340	36	2
7	0	4	65	45	224	300	144	370	144	208	29	1
8	0	1	43	45	370	232	144	360	300	129	21	1
9	0	10	72	25	528	272	120	310	320	78	14	1
10	0	29	85	10	300	264	224	300	216	120	5	0
11	0	23	72	15	250	194	500	240	175	194	2	2
12	0	23	78	25	140	175	528	248	488	208	1	0
13	0	26	70	30	120	169	464	256	725	7000	1	1
14	0	28	50	35	110	163	476	240	440	2640	1	2
15	0	26	30	40	160	133	380	240	248	830	4	5
16	0	28	25	40	160	129	240	208	163	570	1	7
17	0	29	45	40	140	124	488	224	75	350	1	2
18	0	31	60	50	130	194	452	200	58	380	0	0
19	0	26	75	60	130	181	452	144	50	133	0	4
20	0	26	80	75	120	181	476	133	53	194	0	4
21	0	26	70	85	110	144	500	129	46	208	0	0
22	0	29	55	130	200	256	640	163	50	528	0	0
23	0	26	40	280	510	144	3990	157	33	290	1	0
24	0	38	40	380	960	360	2390	157	28	264	20	0
25	0	46	45	660	1180	428	1320	194	20	476	256	0
26	0	65	50	1780	776	542	776	163	8	216	97	1
27	0	56	45	2600	488	464	657	194	4	200	50	0
28	0	43	25	1320	330	320	542	208	2	150	28	5
29	0	40	20	370	320	248	1130	248	1	120	14	4
30	0	45	25	75	---	330	1490	290	0	92	5	3
31	0	---	15	38	---	224	---	240	---	181	1	---
Mean	0	25	56	273	294	267	656	313	156	555	29	2
Max.	0	65	85	2600	1180	542	3990	1150	725	7000	256	7
Min.	0	0	15	10	58	124	120	129	0	0	0	0
A. F.	0	1470	3410	16790	16920	16430	39010	19220	9310	34150	1780	120

Total acre-feet 158610.

REPUBLICAN RIVER NEAR BLOOMINGTON—Sec. 8-1-15 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	62	237	190	431	780	696	5820	3860	870	1610	490
2	13	66	237	190	377	642	672	4550	4190	594	3500	421
3	13	73	237	180	363	630	672	3300	2390	582	3180	318
4	12	79	234	190	367	654	636	2450	2950	1250	2210	278
5	13	84	244	190	391	660	636	1940	1870	3560	1330	266
6	13	93	270	180	426	660	600	1770	1470	2770	936	243
7	14	96	286	180	441	606	576	1520	1460	2640	774	234
8	13	96	306	160	468	606	558	1270	3480	2080	738	213
9	14	90	314	130	512	618	547	1130	4740	1460	859	203
10	15	86	318	110	470	612	547	1060	3800	1410	654	193
11	14	106	314	110	290	582	612	999	2630	1380	594	187
12	13	124	314	90	270	570	648	1290	1990	3490	506	187
13	12	124	200	85	180	558	880	1110	6160	2720	452	181
14	13	130	150	100	160	558	1000	1300	3900	3550	415	171
15	14	141	90	110	170	564	1000	894	1910	3900	386	165
16	14	147	70	120	170	558	1000	845	1870	4890	349	206
17	15	156	60	130	180	553	1000	1080	1240	5630	323	156
18	15	165	60	150	240	541	1060	762	1030	5690	306	141
19	15	168	70	170	260	490	1010	672	824	6010	286	135
20	15	174	80	190	300	484	971	624	744	6110	426	135
21	15	177	100	230	390	564	1100	606	690	5730	985	127
22	15	177	130	270	620	576	1520	768	612	4790	1380	127
23	17	181	150	320	1110	564	4860	880	564	3980	1090	124
24	23	187	170	410	1140	606	9000	1250	518	3560	1390	121
25	28	190	170	490	1420	606	5760	845	484	3890	1560	119
26	37	197	190	720	1450	642	5030	696	1450	3290	750	121
27	42	213	180	985	1170	810	4600	792	1300	2240	1370	121
28	45	223	170	880	978	838	3140	824	860	2320	971	116
29	52	237	190	866	866	824	3030	999	860	1960	873	113
30	53	237	200	690	---	786	4680	1380	1200	1630	1490	113
31	55	---	190	518	---	750	---	1520	---	1430	600	---
Mean	21	143	191	301	538	629	1935	1450	2035	3078	1042	191
Max.	55	237	318	985	1450	838	9000	5820	6160	6110	3500	490
Min.	12	62	60	85	160	484	547	606	484	582	286	113
A. F.	1300	8490	11760	18510	30960	38660	115100	89150	121100	189200	64050	11350

Total acre-feet 699630.

BUREAU OF IRRIGATION

557

REPUBLICAN RIVER NEAR HARDY—Sec. 6-1S-5 W. Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40	78	222	200	705	1030	869	5790	1330	2250	1740	1410
2	37	80	232	200	616	968	825	6200	3480	1650	1500	782
3	35	74	229	200	544	901	788	5410	3370	1020	3450	654
4	35	74	232	190	483	831	752	3780	2000	914	3350	574
5	33	80	235	190	456	882	688	2740	2420	1200	2540	470
6	31	98	235	170	474	850	705	2290	1600	3300	1620	422
7	31	106	241	160	506	837	682	2040	1200	2320	1200	396
8	30	106	254	140	530	800	665	1810	1120	2490	981	372
9	29	106	264	170	540	782	676	1570	4440	2040	862	344
10	29	129	274	160	470	800	665	1410	4560	1570	862	380
11	27	124	267	160	320	770	676	1390	4040	1340	856	372
12	29	122	292	180	240	734	693	1490	3720	1310	711	306
13	29	127	200	170	190	699	711	2900	2280	2660	660	285
14	33	142	100	170	200	699	722	1630	5680	2530	585	264
15	33	157	90	170	210	699	894	1460	3860	2910	535	251
16	40	159	85	170	220	699	1040	1250	2630	4000	479	251
17	57	168	95	170	190	699	1500	1040	2420	4850	434	232
18	41	170	130	180	180	682	1300	1130	2610	5380	409	308
19	43	178	170	200	180	676	1230	1040	2330	5760	388	1010
20	53	184	170	210	180	665	1220	869	1400	5410	434	278
21	61	196	160	250	240	638	1220	844	1210	5760	443	235
22	48	196	160	290	340	648	1220	831	1410	5340	474	216
23	47	201	160	360	440	717	1810	782	1090	4520	2350	193
24	45	198	160	595	632	717	5520	875	882	5900	2000	196
25	44	210	180	616	850	758	7560	968	782	4020	2900	190
26	44	204	180	665	1040	770	5090	1330	734	4070	6340	196
27	45	204	190	728	1260	770	3700	954	785	3500	2010	196
28	50	207	210	907	1320	776	3540	1400	1970	2560	1110	196
29	64	210	220	1020	1140	914	2690	1550	1370	2440	1460	190
30	71	222	210	1040	---	920	2800	1700	1370	2310	3370	184
31	74	---	200	934	---	894	---	1450	---	1890	3170	---
Mean	42	150	195	354	507	781	1751	1933	2270	3136	1588	398
Max.	74	222	292	1040	1320	1030	7560	6200	5680	5900	6340	1410
Min.	27	74	85	140	180	638	665	782	734	914	388	184
A. F.	2590	8950	11990	21750	29150	48050	104200	118900	135100	192800	97630	23710

Total acre-feet 794820.

ROCK CREEK AT PARKS—Sec. 21-1-39 W. Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12	11	13	14	39	15	14	12	13	10	13	11
2	12	11	14	14	35	16	14	11	13	10	13	11
3	11	11	14	14	17	17	13	12	12	11	13	11
4	11	12	14	14	16	17	14	12	12	13	12	11
5	12	12	14	14	16	17	14	12	12	12	12	11
6	12	12	14	13	16	16	14	12	12	12	12	11
7	12	12	14	12	17	16	14	15	12	12	11	11
8	12	11	15	12	17	16	14	14	12	12	11	11
9	12	12	15	11	17	15	15	14	12	12	10	11
10	11	12	15	12	17	15	18	14	12	12	10	11
11	11	13	15	12	16	15	21	14	13	14	10	11
12	12	14	15	13	14	14	19	14	13	24	10	11
13	12	14	16	13	14	14	19	14	12	40	10	11
14	12	13	16	14	14	14	22	14	12	23	10	11
15	12	12	16	14	14	13	18	14	11	17	10	11
16	12	12	15	14	14	13	16	14	11	19	11	11
17	12	12	16	14	15	13	18	14	11	17	10	11
18	12	12	16	14	14	13	18	13	11	15	10	11
19	12	12	16	14	15	12	19	13	11	15	10	11
20	12	12	15	15	15	12	19	13	12	18	10	11
21	12	13	16	15	15	14	21	14	13	16	11	10
22	12	13	16	14	15	16	24	14	13	14	12	10
23	12	13	16	13	15	12	24	15	12	14	13	10
24	12	13	16	13	16	12	21	15	12	24	12	11
25	12	14	16	12	16	12	19	16	12	22	12	11
26	12	13	16	13	16	14	19	16	11	18	13	11
27	12	13	16	27	15	14	18	16	11	15	11	11
28	12	13	15	52	15	14	17	18	11	14	11	11
29	12	13	15	46	15	13	20	17	11	13	12	11
30	11	13	16	42	---	13	17	16	11	12	13	12
31	11	---	14	41	---	13	---	14	---	13	12	---
Mean	12	12	15	18	17	14	18	14	12	16	11	11
Max.	12	14	16	52	39	17	24	18	13	40	13	12
Min.	11	11	13	11	14	12	13	11	11	10	10	10
A. F.	726	740	932	1100	972	873	1060	865	706	978	693	650

Total acre-feet 10295.

REPORT OF THE STATE ENGINEER

SAPPA CREEK NEAR BEAVER CITY—Sec. 14-1-23 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0.4	0.0	1.7	1.2	25.0	9.3	6.0	207	194	20	1610	23
2	.3	.0	1.7	1.0	20.0	10.0	5.5	143	65	17	792	28
3	.4	.0	2.0	.9	12.0	12.0	5.3	112	49	17	442	26
4	.3	.0	2.0	.7	10.0	12.0	5.0	77	43	34	219	25
5	.2	.0	1.8	.6	9.3	12.0	4.7	69	42	143	159	24
6	.4	.1	1.6	.6	9.0	12.0	5.0	55	50	233	120	23
7	.4	.2	1.5	.6	8.3	12.0	4.8	43	113	267	89	22
8	.4	.3	1.5	.6	7.9	11.0	5.2	40	314	394	83	22
9	.4	.4	1.4	.6	7.5	10.0	5.0	35	361	343	92	21
10	.4	.6	1.3	.6	5.6	9.0	6.9	30	228	283	94	21
11	.3	1.0	1.2	.7	2.0	7.5	6.9	27	86	307	93	20
12	.3	1.0	1.2	.7	1.6	7.0	7.5	26	60	285	60	19
13	.3	1.0	1.2	.9	1.6	6.5	7.3	25	44	303	60	19
14	.1	1.0	1.2	1.0	1.6	6.0	6.9	23	205	305	60	18
15	.2	1.1	1.2	1.3	1.6	6.0	6.9	24	80	294	60	18
16	.2	1.1	1.5	2.2	1.3	5.0	7.3	19	52	607	60	17
17	.1	1.1	1.7	3.4	1.4	4.5	7.5	16	39	2450	60	16
18	.1	1.1	1.8	4.2	1.5	5.5	7.7	16	72	3940	60	17
19	.1	1.1	1.7	5.0	1.6	6.0	11.0	15	72	2500	24	16
20	.0	1.2	1.5	6.6	1.7	5.8	15.0	18	48	1810	25	16
21	.0	1.2	1.4	7.7	2.1	5.8	15.0	16	33	914	23	15
22	.0	1.3	1.3	8.3	2.4	6.0	15.0	20	26	469	23	15
23	.0	1.3	1.2	9.1	3.2	6.0	86.0	23	24	381	26	15
24	.0	1.4	1.2	10.0	4.1	6.0	264.0	20	23	254	36	15
25	.0	1.4	1.2	10.0	4.8	6.3	260.0	16	21	215	34	15
26	.0	1.5	1.2	12.0	5.8	6.8	210.0	15	227	800	73	14
27	.0	1.5	1.2	15.0	7.1	6.8	157.0	16	165	685	147	14
28	.0	1.6	1.2	20.0	7.7	6.8	141.0	71	42	247	57	13
29	.0	1.6	1.2	40.0	8.3	6.8	202.0	182	30	294	33	14
30	.0	1.7	1.2	35.0	—	6.4	269.0	571	25	223	30	15
31	.0	—	—	35.0	—	6.2	—	940	—	450	28	—
Mean	.2	.9	1.4	7.6	6.1	7.7	58.6	94	95	632	154	19
Max.	.4	1.7	2.0	40.0	25.0	12.0	269.0	940	361	3940	1610	28
Min.	.0	.0	1.2	.6	1.3	4.5	4.7	15	21	17	23	13
A. F.	11.0	53.0	88.0	467.0	349.0	475.0	3480.0	5770	5630	38830	9490	1110

Total acre-feet 65753.

SCOTTSLUFF DRAIN NO. 1—

Sec. 25-22-55 W.

Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	9	7	6	13	18
2	9	7	4	8	20
3	10	8	2	8	18
4	6	9	9	10	19
5	6	15	8	10	25
6	6	12	8	13	24
7	6	10	8	13	20
8	6	11	11	9	21
9	6	13	9	8	25
10	6	11	16	8	21
11	5	11	17	8	27
12	5	10	15	9	25
13	5	10	15	9	26
14	7	9	14	10	27
15	8	10	13	10	26
16	8	10	12	8	26
17	3	11	12	21	23
18	10	10	13	20	17
19	4	8	9	16	23
20	4	7	14	13	20
21	7	8	14	13	20
22	10	6	8	18	20
23	7	5	10	18	26
24	5	5	8	20	20
25	4	3	14	19	25
26	6	3	14	18	25
27	5	3	14	17	16
28	7	6	14	18	22
29	7	6	14	20	22
30	7	6	14	20	18
31	7	—	12	18	—
Mean	6	8	11	14	22
Max.	10	15	17	21	27
Min.	3	3	2	8	16
A. F.	400	500	700	840	1310

SCOTTSLUFF DRAIN NO. 2—

Sec. 34-22-54 W.

Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	1	10	14	9	6
2	1	11	14	6	6
3	1	12	15	7	6
4	1	12	14	6	6
5	1	12	13	7	6
6	1	12	14	7	7
7	1	12	14	6	7
8	1	12	15	7	5
9	1	17	14	7	7
10	1	16	14	7	8
11	1	21	12	5	7
12	1	18	11	4	7
13	1	16	9	5	8
14	1	16	8	6	8
15	1	14	9	7	8
16	1	14	9	6	9
17	5	17	9	6	10
18	1	15	5	6	10
19	1	8	8	6	10
20	1	10	10	6	10
21	3	8	9	6	9
22	4	10	9	6	10
23	2	10	10	7	10
24	2	12	8	10	10
25	3	12	7	10	9
26	3	14	7	10	9
27	3	10	8	10	10
28	3	14	6	6	10
29	3	8	7	7	10
30	4	10	8	7	10
31	10	—	9	6	—
Mean	2	13	10	7	8
Max.	10	21	15	10	10
Min.	1	8	5	4	5
A. F.	130	760	630	420	490

BUREAU OF IRRIGATION

SHEEP CREEK NEAR MORRILL—Sec. 16-23-57 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1		5	95	86	76	71	75	66	70	9	3	4	10
2		5	95	86	76	72	75	66	70	9	3	4	9
3		5	93	86	76	73	75	65	68	8	3	5	8
4		5	90	86	76	74	73	65	67	9	4	4	9
5		5	89	85	76	74	73	64	69	8	4	4	10
6		5	88	85	76	78	71	64	70	8	4	5	10
7		5	86	84	77	79	70	63	72	9	8	8	10
8		55	86	86	77	76	71	63	72	9	25	4	10
9		93	87	85	77	78	70	64	72	55	29	4	12
10		92	85	85	77	73	70	64	71	76	17	4	12
11		94	85	84	76	74	70	63	74	75	16	4	12
12		95	83	83	76	74	70	63	74	79	15	5	12
13		95	85	81	77	74	70	63	71	78	16	5	12
14		96	84	81	77	74	70	63	69	73	14	5	12
15		101	84	80	76	74	70	63	70	75	15	5	11
16		103	84	78	76	73	70	65	71	74	14	4	10
17		100	84	77	76	72	70	66	73	73	12	4	12
18		100	84	78	75	72	70	66	70	38	8	6	10
19		100	83	78	75	72	70	66	70	7	4	5	11
20		96	84	79	77	72	70	66	72	5	4	5	10
21		92	82	79	77	73	70	74	71	4	4	5	10
22		98	84	80	78	73	70	73	70	5	5	6	10
23		96	86	77	78	73	72	69	70	2	6	102	11
24		94	85	77	77	74	73	69	70	2	6	22	12
25		94	85	78	76	74	70	69	70	2	5	23	13
26		94	82	78	76	74	72	69	71	2	5	12	14
27		94	83	78	77	74	67	70	64	2	6	12	12
28		94	83	78	76	75	66	70	10	2	7	11	12
29		104	82	78	76	75	66	70	9	2	6	10	10
30		112	85	76	75	—	67	76	9	2	6	10	65
31		100	—	76	73	—	66	—	10	—	5	9	—
Mean		75	86	81	76	74	70	67	62	27	9	10	13
Max.		112	95	86	78	79	75	76	74	79	29	102	65
Min.		5	82	76	73	71	63	63	9	2	3	4	8
A. F.		4610	5100	4970	4690	4250	4330	3930	3840	1600	551	624	755

Total acre-feet 39280.

SILVERNAIL DRAIN—Sec. 6-19-49 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	4	18	28	20	10
2	4	14	27	14	12
3	4	41	20	6	11
4	4	28	25	14	13
5	4	16	13	10	9
6	4	11	5	24	14
7	3	19	12	12	15
8	3	19	13	6	19
9	3	27	12	5	16
10	3	33	15	5	13
11	4	18	30	5	20
12	4	14	27	5	16
13	4	11	26	8	17
14	4	16	11	6	25
15	4	10	18	11	18
16	4	15	16	24	19
17	4	12	13	8	22
18	5	11	18	6	9
19	3	17	13	6	9
20	3	32	9	4	12
21	3	30	10	7	17
22	4	34	18	15	12
23	4	15	21	13	8
24	4	13	9	21	7
25	4	24	16	15	19
26	4	9	27	9	8
27	8	14	10	13	9
28	11	16	14	19	7
29	7	12	16	16	23
30	6	23	14	14	29
31	7	—	7	14	—
Mean	4	19	17	11	15
Max.	11	41	30	24	29
Min.	3	9	5	4	7
A. F.	270	1120	1020	700	870

SPOTTED TAIL CREEK, DRY—
Sec. 28-23-56 W.

Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	31	33	35	60	70
2	32	34	43	53	39
3	29	44	41	51	38
4	26	38	45	49	40
5	24	47	39	57	38
6	24	47	43	41	38
7	24	41	40	58	29
8	26	113	180	78	30
9	26	55	55	66	28
10	25	70	53	59	31
11	26	66	57	51	31
12	26	75	44	66	28
13	200	43	47	94	43
14	90	38	45	70	46
15	62	37	49	132	36
16	71	38	47	36	42
17	60	38	51	36	39
18	26	36	39	37	40
19	25	35	41	36	51
20	27	34	43	34	45
21	28	37	50	44	41
22	27	82	53	32	43
23	30	37	60	600	53
24	32	37	52	78	57
25	33	36	82	91	56
26	33	41	64	83	55
27	34	49	91	60	57
28	34	38	78	75	49
29	30	38	47	78	53
30	30	41	70	80	61
31	36	—	59	82	—
Mean	40	46	56	80	44
Max.	200	113	180	600	70
Min.	24	33	35	32	28
A. F.	2430	2760	3460	4900	2590

STINKING WATER CREEK NEAR WAUNETA—Sec. 17-6-35 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	18	17	15	18	40	33	66	32	13	12	9
2	10	16	18	16	17	41	31	56	20	12	12	9
3	10	16	18	16	22	40	29	42	17	12	13	9
4	11	16	18	15	35	32	27	36	15	14	12	9
5	10	16	18	14	31	36	25	32	18	16	11	9
6	11	16	18	13	31	36	24	28	15	16	10	9
7	11	16	19	14	33	37	22	27	16	15	11	9
8	11	12	21	14	38	34	22	27	19	15	10	9
9	11	16	21	12	38	38	23	28	21	15	9	9
10	11	17	20	12	19	43	26	27	20	16	9	9
11	11	17	18	13	13	46	49	26	19	32	10	9
12	11	16	20	14	16	41	56	25	20	36	10	9
13	13	16	19	16	19	36	44	25	37	23	10	9
14	14	16	17	16	17	32	41	24	50	23	8	9
15	14	16	20	18	14	19	31	24	50	19	8	9
16	13	16	17	18	15	24	26	24	31	20	8	9
17	13	18	18	18	23	33	27	24	22	19	8	9
18	14	17	18	18	23	31	33	21	18	15	8	9
19	14	16	20	18	18	28	49	19	16	14	8	9
20	13	17	19	18	20	29	49	18	15	17	8	9
21	13	17	20	18	22	29	61	18	14	20	7	9
22	13	17	19	28	27	25	71	40	14	18	10	9
23	14	17	19	29	35	32	96	33	14	15	10	9
24	14	18	18	28	47	47	104	22	13	15	10	9
25	14	19	19	27	64	43	76	21	30	20	10	9
26	15	20	18	26	62	41	63	20	57	22	10	10
27	15	18	14	13	52	42	42	19	29	16	10	10
28	16	18	14	8	44	40	33	22	15	14	10	10
29	16	16	18	9	43	34	60	25	13	13	10	10
30	16	18	17	13	—	31	92	24	13	13	10	10
31	18	—	17	15	—	32	—	27	—	12	10	—
Mean	13	17	18	17	30	35	46	28	23	17	10	9
Max.	18	20	21	29	64	47	104	66	57	36	13	10
Min.	10	12	14	8	13	19	22	18	13	12	7	9
A. F.	792	996	1120	1040	1700	2170	2710	1730	1350	1070	596	546

Total acre-feet 15820.

STREVER CREEK—Sec. 1-8-20 W.
Water Year Ending September 30, 1944

Day	May	June	July	Aug.	Sept.
1	50	31	25	22	18
2	56	31	25	22	18
3	56	30	25	9	16
4	47	31	36	14	16
5	42	31	33	14	15
6	40	30	31	18	15
7	39	31	28	18	15
8	38	31	28	18	14
9	36	24	28	18	15
10	37	24	29	23	15
11	45	25	30	22	15
12	39	38	39	17	15
13	37	42	39	18	15
14	37	43	32	18	14
15	36	34	31	17	14
16	38	39	36	17	15
17	33	35	39	16	15
18	31	15	36	16	14
19	27	30	33	17	11
20	27	26	33	22	11
21	26	26	31	22	10
22	27	26	30	21	15
23	26	24	30	17	15
24	26	24	30	18	16
25	26	24	30	18	17
26	26	23	30	19	17
27	26	23	26	18	20
28	31	21	26	16	19
29	30	22	22	16	22
30	31	26	22	16	22
31	31	—	22	18	—
Mean	35	29	30	18	16
Max.	56	43	39	23	22
Min.	26	15	22	9	10
A. F.	2180	1710	1850	1100	930

TUB SPRINGS—Sec. 8-22-55 W.
Water Year Ending September 30, 1944

Day	Oct.	May	June	July	Aug.	Sept.
1	31	35	7	4	5	14
2	38	36	8	10	14	13
3	38	34	16	15	22	12
4	50	34	20	26	16	14
5	63	34	24	30	14	21
6	75	34	22	22	7	24
7	88	35	26	26	9	20
8	87	35	34	86	16	15
9	83	35	40	83	3	15
10	86	36	78	91	11	22
11	83	36	99	90	12	24
12	87	36	95	76	24	25
13	75	36	90	81	22	31
14	84	36	86	76	16	28
15	74	36	86	67	8	31
16	75	36	83	76	2	37
17	74	86	77	38	12	41
18	83	79	66	26	16	40
19	80	64	35	16	8	43
20	79	52	46	59	1	44
21	76	59	41	40	1	40
22	75	44	40	30	4	42
23	74	42	32	43	50	43
24	73	40	29	37	30	40
25	72	39	20	102	59	38
26	71	30	9	46	41	38
27	70	22	11	39	37	46
28	69	22	16	31	36	50
29	68	24	8	32	35	50
30	67	17	5	28	19	52
31	66	13	—	17	21	—
Mean	71	39	42	47	18	32
Max.	88	86	99	102	59	52
Min.	31	13	5	4	1	12
A. F.	4390	2370	2480	2860	1130	1890

BUREAU OF IRRIGATION

WINTERS CREEK—Sec. 30-22-54 W.
Water Year Ending September 30, 1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	128	84	63	62	58	56	48	51	12	12	61	30
2	138	84	64	62	58	56	48	61	13	14	53	73
3	134	84	63	62	58	56	49	48	13	13	56	81
4	126	85	64	62	58	56	48	46	43	58	37	90
5	143	83	66	61	58	55	48	44	79	65	48	93
6	141	84	68	62	58	53	48	44	27	46	48	102
7	140	82	68	62	58	53	49	44	56	39	38	112
8	131	80	68	62	58	53	49	44	65	69	38	104
9	128	79	68	62	58	53	48	44	73	58	38	96
10	125	79	68	62	58	53	48	44	107	93	34	124
11	124	78	68	62	57	53	48	44	149	100	35	123
12	125	73	68	62	56	53	48	44	163	90	39	107
13	127	71	68	62	55	53	48	44	121	104	44	107
14	131	70	68	62	55	52	48	44	107	89	53	92
15	142	69	67	62	55	52	48	52	101	72	54	104
16	125	69	66	62	55	53	48	59	82	53	54	101
17	134	68	65	62	55	53	49	91	76	53	63	103
18	130	67	66	62	55	53	49	100	65	17	58	85
19	110	67	69	62	55	52	50	104	60	20	62	83
20	115	66	68	62	54	52	49	96	74	39	69	81
21	102	65	67	62	53	52	51	96	77	39	60	81
22	89	65	66	61	54	52	53	95	69	39	50	85
23	89	65	66	62	54	51	53	58	34	41	32	87
24	89	66	66	62	55	51	52	28	53	44	69	95
25	89	65	67	61	56	51	51	25	28	45	86	85
26	89	64	66	61	56	51	51	16	15	29	81	81
27	89	64	65	61	55	50	51	15	17	36	109	85
28	89	64	64	59	56	50	51	18	15	51	95	90
29	90	63	63	59	56	50	51	15	11	69	85	103
30	90	63	62	59	—	50	52	12	12	73	87	152
31	86	—	62	59	—	50	—	11	—	72	91	—
Mean	116	72	66	62	56	52	49	49	60	54	60	96
Max.	143	85	69	62	58	56	53	104	163	104	109	152
Min.	86	63	62	59	53	48	48	11	11	12	84	73
A. F.	7160	4300	4060	3780	3230	3230	2940	3030	3590	3320	3720	5720

Total acre-feet 48080.

SUMMARY
ANNUAL DIVERSIONS IN ACRE-FEET BY PROJECTS
North Platte and Platte River Basins
Wyoming-Nebraska Line to Odessa, Nebraska

Project	Water Year Ending September 30, 1943			Water Year Ending September 30, 1944		
	Acreage reported	Water diverted	Acre-ft. per acre	Acreage reported	Water diverted	Acre-ft. per acre
Alliance (2)	6126	9555	1.56	6128	9040	1.47
Beerline (1)	2080	1740	.84	2100	880	.42
Belmont (2)	14226	24700	1.73	14103	18260	1.29
Birdwood (1)	5502	6550	1.18	5400	5020	.93
Blue Creek (1)	2918	8575	2.94	2918	5540	1.90
Browns Creek (1)	6090	7642	1.25	6090	2756	.45
Castle Rock (1)	6026	18280	3.03	5986	16950	2.83
Central (1)	2127	6230	2.92	2096	5960	2.85
Chimney Rock (1)	5683	10720	1.89	5713	6900	1.21
Cody-Dillon (1)	4660	3660	.79	4660	4610	.99
Court House Rock (1)	1404	3850	2.63	1526	3350	2.20
Cozad (1)	25190	*24318	.97	25190	*19840	.79
Dawson County (1)	92826	*59990	.64	95230	*51020	.54
Elm Creek (1)	15730	*7367	.47	15730	*7620	.48
Empire (1)	1600	1690	1.06	1640	590	.36
Enterprise (3)	7093	28118	3.97	6783	23149	3.42
Fort Laramie	103500	279030	2.69	103500	283900	2.74
Gering (1)	14254	*38510	2.70	14254	*32090	2.25
Gothenburg (2)	17820	*34650	1.94	17820	*29130	1.63
Graf (1)	2089	4380	2.10	2089	3046	1.46
Hooper (1)	\$77	3710	4.23	790	3490	4.41
Interstate	111800	512300	4.58	111770	513580	4.59
Kearney† (2)	4200	151930	.....	4207	107910	.....
Keith-Lincoln (2)	6010	12260	2.04	6049	18640	3.08
Keystone	‡	0	.....	3267	0	.....
Last Chance (1)	105	1360	3.36	453	860	1.90
Lisco (1)	3810	6112	1.61	3800	5224	1.37
Lyons (1)	2246	2100	.93	2218	2200	.99
Meredith-Ammer. (1)	981	1260	1.28	981	1210	1.23
Midland-Overland (1)	1808	2470	1.37	1898	2950	1.55
Minature (1)	7674	17150	2.24	7633	14530	1.91
Mitchell (1)	13602	*41220	3.02	13609	*37710	2.77
Nine Mile (1)	5838	18250	3.12	5838	17420	2.98

SUMMARY
ANNUAL DIVERSIONS IN ACRE-FEET BY PROJECTS—Concluded
North Platte and Platte River Basins
Wyoming-Nebraska Line to Odessa, Nebraska

Project	Water Year Ending September 30, 1943			Water Year Ending September 30, 1944		
	Acreage reported	Water diverted	Acre-ft. per acre	Acreage reported	Water diverted	Acre-ft. per acre
North Platte (1)	13403	41070	3.06	13888	41640	3.00
Northport (1)	16109	*67046	4.16	16109	*62604	3.88
Orchard-Alfalfa (1)	5950	*8967	1.50	5930	*6980	1.18
Oshkosh (1)	2379	28	.01	2379	850	.36
Paisley (1)	1072	1680	1.56	1079	1610	1.49
Paxton-Hershey (1)	7458	18580	2.48	7458	19280	2.58
Ramshorn (1),	1651	2260	1.37	1867	2310	1.24
Sheridan-Wilson (1)	676	3018	4.45	676	1280	1.89
Short Line (1)	2663	3820	1.43	2818	2430	.86
Six Mile (none)	1253	*1250	1.00	1798	1250	.70
Spohn (none)	1079	530	.49	1079	142	.13
Suburban (1)	7229	14890	2.06	7263	16390	2.26
Sutherland† (1) .....	.....	*750570	.....	.....	777260	.....
Thirty-Mile (1)	23089	*46930	2.03	23083	*40210	1.74
Tri-County† (3) .....	.....	*1205460	.....	.....	*1120910	.....
Tri-State (1)	66990	*209633	3.12	66990	*211980	3.16
Union (1)	1186	2540	2.14	1225	2170	1.77
Winters Creek (2)	5726	18250	3.18	5714	18200	3.18

Note:—Number in parenthesis following project indicates the number of automatic recorders in operation on the project.

*Including storage diversions.

†Diverted for power and irrigation.

‡Acreage report not filed.

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED
DURING THE 1943 WATER YEAR

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
4- 8	R. H. Willis*	Ralph Kramer†	_____	Requested 100 sec.-ft. for Thirty Mile Canal
4- 9	do	do	_____	Requested 50 sec.-ft. for Gothenburg Canal
5- 2	do	Platte Valley PPID	_____	Requested 200 sec.-ft. for North Platte Canal
5- 3	do	Cozad Ditch Co.	_____	Permission to divert 50 sec.-ft.
5- 4	do	C. F. Gleason‡	_____	Request for Farmers Irrig. Dist.
5- 4	do	do	_____	Requested 100 sec.-ft. for Mitchell Irrig. Dist.
5- 5	do	Keith-Lincoln Co. Irrig. Dist.	_____	Permission to divert 50 sec.-ft.
6- 5	do	C. F. Gleason	_____	Request made for Northport Irrig. Dist.
5- 8	do	L. C. Bishop§ and C. F. Gleason	_____	Request made for Farmers, Mitchell, Gering, and Northport Irrig. Dists.
5-27	do	M. H. Fry	_____	200 sec.-ft. limited to North Platte Canal
6-27	do	Ralph Kramer	_____	Pass through Kingsley Reservoir, 300 sec.-ft.
6-15	do	do	_____	Reduce flow to zero at Keystone River Station
6-26	do	do	_____	200 sec.-ft. increase at Keystone River Station
6-27	do	do	_____	Increase Keystone River Station to 350 sec.-ft.
7- 1	do	J. L. Grimm	_____	Permission for Gering Canal to divert 130 sec.-ft.
7- 6	do	Ralph Kramer	_____	Reduce flow at Keystone to 250 sec.-ft.
7-11	do	J. L. Grimm	_____	Permission to increase diversion of the Gering Canal to 150 sec.-ft.
7-15	do	William Kittenbrink	_____	Close Six Mile Canal
7-17	do	Frank B. Ludden||	_____	Limit Tri-State and Mitchell Canals to natural Flow. Permit Gering and Northport Canals to divert storage

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED
DURING THE 1943 WATER YEAR—Continued

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
7-17	R. H. Willis*	E. A. Crosby	_____	Limit Keith-Lincoln Canal to 86 sec.-ft.
7-17	do	A. R. Sudman	_____	Limit Sheridan-Wilson Canal to 7 sec.-ft.
7-17	do	G. F. Fransen	_____	Limit Paxton-Hershey Canal to 106 sec.-ft.
7-17	do	M. H. Fry	_____	Limit North Platte Canal to 191 sec.-ft.
7-23	do	B. F. Maxwell	_____	Limit diversion of Enterprise Canal to 102 sec.-ft.
7-23	do	A. H. Heldt	_____	Limit diversion of Winters Creek Canal to 82 sec.-ft.
7-23	do	Harry Crabill	_____	Limit diversion of Castle Rock Canal to 83 sec.-ft.
7-27	do	S. B. Hanna	_____	Water for Atkins-Polly-Lodgepole Creek
8-21	do	F. G. Fransen	_____	Limit diversion of Paxton-Hershey Canal to 25 sec.-ft.
8-23	do	Elmer Donahue **	Feb. 12, 1894	Formal Order
8-23	do	L. B. Hall††	do	do
8-23	do	Frank B. Ludden	do	do
8-24	do	Roy Homer	_____	Thirty Mile Canal—close to natural flow and storage
8-25	do	F. G. Fransen	_____	Permission to divert 60 sec.-ft. into Paxton-Hershey Canal
8-25	do	Arthur Bowring	_____	Close his canals on Bear Creek in favor of D. J. Cole's canals
8-25	do	H. S. Bates	_____	Close his canals on Bear Creek
8-28	do	J. E. Mellman††	Sept. 16, 1894	Formal Order
8-28	do	Elmer Donahue	do	do
8-28	do	L. B. Hall	do	do
8-28	do	Frank B. Ludden	do	do
8-28	do	D. G. Edwards	_____	Close Gothenburg Canal to water for D-645b

NOTE—Refer to page 566 for foot-notes.

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED
DURING THE 1943 WATER YEAR—Concluded

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
8-28	R. H. Willis*	W. H. Bodemer	_____	Close Cozad Canal
8-28	do	Roy Homer	_____	Close Thirty Mile Canal
8-28	do	F. G. Fransen	_____	Permission to divert 60 sec.-ft. into Paxton-Hershey Canal
8-31	do	D. G. Edwards	_____	Permission to divert limited amount into Gothenburg Canal
9-4	A. W. Hall*	C. F. Young	_____	Close Orchard-Alfalfa Canal
9-6	do	Elmer Donahue	Sept. 7, 1926	Formal Order
9-6	do	J. E. Mellman	do	do
9-6	do	Frank B. Ludden	do	do
9-6	do	L. B. Hall	do	do
9-6	do	Ralph Kramer	_____	Permit 400 sec.-ft. in river at Keystone
9-6	do	do	_____	Return 750 sec.-ft. natural flow to river at Jeffrey Canyon
9-7	do	do	_____	Permit 350 sec.-ft. to pass Keystone
9-9	do	J. E. Mellman	_____	Permit canals having priorities earlier than Jan. 13, 1934 to divert water
9-15	do	Ralph Kramer	_____	Reduce flow to 250 sec.-ft. at Keystone
9-17	R. H. Willis	E. O. Daggett	_____	Demand for 600 sec.-ft. natural flow was permitted
9-21	A. W. Hall	Ralph Kramer	_____	Reduce flow at Keystone to 200 sec.-ft.
10-14	R. H. Willis	Cozad Ditch Co.	_____	Permission to divert 50 sec.-ft.
11-1	do	Cozad Ditch Co.	_____	Ditch closed

*State official signing closing order.

†Ralph Kramer, chief dispatcher, The Central Nebraska PPID.

‡C. F. Gleason, superintendent of power, United States Bureau of Reclamation.

§L. C. Bishop, Wyoming, State Engineer.

||Frank B. Ludden, water commissioner, Wyoming-Nebraska State Line to Bridgeport.

**Elmer Donahue, water commissioner, Lewellen to North Platte.

††L. B. Hall, water commissioner, Bridgeport to Lewellen.

‡‡J. E. Mellman, water commissioner, Brady to Kearney—1943 water year.

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED
DURING THE 1944 WATER YEAR

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
5-19	R. H. Willis*	Frank B. Ludden†	_____	Permission granted to Farmers, Northport and Gering Districts to divert natural flow
5-22	do	do	_____	Permission to Mitchell - Canal to divert 75 sec.-ft.
5-23	do	do	_____	Permission to Ramshorn Canal to divert natural flow
7-22	do	Frank B. Ludden	June 20, 1890	Closing canals in State Line area to natural flow having priorities later than June 20, 1890
7-29	do	The Central Nebraska PPID and Platte Valley PPID	Jan. 13, 1934	Order for canals between Kingsley reservoir and Odessa
7-31	do	Platte Valley Irrig. Dist.	Jan. 13, 1934	North Platte Canal closed to 198 sec.-ft.
7-31	do	Keith-Lincoln Co. Irrig. Dist.	_____	Limited Keith and Lincoln Canal to 86 sec.-ft.
7-31	do	Paxton-Hershey Water Co.	_____	Limited Paxton-Hershey Canal to 106 sec.-ft.
7-31	do	A. R. Sudman	_____	Limited Sheridan-Wilson Canal to 10 sec.-ft.
8- 3	do	T. O. Haiston†	Sept. 19, 1894	Closed to natural flow
8- 3	do	William Kittenbrink	_____	Closed Six Mile to natural flow
8-28	do	W. H. Bodemer	Oct. 6, 1932	Permission to divert natural flow into Cozad Canal to legal limit
8-28	do	C. F. Young	Oct. 6, 1932	Limited the Orchard-Alfalfa Canal to legal amount
8-28	do	Roy Homer	Oct. 6, 1932	Limited Thirty Mile Canal to legal amount
8-28	do	H. W. Kendall	Oct. 6, 1932	Limited Kearney Canal to legal amount
8-28	do	William Kittenbrink	Oct. 6, 1932	Limited Six Mile Canal to legal amount

NOTE—Refer to page 568 for foot-notes.

ABSTRACT OF CLOSING, OPENING OR REGULATION
ORDERS AND REQUESTS ISSUED
DURING THE 1944 WATER YEAR—Concluded

Date of Issue	By Whom Issued	To Whom Issued	Date Closed to	Remarks
8-28	R. H. Willis*	Harold Oldfather	Oct. 6, 1932	Limited Elm Creek Canal to legal amount
8-28	do	J. F. Mesmer	Oct. 6, 1932	Limited Dawson Canal to legal amount
3-28	do	D. G. Edwards	Oct. 6, 1932	Limited Gothenburg Canal to legal amount
9-16	do	Mitchell Irrig. Dist.	June 19, 1890	Closed to natural flow
9-16	do	Frank B. Ludden	do	Junior canals in State Line area closed to natural flow
9-21	do	Gering Irrig. Dist.	do	Closed to natural flow

*State official signing closing order.

†Frank B. Ludden, water commissioner, Wyoming-Nebraska State Line to Bridgeport.

‡T. O. Haiston, water commissioner, Brady to Kearney—1944 water year.

ALLIANCE DIVERSION
From Bayard Sugar Factory Drain—1943

Day	May	June	July	Aug.	Sept.
1	0	0	10	7	0
2	0	4	11	10	0
3	0	1	12	10	0
4	0	4	12	10	0
5	0	6	12	12	0
6	0	11	11	11	0
7	0	13	10	10	0
8	0	17	11	7	9
9	0	19	13	2	0
10	0	23	13	1	0
11	0	24	13	5	0
12	0	25	14	2	0
13	0	29	15	2	0
14	0	32	13	2	0
15	0	33	13	0	0
16	0	33	14	1	0
17	0	31	15	1	0
18	0	28	0	2	0
19	0	26	12	3	0
20	0	21	11	3	0
21	0	17	13	3	0
22	0	17	12	1	0
23	0	15	8	0	0
24	0	16	7	0	0
25	0	15	4	9	0
26	0	5	5	0	0
27	2	5	4	0	0
28	0	9	5	0	0
29	0	12	5	0	0
30	0	10	6	0	0
31	0	—	8	0	—
Mean	0	17	10	4	0
Max.	2	33	15	12	0
Min.	0	0	0	0	0
A. F.	5	990	620	230	0
Water diverted	1845	A. F.	Acreage Reported		
			D-874	4020	

ALLIANCE DIVERSION
From Red Willow Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	31	29	51	38
2	0	34	30	53	34
3	0	29	22	54	33
4	0	29	25	50	29
5	0	29	28	42	32
6	9	23	34	49	32
7	2	24	37	44	27
8	0	24	36	44	28
9	0	22	35	51	28
10	0	22	35	57	28
11	0	21	36	60	27
12	0	20	27	56	28
13	0	19	0	54	20
14	0	22	0	50	20
15	0	23	0	49	22
16	0	24	0	47	26
17	0	23	0	45	25
18	0	23	0	50	26
19	0	24	0	58	26
20	0	29	0	32	33
21	0	34	0	23	34
22	0	32	0	27	35
23	0	31	0	32	28
24	0	27	0	46	29
25	0	26	11	50	29
26	0	35	24	50	29
27	26	33	27	49	32
28	35	31	35	49	33
29	35	28	46	47	29
30	31	29	46	44	27
31	22	—	48	43	—
Mean	5	27	20	47	29
Max.	35	34	39	59	38
Min.	0	19	0	23	20
A. F.	300	1590	1210	2890	1720
Water diverted	7710	A. F.	Acreage Reported		
			D-874	2106	

ATKINS-POLLY DIVERSION
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	2	0	2	1	1
2	2	0	2	1	1
3	2	0	1	1	1
4	2	0	1	1	1
5	1	0	0	1	1
6	1	0	0	1	1
7	1	0	0	1	1
8	1	0	0	1	1
9	1	0	0	1	1
10	1	0	1	1	1
11	1	0	1	1	1
12	1	0	1	1	1
13	1	0	1	1	1
14	1	0	1	1	1
15	1	0	1	1	1
16	1	0	1	1	1
17	1	0	1	1	1
18	1	0	1	1	1
19	0	0	1	1	1
20	0	0	1	1	1
21	0	0	1	1	1
22	0	2	1	1	1
23	0	2	1	1	1
24	0	2	1	1	1
25	0	2	1	1	1
26	0	2	1	1	1
27	0	2	1	1	1
28	0	2	1	1	1
29	0	2	1	1	1
30	0	2	1	1	1
31	0	—	1	1	—
Mean	0.7	0.6	1	1	1
Max.	2	2	2	1	1
Min.	0	0	0	1	1
A. F.	44	36	56	62	60
Water diverted	282	A. F.	Acreage Reported		
			D-342	55	
			D-344	30	
			A-724	*	
			A-897R	8	

BEERLINE DIVERSION
From North Platte River—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	0	6	7
2	12	0	0	0	3	7
3	6	0	0	0	2	8
4	5	0	0	0	10	9
5	6	0	0	0	13	9
6	6	0	0	0	16	10
7	6	0	0	0	15	10
8	6	0	0	0	15	7
9	6	0	0	0	16	8
10	6	0	0	0	16	8
11	5	0	0	5	15	8
12	5	0	0	2	14	8
13	5	0	0	8	14	9
14	4	0	0	6	13	9
15	3	0	0	5	12	8
16	1	0	0	5	12	8
17	2	0	0	5	12	8
18	0	0	0	7	12	9
19	0	0	0	7	10	9
20	0	0	0	7	10	9
21	0	0	0	7	11	10
22	0	0	0	12	10	10
23	0	0	0	12	8	11
24	0	0	0	12	8	11
25	0	0	0	12	7	11
26	0	0	0	12	7	10
27	0	0	0	12	8	11
28	0	0	0	11	8	11
29	0	0	0	11	8	11
30	0	0	0	8	8	11
31	0	0	0	9	8	—
Mean	3	0	0	6	11	9
Max.	13	0	0	12	16	11
Min.	0	0	0	0	2	7
A. F.	190	0	0	350	650	550
Water diverted	1740	A. F.	Acreage Reported			
			D-887	2036		

Total 53
*No report.

REPORT OF THE STATE ENGINEER

BELMONT DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	61	111	123	103
2	0	39	128	123	106
3	0	26	128	123	117
4	0	27	116	121	117
5	0	27	115	138	108
6	0	36	113	132	97
7	0	48	106	127	101
8	0	46	117	127	79
9	0	44	101	120	73
10	0	44	100	125	104
11	0	44	93	130	102
12	21	46	84	123	83
13	43	51	51	122	83
14	46	49	73	124	86
15	59	49	69	127	86
16	55	41	86	126	86
17	50	38	91	126	85
18	51	35	67	123	86
19	53	55	58	126	85
20	51	56	51	131	85
21	51	63	77	126	79
22	53	58	92	126	75
23	55	30	70	127	72
24	48	94	70	97	6
25	48	89	70	86	71
26	50	87	73	86	76
27	44	82	103	94	74
28	53	75	111	121	76
29	53	100	111	107	78
30	53	106	111	111	78
31	50	—	114	111	—
Mean	32	55	93	120	86
Max.	59	106	128	138	117
Min.	0	27	51	86	6
A. F.	1960	3260	5730	7360	5100
Water diverted— ed 2310 A. F.			Acreage Reported D-823		14226

BELMONT FEEDER
From Cedar Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	7	8	10	6
2	0	7	8	8	6
3	0	7	8	8	6
4	0	7	8	8	6
5	0	7	8	8	6
6	0	0	6	8	6
7	0	0	6	7	6
8	0	0	6	7	6
9	0	0	6	7	6
10	0	0	6	7	6
11	0	0	6	7	5
12	0	0	6	7	4
13	0	0	6	7	3
14	0	0	6	7	3
15	0	0	6	7	3
16	0	0	8	5	3
17	0	0	8	5	3
18	0	0	8	5	2
19	0	0	8	5	2
20	0	0	8	5	2
21	0	0	8	5	2
22	0	0	8	5	2
23	0	0	8	5	2
24	0	0	8	5	2
25	0	5	8	5	2
26	5	6	9	6	2
27	6	6	9	6	0
28	7	6	10	6	0
29	7	7	10	6	0
30	7	7	10	6	0
31	7	—	10	6	—
Mean	1	2	8	6	3
Max.	7	7	10	10	6
Min.	0	0	6	5	0
A. F.	78	143	472	395	202
Water diverted ed 1290 A. F.					

BICKEL DIVERSION
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	0	0.0	0.8	0.9
2	0	0	.0	.7	.9
3	0	0	.0	.8	.9
4	0	0	.0	.8	.9
5	0	0	.0	.8	.9
6	0	0	.0	.7	.9
7	0	0	.0	.7	.9
8	0	0	.8	.7	.9
9	0	0	.8	.7	.8
10	0	0	.9	.8	.7
11	0	0	.9	.8	.7
12	0	0	1.0	.8	.7
13	0	0	1.0	.8	.7
14	0	0	1.0	.8	.7
15	0	0	.8	.7	.7
16	0	0	.9	.7	.7
17	0	0	.9	.8	.7
18	0	0	.9	.8	.7
19	0	0	1.0	.8	.7
20	0	0	1.0	.8	.7
21	0	0	.8	.8	.8
22	0	0	.8	.8	.8
23	0	0	.8	.8	.8
24	0	0	.8	.8	.8
25	0	0	.8	.8	.8
26	0	0	.8	.9	.7
27	0	0	.8	.9	.7
28	0	0	.8	.9	.7
29	0	0	.8	.9	.7
30	0	0	.8	.9	.7
31	0	—	.8	.9	—
Mean	0	0	.7	.8	.8
Max.	0	0	1.0	.9	.9
Min.	0	0	.0	.7	.7
A. F.	0	0	42.0	50.0	46.0
Water diverted— ed 138 A. F.			Acreage Reported D-347 A-719		55 65
Total					120

BIRDWOOD DIVERSION
From Birdwood Creek—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	4	0	8	27	27	33
2	3	0	15	27	8	33
3	3	0	16	20	7	33
4	3	0	15	20	16	31
5	3	0	22	25	17	27
6	3	8	21	25	11	28
7	7	0	20	27	21	28
8	7	0	20	31	27	31
9	9	2	12	33	23	30
10	11	5	6	22	28	28
11	13	4	1	21	35	27
12	13	6	3	21	40	27
13	15	5	0	21	35	26
14	17	5	13	21	36	25
15	18	8	1	23	41	8
16	19	7	0	27	36	12
17	18	10	0	24	28	13
18	17	5	2	25	29	15
19	17	5	6	24	30	17
20	14	5	23	24	33	18
21	4	5	23	24	29	22
22	4	4	23	26	33	25
23	4	4	25	31	30	25
24	4	5	26	29	34	27
25	4	6	24	29	38	27
26	4	12	24	29	40	27
27	4	7	25	29	38	26
28	4	7	25	29	38	26
29	4	8	25	29	38	25
30	4	8	27	30	35	19
31	4	2	—	33	34	—
Mean	8	5	15	26	30	25
Max.	19	12	26	33	41	33
Min.	3	0	0	20	7	8
A. F.	510	285	895	1580	1810	1470
Water diverted— ed 6550 A. F.				Acreage Reported D-646		5502

BLUE CREEK DIVERSION
From Blue Creek and Crescent Lake—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	19	0	49	31	33	32
2	15	0	22	27	28	32
3	12	0	44	26	34	32
4	10	0	45	28	36	30
5	8	0	47	26	30	29
6	4	0	41	28	18	26
7	0	0	30	32	8	25
8	0	0	24	33	6	33
9	0	0	24	34	27	34
10	0	0	39	31	25	34
11	0	0	16	27	26	34
12	0	8	12	32	39	36
13	0	9	4	36	39	35
14	0	8	15	39	39	31
15	0	9	19	39	39	30
16	0	21	16	38	38	33
17	0	10	6	34	36	33
18	0	20	7	35	36	33
19	0	14	14	37	39	32
20	0	30	17	33	32	32
21	0	21	18	31	34	31
22	0	23	29	45	34	31
23	0	23	40	44	34	32
24	0	21	37	41	34	31
25	0	14	38	44	31	30
26	0	18	41	41	34	30
27	0	27	46	42	45	32
28	0	33	47	30	35	31
29	0	35	44	28	31	27
30	0	27	43	22	33	29
31	0	39	—	34	34	—
Mean	2	13	29	34	32	31
Max.	19	39	49	45	45	36
Min.	0	0	4	22	6	25
A. F.	135	\$10	1730	2080	1960	1860

Water diverted \$575 A. F.
Acreage Reported
D-785 2549
A-795 339
A-1154 30

Total 2918

BROWNS CREEK DIVERSION
From North Platte River—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	40	0	42	20	0	48
2	30	0	44	19	16	44
3	30	0	6	25	57	47
4	15	0	6	24	56	49
5	10	0	6	30	56	54
6	0	0	6	27	42	50
7	0	0	6	23	40	45
8	0	0	6	32	40	44
9	0	0	7	38	45	45
10	0	0	16	44	45	45
11	0	0	0	56	44	48
12	0	0	0	19	45	50
13	0	0	0	23	44	51
14	0	0	0	0	41	47
15	0	0	0	0	39	46
16	0	0	0	0	42	50
17	0	0	0	0	40	51
18	0	0	6	0	35	52
19	0	0	6	0	34	52
20	0	0	6	0	34	47
21	0	0	5	0	40	55
22	0	0	6	0	34	46
23	0	0	6	0	44	34
24	0	5	15	0	44	53
25	0	10	38	0	41	53
26	0	10	26	11	43	52
27	0	21	28	28	45	52
28	0	24	29	28	41	45
29	0	19	26	26	43	39
30	0	25	24	26	48	39
31	0	36	—	15	49	—
Mean	4	5	12	17	41	48
Max.	40	36	44	56	57	55
Min.	0	0	0	0	0	34
A. F.	248	298	726	1020	2510	2840

Water diverted 7642 A. F.

Acreage Reported
D-857, D-1033 6090

CASTLE ROCK DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	46	59	84	74
2	0	48	61	83	70
3	0	49	65	82	73
4	0	48	67	71	75
5	0	44	63	77	73
6	0	42	68	82	72
7	0	42	59	81	72
8	0	52	55	80	70
9	0	52	57	79	70
10	54	43	67	79	69
11	49	40	80	80	70
12	42	32	85	81	75
13	36	36	84	76	73
14	47	38	82	75	73
15	50	41	82	79	73
16	53	38	86	82	71
17	43	32	75	80	71
18	40	36	56	80	70
19	38	35	85	81	63
20	40	34	85	83	62
21	42	39	87	83	59
22	47	44	80	82	61
23	51	60	85	82	63
24	49	59	83	81	60
25	50	56	80	81	64
26	48	53	80	81	64
27	47	57	81	79	65
28	50	52	83	79	67
29	54	58	82	77	69
30	43	57	82	76	67
31	42	—	81	75	—
Mean	33	45	75	79	69
Max.	54	60	87	84	75
Min.	0	32	55	69	59
A. F.	2010	2700	4610	4880	4080

Water diverted 18280 A. F.
Acreage Reported
D-921 6026

REPORT OF THE STATE ENGINEER

CENTRAL DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	23	23	29	32
2	0	22	26	22	32
3	0	23	33	24	31
4	0	26	33	22	33
5	0	22	31	29	33
6	8	21	31	28	28
7	17	22	29	28	22
8	19	22	26	30	23
9	0	23	24	29	22
10	0	23	23	32	20
11	0	22	25	34	18
12	0	23	28	32	21
13	0	27	30	29	24
14	0	25	32	26	22
15	0	15	34	26	24
16	0	0	35	28	16
17	0	0	35	28	0
18	13	0	36	30	0
19	16	0	36	30	0
20	13	0	36	33	0
21	17	0	34	31	0
22	18	11	35	30	0
23	14	17	37	26	0
24	11	15	36	26	0
25	13	10	37	32	0
26	13	10	35	31	0
27	16	10	36	31	18
28	18	24	35	32	29
29	21	21	34	33	20
30	22	20	35	33	20
31	22	—	35	33	—
Mean	9	16	32	29	16
Max.	22	27	37	34	33
Min.	0	0	23	22	0
A. F.	540	950	1970	1800	970
Water diverted ed 6230 A. F.			Acreeage Reported D-926		2127

CHIMNEY ROCK DIVERSION
From North Platte River—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	33	32	27	39
2	15	8	27	31	45	32
3	15	20	19	31	61	36
4	15	20	24	35	72	39
5	15	22	18	40	77	38
6	10	29	15	42	82	37
7	10	28	19	46	79	25
8	10	23	19	70	52	30
9	10	24	18	65	54	29
10	10	32	12	75	48	36
11	10	36	13	85	28	36
12	10	34	19	72	40	27
13	8	36	18	10	66	29
14	4	36	16	27	79	31
15	0	36	21	34	71	29
16	0	31	23	37	89	29
17	0	31	17	32	105	29
18	0	36	18	22	88	29
19	0	33	14	5	97	24
20	0	22	14	10	101	23
21	0	23	15	11	93	23
22	0	23	18	14	57	22
23	0	23	18	11	57	30
24	0	23	17	10	59	35
25	0	27	17	8	64	30
26	0	30	17	11	64	27
27	0	29	22	10	61	27
28	0	26	28	14	59	35
29	0	31	37	15	26	35
30	0	37	31	17	21	27
31	0	35	—	17	36	—
Mean	5	27	20	30	63	31
Max.	16	37	37	85	105	39
Min.	0	0	12	5	21	22
A. F.	310	1670	1180	1860	3880	1820
Water diverted ed 10720 A. F.			Acreeage Reported D-844, D-1031 A-2190		5636	47

Total 5683

CIRCLE ARROW DIVERSION
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	0	4	6	7
2	0	0	4	6	7
3	0	0	4	6	7
4	0	0	4	6	0
5	0	0	4	6	0
6	0	0	4	6	0
7	0	0	5	6	0
8	0	0	5	6	0
9	0	0	5	6	0
10	0	0	5	6	0
11	0	0	5	6	4
12	0	0	5	6	4
13	0	5	5	6	4
14	0	5	5	5	4
15	0	5	5	5	4
16	0	5	5	5	4
17	0	5	5	5	4
18	0	5	4	5	4
19	0	4	4	5	4
20	0	4	5	5	4
21	0	4	5	7	4
22	0	4	5	7	4
23	0	4	6	7	4
24	0	4	6	7	4
25	0	4	6	7	4
26	0	4	6	7	4
27	0	4	6	7	4
28	0	4	6	7	4
29	0	4	6	7	4
30	0	4	6	7	4
31	0	—	6	7	—
Mean	0	3	5	6	4
Max.	0	5	6	7	7
Min.	0	0	4	5	0
A. F.	0	155	300	377	208
Water diverted ed 1049 A. F.			Acreeage Reported D-346		260

CODY-DILLON DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	9	6	23	11
2	0	9	22	21	10
3	0	8	21	43	10
4	0	8	20	40	18
5	0	10	17	37	20
6	0	11	16	23	18
7	0	11	14	26	15
8	0	11	14	29	13
9	0	11	14	24	9
10	0	11	9	21	7
11	0	11	6	21	5
12	0	10	8	19	4
13	0	10	23	16	2
14	0	14	20	19	1
15	0	14	26	21	2
16	0	1	32	21	8
17	0	0	14	21	8
18	0	0	14	24	8
19	0	0	12	29	4
20	0	0	12	32	7
21	0	0	13	31	6
22	0	0	17	30	4
23	0	0	18	30	5
24	34	1	20	30	4
25	16	10	21	29	3
26	16	9	19	26	2
27	23	9	21	24	1
28	19	5	25	16	1
29	22	5	8	13	1
30	20	5	6	13	2
31	0	—	26	14	—
Mean	5	7	17	25	7
Max.	34	14	32	43	20
Min.	0	0	6	13	1
A. F.	300	400	1020	1520	420
Water diverted ed 3660 A. F.			Acreeage Reported D-649		4660

BUREAU OF IRRIGATION

COLUMBUS POWER DIVERSION NEAR GENOA
Diverted from Loup River—Sec. 6-16-4 W.—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1530	1850	180	1420	1560	1710	1740	1560	863	1230	896	1060
2	1620	1930	292	1690	1530	528	1720	1430	1730	1290	843	987
3	1620	1920	570	2040	2160	466	1530	1400	2230	1650	816	952
4	1660	1810	577	1810	2070	848	1420	1400	1600	2900	912	1320
5	1840	1800	640	1550	2100	508	1420	1320	1570	3050	896	2660
6	1790	2080	672	1320	2050	130	1410	1230	1640	2970	843	2070
7	1710	2050	680	987	1960	298	1390	1320	1710	2370	792	2310
8	1510	1960	1000	768	1750	280	1440	1530	1940	2060	904	1920
9	1540	1920	1330	978	1810	514	1500	1570	2130	1600	960	1550
10	1590	2140	1420	1230	1740	577	1500	1530	1720	1590	969	1390
11	1640	2060	1600	1520	1840	888	1540	1490	1600	1530	816	1290
12	1710	2040	1710	1760	2020	1290	1500	1560	2440	1370	752	1340
13	1610	1950	1760	1850	1810	1750	1670	1740	1000	1250	832	1280
14	1630	1870	1850	1840	1640	1790	1740	1940	1500	1220	904	1290
15	1680	1860	2070	1840	1520	1940	1730	1910	2430	1140	928	1290
16	1700	1350	2040	1850	1430	382	1730	1900	2720	1200	792	1270
17	1750	1960	2150	1570	1590	160	1720	1870	2880	1250	720	1270
18	1810	1950	2090	1070	1880	230	1780	1890	2430	1270	640	1210
19	1840	1880	1860	744	1900	179	2020	1680	2080	1090	640	1240
20	1810	1930	1790	598	1850	316	2010	1720	2020	978	563	1220
21	1800	1980	1760	584	1900	721	1870	1580	2000	1000	598	1280
22	1840	2000	1800	656	1780	1390	1800	1530	1900	1260	633	1290
23	1950	1910	1790	848	1880	1910	1820	1480	1720	1060	612	1290
24	1940	1930	1920	944	1590	2100	1760	1480	1650	1050	626	1290
25	1910	1870	1950	978	1070	2120	1760	1480	1370	952	656	1260
26	1920	2020	2020	1140	1320	2160	1760	1520	1420	863	597	1370
27	1830	1660	1730	1230	1560	2090	1710	1470	1280	849	608	1290
28	1800	1530	1530	1370	1800	2080	1660	1290	1250	2130	682	1230
29	1920	240	1400	1540	---	1960	1650	984	1130	2080	914	1260
30	2050	90	1340	1540	---	1670	1510	1740	1210	1270	1160	1290
31	2060	---	1370	1590	---	1680	---	2000	---	987	1160	---
Mean	1763	1785	1448	1318	1756	1118	1662	1565	1774	1502	796	1410
Max.	2060	2140	2150	2040	2160	2160	2020	2000	2880	3060	1160	2660
Min.	1510	90	180	584	1070	130	1390	984	863	849	563	952
A. F.	108400	106200	89040	81630	97510	68740	98900	96210	105500	92350	48940	83920
Water diverted	1076740 A. F.											
A-2287.												

COURT HOUSE ROCK DIVERSION
From Pumpkinseed Creek—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	0	17	20	14
2	16	0	0	17	19	14
3	16	22	0	18	20	14
4	0	22	0	18	23	15
5	0	22	0	19	24	14
6	0	21	0	19	23	14
7	0	22	0	16	23	14
8	0	22	0	24	0	15
9	0	22	0	22	0	15
10	0	20	0	17	0	15
11	0	19	0	17	0	15
12	0	20	0	16	0	15
13	0	20	0	17	0	15
14	0	18	0	14	0	14
15	0	20	0	13	0	14
16	0	24	0	13	0	14
17	0	23	0	13	14	15
18	0	21	0	13	14	15
19	0	21	0	17	13	15
20	0	21	0	13	13	15
21	0	20	0	12	12	15
22	0	19	0	16	11	15
23	0	15	0	16	11	16
24	0	15	0	16	11	12
25	0	16	0	18	12	13
26	0	16	0	17	14	13
27	0	17	0	13	14	13
28	0	18	17	17	15	14
29	0	19	16	19	16	14
30	0	21	16	18	14	13
31	0	0	---	19	13	---
Mean	2	18	2	17	11	14
Max.	16	24	17	24	24	16
Min.	0	0	0	12	0	12
A. F.	95	1100	95	1020	690	850
Water diverted	3850 A. F.					
Acreage Reported	D-840, D-1028 1464					

COZAD DIVERSION
From Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	69	62	252	0
2	0	74	54	260	0
3	0	63	32	252	0
4	36	89	54	228	0
5	72	90	51	216	0
6	54	95	54	209	0
7	32	86	55	193	0
8	32	69	57	181	0
9	32	62	60	177	0
10	31	61	61	171	0
11	31	58	64	169	0
12	26	60	70	170	0
13	31	36	70	174	0
14	38	3	76	174	0
15	42	3	97	170	0
16	42	1	100	161	0
17	42	32	96	156	0
18	39	68	104	144	0
19	38	73	127	149	0
20	44	69	155	137	0
21	53	64	181	141	0
22	53	64	196	150	0
23	48	70	215	151	0
24	52	71	226	148	0
25	54	70	242	148	0
26	53	66	251	148	0
27	61	74	262	143	0
28	72	28	266	147	0
29	71	63	272	84	0
30	72	60	271	0	0
31	73	---	263	0	---
Mean	43	59	133	162	0
Max.	73	95	272	260	0
Min.	0	1	32	0	0
A. F.	2626	3552	8200	9622	0
Water diverted	24318 A. F.				
Acreage Reported	D-626 25100				

REPORT OF THE STATE ENGINEER

CULBERTSON DIVERSION
From Frenchman River--1943

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	17	0	67	84	90	97	90
2	17	0	80	84	89	102	90
3	20	0	85	85	77	100	90
4	18	0	88	88	67	110	93
5	17	0	86	89	67	102	92
6	17	0	86	81	74	104	92
7	17	0	90	71	82	106	94
8	16	0	68	62	87	106	92
9	16	0	88	56	86	100	92
10	16	0	88	57	86	100	88
11	16	0	86	55	89	98	88
12	16	0	87	53	87	98	92
13	16	0	86	8	97	94	98
14	16	0	85	0	95	92	96
15	16	0	82	0	95	92	94
16	16	0	80	0	98	92	93
17	19	0	77	0	102	93	94
18	20	0	79	0	108	91	92
19	20	0	83	0	110	90	91
20	20	0	80	0	108	88	92
21	20	0	78	12	106	86	87
22	20	9	79	59	98	88	82
23	21	36	79	67	100	86	82
24	21	43	77	77	104	86	77
25	26	41	76	85	99	82	77
26	28	41	77	99	95	81	80
27	27	44	98	103	91	81	77
28	28	47	81	100	90	85	76
29	34	54	81	98	94	88	74
30	46	59	83	88	92	84	75
31	20	---	83	---	94	87	---
Mean	21	12	82	55	92	92	88
Max.	46	59	90	103	110	110	98
Min.	16	0	67	0	67	54	74
A. F.	1260	740	5040	3290	5670	5670	5220

Water diverted 26890 A. F.
Acreage Reported
D-24-25
29-30 10600

DAWSON COUNTY DIVERSION
From Platte River--1943

Day	Apr.	May	June	July	Aug.	Sept.
1	0	0	110	171	458	260
2	0	0	112	183	460	252
3	0	0	125	158	458	111
4	0	0	107	140	472	55
5	0	0	108	148	462	131
6	0	0	118	148	458	216
7	0	0	91	170	439	183
8	0	0	93	166	416	184
9	0	0	103	168	385	177
10	0	0	108	177	344	165
11	0	100	103	176	392	165
12	0	100	53	166	365	162
13	0	100	4	164	341	142
14	0	129	4	177	341	152
15	0	100	3	144	390	131
16	0	100	6	198	404	136
17	0	100	3	263	383	140
18	0	100	8	286	237	148
19	0	115	50	279	208	158
20	18	114	55	320	302	158
21	48	87	73	225	376	153
22	50	90	84	297	394	148
23	51	97	90	324	410	135
24	49	104	105	370	336	140
25	57	98	119	400	303	128
26	53	89	110	444	346	135
27	50	107	117	460	382	129
28	50	105	104	462	300	138
29	54	105	154	462	310	146
30	40	118	164	462	382	150
31	20	150	---	462	327	---
Mean	17	73	83	264	374	154
Max.	57	150	164	462	472	260
Min.	0	0	3	140	208	55
A. F.	1070	4380	4930	16200	22970	9180

Water diverted 59990 A. F.
Acreage Reported
D-621R 520
D-622 66700
D-624 120
A-2039 5113
A-2093 213
A-2110 18286
A-2145 985
A-2262 889
Total 92826

ELM CREEK DIVERSION
From Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	16	24	58	21
2	6	24	27	61	22
3	10	11	52	64	30
4	18	9	32	64	54
5	15	18	41	64	9
6	15	23	10	63	19
7	15	3	1	64	20
8	15	2	0	66	0
9	15	3	0	67	0
10	21	2	0	69	4
11	22	2	0	67	12
12	29	2	8	65	12
13	35	2	24	54	12
14	22	2	24	45	14
15	18	4	22	51	14
16	14	4	17	51	13
17	15	4	23	55	13
18	26	4	31	58	13
19	26	4	29	60	12
20	16	0	20	57	11
21	10	0	22	50	10
22	11	0	24	50	8
23	11	14	26	52	10
24	18	20	15	51	7
25	16	19	16	52	9
26	19	28	36	48	9
27	20	42	36	46	9
28	19	43	43	46	6
29	16	36	47	32	5
30	18	22	48	36	6
31	10	---	52	30	---
Mean	17	12	24	55	13
Max.	35	43	52	69	54
Min.	0	0	0	30	0
A. F.	1033	720	1488	3364	762
Water diverted	7367 A. F.		Acreage Reported		15730

EMPIRE DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	0	11	12	4
2	0	0	12	12	6
3	0	0	12	12	7
4	0	0	12	12	7
5	0	0	11	12	7
6	0	0	11	13	6
7	0	0	11	13	5
8	0	0	11	13	0
9	0	0	9	13	0
10	0	0	8	13	2
11	0	0	8	13	6
12	0	0	8	12	4
13	0	0	0	11	4
14	0	1	0	11	4
15	0	2	0	11	4
16	0	2	8	12	4
17	0	0	8	12	5
18	0	1	6	12	4
19	0	2	5	12	5
20	0	3	6	12	5
21	0	4	7	12	7
22	0	5	7	12	11
23	0	6	5	11	14
24	0	7	5	9	14
25	0	7	5	8	10
26	0	8	6	4	10
27	0	8	9	5	10
28	0	9	11	5	10
29	0	10	11	5	10
30	0	11	11	6	10
31	0	---	12	4	---
Mean	0	3	8	10	7
Max.	0	11	12	13	14
Min.	0	0	0	4	0
A. F.	0	170	490	640	390
Water diverted	1690 A. F.		Acreage Reported		1530
			A-866		70

Total 1600

ENTERPRISE DIVERSION
From North Platte River—1943

Day	Apr.	May	June	July	Aug.	Sept.
1	0	64	80	82	86	61
2	0	66	87	84	86	65
3	0	75	81	85	86	66
4	0	68	75	80	89	63
5	0	62	72	77	90	62
6	0	67	72	80	82	60
7	0	72	73	82	69	59
8	0	72	78	83	69	58
9	0	60	78	83	66	60
10	0	69	78	89	63	62
11	0	67	77	90	62	62
12	0	63	78	90	62	60
13	0	57	80	85	62	60
14	0	65	76	84	62	58
15	0	70	69	82	62	59
16	0	58	72	80	64	60
17	0	41	72	84	67	59
18	0	32	69	86	64	63
19	0	32	69	85	62	60
20	0	32	70	86	62	56
21	0	30	72	84	62	51
22	0	44	77	88	62	49
23	0	61	84	87	66	49
24	0	71	87	86	65	52
25	0	71	80	86	65	49
26	61	71	74	85	65	48
27	67	75	76	85	65	49
28	68	75	86	80	65	49
29	69	76	84	84	62	46
30	65	72	88	84	62	48
31	---	78	---	85	61	---
Mean	11	62	77	84	68	57
Max.	69	76	88	90	90	66
Min.	0	30	69	77	61	46
A. F.	650	3800	4590	5180	4200	3380
Water diverted	21800 A. F.		Acreage Reported			7093
			D-920			

ENTERPRISE FEEDER
From Stewart and Morrill

Day	Drains—1943				
	May	June	July	Aug.	Sept.
1	0	4	2	2	3
2	0	4	2	2	3
3	0	4	2	2	3
4	0	4	2	2	3
5	0	4	2	2	3
6	1	4	2	2	3
7	1	4	2	2	3
8	1	4	2	2	3
9	1	4	2	2	3
10	1	4	2	3	4
11	1	4	2	3	4
12	1	4	2	3	4
13	1	4	2	3	4
14	1	3	2	3	4
15	1	3	2	3	4
16	0	3	2	3	4
17	0	3	2	3	3
18	0	3	2	3	3
19	0	3	2	3	3
20	0	3	2	3	3
21	0	3	2	3	3
22	0	3	2	3	3
23	0	3	2	3	3
24	0	3	2	3	3
25	0	3	2	3	3
26	1	3	2	3	3
27	1	3	2	3	3
28	2	3	2	3	3
29	2	3	2	3	3
30	3	2	2	3	3
31	3	---	2	3	---
Mean	1	3	2	3	3
Max.	3	4	2	3	4
Min.	0	2	2	2	3
A. F.	44	202	123	167	192
Water diverted	728 A. F.				
	D-920.				

REPORT OF THE STATE ENGINEER

ENTERPRISE FEEDER

From Wet Spotted Tail Creek—1943						
Day	May	June	July	Aug.	Sept.	
1	5	5	5	8	7	
2	5	5	5	8	7	
3	5	5	5	8	7	
4	5	5	5	8	7	
5	5	5	5	8	7	
6	5	5	5	8	7	
7	5	5	5	8	7	
8	5	5	5	8	7	
9	5	5	5	8	7	
10	5	5	5	8	7	
11	5	5	6	8	7	
12	5	5	6	8	7	
13	5	5	6	8	7	
14	5	5	6	8	7	
15	5	5	6	8	7	
16	5	5	6	8	7	
17	5	5	6	8	7	
18	5	5	6	8	7	
19	5	5	6	8	7	
20	6	5	6	8	7	
21	5	5	7	8	7	
22	5	5	7	8	7	
23	5	5	7	8	7	
24	5	5	7	8	7	
25	5	5	7	8	7	
26	5	5	8	7	7	
27	5	5	8	7	7	
28	5	5	8	7	7	
29	5	5	8	7	7	
30	5	5	8	7	7	
31	5	5	8	7	7	
Mean	5	5	6	8	7	
Max.	5	5	8	8	7	
Min.	5	5	5	7	7	
A. F.	307	298	383	480	416	
Water diverted	1884	A. F.				

ENTERPRISE FEEDER

From Tub Springs—1943					
Day	May	June	July	Aug.	Sept.
1	0	0	0	23	6
2	2	0	2	33	9
3	0	0	0	27	5
4	5	0	0	11	2
5	5	0	0	23	9
6	0	0	2	21	15
7	0	0	10	13	15
8	0	0	11	16	10
9	0	0	5	34	11
10	0	0	3	33	20
11	0	0	18	37	16
12	0	0	17	35	11
13	0	0	19	31	12
14	0	0	16	23	9
15	0	0	14	18	6
16	0	0	9	25	9
17	0	0	15	25	10
18	0	0	17	23	6
19	0	0	23	14	8
20	0	0	22	13	9
21	0	0	13	17	9
22	0	0	9	19	16
23	0	0	4	26	14
24	0	0	12	19	10
25	0	0	15	21	7
26	0	0	15	15	0
27	0	0	15	15	0
28	0	0	23	18	0
29	0	0	13	19	0
30	0	0	21	20	0
31	0	0	17	18	0
Mean	0.4	0	12	22	8
Max.	5	0	23	37	20
Min.	0	0	0	11	0
A. F.	24	0	714	1360	504
Water diverted	2602	A. F.			
D-920.					

ENTERPRISE LATERAL DIVERSION

From Winters Creek—1943					
Day	May	June	July	Aug.	Sept.
1	0	5	4	5	4
2	0	6	4	5	4
3	0	6	4	6	4
4	0	6	4	5	4
5	0	5	4	4	4
6	0	5	4	5	9
7	0	5	4	4	10
8	0	5	4	4	9
9	0	4	4	4	8
10	0	4	4	3	4
11	0	3	5	3	4
12	0	4	5	3	4
13	0	4	7	3	4
14	0	4	6	3	4
15	0	4	2	3	4
16	0	5	0	3	4
17	0	4	0	6	4
18	0	4	3	7	4
19	0	3	5	7	4
20	0	3	5	7	4
21	0	4	7	7	4
22	0	4	7	7	4
23	0	4	7	7	4
24	0	4	5	7	4
25	0	4	4	7	4
26	0	4	4	7	4
27	0	4	4	7	4
28	0	4	5	1	4
29	0	4	5	1	4
30	0	4	5	1	4
31	5	5	5	4	4
Mean	0	4	4	5	4
Max.	5	6	7	7	10
Min.	0	3	0	1	4
A. F.	10	256	270	290	278
Water diverted	1104	A. F.			
D-920.					

FORT LARAMIE DIVERSION

From North Platte River—1943					
Day	May	June	July	Aug.	Sept.
1	0	400	991	1330	1320
2	0	400	971	1350	1310
3	0	329	1010	1360	1280
4	0	361	1090	1360	1260
5	439	303	1100	1380	1260
6	488	303	1110	1390	1240
7	567	304	1170	1390	1210
8	604	296	1220	1390	1180
9	432	318	1300	1390	1150
10	364	371	1300	1380	1120
11	366	403	1340	1380	1120
12	461	375	1410	1380	1110
13	622	350	1430	1380	1090
14	573	366	1440	1390	1144
15	579	375	1460	1380	1061
16	535	382	1470	1390	1022
17	512	310	1460	1380	1020
18	501	333	1450	1380	985
19	456	376	1450	1380	897
20	396	438	1450	1380	941
21	400	533	1440	1380	876
22	402	616	1440	1390	900
23	400	720	1430	1380	857
24	396	772	1420	1380	865
25	400	808	1420	1390	859
26	400	877	1410	1360	835
27	400	918	1410	1380	795
28	400	973	1390	1380	532
29	400	980	1390	1380	333
30	403	989	1350	1350	31
31	398	—	1330	1350	—
Mean	397	507	1324	1371	956
Max.	622	989	1470	1390	1320
Min.	0	296	971	1330	31
A. F.	24390	30190	81430	84820	58700
Water diverted	279030	A. F.			
D-920.					

Total 103500
 *In Nebraska.
 †In Wyoming.

GERING DIVERSION						
From North Platte River—1943						
Day	Apr.	May	June	July	Aug.	Sept.
1	0	121	107	110	155	127
2	0	123	107	125	156	118
3	0	125	104	133	158	119
4	0	129	101	133	156	119
5	0	132	100	137	156	117
6	0	141	105	141	156	116
7	0	143	111	136	158	116
8	0	146	111	139	158	117
9	0	137	111	141	158	116
10	0	127	111	142	158	115
11	0	127	111	141	156	117
12	0	125	111	150	156	116
13	0	168	111	156	155	116
14	0	185	109	156	155	118
15	0	162	107	156	155	124
16	0	155	107	156	155	33
17	0	156	107	156	156	8
18	0	152	107	155	155	7
19	0	151	109	155	155	0
20	0	150	110	158	156	0
21	0	152	113	158	156	0
22	0	152	113	156	155	0
23	0	121	111	155	154	0
24	0	112	109	155	156	0
25	32	112	109	155	156	0
26	179	111	107	156	158	0
27	154	109	105	159	158	0
28	129	109	103	159	158	0
29	127	113	103	158	158	0
30	124	112	109	155	158	0
31	—	107	—	155	158	—
Mean	21	134	108	148	145	61
Max.	179	185	113	159	158	127
Min.	0	107	100	110	154	0
A. F.	1480	8260	6420	9120	9620	3610

Water diverted 38510 A. F.
Acreage Reported
A-365 14254

GOTHENBURG DIVERSION												
From Platte River—Sec. 19-12-26 W.—1943												
Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	130	171	70	80	158	139	114	202	213	289	393	204
2	130	163	88	80	172	149	118	198	211	285	389	188
3	125	122	111	90	166	160	106	188	214	281	393	191
4	114	116	126	80	164	172	105	225	214	283	397	149
5	115	116	110	110	168	139	102	232	220	281	385	174
6	118	116	90	155	146	133	101	225	214	279	391	163
7	118	119	100	156	163	155	110	232	216	279	393	225
8	118	119	120	179	128	177	107	240	209	277	379	209
9	118	119	120	161	146	191	154	260	222	272	371	202
10	112	118	130	154	116	168	174	287	209	266	375	198
11	108	126	120	160	130	193	146	279	220	266	379	186
12	103	128	140	186	156	169	143	279	209	268	381	166
13	98	118	140	189	169	171	143	274	207	305	389	169
14	98	122	140	177	181	186	150	272	168	315	381	163
15	102	128	140	179	186	184	161	268	189	329	387	193
16	110	114	140	150	181	207	150	258	160	345	389	154
17	126	126	171	130	188	200	158	245	130	363	395	154
18	148	128	140	130	168	243	163	241	161	363	389	150
19	171	121	90	130	143	347	163	223	188	365	395	169
20	137	114	50	70	142	323	186	216	161	367	335	177
21	128	105	17	100	139	222	186	216	161	367	396	182
22	126	137	50	181	139	168	191	198	211	373	387	181
23	129	149	50	168	150	161	182	207	232	377	367	176
24	133	155	84	154	161	149	182	225	232	387	353	174
25	148	142	70	150	155	147	188	216	231	385	317	177
26	155	126	70	166	154	140	186	209	232	385	293	181
27	164	133	50	160	163	154	181	211	301	389	277	182
28	172	107	50	163	143	158	198	211	256	397	287	181
29	179	96	90	160	—	150	214	211	283	395	245	182
30	177	88	110	163	—	130	207	218	289	397	161	188
31	171	—	80	174	—	126	—	216	—	399	184	—
Mean	132	125	99	145	156	178	156	232	212	333	355	179
Max.	179	171	171	189	188	347	214	287	301	399	397	225
Min.	98	88	17	70	116	126	101	188	130	266	161	149
A. F.	8090	7420	6060	8900	8680	10930	9260	14250	12620	20490	21840	10630

Water diverted 139170 A. F.

GOTHENBURG IRRIGATION DIVERSION

Day	From Platte River—1943							
	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	35	0	52	52	94	256	23	
2	38	0	56	51	93	250	13	
3	39	0	54	61	98	252	13	
4	35	0	77	55	90	254	62	
5	35	0	79	57	81	258	14	
6	35	0	78	56	85	254	38	
7	34	0	78	56	82	254	37	
8	29	0	94	53	79	256	58	
9	32	0	88	50	80	250	40	
10	32	0	101	47	79	240	41	
11	25	0	93	47	77	244	40	
12	25	0	93	49	80	244	31	
13	25	0	88	71	126	248	26	
14	31	0	86	10	127	248	29	
15	40	0	88	11	116	248	37	
16	44	0	83	11	145	256	42	
17	66	0	79	15	165	259	41	
18	59	0	77	20	182	256	43	
19	76	0	69	26	184	262	46	
20	58	0	61	26	187	262	50	
21	53	0	57	27	201	259	55	
22	42	0	58	30	220	230	55	
23	43	0	55	59	234	201	54	
24	52	0	59	60	246	165	57	
25	36	0	53	53	244	160	63	
26	0	0	53	65	237	101	66	
27	0	0	51	82	239	98	70	
28	0	27	52	70	250	80	73	
29	0	55	52	84	252	53	75	
30	0	55	55	93	252	23	75	
31	0	—	55	—	253	23	—	
Mean	33	5	70	48	157	208	46	
Max.	76	55	101	93	253	262	75	
Min.	0	0	51	10	77	23	14	
A. F.	2020	270	4290	2880	9680	12780	2730	

Water diverted 34650 A. F.	
Acreage Reported	
D-645a	820
D-645b	17000
Total	17820

GOTHENBURG POWER RETURN
To Platte River—Sec. 9-11-25 W.—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	76	107	40	52	130	127	76	139	139	143	66	148
2	74	120	60	48	140	34	111	138	139	142	86	142
3	77	107	80	55	140	63	131	119	98	147	98	147
4	65	107	90	48	130	123	92	116	152	144	98	148
5	66	95	83	82	150	64	87	130	147	143	98	133
6	69	105	57	110	130	34	89	126	144	144	101	131
7	70	82	72	122	131	59	95	115	142	145	115	93
8	70	111	93	138	138	37	96	128	147	142	97	115
9	61	108	87	155	118	127	106	135	144	142	93	156
10	59	98	96	147	72	117	147	147	143	142	90	142
11	61	111	91	146	58	104	120	154	141	141	88	139
12	56	110	107	148	127	139	120	150	145	141	74	137
13	56	112	111	143	135	158	120	157	115	154	83	138
14	50	115	111	151	135	154	120	159	145	149	95	139
15	48	108	110	147	139	126	130	161	145	145	97	110
16	45	114	110	122	138	46	147	159	135	141	95	95
17	53	102	109	102	147	43	129	150	89	145	95	100
18	50	112	107	97	148	91	163	150	99	120	95	90
19	74	112	57	98	150	53	154	152	99	137	100	110
20	66	101	20	36	143	104	155	144	111	133	98	110
21	53	86	14	65	127	112	154	144	109	128	104	110
22	62	91	17	147	123	148	154	144	123	120	113	110
23	58	95	17	166	129	150	151	135	133	113	118	110
24	63	115	26	161	137	126	146	143	135	116	132	100
25	62	119	42	156	135	133	146	141	130	112	137	95
26	92	115	41	152	127	129	135	138	137	113	143	95
27	98	115	17	147	142	116	145	139	147	110	139	95
28	97	111	17	143	127	144	140	140	138	105	138	95
29	103	70	61	131	—	139	139	140	137	105	144	90
30	105	70	76	130	—	111	139	139	141	103	145	100
31	110	—	55	140	—	123	—	139	—	84	120	—
Mean	69	104	67	119	130	104	128	141	132	131	106	117
Max.	110	120	111	166	150	158	163	161	152	154	145	156
Min.	45	70	14	36	58	34	76	115	89	84	66	90
A. F.	4260	6200	4110	7310	7230	6420	7610	8670	7830	8030	6540	6990

Water returned \$1200 A. F.

BUREAU OF IRRIGATION

579

GRAF DIVERSION							
From Day	Blue Apr.	Creek May	and June	Crescent July	Lake Aug.	—1943	Sept.
1	0	6	14	16	30	23	
2	0	12	9	11	14	25	
3	0	16	1	12	13	28	
4	0	14	4	10	18	31	
5	0	14	12	10	7	27	
6	0	12	14	10	8	20	
7	0	12	16	9	8	23	
8	0	12	19	10	10	21	
9	0	12	20	11	9	19	
10	0	11	14	9	8	21	
11	0	9	11	11	6	23	
12	0	7	12	11	9	23	
13	0	6	10	11	12	25	
14	0	9	3	14	15	31	
15	0	21	9	9	12	27	
16	0	23	13	11	9	25	
17	0	8	12	17	12	24	
18	0	4	11	22	16	24	
19	0	15	10	15	17	27	
20	0	14	9	16	22	25	
21	0	17	8	14	17	25	
22	0	16	7	11	14	23	
23	0	16	9	13	16	19	
24	0	18	11	9	11	22	
25	0	19	9	9	0	24	
26	0	14	6	8	0	23	
27	3	11	4	9	0	13	
28	5	12	4	16	4	9	
29	6	13	12	23	21	13	
30	6	15	12	29	22	20	
31	-	12	-	31	23	-	
Mean	1	13	10	13	12	23	
Max.	6	23	20	31	30	31	
Min.	0	4	1	8	0	9	
A. F.	40	790	610	830	760	1350	

Water diverted	4380 A. F.
Acreage Reported	
D-788	1989
D-781R	15
D-703R	85
Total	2089

HOOPER DIVERSION							
From Day	Blue Oct.	Creek May	and June	Crescent July	Lake Aug.	—1943	Sept.
1	13	0	11	11	9	11	
2	13	0	12	11	8	11	
3	13	0	12	12	12	11	
4	13	0	13	11	10	12	
5	13	0	15	10	7	12	
6	13	0	12	12	11	12	
7	13	5	12	13	12	11	
8	12	14	10	12	10	10	
9	12	15	11	13	11	10	
10	11	15	3	13	11	10	
11	11	13	2	14	10	10	
12	10	15	3	11	9	10	
13	10	16	6	12	9	10	
14	10	16	5	11	10	10	
15	10	13	4	12	9	10	
16	10	13	3	12	10	10	
17	10	10	4	11	11	10	
18	10	11	4	11	10	11	
19	10	11	4	9	11	11	
20	10	8	6	11	11	12	
21	10	16	7	12	11	12	
22	10	14	5	12	11	12	
23	10	15	12	12	11	13	
24	10	14	12	8	11	15	
25	10	14	14	10	11	16	
26	0	15	15	9	11	14	
27	0	13	13	9	10	14	
28	0	13	11	10	11	13	
29	0	10	7	12	11	11	
30	0	11	10	10	11	10	
31	0	13	-	10	11	-	
Mean	9	10	9	11	10	11	
Max.	13	16	15	14	12	16	
Min.	0	0	2	8	7	10	
A. F.	550	640	510	690	640	680	
Water diverted	3710 A. F.						
Acreage Reported							
D-781						858	
D-788R						19	
Total						877	

HURLY-LILLY-POLLY DIVERSION							
From Day	Lodgepole May	Creek June	—1943	July	Aug.	Sept.	
1	0	4	2	3	3	0	
2	0	4	2	3	3	4	
3	0	3	2	4	4	4	
4	0	3	2	4	4	4	
5	1	3	2	4	4	4	
6	0	3	1	4	4	4	
7	0	3	1	4	4	4	
8	0	3	0	4	4	4	
9	3	3	0	4	4	4	
10	2	3	0	5	5	4	
11	2	3	0	5	4	4	
12	3	4	0	5	4	4	
13	3	3	0	5	4	4	
14	3	3	0	5	4	4	
15	4	4	0	5	4	4	
16	3	4	0	5	4	4	
17	0	4	2	5	4	4	
18	0	4	4	5	4	4	
19	0	3	2	5	4	4	
20	0	3	2	5	4	4	
21	0	3	2	4	4	4	
22	0	2	2	4	4	4	
23	0	2	2	4	4	4	
24	0	2	2	4	4	4	
25	0	2	3	4	4	4	
26	0	2	3	4	4	4	
27	0	2	3	4	4	4	
28	3	2	3	4	4	4	
29	0	2	3	4	4	4	
30	1	2	3	4	4	4	
31	4	-	3	4	-	-	
Mean	1	3	2	4	4	4	
Max.	4	4	4	5	4	4	
Min.	0	2	0	3	0	0	
A. F.	65	175	101	264	230		
Water diverted	835 A. F.						
Acreage Reported							
D-354						180	

REPORT OF THE STATE ENGINEER

INTERSTATE DIVERSION
From North Platte River—1943

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	950	0	1050	926	1860	1990	2000
2	950	557	1050	902	1880	1990	1970
3	912	538	1090	897	1920	1980	1950
4	650	848	1080	895	1910	1980	1910
5	290	848	1100	900	1880	1980	1820
6	0	852	1100	902	1880	2000	1760
7	0	852	1100	904	1890	2000	1740
8	0	854	1110	904	1930	2000	1680
9	0	875	1020	904	1950	2000	1600
10	0	938	873	907	1950	2000	1590
11	0	959	835	907	1960	2000	1540
12	0	968	815	904	1960	2000	1450
13	0	990	897	907	1960	2000	1410
14	0	1000	974	910	1970	2000	1410
15	0	1000	1000	910	1980	2000	1400
16	0	1000	1000	910	1970	2000	1370
17	0	999	1010	912	1970	2000	1320
18	0	999	894	912	1970	2000	1320
19	0	999	804	917	1970	2000	1320
20	0	999	770	920	1970	2000	1300
21	0	996	768	990	1980	2000	1230
22	0	1000	754	1130	1980	2000	1200
23	0	1000	730	1260	1980	2000	1220
24	0	1000	729	1370	1980	2000	1200
25	0	1000	760	1600	1980	2000	1130
26	0	1000	776	1820	1980	2000	1080
27	0	1000	778	1850	1980	2000	1050
28	0	1010	852	1840	1980	2000	1080
29	0	1040	875	1850	1980	2000	870
30	0	1030	921	1860	1990	2000	420
31	0	-----	926	-----	1990	2000	-----
Mean	750	918	921	1124	1952	1997	1412
Max.	950	1040	1110	1860	1990	2000	2000
Min.	0	0	729	895	1860	1980	420
A. F.	7440	54450	56610	66880	120060	122820	84040

Water diverted 512300 A. F.
Acreage Reported
A-768 *16500
†95300

Total 111800
*In Wyoming.
†In Nebraska.

KEARNEY DIVERSION
From Platte River, Buffalo, and Elm Creeks—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	321	315	124	190	190	110	277	316	274	285	162	29
2	324	325	125	160	210	53	313	309	318	230	175	56
3	322	334	170	110	230	106	294	298	291	179	223	37
4	313	333	178	80	200	80	265	307	324	166	246	63
5	302	339	237	150	200	46	218	318	295	164	243	73
6	329	337	162	110	180	59	355	306	299	280	205	37
7	322	335	208	135	180	110	332	292	325	277	237	37
8	324	349	289	180	180	146	381	289	283	200	326	25
9	308	332	155	180	180	126	334	282	309	101	358	12
10	298	311	217	210	100	156	339	265	214	95	377	9
11	321	332	240	225	110	140	238	235	160	125	366	26
12	296	345	224	210	140	147	272	256	311	180	298	38
13	304	320	> 179	250	140	140	291	256	306	180	205	31
14	283	248	113	250	140	119	294	255	64	140	128	34
15	278	283	222	240	140	80	296	230	44	120	109	30
16	292	316	265	190	140	88	291	210	89	140	114	119
17	359	208	246	67	200	55	282	126	102	110	114	60
18	256	325	269	64	200	82	260	322	202	100	132	259
19	159	308	204	108	210	119	265	315	277	102	126	228
20	261	269	153	104	210	142	277	289	291	118	141	107
21	311	268	174	53	240	159	280	312	280	101	132	101
22	281	244	146	90	290	220	289	320	298	98	117	103
23	290	102	155	128	200	169	287	325	302	85	115	106
24	306	276	186	151	260	224	299	318	306	61	114	119
25	326	325	234	125	200	278	304	345	300	54	136	146
26	318	310	218	86	260	289	317	333	303	67	122	150
27	330	320	198	130	240	264	320	333	253	135	106	149
28	321	250	92	120	250	235	322	333	151	116	94	151
29	321	160	126	160	-----	210	313	329	239	96	53	182
30	325	140	139	200	-----	234	315	313	302	124	74	230
31	308	-----	169	200	-----	215	-----	300	-----	161	40	-----
Mean	304	287	183	151	194	149	297	292	251	142	174	92
Max.	359	349	289	250	290	289	384	345	325	285	377	259
Min.	159	100	92	80	100	46	218	126	44	54	40	9
A. F.	18660	17060	11540	9310	10750	9140	17690	17980	14950	8710	10690	5450

Water diverted 151930 A. F.
D-1023.

BUREAU OF IRRIGATION

581

KEARNEY POWER RETURN
To Platte River—Sec. 12-S-16 W.—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	297	292	116	182	183	190	255	306	232	251	146	16
2	293	280	98	155	204	50	293	311	311	198	160	12
3	309	288	112	101	227	78	290	285	285	248	180	0
4	300	288	126	73	186	80	255	295	309	195	180	0
5	281	288	216	144	189	55	200	322	268	79	198	0
6	313	299	154	105	169	58	273	308	260	235	161	0
7	292	283	137	126	173	101	283	309	299	232	172	0
8	315	296	201	172	168	146	326	326	266	175	239	0
9	290	280	172	173	163	134	326	309	275	88	276	0
10	288	270	177	198	95	143	297	275	317	66	290	0
11	293	317	210	215	113	157	208	270	221	121	290	0
12	251	288	232	198	128	148	221	270	299	151	255	0
13	189	216	215	245	136	183	268,	280	285	144	179	0
14	60	242	138	239	134	136	270	299	164	117	119	0
15	250	317	201	232	134	133	273	250	58	99	97	0
16	256	184	224	183	190	73	276	240	76	112	20	50
17	304	281	229	50	189	85	297	124	107	92	35	30
18	222	306	245	50	204	87	302	275	169	70	75	159
19	120	290	192	80	204	61	302	306	266	80	77	169
20	101	266	148	100	231	125	270	275	283	90	74	101
21	183	270	150	90	283	155	268	297	278	81	75	163
22	283	104	144	60	189	144	275	306	248	78	74	109
23	250	122	154	120	242	242	237	271	317	259	70	57
24	263	281	180	160	239	190	261	250	263	40	44	105
25	266	292	235	100	182	258	290	253	237	40	59	123
26	290	299	210	94	245	283	302	278	259	50	47	132
27	313	306	63	125	232	268	299	292	258	108	43	148
28	306	245	123	112	240	243	300	288	183	104	36	154
29	300	82	82	151	—	212	306	292	135	108	18	166
30	308	125	107	194	—	226	306	278	240	123	38	200
31	288	—	169	196	—	201	—	247	—	144	10	—
Mean	260	257	166	135	189	150	279	282	237	122	120	63
Max.	313	317	235	245	283	283	326	326	317	251	290	200
Min.	60	82	63	40	95	50	200	124	58	40	10	0
A. F.	16010	15260	10230	8770	10480	9200	16590	17320	14100	7520	7390	3760

Water returned 136630 A. F.
D-1023.

KEITH-LINCOLN COUNTY
DIVERSION

From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	53	57	0	86
2	0	57	57	0	77
3	0	64	55	0	55
4	0	65	53	0	34
5	0	65	53	0	0
6	0	64	53	0	0
7	0	62	53	43	0
8	0	61	58	67	0
9	0	67	64	65	0
10	0	68	65	69	0
11	0	67	69	75	0
12	0	68	67	77	30
13	0	57	64	76	51
14	0	0	69	76	50
15	0	0	68	75	54
16	0	0	69	76	43
17	0	0	69	81	42
18	0	0	15	94	43
19	0	0	70	112	42
20	21	11	48	109	40
21	50	16	51	107	38
22	65	19	50	100	35
23	71	33	51	85	27
24	47	29	0	85	28
25	40	18	0	78	37
26	57	33	0	68	51
27	43	33	0	53	53
28	49	53	0	69	53
29	49	63	0	72	55
30	49	53	0	85	58
31	50	—	0	93	—
Mean	19	39	43	64	36
Max.	71	68	70	112	86
Min.	0	0	0	0	0
A. F.	1170	2350	2640	3960	2140

Water diverted 12260 A. F.
Acreage Reported D-722 6010

KIMBALL DIVERSION, NORTH
From Lodgepole Creek and Oliver
Reservoir—1943

Day	May	June	July	Aug.	Sept.
1	1	0	0	10	9
2	1	1	0	13	0
3	0	1	0	12	0
4	0	1	0	11	0
5	0	1	10	12	0
6	0	1	10	11	0
7	0	1	11	11	0
8	0	1	11	11	0
9	0	1	8	11	0
10	0	1	7	11	0
11	0	1	12	11	0
12	0	1	13	11	0
13	0	1	13	10	0
14	0	1	12	9	0
15	0	1	13	7	0
16	0	2	13	0	0
17	0	0	13	0	0
18	0	0	13	0	0
19	0	0	14	0	0
20	0	0	14	0	6
21	0	0	14	0	8
22	0	0	15	0	7
23	0	0	14	0	7
24	0	0	14	0	7
25	0	0	13	0	5
26	0	0	13	0	0
27	0	0	14	8	0
28	0	0	14	8	0
29	0	0	14	10	0
30	0	0	14	9	0
31	0	—	14	9	—
Mean	0.06	0.5	11	7	1
Max.	1.00	1.0	15	13	9
Min.	.00	.0	0	0	0
A. F.	4.00	28.0	670	410	97

Water diverted 1209 A. F.
Acreage Reported A-397 1130

KIMBALL DIVERSION, SOUTH
From Lodgepole Creek and Oliver
Reservoir—1943

Day	May	June	July	Aug.	Sept.
1	0	1	28	31	16
2	0	0	28	29	20
3	0	0	30	32	16
4	0	0	32	28	2
5	0	0	22	32	0
6	0	0	22	31	0
7	0	0	24	32	0
8	0	0	28	32	0
9	0	0	32	32	0
10	0	0	31	31	0
11	0	6	24	31	0
12	0	0	24	31	0
13	0	0	21	31	0
14	0	0	21	23	0
15	0	0	23	10	0
16	0	0	24	0	0
17	0	0	25	0	0
19	0	0	26	0	19
18	0	0	24	0	0
20	0	0	27	0	21
21	0	0	27	0	26
22	0	0	29	0	25
23	0	0	29	0	25
24	0	0	29	0	22
25	0	0	29	0	18
27	0	18	31	28	0
28	0	26	32	29	0
29	1	28	32	29	0
30	1	28	32	29	0
31	1	---	31	30	-
26	0	0	30	22	5
Mean	0.1	3	27	19	7
Max.	1.0	28	32	32	26
Min.	0	0	21	0	0
A. F.	6.0	200	1680	1200	430

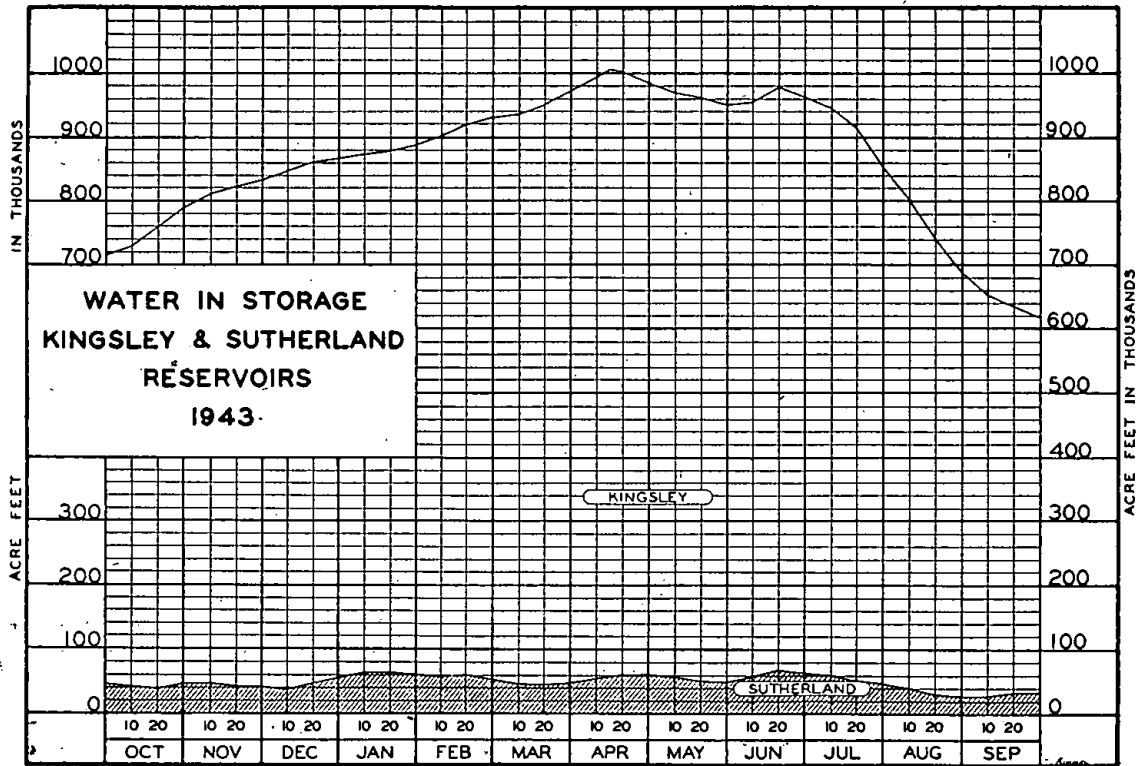
Water diverted 3516 A. F.
Acreage Reported
A-897 3320

KINGSLEY STORAGE RESERVOIR

Daily Contents in Acre-feet—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	671954	745959	794537	\$14191	\$29770	\$78872	927223	921195	900429	\$99832	\$01951	653611
2	674571	747846	797500	\$14859	\$31995	\$78872	927223	919299	\$98833	\$97835	796387	649417
3	675880	749683	799726	\$16417	\$33108	\$80868	929308	916797	900829	\$96837	791478	645177
4	677461	751520	\$01951	\$15971	\$36447	\$80868	931393	914901	\$98833	\$94840	786764	642634
5	679804	755193	\$04177	\$13959	\$35334	\$80868	932435	915200	\$98433	\$94840	782835	638444
6	681551	757030	\$06402	\$15904	\$37559	\$82864	933478	914801	\$98833	\$91846	778907	635851
7	682424	757867	\$08628	\$13969	\$30525	\$82864	935563	913806	\$98833	\$89850	774193	630764
8	685039	760245	\$10853	\$13524	\$40508	\$82864	933521	912805	\$98833	\$88852	760480	628220
9	686736	764040	\$09740	\$13079	\$43457	\$84860	933690	912805	\$82834	\$88858	765551	626576
10	687659	764030	\$09073	\$13079	\$41491	\$86856	941818	911805	\$98234	\$84860	761623	623951
11	692060	765561	\$10853	\$15971	\$41491	\$89350	943903	910206	\$98234	\$82864	757031	622235
12	695613	767122	\$11966	\$16994	\$41491	\$92844	945988	903811	\$99232	\$80868	752439	619764
13	696613	770122	\$13524	\$18642	\$41491	\$97835	948074	908813	\$99631	\$78472	747346	617290
14	698156	770265	\$14859	\$19755	\$42479	901827	949116	907797	902825	\$74910	742335	614815
15	701156	771239	\$15971	\$20868	\$47388	904821	948074	908214	904821	\$71567	736824	612341
16	704040	772684	\$16639	\$24206	\$50337	906817	947031	907415	906419	\$70978	730396	610691
17	712569	774771	\$16862	\$23093	\$52696	906817	943938	907815	906819	\$68030	726722	609042
18	713354	775765	\$15749	\$19755	\$53286	906817	944945	908214	906817	\$67047	721337	606743
19	713453	777336	\$14636	\$22204	\$56335	906817	943903	907815	907815	\$65081	716015	604092
20	721701	778907	\$14859	\$16244	\$59133	908813	941818	908813	908811	\$61532	710693	601613
21	722224	780479	\$14191	\$11966	\$61149	908813	941818	908413	906811	\$57216	705370	599144
22	723898	782050	\$15749	\$12633	\$64008	910809	940776	908413	908811	\$52303	700048	597495
23	724899	782050	\$14636	\$13079	\$65064	915799	938690	908813	908811	\$48371	694726	595845
24	730574	782730	\$14191	\$15304	\$68424	918882	936655	909311	908811	\$43043	688531	594195
25	731264	786764	\$13746	\$13079	\$70388	922009	935563	907815	908811	\$39525	684169	592546
26	733151	787549	\$14191	\$17530	\$72944	923052	933478	906817	908813	\$34221	678934	590836
27	734989	788806	\$13746	\$19755	\$74910	924094	932435	906817	908014	\$28657	674571	589247
28	736775	790692	\$11298	\$21981	\$76876	925137	928265	906819	907815	\$23093	671081	587597
29	738202	792578	\$09740	\$24206	-----	925137	926695	904222	904821	\$17530	666719	585971
30	742335	793716	\$10185	\$26432	-----	926180	924094	903323	901827	\$13079	662256	584345
31	744172	-----	\$11743	\$28657	-----	926180	-----	901809	-----	\$07515	658866	-----

A-2374.



REPORT OF THE STATE ENGINEER

KINNEY DIVERSION NO. 1, SOUTH
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	0	3	4	3
2	0	0	2	4	3
3	0	0	3	4	3
4	0	0	3	4	3
5	0	0	3	4	3
6	0	0	3	4	3
7	0	0	3	4	2
8	0	0	3	4	2
9	0	0	3	4	2
10	0	0	3	4	2
11	0	0	3	4	2
12	0	0	3	5	2
13	0	2	3	5	2
14	0	3	3	5	2
15	0	3	3	5	2
16	0	3	4	4	2
17	0	2	4	3	2
18	0	3	4	2	2
19	0	3	4	2	2
20	0	3	4	2	4
21	0	3	4	2	2
22	0	3	4	2	3
23	0	3	3	2	3
24	0	2	3	2	3
25	0	3	3	2	3
26	0	2	3	2	3
27	0	2	3	2	3
28	0	2	3	2	3
29	0	2	4	2	3
30	0	2	4	2	3
31	0	—	4	2	—
Mean	0	1	3	3	3
Max.	0	3	4	5	4
Min.	0	0	2	2	2
A. F.	0	91	202	196	153

Water diverted 642 A. F.
 Acreage Reported
 D-345 135
 D-350 40
 A-718 30
 Total 205

KINNEY DIVERSION NO. 2, NORTH
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	2	0
3	0	0	0	2	0
4	0	0	0	2	0
5	0	0	0	2	0
6	0	0	0	2	0
7	0	0	0	2	0
8	0	1	0	2	0
9	0	1	0	2	0
10	0	1	1	2	0
11	0	1	1	2	0
12	0	1	1	2	0
13	0	0	2	2	0
14	0	0	2	2	0
15	0	1	2	2	0
16	0	1	2	2	0
17	0	1	2	2	0
18	0	1	2	1	0
19	0	0	2	1	0
20	0	0	2	1	0
21	0	1	2	1	0
22	0	1	2	1	0
23	0	0	2	1	0
24	0	0	2	2	0
25	0	0	2	2	0
26	0	0	2	0	0
27	0	0	2	0	0
28	0	0	2	0	0
29	0	0	2	0	0
30	0	0	2	0	0
31	0	—	2	0	—
Mean	0	0.3	2	2	0
Max.	0	1.0	2	2	0
Min.	0	.0	0	0	0
A. F.	0	22	80	87	0
Water diverted	189 A. F.		Acreage Reported		
			D-348 182		
			A-718 25		
			Total 207		

LAST CHANCE DIVERSION
From Pumpkinseed Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	6	5	5	7
2	0	6	5	5	7
3	0	6	2	8	7
4	0	7	0	9	6
5	4	6	0	9	6
6	8	6	2	9	6
7	8	6	6	6	6
8	9	6	7	0	6
9	9	6	6	0	6
10	9	5	8	0	6
11	8	2	8	0	6
12	14	2	8	0	6
13	0	3	8	0	5
14	0	8	8	0	5
15	0	8	8	0	3
16	0	7	8	0	6
17	0	6	8	0	6
18	0	0	8	0	6
19	0	0	8	0	7
20	0	0	8	0	6
21	0	3	8	0	7
22	0	3	9	0	7
23	0	4	8	0	7
24	0	4	8	0	8
25	0	4	8	4	8
26	0	4	8	6	8
27	0	4	6	2	7
28	0	3	2	3	7
29	3	5	2	6	5
30	9	6	5	7	8
31	7	—	5	7	—
Mean	3	4	6	3	6
Max.	14	8	9	9	8
Min.	0	0	0	0	3
A. F.	175	265	375	170	375
Water diverted	1360 A. F.		Acreage Reported		
			D-353 405		

LISCO DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	0	30	26	22
2	0	0	26	27	24
3	0	0	24	31	22
4	0	0	24	34	24
5	0	0	24	27	19
6	1	0	26	21	15
7	0	0	27	20	14
8	0	0	29	21	21
9	0	0	29	27	22
10	15	0	29	30	22
11	7	10	27	29	22
12	0	14	26	29	20
13	12	10	34	29	21
14	16	13	35	29	22
15	14	18	29	26	19
16	10	14	31	26	14
17	0	16	28	25	18
18	0	22	0	22	22
19	0	22	5	27	19
20	0	21	15	31	12
21	0	22	14	29	18
22	0	20	13	15	19
23	0	22	16	20	18
24	0	19	12	22	19
25	0	25	19	18	18
26	0	34	25	18	18
27	0	35	29	20	19
28	0	38	30	24	25
29	0	34	31	24	25
30	0	30	29	26	22
31	0	--	26	25	--
Mean	2	15	24	25	20
Max.	16	38	35	34	25
Min.	0	0	0	15	12
A. F.	150	870	1470	1540	1180

Water diverted	5210 A. F.
Acreeage Reported	
D-787	1268
D-856	1391
A-243R	635
A-991	216
Total	3510

LISCO FEEDER
From Coldwater Creek—1943

Day	May	June	July	Aug.	Sept.
1	3	3	2	3	3
2	3	3	2	3	3
3	3	3	2	3	3
4	3	3	2	3	3
5	3	3	3	3	3
6	3	3	3	3	3
7	3	3	3	3	3
8	3	0	3	3	3
9	3	0	3	3	3
10	3	0	3	4	3
11	3	4	3	4	3
12	3	4	3	4	3
13	3	4	3	4	3
14	3	4	3	4	3
15	3	3	3	4	3
16	3	3	3	4	3
17	3	3	3	4	3
18	3	3	3	4	3
19	3	3	3	4	3
20	3	3	3	4	3
21	3	2	3	4	3
22	3	2	3	4	3
23	3	2	3	4	3
24	3	2	3	4	3
25	3	2	3	3	3
26	3	2	3	3	3
27	3	2	3	3	3
28	3	2	3	3	3
29	3	2	3	3	3
30	3	2	3	3	3
31	3	--	3	3	--
Mean	3	3	3	4	3
Max.	3	4	3	4	3
Min.	3	0	2	3	3
A. F.	184	149	177	214	178
Water diverted	902 A. F.				
Acreeage Reported					
D-796					300

LYONS DIVERSION
From North Platte River—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	2	8	14
2	0	0	0	1	8	14
3	0	0	0	4	10	16
4	0	0	0	3	10	18
5	0	0	0	2	13	18
6	0	0	0	1	10	20
7	0	0	0	2	16	19
8	0	0	0	6	14	19
9	0	0	0	5	12	14
10	0	0	0	5	12	16
11	0	0	0	3	11	17
12	0	0	0	4	9	14
13	0	0	0	8	8	12
14	0	0	0	13	7	13
15	0	0	0	9	6	12
16	0	0	9	9	6	11
17	0	0	14	10	6	10
18	0	0	13	17	6	11
19	0	0	10	17	5	14
20	0	0	6	17	6	16
21	0	0	10	16	11	17
22	0	0	4	16	13	17
23	0	0	3	7	16	14
24	0	0	3	16	15	13
25	0	0	3	16	3	13
26	0	0	2	9	0	15
27	0	0	3	7	0	16
28	0	0	3	9	0	16
29	0	0	2	10	0	14
30	0	0	2	12	4	12
31	0	0	--	9	14	--
Mean	0	0	3	9	8	15
Max.	3	0	14	17	16	20
Min.	0	0	0	1	0	10
A. F.	5	0	175	525	515	880
Water diverted	2100 A. F.					
Acreeage Reported						
D-803						2246

REPORT OF THE STATE ENGINEER

McINTOSH DIVERSION From Lodgepole Creek—1943					
Day	May	June	July	Aug.	Sept.
1	0	0	1	1	0
2	0	0	1	1	0
3	0	0	1	1	0
4	0	0	1	1	1
5	0	0	1	1	0
6	0	0	0	1	0
7	0	0	1	1	0
8	0	0	2	1	0
9	0	0	2	1	0
10	0	0	2	1	0
11	0	0	2	1	0
12	0	0	2	1	0
13	0	0	2	1	0
14	0	0	2	1	0
15	0	0	2	1	0
16	0	0	2	1	0
17	0	0	2	1	0
18	0	0	2	1	0
19	0	2	2	1	0
20	0	2	1	1	0
21	0	2	1	1	0
22	0	2	1	1	0
23	0	2	1	1	0
24	0	1	1	1	0
25	0	1	1	1	0
26	0	1	1	0	0
27	0	1	1	0	0
28	0	1	1	0	0
29	0	1	1	0	0
30	0	1	1	0	0
31	0	—	1	0	—
Mean	0	0.6	1	0.8	0
Max.	0	2.0	2	1.0	0
Min.	0	0	0	0	0
A. F.	0	34.0	81	50.0	0
Water diverted	165 A. F.		Acreage Reported		
			D-351	176	
			A-734	122	
			Total	298	

MEREDITH-AMMER DIVERSION From Pumpkinseed Creek—1943					
Day	May	June	July	Aug.	Sept.
1	0	6	7	6	5
2	0	0	6	6	4
3	0	0	0	6	4
4	0	2	0	5	5
5	3	3	5	5	5
6	3	3	5	5	4
7	2	3	8	6	4
8	2	3	7	6	4
9	2	3	8	6	4
10	2	2	8	6	3
11	1	0	7	9	3
12	4	1	7	5	5
13	6	2	3	7	4
14	5	0	1	6	4
15	10	0	1	5	1
16	10	0	0	5	2
17	10	0	3	5	2
18	10	2	3	5	2
19	10	0	3	5	1
20	10	2	2	5	1
21	10	3	2	5	1
22	9	2	4	5	1
23	9	2	4	5	1
24	9	3	0	5	1
25	9	3	6	5	0
26	9	3	6	5	0
27	11	2	6	4	4
28	11	2	6	5	4
29	10	3	6	5	4
30	7	2	6	5	4
31	—	—	6	5	—
Mean	6	2	4	5	3
Max.	11	6	8	9	5
Min.	0	0	0	4	0
A. F.	380	110	270	330	170
Water diverted	1260 A. F.		Acreage Reported		
			D-876	981	

MIDDLE LOUP DISTRICT DIVERSION NO. 1 From Middle Loup River—1943					
Day	May	June	July	Aug.	Sept.
1	0	16	18	35	29
2	0	15	16	37	28
3	5	18	16	37	29
4	11	17	16	36	27
5	12	14	15	31	24
6	14	18	15	31	21
7	13	18	16	30	16
8	16	20	15	31	13
9	18	19	16	30	13
10	18	21	18	31	13
11	18	24	18	29	13
12	20	21	17	29	14
13	19	21	18	29	14
14	20	19	20	30	14
15	20	18	19	30	13
16	21	13	25	32	12
17	21	14	33	30	10
18	20	14	31	33	11
19	14	14	30	31	10
20	20	14	29	29	10
21	22	14	28	27	10
22	22	17	30	30	11
23	22	22	34	30	10
24	25	19	34	33	0
25	21	17	36	31	0
26	15	19	36	31	0
27	13	20	34	25	0
28	10	20	34	24	0
29	12	17	37	29	0
30	17	19	36	30	0
31	18	—	37	31	—
Mean	16	17	25	31	12
Max.	25	22	37	37	29
Min.	0	13	15	24	0
A. F.	985	1045	1540	1890	725
Water diverted	6185 A. F.		Acreage Reported		
			A-2293	2748	
			A-2678	117	
			Total	2865	

MIDDLE LOUP DISTRICT DIVERSION NO. 2 From Middle Loup River—1943					
Day	Oct.	Nov.	Dec.	Jan.	Feb.
1	0	0	27	21	48
2	0	0	26	17	50
3	0	0	27	16	51
4	0	5	28	18	50
5	0	14	26	13	51
6	0	20	25	12	49
7	0	18	24	12	45
8	0	18	27	16	42
9	0	20	26	18	45
10	0	17	27	21	45
11	0	16	28	21	45
12	0	23	26	22	45
13	0	17	26	25	45
14	0	10	21	30	45
15	10	20	18	30	43
16	16	20	6	32	44
17	22	15	0	41	45
18	18	18	0	41	45
19	17	15	0	45	46
20	16	14	0	50	46
21	13	15	6	51	44
22	9	20	25	51	44
23	3	21	26	51	42
24	0	25	31	48	42
25	0	24	33	46	44
26	0	17	31	46	44
27	0	16	31	46	25
28	0	19	31	45	15
29	0	22	29	47	35
30	0	25	26	51	38
31	0	26	—	53	36
Mean	4	16	22	33	43
Max.	22	26	33	53	51
Min.	0	0	0	12	15
A. F.	250	1010	1300	2050	2650
Water diverted	8200 A. F.		Acreage Reported		
			A-2293	3079	
			A-2678	342	
			Total	3421	

BUREAU OF IRRIGATION

MIDDLE LOUP DISTRICT
DIVERSION NO. 3
From Middle Loup River—1943

Day	Apr.	May	June	July	Aug.	Sept.
1	0	20	47	52	70	69
2	0	22	46	43	72	62
3	0	23	49	3	71	62
4	0	23	54	0	71	58
5	0	25	55	0	72	52
6	0	38	54	0	76	51
7	0	39	46	0	76	43
8	0	39	48	0	70	39
9	0	37	46	0	70	39
10	0	37	48	0	68	37
11	0	32	46	8	68	24
12	0	44	35	32	72	7
13	0	36	19	33	72	9
14	0	22	7	44	72	15
15	0	35	0	29	66	26
16	0	39	0	75	63	35
17	0	36	0	76	60	36
18	0	30	0	74	56	33
19	0	24	0	74	54	35
20	0	32	0	81	69	35
21	0	37	5	40	84	29
22	0	37	21	76	83	26
23	0	38	36	75	81	35
24	0	33	51	74	80	35
25	0	25	47	80	77	31
26	0	28	49	86	82	31
27	0	30	51	86	75	28
28	0	29	56	81	76	28
29	11	30	52	73	75	33
30	24	38	54	70	73	32
31	---	46	---	71	75	---
Mean	1	32	34	46	72	36
Max.	24	46	56	86	84	69
Min.	0	20	0	0	54	7
A. F.	70	1900	2030	2850	4420	2130

Water diverted	13490 A. F.
Acres Reported	
A-2293	6694
A-2678	339
Total	7033

MIDDLE LOUP DISTRICT DIVERSION NO. 4
From Middle Loup River—1943

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	43	0	28	55	64	79	81
2	43	0	30	57	61	73	74
3	42	0	29	62	37	76	73
4	40	0	29	61	7	74	67
5	40	0	34	57	3	79	54
6	40	0	52	59	3	84	57
7	42	0	64	68	3	83	45
8	41	0	39	59	3	81	39
9	41	0	44	55	21	84	38
10	41	0	40	55	48	82	38
11	43	0	33	57	48	82	22
12	43	0	52	50	46	83	16
13	50	0	50	50	44	83	20
14	40	0	50	38	45	82	22
15	37	0	50	21	45	80	20
16	35	0	48	18	44	79	28
17	37	0	41	16	44	79	29
18	38	0	44	0	43	81	29
19	38	0	37	0	41	80	33
20	40	0	38	0	45	79	36
21	15	0	35	0	49	77	36
22	0	0	35	0	47	80	32
23	0	0	27	0	46	82	39
24	0	0	38	30	47	83	45
25	0	0	41	41	53	85	46
26	0	0	42	53	63	88	46
27	0	0	44	64	76	87	46
28	0	0	45	71	76	84	45
29	0	9	47	64	72	82	45
30	0	27	49	64	69	80	45
31	0	---	51	---	70	81	---
Mean	27	1	41	40	44	81	42
Max.	50	27	54	71	76	88	81
Min.	0	0	27	0	3	73	16
A. F.	1640	70	2530	2410	2720	4980	2490

Water diverted	15200 A. F.
Acres Reported	
A-2293	7165
A-2678	134
Total	7349

MIDLAND-OVERLAND DIVERSION

Day	From North Platte River—1943				
	Oct.	May	June	July	Aug. Sept.
1	7	0	3	10	15
2	7	0	4	8	15
3	7	0	4	14	8
4	7	0	4	7	8
5	6	0	5	5	13
6	6	0	8	2	12
7	6	0	7	2	13
8	6	0	8	1	11
9	6	6	7	1	9
10	6	8	4	3	8
11	6	8	3	1	7
12	6	11	12	1	5
13	6	8	12	0	4
14	6	7	12	10	4
15	6	8	12	15	0
16	6	6	6	13	0
17	0	7	6	15	0
18	0	8	5	19	1
19	0	7	6	13	8
20	0	10	4	13	8
21	0	12	4	11	8
22	0	5	6	10	10
23	0	3	4	10	11
24	0	3	3	12	8
25	0	3	2	17	4
26	0	5	2	17	0
27	0	5	10	16	0
28	0	5	10	17	0
29	0	5	10	16	13
30	0	5	10	15	14
31	0	6	—	14	15
Mean	3	5	6	10	7
Max.	7	12	12	19	15
Min.	0	0	2	0	0
A. F.	200	300	380	610	440
Water diverted	2470	A. F.		Acreege Reported	
				D-789	847
				D-791	961
				Total	1808

MINATARE DIVERSION

Day	From North Platte River—1943				
	May	June	July	Aug.	Sept.
1	0	56	78	89	63
2	0	43	76	87	43
3	0	31	75	86	61
4	0	31	77	88	63
5	0	32	70	88	49
6	0	29	65	77	51
7	0	39	67	75	48
8	0	46	79	83	45
9	0	45	90	80	46
10	0	42	98	83	46
11	0	39	89	86	46
12	0	41	86	87	44
13	26	43	87	93	43
14	43	39	84	93	44
15	21	39	86	93	49
16	37	37	83	92	51
17	0	39	86	90	51
18	0	47	88	88	53
19	27	43	88	81	48
20	23	18	83	82	39
21	23	39	83	78	35
22	20	49	90	77	47
23	20	65	83	73	51
24	35	86	75	79	50
25	36	83	75	89	48
26	35	76	81	73	45
27	43	67	92	79	45
28	39	70	93	85	51
29	41	72	88	82	46
30	55	76	87	80	39
31	56	—	86	80	—
Mean	19	49	83	84	48
Max.	56	86	98	93	63
Min.	0	18	65	73	43
A. F.	1150	2900	5090	5150	2860
Water diverted	17150	A. F.		Acreege Reported	
				D-919	7674

MITCHELL DIVERSION
From North Platte River—1943

Day	From North Platte River—1943				
	May	June	July	Aug.	Sept.
1	0	135	148	203	196
2	0	135	151	203	203
3	0	132	175	206	201
4	0	124	175	203	195
5	0	115	182	201	185
6	0	114	195	199	180
7	31	112	190	198	179
8	91	112	201	195	168
9	86	115	195	189	163
10	81	115	195	185	162
11	91	114	193	185	163
12	87	103	193	190	162
13	97	98	195	190	160
14	103	84	193	208	160
15	99	80	190	199	156
16	97	72	185	203	138
17	107	64	187	203	126
18	112	66	187	201	30
19	118	55	190	198	0
20	128	60	188	198	0
21	128	63	187	198	0
22	131	74	198	196	0
23	129	88	193	195	0
24	125	94	196	196	0
25	122	110	195	198	0
26	122	136	196	198	0
27	119	131	201	198	0
28	124	138	206	196	0
29	129	139	204	196	0
30	128	144	203	196	0
31	126	—	201	195	—
Mean	87	104	190	197	98
Max.	129	144	206	208	203
Min.	0	55	148	195	0
A. F.	5380	6190	11700	12140	5810
Water diverted	41220	A. F.		Acreege Reported	
				D-1052	13602

NINE MILE DIVERSION
From North Platte River—1943

Day	From North Platte River—1943				
	May	June	July	Aug.	Sept.
1	0	70	74	81	81
2	0	73	77	81	82
3	0	71	80	77	82
4	0	71	82	77	83
5	0	68	80	79	84
6	0	69	79	76	82
7	0	71	69	73	79
8	0	75	54	73	79
9	0	75	53	74	78
10	0	81	58	76	74
11	0	62	55	76	67
12	0	66	52	75	66
13	0	83	67	73	65
14	0	82	70	69	65
15	0	78	73	68	65
16	0	74	68	71	64
17	0	73	69	75	65
18	0	71	78	75	70
19	0	65	75	76	68
20	0	59	73	79	70
21	0	59	73	80	72
22	0	56	77	80	72
23	0	54	79	79	71
24	0	54	78	79	73
25	0	65	78	78	73
26	0	69	79	79	75
27	52	68	77	82	75
28	53	69	75	82	79
29	58	69	67	82	80
30	63	70	75	82	80
31	71	—	78	81	—
Mean	10	69	72	77	74
Max.	71	83	82	82	84
Min.	0	54	52	68	64
A. F.	590	4110	4410	4740	4400
Water diverted	18250	A. F.		Acreege Reported	
				D-925	5838

NORTH LOUP IRRIGATION DISTRICT
TAYLOR-ORD DIVERSION.
From North Loup River—1943

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	60	120	96	174	161
2	0	0	58	121	103	171	149
3	0	0	63	120	93	171	148
4	0	0	72	118	99	170	113
5	0	0	72	119	107	167	101
6	0	0	70	113	87	174	93
7	0	0	77	106	95	172	75
8	0	0	87	87	87	94	176
9	0	0	86	80	95	176	63
10	0	0	90	71	102	172	60
11	0	0	86	77	104	173	48
12	3	0	90	66	111	175	48
13	24	0	68	70	106	176	56
14	52	0	81	107	115	178	68
15	47	0	56	61	118	174	72
16	62	0	0	89	124	173	67
17	60	0	25	98	139	176	70
18	59	0	84	56	142	176	65
19	58	0	78	54	148	176	62
20	58	0	81	56	153	177	62
21	58	0	77	57	133	177	64
22	57	0	79	63	159	184	59
23	62	0	93	69	158	181	61
24	67	0	89	76	160	174	65
25	68	0	93	76	156	173	64
26	56	13	100	72	163	189	62
27	56	47	99	94	181	190	63
28	52	54	109	100	185	188	67
29	25	56	115	101	178	190	70
30	20	51	123	94	173	186	72
31	8	---	112	---	171	177	---
Mean	31	7	80	86	130	177	76
Max.	68	56	123	121	185	190	161
Min.	0	0	0	54	87	167	48
A. F.	1890	440	4900	5140	8030	10890	4550

Water diverted 35840 A. F.
Acreage Reported
A-2312 12739
A-2417 183
Total 12922

NORTH LOUP IRRIGATION DISTRICT
BURWELL-SUMTER DIVERSION
From North Loup River—1943

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	0	59	40	96	101	
2	0	0	57	39	97	91	
3	0	16	55	8	89	79	
4	0	57	52	2	96	15	
5	0	58	57	6	105	47	
6	0	46	62	18	105	45	
7	0	46	29	32	111	29	
8	0	46	27	36	104	16	
9	0	53	25	34	113	10	
10	21	50	24	34	117	9	
11	14	56	25	35	111	8	
12	11	51	28	40	120	8	
13	10	48	11	41	119	8	
14	8	45	9	70	114	7	
15	21	42	8	95	121	3	
16	31	38	9	94	115	13	
17	36	36	16	105	123	16	
18	32	35	33	107	119	13	
19	22	29	26	109	119	16	
20	19	42	3	105	118	16	
21	20	36	19	107	114	17	
22	20	39	18	109	115	16	
23	22	42	39	108	116	18	
24	28	52	37	109	117	16	
25	28	61	41	111	118	14	
26	26	61	35	109	115	14	
27	21	65	36	112	117	20	
28	0	72	37	110	114	27	
29	0	67	38	99	114	28	
30	0	68	35	104	110	29	
31	0	68	---	101	101	---	
Mean	13	45	32	72	112	25	
Max.	36	72	62	112	123	101	
Min.	0	0	3	2	89	3	
A. F.	770	2830	1880	4420	6370	1490	

Water diverted 18260 A. F.
Acreage Reported
A-2312 6237

REPORT OF THE STATE ENGINEER

NORTH LOUP IRRIGATION DISTRICT
ORD-NORTH LOUP DIVERSION
From North Loup River—1943

Day	Apr.	May	June	July	Aug.	Sept.
1	0	36	39	38	99	57
2	0	43	36	38	102	52
3	0	49	35	0	101	38
4	0	57	32	0	98	0
5	0	64	29	0	97	0
6	0	60	24	5	98	0
7	0	59	24	33	96	11
8	0	62	17	34	95	28
9	0	60	16	38	98	23
10	0	60	16	34	110	21
11	0	59	14	35	112	23
12	0	54	20	33	109	22
13	0	50	0	40	108	23
14	0	44	0	38	110	22
15	0	41	0	41	111	22
16	0	39	0	43	115	18
17	0	38	0	42	110	17
18	0	34	9	43	112	20
19	0	32	16	53	113	18
20	0	31	15	51	112	20
21	7	32	13	56	110	21
22	27	31	12	61	108	22
23	27	31	21	63	102	22
24	24	34	31	67	97	22
25	25	37	46	69	92	21
26	34	39	46	74	94	25
27	29	42	49	52	90	25
28	28	48	40	86	95	24
29	28	46	40	88	90	25
30	34	47	38	88	80	25
31	—	41	—	90	62	—
Mean	9	45	23	46	101	22
Max.	34	64	49	90	115	57
Min.	0	31	0	0	62	0
A. F.	520	2780	1340	2840	6200	1320

Water diverted 15000 A. F.
Acreage Reported
A-2312 6315

NORTH PLATE DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	150	147	183	155
2	0	155	158	185	166
3	129	147	150	185	166
4	88	161	145	205	174
5	82	129	132	202	166
6	99	134	137	202	158
7	99	124	150	202	140
8	76	108	153	188	164
9	68	119	164	191	161
10	70	106	142	197	155
11	97	90	127	197	127
12	97	90	124	188	134
13	95	86	134	194	147
14	95	38	142	185	129
15	76	41	145	180	134
16	62	42	137	174	164
17	66	42	129	169	161
18	84	41	150	164	147
19	99	42	147	154	124
20	115	42	166	161	150
21	137	41	194	166	150
22	147	47	188	169	150
23	127	51	147	172	150
24	132	58	106	166	150
25	164	90	110	164	150
26	169	97	129	164	147
27	174	95	132	164	145
28	177	99	153	161	147
29	185	132	188	161	150
30	164	150	191	158	145
31	166	—	191	155	—
Mean	108	92	149	178	156
Max.	185	161	194	205	174
Min.	0	38	106	154	124
A. F.	6620	5450	9140	10920	8940
Water diverted ed 41070 A. F.				Acreage Reported D-635	13402

NORTHPORT DIVERSION
From North Platte River
and Pathfinder Reservoir—1943

Day	May	June	July	Aug.	Sept.
1	0	118	122	65	111
2	0	126	119	61	117
3	0	151	109	68	82
4	0	151	119	79	81
5	0	149	119	81	85
6	0	149	120	80	33
7	0	149	119	78	94
8	0	151	116	92	89
9	0	145	116	125	94
10	23	144	114	136	83
11	121	145	116	137	61
12	115	145	117	128	38
13	98	144	115	135	16
14	94	139	110	137	0
15	101	142	107	134	0
16	115	200	127	136	0
17	99	179	119	136	2
18	117	176	118	130	12
19	138	151	106	116	37
20	131	102	75	115	0
21	101	54	84	129	0
22	78	42	80	130	0
23	71	104	106	127	0
24	40	128	124	102	0
25	36	127	141	97	0
26	59	127	128	115	0
27	49	128	89	109	0
28	15	129	74	107	0
29	0	112	73	110	0
30	18	116	85	97	0
31	120	—	80	119	—
Mean	56	134	108	110	36
Max.	138	200	141	137	117
Min.	0	42	73	61	0
A. F.	3449	7980	6639	6768	2172
A-765.					

NORTHPORT IRRIGATION DISTRICT

Drains Entering Tri-State Canal—1943					
Day	May	June	July	Aug.	Sept.
1	18	112	108	140	170
2	80	104	111	137	171
3	79	79	121	136	208
4	77	79	111	135	213
5	79	81	111	138	215
6	82	81	110	140	215
7	85	81	111	136	214
8	89	79	114	139	218
9	79	85	114	140	214
10	77	86	116	139	214
11	78	85	114	149	213
12	81	85	113	155	212
13	88	86	115	148	213
14	85	91	120	151	215
15	95	88	123	149	214
16	92	30	124	150	218
17	89	28	122	150	215
18	81	27	125	151	221
19	79	53	125	156	218
20	77	83	125	157	219
21	76	106	124	157	218
22	78	106	139	158	218
23	77	104	137	156	219
24	84	102	138	168	221
25	97	103	140	173	219
26	97	103	139	164	219
27	98	102	140	168	223
28	98	101	141	170	225
29	104	108	141	171	229
30	100	114	138	173	232
31	110	—	139	169	—
Mean	84	86	124	152	214
Max.	110	114	141	173	232
Min.	18	27	108	135	170
A. F.	5175	5102	7634	9368	12759

NORTHPORT DIVERSION
For Northport Irrigation District
Summary in Acre-feet—1943

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	3449	7980	6639	6768	2172	27008
Drains	5175	5102	7634	9368	12759	40038
Total diversion.....	8624	13082	14273	16136	14931	67046

Acreage Reported
A-768 16109

REPORT OF THE STATE ENGINEER

OLIVER RESERVOIR—KIMBALL IRRIGATION DISTRICT
Lodgepole Creek, Storage in Acre-feet—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1
2
3
4
5
6	3840	.....	.....	.....	.....
8	3470	.....	.....
9	4280	.....	.....	.....
10
11
12
13
14
15
16	3060	.....	.....	.....	.....	.....	.....	.....
17
18
19
20	3800	.....	.....	.....	.....
21
22
23
24	4290	.....	.....	.....
25
26	4200	.....	.....	.....	.....
27
28
29
30	3540	.....	.....	.....	.....	.....	.....
31

A-897.

ORCHARD-ALFALFA DIVERSION

Day	From Platte River—1943				
	May	June	July	Aug.	Sept.
1	0	38	25	38	34
2	0	47	21	38	29
3	0	45	24	33	21
4	0	47	16	36	28
5	0	51	15	100	0
6	0	41	27	79	0
7	0	32	27	73	3
8	0	23	20	53	3
9	0	26	18	73	1
10	0	21	23	66	0
11	0	30	23	64	0
12	0	6	24	57	1
13	0	0	25	51	11
14	11	0	30	53	13
15	10	0	41	51	13
16	10	20	23	59	15
17	10	8	24	65	17
18	16	14	34	58	14
19	20	15	32	56	17
20	19	6	29	53	16
21	16	4	43	45	14
22	16	3	47	38	10
23	15	30	47	47	13
24	14	37	64	54	13
25	17	42	68	48	11
26	17	36	94	54	8
27	14	34	98	17	8
28	26	11	95	23	7
29	38	13	94	42	0
30	30	26	89	27	0
31	35	.....	92	28	.....
Mean	11	23	43	59	11
Max.	38	51	98	100	34
Min.	0	0	15	17	0
A. F.	662	1400	2642	3628	635
Water diverted	Acreage Reported				
ed S967 A. F.	D-267 5950				

OSHKOSH DIVERSION

Day	From North Platte River—1943				
	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	3
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	1
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	1
23	0	0	0	0	1
24	0	0	0	0	2
25	0	0	0	0	1
26	0	0	0	0	1
27	0	0	0	0	2
28	0	0	0	0	1
29	0	0	0	0	2
30	0	0	0	0	2
31	0	.....	0	0	.....
Mean	0	0	0	0	0.5
Max.	0	0	0	0	2.0
Min.	0	0	0	0	.0
A. F.	0	0	0	0	28.0
Water diverted	Acreage Reported				
ed 28 A. F.	D-797 2217				
	A-243R 162				

Total 2379

OWASCO DIVERSION
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	0	0	4	5
2	0	0	4	5	5
3	1	0	6	0	4
4	4	0	6	6	4
5	4	0	5	6	4
6	4	0	5	5	4
7	4	0	5	5	4
8	4	0	6	5	4
9	5	0	7	6	4
10	4	0	4	6	4
11	4	0	6	6	4
12	4	0	6	6	4
13	4	0	6	6	4
14	4	0	6	6	4
15	4	0	6	6	4
16	3	0	6	6	4
17	3	0	6	6	4
18	3	0	7	4	4
19	0	0	7	4	4
20	0	0	6	4	4
21	0	0	6	4	5
22	0	0	6	4	4
23	0	0	6	4	5
24	0	0	6	4	5
25	0	0	6	5	5
26	0	0	6	4	4
27	0	0	6	4	4
28	0	0	6	5	4
29	0	0	7	5	4
30	0	0	4	5	4
31	0	-	0	5	-
Mean	2	0	4	5	4
Max.	5	0	7	6	5
Min.	0	0	0	4	4
A. F.	115	0	335	300	250

Water diverted 1000 A. F.
Acreage Reported
D-347R 55
A-725 689

Total 744

OWASCO DIVERSION
(BAY STATE LATERAL)
From Lodgepole Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	2
2	0	0	0	0	2
3	0	0	0	0	2
4	0	0	0	0	2
5	0	0	0	2	2
6	0	0	2	2	2
7	0	0	2	2	0
8	0	0	2	2	0
9	0	0	2	2	0
10	0	0	2	2	0
11	0	0	2	0	0
12	0	0	2	2	0
13	0	0	2	2	2
14	0	0	2	2	2
15	0	0	2	2	2
16	0	0	2	2	2
17	0	0	2	2	2
18	0	0	2	2	2
19	0	0	2	2	2
20	0	0	2	2	2
21	0	0	2	2	2
22	0	0	2	2	2
23	0	0	2	2	2
24	0	0	2	2	3
25	0	0	2	2	3
26	0	0	2	2	2
27	0	0	2	2	2
28	0	0	2	2	2
29	0	0	2	2	2
30	0	0	2	2	2
31	0	-	0	2	-
Mean	0	0	2	2	2
Max.	0	0	2	2	3
Min.	0	0	0	0	0
A. F.	0	0	99	101	99

Water diverted 299 A. F.
Acreage Reported
D-347R 55

PAISLEY DIVERSION
From Blue Creek and Crescent
Lake—1943

Day	May	June	July	Aug.	Sept.
1	0	0	7	0	0
2	0	0	7	0	0
3	0	0	8	0	0
4	0	0	7	0	0
5	0	2	7	0	0
6	0	7	11	0	0
7	0	7	9	0	8
8	0	9	7	0	10
9	0	6	7	4	10
10	0	6	7	9	10
11	0	13	6	12	10
12	0	10	6	12	10
13	0	2	8	9	9
14	0	4	14	5	10
15	4	8	13	9	9
16	4	8	8	3	9
17	0	9	8	0	11
18	3	9	13	0	9
19	9	8	13	0	0
20	11	9	8	0	0
21	11	9	8	0	0
22	12	9	8	0	0
23	13	9	18	0	0
24	12	9	9	0	8
25	13	14	8	0	13
26	14	12	5	0	13
27	13	11	0	0	0
28	12	8	5	0	2
29	13	8	0	0	13
30	9	7	0	0	13
31	6	-	0	0	-
Mean	5	7	8	2	6
Max.	14	14	18	12	13
Min.	0	0	0	0	0
A. F.	315	425	465	125	350

Water diverted 1680 A. F.
Acreage Reported
D-800 816
A-515 95
A 1738 161

Total 1072

REPORT OF THE STATE ENGINEER

PAXTON-HERSHEY DIVERSION
From North Platte River—1943

Day	Oct.	May	June	July	Aug.	Sept.
1	14	31	82	58	94	77
2	18	21	95	53	92	78
3	19	33	106	59	94	97
4	19	30	107	63	94	95
5	20	28	107	64	93	72
6	21	30	113	64	88	71
7	20	30	89	62	86	70
8	20	33	79	62	85	60
9	21	42	80	68	86	41
10	0	40	67	61	87	49
12	0	36	63	58	91	56
12	0	40	66	52	94	36
13	0	40	67	64	93	44
14	0	44	51	70	98	47
15	0	35	26	71	98	45
16	0	29	13	78	96	42
17	0	24	10	81	92	24
18	0	24	10	85	92	39
19	0	28	36	80	94	61
20	0	44	29	80	93	60
21	0	46	15	86	87	60
22	0	48	13	80	94	58
23	0	45	23	76	76	50
24	0	60	24	66	38	36
25	0	74	52	64	44	32
26	0	56	40	62	63	22
27	0	48	29	62	60	16
28	0	51	35	71	58	28
29	0	64	10	84	63	37
30	0	76	45	87	72	43
31	0	79	—	92	78	—
Mean	6	43	51	70	83	52
Max.	21	79	113	92	98	97
Min.	0	24	10	52	38	16
A. F.	340	2640	3140	4290	5100	3070
Water diverted ed 18580 A. F.				Acreage Reported D-653	7458	

RAMSHORN DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	14	22	14	1
2	0	14	25	3	7
3	0	12	34	12	13
4	0	3	22	16	12
5	0	5	14	10	5
6	0	5	28	4	8
7	0	6	17	2	8
8	0	8	7	4	4
9	0	6	4	22	3
10	0	8	7	23	3
11	0	10	3	4	2
12	0	11	7	4	2
13	0	12	0	3	2
14	0	12	6	3	1
15	0	9	7	3	0
16	0	10	10	9	0
17	0	13	14	22	0
18	0	4	22	18	0
19	0	2	16	15	0
20	0	1	20	10	0
21	0	1	14	1	0
22	0	1	7	1	0
23	0	3	8	0	0
24	0	11	11	1	0
25	0	10	12	22	0
26	0	1	14	18	0
27	0	3	31	22	0
28	0	19	27	23	0
29	5	22	17	18	0
30	15	22	11	9	0
31	16	—	20	4	—
Mean	1	9	14	10	2
Max.	16	22	34	23	13
Min.	0	1	0	0	0
A. F.	70	510	910	630	140
Water diverted ed 2260 A. F.				Acreage Reported D-945	1651

SHERIDAN-WILSON DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	14	5	5	0
2	0	12	6	5	0
3	1	12	8	5	1
4	6	12	4	1	1
5	12	12	3	1	1
6	10	12	15	0	0
7	0	12	10	0	1
8	0	12	11	0	1
9	12	12	11	0	0
10	7	14	11	0	0
11	6	14	10	2	0
12	6	10	10	5	0
13	6	10	10	10	0
14	6	13	10	10	0
15	10	0	11	10	3
16	10	0	14	10	4
17	10	0	16	10	4
18	8	0	26	10	5
19	4	0	0	10	8
20	3	5	0	17	6
21	2	5	1	17	7
22	2	2	1	17	11
23	2	2	0	17	9
24	2	2	1	17	11
25	7	12	1	8	11
26	4	3	1	3	9
27	4	1	2	0	9
28	4	9	2	0	8
29	11	4	3	0	8
30	14	4	4	0	3
31	16	—	4	0	—
Mean	6	7	7	6	4
Max.	16	14	26	17	11
Min.	0	0	0	0	0
A. F.	367	436	418	377	240
Water diverted ed 1838 A. F.				Acreage Reported D-710	876

SHERIDAN-WILSON DIVERSION
From Sarben Slough—1943

Day	May	June	July	Aug.	Sept.
1	0	4	3	3	4
2	0	4	3	3	4
3	4	4	3	3	4
4	4	4	3	3	4
5	4	4	3	3	4
6	4	4	3	3	5
7	4	4	3	3	5
8	4	4	3	3	5
9	4	4	3	3	5
10	4	4	3	3	5
11	4	5	3	3	4
12	4	5	3	3	4
13	4	5	3	3	4
14	4	5	3	3	4
15	4	5	3	3	4
16	4	6	4	4	4
17	4	6	4	4	4
18	4	6	4	4	4
19	4	5	4	4	4
20	4	5	4	4	4
21	4	4	4	4	4
22	4	4	4	4	4
23	4	4	4	4	4
24	4	4	4	4	4
25	4	3	4	4	4
26	4	3	4	4	4
27	4	3	4	4	4
28	4	3	4	4	4
29	4	3	4	4	4
30	4	3	4	4	4
31	4	—	4	4	—
Mean	4	4	4	4	4
Max.	4	6	4	4	5
Min.	0	3	3	3	4
A. F.	230	260	220	220	248
Water diverted ed 1180 A. F.					

SHORT LINE DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	23	35	25	18
2	0	18	35	22	20
3	0	7	32	24	20
4	0	0	29	23	11
5	0	5	12	26	14
6	0	15	0	27	11
7	0	15	9	26	1
8	0	15	12	21	1
9	0	15	12	19	10
10	0	15	14	18	14
11	0	15	14	16	12
12	0	0	14	19	12
13	0	10	14	21	12
14	0	15	13	20	11
15	0	15	15	19	12
16	6	16	15	19	4
17	0	15	19	16	0
18	0	0	8	11	2
19	0	0	0	16	2
20	0	0	6	18	8
21	0	0	10	18	9
22	0	21	16	17	7
23	0	22	16	17	8
24	0	23	10	18	11
25	0	23	10	16	10
26	0	24	14	14	8
27	12	23	15	14	8
28	19	25	22	20	13
29	18	24	28	20	15
30	23	29	27	19	15
31	27	—	26	20	—
Mean	3	14	16	19	10
Max.	27	29	35	27	20
Min.	0	0	0	11	0
A. F.	195	850	995	1190	590
Water diverted					
D-3820 A. F.				Acres reported D-946	2663

SIX MILE DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	0	0	14	0
2	0	0	0	14	0
3	0	0	0	8	0
4	0	0	0	8	0
5	0	0	0	8	0
6	0	0	0	6	0
7	0	0	0	6	0
8	0	6	0	7	0
9	0	8	0	8	0
10	0	10	0	9	0
11	0	10	0	9	0
12	0	24	0	13	0
13	0	20	0	17	0
14	0	19	0	18	0
15	0	3	0	20	0
16	0	4	8	20	0
17	0	8	0	22	0
18	0	4	0	21	0
19	0	4	0	15	0
20	8	2	0	14	0
21	8	4	0	20	0
22	4	4	0	14	0
23	1	6	0	14	0
24	0	7	9	12	0
25	0	0	8	12	0
26	0	0	8	8	0
27	0	0	14	10	0
28	0	4	11	9	0
29	0	0	12	8	0
30	0	0	14	0	0
31	0	—	14	0	—
Mean	0.7	5	3	12	0
Max.	8.0	24	14	22	0
Min.	.0	0	0	0	0
A. F.	42.0	292	194	722	0
Water diverted					
ed 1250 A. F.			Acres reported D-680	1253	

SPOHN DIVERSION

From North Platte River—1943					
Day	May	June	July	Aug.	Sept.
1	0	0	0	2	1
2	0	0	0	3	1
3	0	0	0	2	3
4	0	0	0	2	3
5	0	0	0	2	4
6	0	0	0	2	7
7	0	0	0	2	1
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	6	0
12	0	0	0	6	0
13	0	0	0	6	0
14	0	0	11	6	0
15	0	0	10	3	0
16	0	0	10	3	0
17	0	0	10	5	0
18	0	0	11	4	0
19	0	0	13	5	0
20	0	0	12	3	0
21	0	0	12	6	0
22	0	0	4	4	0
23	0	0	12	5	0
24	0	0	9	6	0
25	0	0	10	2	0
26	0	0	5	0	0
27	0	0	10	0	0
28	0	0	9	0	0
29	0	0	10	0	0
30	0	0	3	1	0
31	0	—	2	1	—
Mean	0	0	5	3	0.6
Max.	0	0	13	6	7.0
Min.	0	0	0	0	0
A. F.	0	0	320	170	40.0
Water diverted					
D-801—Acres report not filed.					

SUBURBAN DIVERSION
From North Platte River—1943

From North Platte River—1943					
Day	May	June	July	Aug.	Sept.
1	6	55	50	55	64
2	9	53	53	60	59
3	13	52	55	63	67
4	16	67	52	63	86
5	19	65	48	64	75
6	22	63	47	67	70
7	17	65	47	59	68
8	15	65	47	41	59
9	16	65	48	42	44
10	17	67	46	55	57
11	14	52	44	51	72
12	20	47	45	38	73
13	20	47	48	58	62
14	25	46	47	79	89
15	34	38	48	82	72
16	38	16	54	81	67
17	38	14	53	83	31
18	38	12	48	82	27
19	38	12	31	83	51
20	38	12	28	89	35
21	35	12	40	87	47
22	38	14	75	87	43
23	38	15	57	88	45
24	38	24	40	88	52
25	45	25	44	87	50
26	48	25	58	85	47
27	49	26	62	75	43
28	49	35	69	45	43
29	47	48	76	39	46
30	52	51	85	50	48
31	56	—	80	63	—
Mean	31	40	52	67	55
Max.	56	67	85	89	86
Min.	6	12	28	38	27
A. F.	1880	2360	3220	4140	3290
Water diverted					
ed 14890 A. F.			Acres reported D-662	7229	

SUTHERLAND DIVERSION
From North Platte River—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	537	559	501	1376	1070	464	1123	1165	1322	1205	1205	1508
2	562	552	208	1374	1090	471	1127	1163	1247	1330	1210	1529
3	713	559	399	1338	1080	467	1146	1155	755	1320	1210	1565
4	846	564	440	1368	1010	463	1279	1157	755	1015	1205	1581
5	854	556	450	1353	1022	470	1328	1134	813	1005	1195	1599
6	813	559	557	1349	996	481	1340	1220	1018	1000	1190	1551
7	635	559	780	1334	1010	464	1351	1255	1042	1090	1185	1557
8	620	560	918	1326	1006	463	1234	1253	1044	1065	1200	1430
9	599	564	1111	1262	994	462	1247	1260	1051	1030	1205	1417
10	540	562	1385	1249	990	463	1220	1258	1065	1075	1235	1495
11	545	579	1334	1220	1000	460	1229	1262	1059	1075	1225	1521
12	545	665	1376	1159	904	462	1195	1272	1032	1000	1220	1538
13	554	685	1385	1078	922	462	1171	1260	914	1180	1220	1533
14	571	776	1413	1067	872	460	1224	1264	866	1290	1290	1536
15	564	890	1392	1121	886	469	1182	1260	698	1295	1250	1531
16	556	888	1376	1224	836	474	1174	1253	687	1295	1250	1503
17	561	892	1368	1392	733	467	1178	1268	740	1300	1250	1499
18	551	904	1379	1311	691	474	1178	1260	744	1285	1265	1480
19	551	906	1383	1262	635	417	1182	1234	753	1235	1285	1482
20	551	906	1383	1180	462	460	1182	1234	740	1245	1285	1484
21	551	916	1361	1113	443	446	1182	1241	740	1280	1280	1484
22	556	910	1400	1092	443	455	1169	1241	746	1285	1260	1486
23	556	908	1407	1072	443	457	1176	1239	751	1220	1300	1486
24	554	910	1407	1082	450	470	1176	1148	755	1280	1390	1523
25	549	898	1411	1094	462	613	1176	1220	749	1255	1470	1538
26	551	892	1411	1094	460	1094	1157	1230	755	1245	1510	1542
27	554	908	1411	1094	466	1090	1155	1230	767	1240	1520	1544
28	557	918	1390	1094	466	1063	1171	1241	772	1240	1530	1542
29	559	912	1345	1055	-----	1036	1165	1232	1098	1230	1530	1542
30	559	916	1357	1055	-----	1119	1165	1322	1199	1230	1515	1542
31	557	-----	1355	1063	-----	1117	-----	1324	-----	1205	1515	-----
Mean	592	759	1164	1202	780	557	1200	1234	889	1195	1301	1520
Max.	854	916	1413	1376	1080	1119	1351	1324	1322	1330	1530	1599
Min.	537	552	208	1055	443	417	1123	1134	740	1000	1185	1417
A. F.	36420	45170	71600	73890	43320	36110	71390	75880	52910	73480	80010	90390
Water diverted	750570	A. F.										
A-2350, A-2352, A-2361.												

SUTHERLAND RESERVOIR SYSTEM
Storage in Sutherland, Regulator, and Forebay Reservoirs, Combined
Total Live Storage in Acre-feet—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	45217	45496	40837	56337	58764	54315	47417	60523	51972	63405	46604.	27838
2	44508	46111	40095	57232	58159	52692	48077	60064	53518	63618	45774	27565
3	43934	46708	42912	58420	57378	51419	49089	60686	54687	63593	45657	27365
4	43720	47359	38210	59825	57241	50959	50223	60359	54613	63389	44111	27697
5	43984	48083	37251	60640	58833	50536	50584	60005	54774	63161	43568	29205
6	43467	48721	36768	61090	59000	49138	51316	59132	55031	62983	42807	29432
7	42928	48865	36499	61369	60595	48227	52063	58750	55678	62751	42194	29323
8	42425	48865	37048	62159	61226	47362	52692	58504	55927	61967	41494	28811
9	40829	48245	36953	63038	60684	46414	53856	58634	57256	61009	40795	28668
10	40225	47075	37647	63375	59597	46780	54989	58123	58580	60232	39917	28385
11	39368	46111	38208	63891	59518	45636	55928	57467	59797	60289	38987	28571
12	38884	45311	38639	64406	60153	45402	57168	56977	61847	59526	38066	30997
13	37779	48391	39158	64663	60560	44849	57842	56294	63374	58166	37297	31670
14	36812	44311	40812	64039	60729	45444	58287	55586	65404	57427	36367	31858
15	36599	49317	42026	63755	60750	45223	58470	56145	65858	56524	35672	31903
16	37200	42727	42830	63468	61062	44083	58736	54689	66828	55955	34641	32058
17	35869	42232	43289	62975	61119	44725	59224	54324	67517	55309	33890	32266
18	36608	41982	43920	63232	60926	43613	59322	53865	68068	55017	32972	32256
19	37163	42183	44772	62943	61248	43366	60138	53254	69015	54523	32128	33269
20	37922	42245	45710	62864	60791	43537	60262	52744	69433	53388	31454	33440
21	39580	41094	46733	62847	60821	42535	60694	51799	69875	51984	31723	33697
22	39236	40393	47406	62863	60907	41918	60877	51689	70084	51423	29913	33033
23	39873	40771	49331	63130	59808	42061	60804	51323	69973	51297	29187	33455
24	40450	40856	49011	63081	58948	41917	61320	50758	69614	51500	28407	33437
25	41010	41072	50701	62982	57426	42494	61749	48861	69206	51574	27911	33679
26	41778	41468	51971	62801	56682	42297	61978	49524	67838	51465	27430	33726
27	42421	41534	53524	62437	55882	43613	62182	48969	66447	50673	27314	34426
28	42996	41882	53463	61615	55331	44205	62125	48778	65523	50149	27459	34429
29	43786	42143	53699	60758	-----	45285	60861	48801	64553	48939	27968	34433
30	44361	41621	54660	59819	-----	45856	60811	49634	63918	48025	28077	34545
31	44938	-----	55399	59650	-----	46808	-----	50415	-----	47429	27850	-----

Reported by Platte Valley Public Power and Irrigation District.
A-2350, A-2352, A-2361.

SUTHERLAND POWER RETURN
To the River at North Platte—Sec. 9-13-30 W.—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	740	5	1029	418	1129	736	503	919	489	876	1253	1285
2	520	5	760	552	1138	840	523	606	263	813	1192	1292
3	641	5	560	238	1114	660	396	828	155	1138	1317	1301
4	410	5	629	527	1104	557	312	941	200	1005	1358	1232
5	754	5	494	618	525	688	624	1033	550	608	1297	501
6	511	5	431	732	512	705	625	1032	425	700	1317	1121
7	741	25	570	789	138	860	687	1065	475	856	1400	1293
8	600	400	508	654	514	754	668	1032	429	993	1201	1359
9	736	395	387	706	815	586	522	873	226	879	1320	1232
10	742	522	763	614	1094	566	632	1156	95	920	1434	1143
11	593	672	941	703	680	480	574	1071	92	704	1370	1094
12	669	684	881	486	308	472	457	1225	0	999	1381	592
13	724	679	529	699	606	661	545	1167	0	1134	1384	803
14	640	674	771	829	494	168	719	1224	0	1110	1393	1110
15	309	359	747	825	610	495	734	1214	75	1165	1402	1130
16	208	369	744	796	598	630	690	1099	0	1197	1387	1116
17	912	692	741	832	604	477	673	1148	0	1186	1291	1056
18	660	300	747	852	608	424	504	1208	0	1000	1378	969
19	152	555	628	842	349	438	702	1207	0	1127	1338	875
20	26	573	629	846	442	582	728	1207	227	1395	1396	1175
21	0	1267	633	830	216	563	730	1211	88	1442	1390	1214
22	0	1011	630	840	615	547	730	1214	172	1320	1390	1210
23	0	772	754	846	529	340	730	1101	324	1050	1381	1151
24	0	625	786	753	601	351	687	1202	436	840	1472	1160
25	0	387	288	836	866	443	531	1204	620	657	1400	1167
26	73	483	457	833	687	387	721	1209	649	987	1306	1065
27	7	777	384	1011	539	275	730	1205	761	1192	1185	1076
28	39	411	850	1064	557	440	759	1148	664	1164	1235	1135
29	12	456	714	1156	---	342	993	972	803	1227	1038	1270
30	7	906	832	1181	---	506	879	854	891	1292	1114	1180
31	10	---	695	1092	---	429	---	765	---	1250	1281	---
Mean	369	517	671	775	653	525	644	1075	303	1037	1320	1112
Max.	912	1267	1029	1181	1138	860	993	1225	891	1442	1472	1301
Min.	0	5	288	238	138	168	312	606	0	657	1038	501
A. F.	22700	30790	41280	47670	36290	32540	35300	66140	18070	63720	31210	66190

Total 544900 A. F.
Records furnished by the Platte Valley Public Power and Irrigation District.
A 2353.

THIRTY MILE DIVERSION
From Platte River—1943

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	55	66	0	111	161	118	244	10
2	52	28	0	111	161	124	246	11
3	52	0	0	104	158	119	261	12
4	50	0	0	104	167	112	262	14
5	50	0	0	104	169	118	265	15
6	49	0	0	104	171	102	264	0
7	48	0	0	127	154	95	273	40
8	47	0	0	134	148	92	273	97
9	46	0	0	134	156	95	270	106
10	40	0	0	135	131	94	272	96
11	39	0	0	131	137	98	271	90
12	39	0	22	134	130	116	272	94
13	45	0	70	127	130	117	273	94
14	40	0	83	129	108	114	271	92
15	43	0	90	131	95	106	275	90
16	45	0	89	131	108	0	274	99
17	46	0	91	131	111	0	274	102
18	49	0	84	131	125	43	270	104
19	55	0	90	133	127	61	275	108
20	49	0	88	134	118	75	277	100
21	45	0	76	132	118	79	275	161
22	49	0	87	132	127	80	273	100
23	58	0	96	133	118	103	274	99
24	66	0	89	134	118	108	122	98
25	72	0	86	136	122	148	43	97
26	73	0	94	136	128	198	62	94
27	65	0	95	138	118	209	58	96
28	66	0	108	136	54	231	61	95
29	66	0	113	143	114	245	33	97
30	66	0	115	136	116	189	12	97
31	66	---	---	151	---	97	8	---
Mean	50	3	56	129	130	111	212	78
Max.	73	66	115	151	171	245	277	108
Min.	39	0	0	104	54	0	8	0
A. F.	3230	190	3300	7910	7730	6850	13060	4660

Water diverted 46930 A. F.
Acreage Reported
A-1853 19214
A-1976 3555
A-2077 320
Total 23089

REPORT OF THE STATE ENGINEER

Day	TRI-COUNTY DIVERSION											
	From Platte River—Sec. 8-13-29 W.—1943											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1310	870	1880	1849	1740	1750	1720	2100	2120	1540	1930	2050
2	1280	870	1530	1930	1780	1520	1700	2080	2080	1430	1960	2010
3	1260	860	1260	1250	1760	1490	1550	2080	1860	1780	1970	1990
4	1080	850	1410	1350	1860	1630	1460	2120	1640	1860	1980	2040
5	1140	820	1560	1730	1830	1300	1610	2140	1810	1450	2060	1700
6	1420	810	1170	1720	1920	1160	1650	2020	1740	1250	2000	1840
7	1500	810	1100	1670	1920	1320	1710	2000	1980	1420	2030	2040
8	1320	1120	980	1770	1480	1400	1810	1930	2130	1600	2020	2070
9	1370	1280	1070	1820	1960	1600	1810	1770	2050	1550	1990	1920
10	1450	1330	1440	1940	1440	1550	1980	1910	2160	1560	1920	1860
11	1380	1490	1730	1990	1300	1560	2040	1910	2170	1360	1920	1620
12	1290	1510	1710	1960	1460	1840	2050	1920	2090	1380	1890	1220
13	1490	1490	1910	1990	1760	1970	1810	1930	1750	1420	1890	1170
14	1420	1480	1940	2110	1900	1900	1780	1870	2020	1560	1900	1500
15	1160	1510	1930	2120	1970	1980	1860	1960	2140	1480	1910	1550
16	1120	1690	1830	1920	1950	1660	1870	1970	2080	1480	1910	1560
17	1450	1620	1840	1290	1960	1290	1770	1940	2020	1660	1840	1420
18	1830	1550	1800	1130	1930	1600	1670	1980	1820	1610	1970	1380
19	1000	1550	1780	1250	1640	1320	1660	2000	1610	1650	1930	1200
20	980	1330	1820	1320	1610	1650	1780	2000	1600	1850	1990	1450
21	900	1840	1950	1320	1430	1670	1900	1940	1530	1860	2040	1580
22	910	1810	1960	1170	1730	1760	1960	1960	1400	1960	2030	1550
23	890	1570	1980	1200	1730	1780	2000	1920	1350	2060	2070	1500
24	880	1610	2000	1110	1660	1690	2060	1980	1430	2060	2090	1510
25	920	1480	1860	1020	1840	1720	2070	2000	1590	1980	2130	1510
26	920	1210	1820	1200	1840	1650	2110	2050	1480	1800	2080	1440
27	910	1600	1350	1000	1660	1650	2100	2060	1540	1860	1940	1400
28	900	1580	1620	1340	1560	1720	2070	2100	1450	1920	1780	1480
29	900	1020	1770	1500	-----	1630	2110	2100	1360	1860	1680	1570
30	890	1500	2020	1540	-----	1750	2110	2130	1550	1920	1680	1540
31	870	-----	1940	1640	-----	1630	-----	2150	-----	1920	2050	-----
Mean	1166	1332	1676	1550	1739	1622	1859	2001	1788	1680	1954	1622
Max.	1830	1840	2020	2120	1970	1880	2110	2150	2170	2060	2130	2070
Min.	870	810	980	1000	1300	1160	1460	1770	1350	1250	1680	1170
A. F.	71680	79260	103060	95290	96560	99710	110640	123020	106220	103320	120160	96540
Water diverted		1205460 A. F.										

Day	TRI-COUNTY CANAL, JEFFREY POWER RETURN											
	To Platte River—Sec. 25-12-27 W.—1943											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	92	112	0	0	0	0	0	0	301	444	649	226
2	90	70	0	0	0	0	0	0	303	436	656	226
3	83	0	0	0	0	0	0	0	334	442	660	224
4	75	0	0	0	0	0	0	0	408	447	671	222
5	78	0	0	0	0	0	0	0	480	462	674	222
6	75	0	0	0	0	0	0	33	525	456	644	263
7	77	0	0	0	0	0	0	168	394	463	501	343
8	75	0	0	0	0	0	0	255	395	439	431	350
9	75	0	0	0	0	0	0	408	357	459	301	345
10	70	0	0	0	0	0	0	450	348	456	108	341
11	64	0	0	0	0	0	0	439	345	459	108	309
12	64	0	0	0	0	0	0	425	343	462	195	255
13	59	0	0	0	0	0	0	423	154	525	362	290
14	59	0	0	0	0	0	0	431	0	525	570	287
15	64	0	0	0	0	0	0	431	0	621	656	290
16	93	0	525	0	0	0	0	434	0	707	656	276
17	113	0	714	0	0	0	0	456	0	714	642	283
18	116	24	261	0	0	0	0	483	96	748	699	281
19	108	0	0	0	0	0	0	477	183	884	718	287
20	97	0	0	0	0	0	0	471	185	988	692	287
21	84	0	0	0	0	0	0	471	222	1008	607	296
22	90	0	0	0	0	0	0	378	341	1012	357	296
23	109	0	0	0	0	0	0	325	364	924	53	290
24	118	0	0	0	0	0	0	327	364	786	0	292
25	117	0	0	0	0	0	0	327	364	707	0	292
26	117	0	0	0	0	0	0	329	439	718	0	292
27	117	0	0	0	0	0	0	327	635	707	0	294
28	113	0	0	0	0	0	0	327	428	710	1	294
29	114	0	0	0	-	0	0	352	444	714	1	301
30	113	0	0	0	-	0	0	471	450	671	0	298
31	113	-	0	0	-	0	-	394	-----	561	132	-----
Mean	91	7	48	0	0	0	0	316	304	634	377	286
Max.	118	112	714	0	0	0	0	483	635	1012	718	350
Min.	64	0	0	0	0	0	0	0	0	436	0	222
A. F.	5630	410	2980	0	0	0	0	19460	18070	38970	23190	17020
Water returned		125730 A. F.										

A-2354.

TRI-COUNTY CANAL, JOHNSON POWER RETURN
To Platte River—Sec. 2-8-21 W.—1943

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	455	513	1398	1238	1007	1369	1247	1582	1277	0	329	73
2	505	705	1400	1632	906	1689	1304	1071	1502	0	337	70
3	502	768	1124	1276	772	1670	1287	1580	706	0	330	362
4	372	1143	1226	1548	1302	1421	1003	1562	589	0	315	0
5	386	899	1148	1623	1278	1577	1285	1379	954	0	288	0
6	320	844	979	1513	1433	1460	942	1466	357	505	260	0
7	544	837	1158	1660	1168	1495	1337	1561	643	316	243	0
8	137	309	741	1790	1512	1407	1220	1501	1032	126	247	0
9	282	600	1115	1544	1517	1432	975	1144	350	148	241	0
10	362	768	980	1148	1258	1250	1044	1109	627	91	227	0
11	274	154	877	1353	1660	758	971	1195	957	0	205	301
12	337	104	640	1489	1465	1028	1163	1103	735	64	199	499
13	292	163	168	1612	1384	773	1229	1211	865	0	197	737
14	702	196	849	1480	933	230	1218	1129	1331	0	217	301
15	575	19	993	1418	1324	895	1023	977	809	51	263	303
16	734	682	1416	1374	1415	1211	1038	331	946	44	293	293
17	167	482	1397	779	1193	1207	962	740	632	35	276	298
18	63	333	1397	1742	1100	1367	471	1048	667	54	264	237
19	355	729	1427	1646	1276	1342	1301	1050	1080	62	268	0
20	662	930	1455	1626	1364	1150	1367	1052	951	56	294	0
21	782	412	1408	1460	1244	732	1352	1026	1007	43	275	0
22	1110	220	1407	1615	1420	1139	1368	1096	866	53	271	0
23	910	374	1396	1569	1443	882	1345	489	797	50	272	80
24	790	670	1358	1116	1332	1087	1095	1066	749	116	261	133
25	619	950	1160	1109	1511	1393	876	1308	755	173	237	128
26	883	634	1121	1179	1411	1258	970	1372	606	244	210	142
27	798	828	1104	923	1073	1064	1323	1291	73	237	253	124
28	979	1052	1220	827	250	989	1421	1296	286	249	168	165
29	1187	1679	1398	1112	---	1076	1494	1374	329	289	135	223
30	514	1393	1496	1069	---	986	1447	1162	0	334	124	251
31	745	---	1668	685	---	986	---	690	---	339	110	---
Mean	560	626	1181	1360	1250	1172	1169	1160	749	119	245	157
Max.	1187	1679	1668	1790	1660	1689	1368	1532	1502	505	337	737
Min.	63	19	168	685	250	230	471	331	0	0	110	0
A. F.	34400	38460	72640	83610	69320	72050	69560	71330	44580	7300	15090	9360
Water returned	587700 A. F.											
A-2354.												

TRI-STATE DIVERSION
From North Platte River
and Pathfinder Reservoir—1943

UNION DIVERSION
From Blue Creek—1943

Day	May	June	July	Aug.	Sept.	Day	Oct.	May	June	July	Aug.	Sept.
1	0	647	874	876	742	1	2	0	20	10	5	19
2	0	604	885	904	733	2	2	0	18	8	3	17
3	0	534	918	892	738	3	3	0	23	7	16	16
4	308	456	909	876	717	4	3	0	15	5	10	12
5	339	427	913	865	716	5	3	0	15	0	0	9
6	451	448	932	867	682	6	3	0	16	0	0	9
7	526	458	927	876	682	7	3	0	20	2	2	5
8	551	447	892	869	686	8	2	0	20	6	8	8
9	551	458	920	828	637	9	2	0	19	6	13	11
10	597	456	951	816	620	10	2	0	7	10	14	10
11	568	456	951	823	569	11	2	0	3	12	14	9
12	585	456	950	831	565	12	2	0	1	11	11	7
13	614	459	941	812	561	13	2	0	0	9	13	6
14	716	449	955	799	551	14	2	0	0	7	16	2
15	784	439	957	814	553	15	2	0	0	10	17	0
16	772	317	915	791	565	16	0	0	0	13	16	0
17	723	305	899	776	587	17	0	0	0	14	19	0
18	641	314	872	788	569	18	0	0	0	0	21	1
19	531	304	868	809	544	19	0	0	0	0	23	1
20	439	340	884	812	584	20	0	0	0	0	25	1
21	425	479	882	774	589	21	0	0	1	0	25	2
22	428	620	920	747	565	22	0	0	2	9	22	2
23	430	734	882	724	545	23	0	0	2	17	21	1
24	495	761	849	776	534	24	0	0	5	11	20	2
25	524	784	820	782	526	25	0	0	6	13	22	3
26	523	732	837	756	526	26	0	0	7	14	23	3
27	516	821	859	762	513	27	0	0	6	16	19	3
28	527	863	861	767	495	28	0	11	6	20	19	3
29	594	907	856	761	482	29	0	14	9	22	19	7
30	683	899	844	775	466	30	0	19	9	26	18	8
31	624	---	832	743	---	31	0	19	---	20	19	---
Mean	501	547	896	809	594	Mean	1	2	8	10	15	6
Max.	784	907	957	904	742	Max.	3	19	23	26	26	19
Min.	0	304	820	724	466	Min.	0	0	0	0	0	0
A. F.	30363	32577	55052	49768	35388	A. F.	70	125	455	590	940	360
D-918, A-660.	Water diverted 2540 A. F. Acreage Reported D-763 1186											

NOTE—Tri-State Diversion summary appears on Page 600.

REPORT OF THE STATE ENGINEER

TRI-STATE DIVERSION
For Farmers Irrigation District
Summary in Acre-feet—1943

	May	June	July	Aug.	Sept.	Total
*Diverted from North Platte River.....	30393	32577	55052	49768	35338	203148
†Optional diversions.....						6485
Total diversion.....						209633

*Including Laterals No. 1, 2 and 3.
†Estimated.

Acreage Reported	
D-918	61278
A-660	3640
O. D.	2072
Total	66990

WESTERN DIVERSION
From South Platte River—1943

Day	Oct.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	36	0	43	105	108	96	30	24
2	39	0	47	105	163	87	30	22
3	33	0	60	96	188	105	31	22
4	33	0	50	89	204	75	30	24
5	33	0	71	87	174	71	33	24
6	31	0	94	80	155	109	31	24
7	35	0	84	82	160	78	28	24
8	45	0	71	84	135	71	28	24
9	50	0	50	91	138	87	27	22
10	35	0	52	84	84	64	27	22
11	28	0	21	75	94	60	25	22
12	27	0	22	75	125	71	25	22
13	24	0	80	73	78	73	25	25
14	21	0	69	71	87	78	28	27
15	9	0	69	82	110	75	35	24
16	0	0	62	94	105	75	33	25
17	0	0	64	78	96	73	30	28
18	0	0	62	80	67	67	27	27
19	0	0	62	75	47	64	27	27
20	0	0	66	64	73	52	24	27
21	0	0	49	58	58	49	24	27
22	0	0	49	64	56	49	24	28
23	0	0	82	75	54	45	24	33
24	0	0	98	67	56	39	22	30
25	0	0	91	60	71	38	24	30
26	0	0	112	54	105	38	22	28
27	0	0	122	73	89	36	22	28
28	0	0	155	108	89	36	22	30
29	0	0	148	138	100	33	22	33
30	0	0	110	155	96	31	22	31
31	0	19	---	130	---	30	24	---
Mean	15	1	74	86	106	63	27	26
Max.	50	19	155	155	204	105	35	33
Min.	0	0	21	54	47	30	22	22
A. F.	950	40	4380	5260	6280	3860	1640	1560
Water diverted 23970 A. F.								
								Acreage Reported
								A-393 12199
								A-1804 364
								Total 12563

WINTERS CREEK DIVERSION
From North Platte River—1943

Day	May	June	July	Aug.	Sept.
1	0	20	26	34	26
2	0	21	26	33	24
3	0	21	27	32	22
4	0	18	27	34	23
5	0	14	29	33	22
6	0	12	34	31	19
7	0	11	35	32	17
8	0	13	36	31	15
9	0	16	35	31	13
10	0	11	36	34	14
11	20	12	37	34	16
12	25	14	38	33	16
13	19	13	38	32	17
14	20	11	39	32	18
15	25	10	39	31	17
16	20	10	41	30	17
17	0	10	43	29	16
18	0	11	44	28	17
19	0	12	43	28	18
20	0	13	44	25	16
21	0	15	44	23	14
22	0	17	46	22	14
23	0	18	48	21	14
24	0	19	47	24	14
25	3	23	24	25	15
26	14	9	0	23	15
27	20	0	0	23	15
28	21	0	18	22	15
29	22	0	33	22	10
30	18	15	32	24	1
31	13	—	32	26	—
Mean	8	13	34	28	16
Max.	25	23	48	34	26
Min.	0	0	0	21	1
A. F.	476	772	2065	1750	972
Water diverted	6035 A. F.				
	D-952				
	Acreage Reported 5726				

WINTERS CREEK DIVERSION
From Winters Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	33	35	43	48
2	0	37	33	49	44
3	0	33	28	49	42
4	0	30	28	47	47
5	0	30	30	50	46
6	0	31	39	50	47
7	0	30	40	52	40
8	0	31	44	45	31
9	0	22	51	29	32
10	0	17	51	30	33
11	0	21	50	34	35
12	0	31	51	37	42
13	20	32	51	37	35
14	38	29	46	38	32
15	40	36	44	42	38
16	35	43	44	38	39
17	34	23	45	36	41
18	20	23	43	36	43
19	0	23	43	37	46
20	0	23	44	38	47
21	0	25	45	34	41
22	0	34	43	38	37
23	0	38	46	37	31
24	0	34	43	34	27
25	0	35	39	33	25
26	18	30	37	41	24
27	31	32	42	42	22
28	29	31	41	44	21
29	26	31	45	46	21
30	28	32	42	45	21
31	26	—	43	46	—
Mean	11	30	42	41	36
Max.	40	38	51	52	48
Min.	0	17	28	29	21
A. F.	685	1785	2590	2505	2135
Water diverted	9700 A. F.				
	D-952				

WINTERS CREEK LATERAL
From Winters Creek—1943

Day	May	June	July	Aug.	Sept.
1	0	6	9	7	22
2	0	5	11	12	13
3	0	6	11	12	10
4	0	7	4	12	8
5	0	7	8	12	8
6	0	7	11	12	19
7	0	10	11	13	27
8	0	4	12	12	23
9	0	0	10	12	17
10	0	0	10	11	7
11	9	4	10	12	6
12	10	0	10	7	6
13	9	4	10	7	15
14	10	12	11	7	17
15	0	11	12	7	19
16	0	7	12	6	22
17	10	5	10	6	17
18	0	5	7	5	15
19	0	5	13	6	14
20	0	5	14	6	20
21	0	0	10	7	19
22	0	0	12	10	25
23	0	0	12	12	27
24	0	4	10	12	16
25	0	7	6	12	15
26	0	7	5	15	12
27	0	8	8	15	10
28	0	8	8	12	7
29	9	11	7	13	6
30	0	9	8	15	4
31	13	—	8	0	—
Mean	2	5	9	10	15
Max.	13	12	14	15	27
Min.	0	0	4	0	4
A. F.	120	325	575	610	835
Water diverted	2515 A. F.				
	D-952				

REPORT OF THE STATE ENGINEER

ALLIANCE DIVERSION
From Bayard Sugar Factory
Drain—1944

Day	May	June	July	Aug.	Sept.
1	0	13	22	15	0
2	0	13	22	14	0
3	0	18	22	12	0
4	0	16	0	11	0
5	0	0	0	12	0
6	0	14	0	11	0
7	0	19	0	12	0
8	0	8	0	12	0
9	0	4	0	17	0
10	0	9	0	15	0
11	0	10	0	12	0
12	0	10	0	9	0
13	0	0	0	10	0
14	0	0	0	9	0
15	0	0	0	14	0
16	0	0	0	10	0
17	0	0	12	10	0
18	0	0	17	10	0
19	0	7	18	10	0
20	15	6	12	10	0
21	13	13	13	12	0
22	13	14	13	0	0
23	17	14	15	0	0
24	18	16	15	0	0
25	17	18	18	0	0
26	15	19	12	0	13
27	17	18	13	0	14
28	14	18	14	0	14
29	15	22	15	0	14
30	14	22	15	0	12
31	14	—	15	0	—
Mean	6	11	9	8	2
Max.	18	22	22	17	14
Min.	0	0	0	0	0
A. F.	360	640	560	490	130
Water diverted	Acreage Reported				
ed 2180 A. F.	D-374 2106				

ALLIANCE DIVERSION
From Red Willow Creek—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	49	0	17	31	45	31
2	49	0	18	30	44	30
3	47	0	22	6	41	29
4	40	0	21	2	38	29
5	35	0	11	1	41	27
6	34	0	19	1	47	29
7	35	0	17	1	42	29
8	34	0	15	2	38	29
9	35	0	21	9	41	29
10	22	0	1	6	44	28
11	0	0	0	0	46	27
12	0	0	0	4	40	27
13	0	0	0	13	43	27
14	0	0	0	10	39	27
15	0	0	0	8	39	26
16	0	0	0	13	38	27
17	0	0	0	11	38	23
18	0	0	0	12	38	20
19	0	0	0	12	39	23
20	0	0	0	18	39	29
21	0	0	0	17	37	27
22	0	0	17	19	36	28
23	0	0	17	18	36	31
24	0	17	21	23	38	35
25	0	16	20	20	41	34
26	0	15	17	40	40	32
27	0	18	21	39	39	31
28	0	19	21	38	36	32
29	0	19	22	41	37	32
30	0	8	26	39	37	32
31	0	8	—	42	35	—
Mean	12	4	11	17	40	29
Max.	49	19	26	42	47	35
Min.	0	0	0	0	35	20
A. F.	750	240	680	1040	2440	1710
Water diverted	Acreage Reported					
ed 6860 A. F.	D-374 4022					

ATKINS-POLLY DIVERSION
From Lodgepole Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	1	0	2	1
2	0	1	0	2	1
3	0	1	0	2	1
4	0	1	1	2	1
5	0	1	0	2	2
6	0	1	0	2	1
7	0	1	0	2	1
8	0	1	0	1	1
9	0	2	0	1	1
10	0	0	0	1	1
11	0	2	0	1	1
12	0	2	0	1	1
13	0	0	0	1	1
14	0	0	0	1	1
15	0	0	0	1	1
16	0	0	0	1	1
17	0	0	0	1	1
18	0	0	0	1	1
19	0	0	0	1	1
20	0	0	0	1	1
21	0	0	0	2	1
22	0	0	0	1	1
23	0	0	0	2	1
24	0	0	0	2	1
25	0	0	0	1	1
26	0	0	0	1	1
27	0	0	0	1	1
28	0	0	0	1	1
29	0	0	2	1	1
30	1	0	1	1	1
31	1	—	1	1	1
Mean	0.06	0.5	0.2	1	1
Max.	1	2	2	2	2
Min.	0	0	0	1	1
A. F.	4	28	10	80	61
Estimated diversion	Acreage Reported				
133 A. F.	D-342 54				
	D-344 65				
	A-724 10				
	A-S37R 8				

BEERLINE DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	4	0	0
2	0	0	2	0	0
3	0	6	7	0	0
4	0	7	7	0	0
5	0	8	2	0	0
6	0	10	1	0	0
7	0	12	2	3	0
8	0	14	6	3	0
9	0	10	12	0	1
10	0	12	9	0	0
11	0	14	11	0	1
12	0	17	4	0	2
13	0	10	1	0	1
14	0	6	1	4	2
15	0	2	0	11	1
16	0	2	0	14	1
17	0	2	0	13	1
18	0	2	0	13	4
19	0	2	0	12	4
20	0	2	0	12	4
21	0	1	0	13	3
22	0	2	0	13	3
23	0	3	0	14	3
24	0	4	0	4	3
25	0	8	0	0	4
26	0	6	0	0	4
27	0	6	0	0	5
28	0	4	0	0	4
29	0	5	0	0	5
30	0	7	0	0	5
31	0	—	0	0	—
Mean	0	6	2	4	2
Max.	0	17	12	14	5
Min.	0	0	0	0	0
A. F.	0	360	140	260	120
Water diverted	Acreage Reported				
ed 880 A. F.	D-887 2100				

BELMONT DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	88	0	72	110	108	56
2	94	0	79	122	99	69
3	96	0	77	0	101	72
4	0	0	71	0	126	66
5	0	0	71	0	116	70
6	0	0	71	0	120	70
7	0	0	75	81	113	68
8	0	0	75	65	88	70
9	0	0	62	85	97	70
10	0	0	49	69	108	68
11	0	0	42	0	112	66
12	0	0	52	46	114	68
13	0	0	46	53	121	0
14	0	0	41	67	122	57
15	0	0	56	57	72	84
16	0	0	55	57	53	51
17	0	0	55	57	73	58
18	0	0	56	71	84	58
19	0	0	59	79	88	58
20	0	0	57	81	79	56
21	0	32	61	81	86	53
22	0	71	74	63	45	53
23	0	84	69	54	0	59
24	0	84	79	89	0	61
25	0	84	74	91	0	62
26	0	59	71	85	0	62
27	0	53	81	81	34	58
28	0	64	83	89	65	58
29	0	64	76	102	65	58
30	0	66	72	106	51	57
31	0	55	—	105	49	—
Mean	9	23	65	66	77	60
Max.	96	84	83	122	126	84
Min.	0	0	41	0	0	0
A. F.	550	1420	3890	4060	4740	3600
Water diverted	18260 A. F.		Acreage Reported			
			D-82S 14103			

BICKEL DIVERSION
From Lodgepole Creek—1944

Day	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	3	1	1
5	0	0	0	1	1
6	0	0	0	0	1
7	0	0	0	1	1
8	0	0	0	1	1
9	0	0	0	1	1
10	0	0	0	1	1
11	0	0	0	1	1
12	0	0	0	1	1
13	0	0	0	1	1
14	0	0	0	1	1
15	0	0	0	1	1
16	0	0	0	1	1
17	0	0	0	1	1
18	0	0	0	1	1
19	0	0	0	1	1
20	0	0	0	1	1
21	0	0	0	1	1
22	0	0	0	1	1
23	0	0	0	2	1
24	0	0	0	1	1
25	0	0	0	1	1
26	0	0	0	1	1
27	0	1	0	1	1
28	0	1	0	1	1
29	0	1	0	1	1
30	0	1	1	1	1
31	0	—	1	1	1
Mean	0	0.1	0.3	1	1
Max.	0	1	3	2	1
Min.	0	0	0	0	1
A. F.	0	8	22	61	60
Estimated diversion	151 A. F.		Acreage Reported		
			D-347 23		
			A-719 65		

Total 88

BIRDWOOD DIVERSION
From Birdwood Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	0	15	24	29
2	0	0	13	26	30
3	0	0	15	28	30
4	0	0	19	30	24
5	0	0	15	33	23
6	0	0	18	35	22
7	0	0	23	40	25
8	0	0	24	34	17
9	0	9	8	35	12
10	0	10	12	38	13
11	0	12	16	32	12
12	0	34	12	32	14
13	0	19	12	34	22
14	0	15	11	38	23
15	0	14	8	42	24
16	0	15	10	44	25
17	0	15	9	32	25
18	0	13	9	17	25
19	0	13	15	28	21
20	0	14	24	40	22
21	0	15	17	43	23
22	0	13	16	44	24
23	0	12	17	50	28
24	0	13	26	49	21
25	0	13	33	42	21
26	0	14	6	35	23
27	0	15	2	34	25
28	0	14	2	36	25
29	0	15	1	37	20
30	0	15	8	36	15
31	0	—	28	30	—
Mean	0	11	14	35	22
Max.	0	34	33	50	30
Min.	0	0	1	17	12
A. F.	0	640	880	2180	1320
Water diverted	5020 A. F.		Acreage Reported		
			D-646 5400		

BLUE CREEK DIVERSION
From Blue Creek—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	27	0	16	39	42	0
2	27	0	15	39	33	0
3	27	0	0	52	42	0
4	29	0	0	42	39	0
5	25	0	2	50	37	0
6	10	0	5	43	40	0
7	28	0	4	34	48	0
8	27	0	0	18	47	0
9	31	0	0	31	39	0
10	30	0	0	28	40	0
11	30	0	0	8	39	20
12	35	0	0	7	38	20
13	28	0	1	5	45	10
14	20	0	1	5	41	10
15	8	6	3	5	44	11
16	0	11	0	5	38	17
17	0	5	0	8	36	16
18	0	9	0	5	38	16
19	0	4	10	5	36	16
20	0	4	3	7	45	17
21	0	5	4	12	53	17
22	0	10	5	14	0	16
23	0	13	5	22	0	0
24	0	18	5	36	0	0
25	0	30	9	0	0	18
26	0	17	16	13	0	19
27	0	17	22	29	0	26
28	0	18	50	42	0	32
29	0	20	46	58	0	34
30	0	15	40	34	0	32
31	0	—	—	24	0	—
Mean	12	7	9	23	28	12
Max.	35	30	50	58	53	34
Min.	0	0	0	0	0	0
A. F.	760	430	520	1430	1710	690
Water diverted	5540 A. F.		Acreage Reported			
			D-785 2549			
			A-795 339			
			A-1154 30			

Total 2918

REPORT OF THE STATE ENGINEER

BROWNS CREEK DIVERSION

From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	17
2	0	0	0	0	21
3	0	0	16	0	28
4	0	0	0	0	30
5	0	0	0	0	23
6	0	0	0	0	22
7	0	0	0	0	23
8	0	0	0	0	23
9	0	0	0	0	20
10	0	0	0	0	19
11	0	0	0	0	18
12	0	0	0	0	16
13	0	0	0	6	14
14	0	0	0	17	16
15	0	0	0	50	34
16	0	0	0	29	36
17	0	0	0	50	26
18	0	0	0	48	27
19	0	0	0	50	30
20	0	0	0	52	39
21	0	0	0	50	38
22	0	0	0	50	27
23	0	0	0	48	15
24	0	0	0	46	16
25	0	0	0	48	16
26	0	0	0	42	14
27	0	0	0	32	13
28	0	0	0	32	10
29	0	0	0	31	10
30	0	3	0	23	10
31	0	0	0	18	—
Mean	0	0.1	0.5	23	22
Max.	0	3	16	52	39
Min.	0	0	0	0	10
A. F.	0	6	30	1430	1290

Water diverted 2756 A. F. Acreage Reported D-857, D-1033 *6096 *1943

GASTLE ROCK DIVERSION

From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	65	0	32	70	82	63
2	56	0	37	69	85	67
3	51	0	71	67	90	72
4	52	0	43	75	87	75
5	53	0	37	58	94	77
6	54	0	54	63	98	79
7	55	0	52	61	94	73
8	58	0	44	32	89	70
9	60	0	43	17	90	69
10	60	0	44	13	87	61
11	58	0	35	0	87	53
12	57	0	32	39	93	57
13	26	0	29	29	87	60
14	0	0	30	27	81	59
15	0	0	28	22	76	59
16	0	0	28	20	65	59
17	0	0	25	27	71	59
18	0	12	15	52	72	62
19	0	0	27	63	73	67
20	0	0	36	50	74	61
21	0	0	41	52	74	57
22	0	27	49	51	78	58
23	0	42	43	53	75	58
24	0	38	48	57	71	51
25	0	42	51	75	74	44
26	0	51	71	77	71	57
27	0	49	76	76	65	65
28	0	61	71	77	69	63
29	0	57	66	82	64	57
30	0	50	69	90	67	54
31	0	50	—	90	66	—
Mean	23	15	47	53	79	63
Max.	65	61	82	90	98	79
Min.	0	0	15	0	64	44
A. F.	1400	950	2800	3240	4860	3700

Water diverted 16350 A. F. Acreage Reported D-921 5986

CENTRAL DIVERSION

From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	17	28	25	28
2	19	20	17	31	30	27
3	13	27	21	33	30	28
4	6	22	23	33	32	30
5	0	21	25	35	35	29
6	0	23	22	28	34	30
7	0	24	21	12	32	32
8	0	19	0	0	31	31
9	0	0	0	0	32	28
10	0	0	0	0	33	23
11	0	0	0	19	32	19
12	0	0	0	17	34	21
13	0	0	0	17	33	22
14	0	0	0	5	29	20
15	0	0	0	4	29	17
16	0	0	0	3	28	17
17	0	0	0	6	34	18
18	0	0	0	4	31	17
19	0	0	0	16	0	30
20	0	0	0	25	14	29
21	0	0	0	20	26	31
22	0	18	23	28	31	15
23	0	24	16	29	36	15
24	0	19	16	30	33	17
25	0	19	16	35	31	19
26	0	18	11	29	35	19
27	0	19	22	32	34	20
28	0	20	25	32	31	22
29	0	18	23	31	28	21
30	0	17	26	30	28	15
31	0	—	—	29	28	—
Mean	2	11	13	20	31	22
Max.	19	27	26	35	36	32
Min.	0	0	0	0	20	15
A. F.	110	680	760	1230	1900	1280

Water diverted 5960 A. F. Acreage Reported D-926 2096

CHIMNEY ROCK DIVERSION

From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	14	72	46	36
2	0	13	72	41	32
3	0	13	70	47	30
4	0	13	33	46	33
5	0	12	27	45	34
6	0	11	28	42	22
7	0	12	23	54	16
8	0	0	0	53	15
9	0	11	0	42	18
10	0	12	0	45	24
11	0	0	0	50	20
12	0	6	0	56	10
13	0	14	0	65	16
14	0	11	0	64	22
15	0	12	0	82	26
16	0	11	0	83	27
17	0	9	0	88	31
18	0	4	0	85	25
19	0	9	0	48	16
20	0	12	0	35	18
21	0	13	0	30	21
22	0	13	0	34	22
23	0	14	0	39	22
24	30	18	0	16	17
25	0	31	28	14	17
26	11	50	39	16	21
27	12	58	31	12	28
28	26	62	41	21	31
29	29	76	42	24	31
30	21	72	50	36	32
31	24	—	53	44	—
Mean	5	20	20	45	24
Max.	30	76	72	88	36
Min.	0	0	0	14	10
A. F.	300	1200	1210	2750	1410

Water diverted 6900 A. F. Acreage Reported D-844, -1031 5666 A-2190 47

Total 5713

BUREAU OF IRRIGATION

CIRCLE ARROW DIVERSION
From Lodgepole Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	0	2	0	0
2	0	0	2	0	0
3	0	0	2	0	0
4	0	0	2	0	0
5	0	0	1	0	0
6	0	2	1	0	0
7	0	2	1	0	0
8	0	2	1	0	0
9	0	2	1	0	0
10	0	3	2	0	0
11	0	3	2	0	0
12	0	3	1	0	3
13	0	2	0	0	3
14	0	2	0	0	3
15	0	2	0	0	3
16	0	2	0	0	3
17	0	2	0	0	0
18	0	2	0	0	0
19	0	2	0	0	0
20	0	1	0	0	0
21	0	1	0	0	2
22	0	2	0	0	2
23	0	2	0	0	2
24	0	1	0	0	2
25	0	2	0	0	2
26	0	2	0	0	2
27	0	2	0	0	2
28	0	2	0	0	2
29	0	2	0	0	2
30	0	2	0	0	2
31	0	0	0	0	0
Mean	0	2	0.6	0	1
Max.	0	3	2	0	3
Min.	0	0	0	0	0
A. F.	0	99	36	0	69
Estimated diversion 204 A. F.	Acresage Reported D-346		260		

CODY-DILLON DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	18	32	10
2	4	0	0	18	34	9
3	3	0	0	21	33	11
4	2	0	0	25	33	12
5	3	0	0	25	36	16
6	4	0	0	23	34	16
7	8	0	0	23	39	15
8	11	0	0	25	38	16
9	11	0	0	29	38	16
10	9	0	0	32	35	18
11	6	0	0	16	34	16
12	10	0	0	9	32	16
13	14	0	0	7	34	16
14	15	0	0	6	34	14
15	12	0	0	7	31	13
16	13	0	0	17	32	13
17	14	0	0	15	33	10
18	15	0	0	16	33	9
19	15	0	0	14	34	11
20	17	0	0	14	34	14
21	15	0	0	12	32	12
22	15	0	0	12	30	13
23	15	0	0	13	30	13
24	14	0	9	12	29	15
25	10	0	20	11	28	16
26	19	0	21	16	17	16
27	10	0	13	24	10	16
28	10	0	10	35	10	16
29	10	0	12	32	16	15
30	0	0	16	28	15	17
31	0	0	0	38	14	0
Mean	10	0	3	19	29	14
Max.	16	0	21	38	39	18
Min.	0	0	0	6	10	9
A. F.	590	0	200	1180	1810	830
Water diverted 4610 A. F.	Acresage Reported D-649		4660			

COLUMBUS POWER DIVERSION NEAR GENOA
Diverted from Loup River—Sec. 6-16-4 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1280	2420	1870	1470	536	2140	2260	2740	2560	1830	800	1660
2	1370	2250	1910	1510	1260	2160	2450	2590	2320	1700	760	1500
3	1370	2160	1550	1360	1960	1900	2180	2630	2740	1290	880	1410
4	1380	2040	1940	1450	2300	1010	2160	2030	2560	1080	728	1320
5	1410	1920	1960	1360	2430	1180	2220	1990	2820	2870	656	1320
6	1390	1910	1910	1400	1090	235	2140	1600	2960	2040	664	1390
7	1390	2090	1980	1200	2500	49	2180	560	2360	1640	648	1590
8	1370	1170	1960	760	2700	346	2080	1300	2750	1660	648	1550
9	1370	793	1960	776	2680	155	2320	1300	2950	1620	591	1440
10	1400	1600	1930	856	152	210	2500	1320	2540	1500	549	1440
11	1370	1900	1920	848	240	800	2900	1630	2290	980	542	1370
12	1340	1980	1920	848	382	1100	2880	1980	2140	1700	500	1410
13	1340	2160	456	928	322	1870	2670	2000	1900	2220	500	1510
14	1440	1940	180	1010	412	2380	2450	1920	1340	1940	465	1470
15	1310	1880	74	1100	521	1840	2680	2170	1860	1800	444	1440
16	1680	1850	74	1190	633	681	2940	2370	2170	1740	472	1750
17	1800	1830	138	1320	348	1920	2710	2210	2180	1670	521	1880
18	1570	1810	424	1480	1089	2000	2750	1920	2090	1680	535	1420
19	1550	1530	672	1570	1210	1180	2700	2130	2350	1660	514	1440
20	1590	1850	969	1640	1280	2130	2670	1860	2180	1470	619	1510
21	1430	1870	1260	1800	1300	2050	2500	2310	2180	1470	680	1460
22	1580	1930	1080	1860	1230	938	2500	2800	2170	1350	969	1400
23	1750	1900	987	1830	1200	2190	2880	3020	1960	1310	1430	1350
24	1680	1920	1110	1840	1590	2430	3200	2220	1810	1240	1740	1450
25	1640	1870	1270	1760	1340	2390	3160	2140	1720	1150	1800	1430
26	1730	2000	1280	744	1290	2320	3150	2380	1600	1220	1860	1490
27	1730	2040	1100	1290	1450	2430	3410	2220	1730	1350	1790	1480
28	1790	1310	1060	1440	1610	2340	2920	2180	1680	1270	1790	1470
29	1710	1620	1090	1620	1910	2140	2580	1950	2250	1110	1520	1460
30	1690	1920	1420	2190	-----	396	2630	1800	1800	996	1190	1490
31	2030	-----	1450	1550	-----	2140	-----	2030	-----	888	2360	-----
Mean	1548	1850	1255	1355	1302	1537	2620	2044	2199	1530	941	1473
Max.	2030	2420	1980	2190	2700	2430	3410	3020	2960	2870	2360	1850
Min.	1280	793	74	444	152	49	2080	560	1340	888	444	1320
A. F.	95170	110600	77160	83510	74890	94510	156400	125400	130800	94100	57850	37390
Water diverted 1188120 A. F.												

REPORT OF THE STATE ENGINEER

COURT HOUSE ROCK DIVERSION

From Pumpkinseed Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	23	15	0	19
2	0	23	20	0	19
3	0	23	20	0	19
4	0	23	14	0	20
5	0	23	10	0	24
6	0	23	10	0	15
7	0	23	10	0	15
8	0	24	10	0	13
9	0	23	11	8	13
10	0	20	20	14	13
11	0	14	17	15	13
12	0	14	8	14	13
13	0	14	8	14	12
14	0	14	7	15	12
15	0	14	7	19	12
16	0	14	6	17	12
17	0	13	6	16	12
18	0	9	6	16	13
19	0	4	6	16	13
20	0	4	6	16	13
21	0	4	6	16	13
22	0	4	6	26	13
23	10	4	3	26	13
24	22	4	9	9	13
25	23	3	6	15	13
26	23	3	1	20	13
27	22	11	0	20	13
28	22	18	8	19	13
29	21	18	4	19	13
30	22	16	1	19	13
31	24	—	0	19	—
Mean	6	14	8	13	14
Max.	24	24	20	26	24
Min.	0	3	0	0	12
A. F.	370	850	520	770	840
Water diverted	3350 A. F.	Acreage Reported			
		D-840, D-1028 1496			
		A-851 30			
		Total 1526			

COZAD DIVERSION

From Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	60	160	10
2	0	0	0	63	161	0
3	0	0	37	61	208	0
4	0	0	82	47	239	0
5	0	0	60	53	259	18
6	0	0	69	61	261	29
7	0	0	72	54	256	32
8	0	0	60	53	245	35
9	0	0	54	48	226	29
10	0	0	52	65	187	45
11	0	0	61	43	132	44
12	0	0	60	66	123	39
13	0	0	71	58	171	42
14	0	0	25	78	154	47
15	0	0	67	82	171	47
16	16	0	39	91	179	41
17	0	0	61	84	178	40
18	0	0	65	76	178	37
19	43	0	57	83	178	39
20	27	0	57	84	150	39
21	36	0	46	86	88	38
22	33	0	52	87	82	34
23	24	0	56	103	77	32
24	22	0	62	117	77	30
25	26	0	74	126	49	30
26	30	0	79	136	8	36
27	32	0	56	136	8	30
28	32	0	69	160	8	28
29	32	0	64	156	9	28
30	32	0	56	170	9	28
31	30	0	—	176	9	—
Mean	13	0	55	89	137	31
Max.	43	0	82	176	261	47
Min.	0	0	0	43	8	0
A. F.	820	0	3300	5480	8410	1830
Water diverted	19840 A. F.	Acreage Reported				
		D-626 25190				

CULBERTSON DIVERSION

From Frenchman River—1944

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	73	62	0	39	81	78	77
2	74	62	0	39	88	81	77
3	73	63	0	40	91	88	74
4	71	63	0	39	81	90	74
5	73	62	0	39	78	96	80
6	71	63	0	42	75	106	81
7	70	25	0	41	72	98	79
8	69	0	0	41	68	101	77
9	70	0	0	41	69	98	77
10	72	0	0	40	69	98	77
11	70	0	0	39	60	90	79
12	68	0	0	39	43	90	78
13	69	0	0	41	47	84	75
14	70	0	0	37	44	98	75
15	68	0	0	40	44	88	74
16	67	0	0	40	42	81	74
17	66	0	0	38	42	76	73
18	65	0	0	38	41	78	70
19	65	0	0	36	41	76	70
20	64	0	0	38	41	75	68
21	65	0	0	38	41	77	69
22	65	0	12	45	40	90	71
23	65	0	55	49	45	92	74
24	67	0	56	52	51	88	75
25	65	0	51	57	52	92	73
26	65	0	54	36	51	92	74
27	65	0	54	57	52	87	71
28	65	0	51	66	51	86	71
29	65	0	41	74	53	84	72
30	65	0	42	80	59	80	71
31	64	—	41	—	68	78	—
Mean	68	13	15	45	57	88	74
Max.	74	63	56	80	91	106	81
Min.	64	0	0	36	40	75	70
A. F.	4170	790	910	2660	3530	5390	4420

Water diverted 21870 A. F.
Acreage Reported
D-24, -25,
-29, -30 10600

DAWSON COUNTY DIVERSION
From Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	162	0	77	114	198	186
2	146	0	77	114	203	171
3	139	0	77	134	348	151
4	138	0	89	139	457	158
5	134	0	89	139	480	154
6	138	0	63	124	448	154
7	139	0	77	124	482	158
8	138	0	81	136	472	154
9	124	0	65	124	477	163
10	124	58	67	118	429	151
11	112	75	70	96	438	145
12	121	32	77	118	500	136
13	59	32	58	90	497	133
14	20	32	49	72	508	120
15	33	46	49	121	515	124
16	44	45	62	124	518	158
17	43	45	62	115	487	163
18	42	32	87	124	474	157
19	29	58	87	122	441	157
20	20	58	87	118	492	166
21	43	58	83	112	457	179
22	43	58	81	122	432	166
23	36	55	81	124	334	146
24	49	56	96	142	298	140
25	47	64	107	176	146	138
26	45	65	106	154	116	134
27	47	59	107	140	140	133
28	21	54	107	151	134	133
29	0	54	112	181	162	152
30	0	54	112	183	157	140
31	0	65	—	193	174	—
Mean	72	37	81	130	365	151
Max.	162	75	112	193	518	186
Min.	0	0	49	72	116	120
A. F.	4440	2200	4840	8020	22460	8970

Water diverted 51020 A. F.

Acreage Reported

D-621R	500
D-622	66805
D-624R	2600
A-2039	4953
A-2093	213
A-2110	18286
A-2145	985
A-2262	889

Total 95231

ELM CREEK DIVERSION
From Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	6	0	2	13	66	14
2	6	54	2	12	66	18
3	4	53	2	21	66	11
4	4	16	2	18	70	11
5	2	39	2	9	74	12
6	4	35	2	13	78	13
7	6	29	2	11	82	12
8	10	26	2	12	54	12
9	11	23	0	15	53	12
10	11	20	0	14	83	12
11	12	20	0	19	82	11
12	11	20	0	13	50	11
13	13	21	0	15	64	11
14	6	14	0	21	69	13
15	6	13	1	15	69	13
16	6	12	0	23	74	13
17	8	13	0	30	75	13
18	7	0	0	39	63	11
19	12	0	0	29	64	10
20	18	0	5	34	61	9
21	13	0	7	34	34	9
22	20	0	9	36	58	10
23	36	0	10	39	63	11
24	30	0	10	40	37	11
25	15	0	15	34	42	11
26	7	0	18	35	73	10
27	7	0	17	47	22	10
28	7	0	13	41	15	10
29	7	0	13	48	12	11
30	7	0	9	61	10	11
31	7	0	—	64	12	—
Mean	10	13	5	28	57	12
Max.	36	54	18	64	83	18
Min.	2	0	0	9	10	9
A. F.	630	\$10	280	1700	3510	690

Water diverted 7620 A. F.

Acreage Reported
A-2104 15730

EMPIRE DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	5	5	0	3
2	0	5	6	2	2
3	0	4	0	2	3
4	0	4	0	2	3
5	0	4	0	3	3
6	0	4	0	4	3
7	0	4	3	2	3
8	0	4	2	2	3
9	0	3	3	2	3
10	0	2	2	2	3
11	0	2	0	3	3
12	0	3	0	3	3
13	0	2	0	3	0
14	0	2	0	4	0
15	0	3	0	3	0
16	0	2	0	2	0
17	0	2	0	4	3
18	0	3	0	4	3
19	0	4	0	2	3
20	0	4	0	2	3
21	0	4	0	2	2
22	0	5	0	2	2
23	0	6	1	0	2
24	0	5	3	0	0
25	0	5	3	0	3
26	0	4	3	0	3
27	0	5	3	0	3
28	3	5	3	2	3
29	2	3	4	2	3
30	3	3	2	2	2
31	0	—	3	2	—
Mean	0.3	4	1	2	2
Max.	3	6	6	4	3
Min.	0	2	0	0	0
A. F.	20	220	90	120	140

Water diverted 590 A. F.

Acreage Reported
D-858 1640
A-866

*No report

REPORT OF THE STATE ENGINEER

ENTERPRISE DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	46	0	56	54	58	52
2	47	0	58	53	62	54
3	44	0	57	56	72	54
4	44	0	58	56	72	54
5	46	0	54	60	70	54
6	47	0	57	67	64	53
7	47	0	58	67	64	53
8	43	0	58	69	73	50
9	39	0	54	67	72	47
10	38	0	56	66	50	45
11	40	0	51	69	50	45
12	41	0	43	72	50	46
13	39	16	40	72	50	45
14	42	46	43	67	49	46
15	33	51	44	71	52	46
16	31	51	44	72	51	46
17	30	50	42	69	50	45
18	31	54	44	70	48	45
19	34	46	40	72	72	44
20	26	44	42	73	50	44
21	5	44	44	87	50	44
22	0	43	44	83	53	49
23	0	47	39	75	55	48
24	0	43	38	73	54	47
25	0	41	43	54	54	48
26	0	44	58	56	52	47
27	0	44	58	59	53	47
28	0	47	57	59	55	44
29	0	56	58	58	55	35
30	0	56	56	58	54	41
31	0	55	---	58	53	---
Mean	26	28	50	66	57	47
Max.	47	56	58	87	73	54
Min.	0	0	38	53	48	38
A. F.	1570	1740	2960	4060	3500	2820
Water diverted	16650	A. F.	Acreeage Reported	D-920	6753	

ENTERPRISE FEEDER
From Stewart and Morrill

Day	May	June	July	Aug.	Sept.
1	0	1	1	1	1
2	0	1	1	1	1
3	0	1	1	1	1
4	0	1	1	1	1
5	0	1	1	1	1
6	0	1	1	1	1
7	0	1	1	1	1
8	0	1	1	1	1
9	0	1	1	1	1
10	0	1	1	1	1
11	0	1	1	1	1
12	0	1	1	1	1
13	0	1	1	1	1
14	0	1	1	1	1
15	0	1	1	1	1
16	0	1	1	1	1
17	0	1	1	1	1
18	0	1	1	1	1
19	0	1	1	1	1
20	0	1	1	1	1
21	1	1	1	1	1
22	1	1	1	1	1
23	1	1	1	1	1
24	1	1	1	1	1
25	1	1	1	1	1
26	1	1	1	1	1
27	1	1	1	1	1
28	1	1	1	1	1
29	1	1	1	1	1
30	1	1	1	1	1
31	1	1	1	1	1
Mean	0.4	1	1	1	1
Max.	1	1	1	1	1
Min.	0	1	1	1	1
A. F.	22	60	61	61	60
Water diverted	264	A. F.			

ENTERPRISE FEEDER
From Wet Spotted Tail Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	8	9	9	9
2	0	8	9	9	9
3	0	8	9	10	9
4	0	8	9	10	9
5	0	8	9	10	9
6	0	8	9	11	9
7	0	8	9	11	9
8	0	8	9	12	9
9	0	8	9	12	9
10	0	8	9	12	9
11	0	9	9	11	9
12	0	9	9	11	9
13	0	9	9	10	9
14	8	9	9	10	9
15	8	9	9	10	9
16	8	10	9	9	9
17	8	10	9	9	9
18	8	10	9	9	9
19	8	10	9	9	9
20	8	10	9	9	9
21	8	10	9	9	9
22	8	9	9	9	10
23	8	9	9	9	10
24	8	9	9	9	10
25	8	9	9	9	10
26	8	9	9	9	10
27	8	9	9	9	10
28	8	9	9	9	10
29	8	9	9	9	10
30	8	9	9	9	10
31	8	9	9	9	10
Mean	5	9	9	10	9
Max.	8	10	9	12	10
Min.	0	8	9	9	9
A. F.	285	530	555	600	553
Estimated diversion	2325	A. F.			

ENTERPRISE FEEDER
From Tub Springs—1944

Day	May	June	July	Aug.	Sept.
1	0	7	16	43	36
2	0	12	10	34	37
3	0	23	5	26	38
4	0	19	0	32	36
5	0	15	29	34	25
6	0	17	37	41	26
7	0	13	33	32	30
8	0	5	0	25	35
9	0	0	0	38	35
10	0	0	0	30	28
11	0	0	0	19	26
12	0	0	0	17	25
13	0	0	0	19	19
14	0	0	0	25	22
15	0	0	0	33	19
16	0	0	0	39	13
17	0	0	9	29	9
18	0	0	0	25	10
19	0	0	6	33	7
20	0	0	0	40	6
21	0	0	0	40	10
22	0	10	7	37	8
23	0	18	0	0	0
24	0	0	0	9	2
25	0	0	0	0	4
26	9	11	0	0	0
27	17	9	9	4	0
28	17	4	17	5	0
29	15	19	16	33	0
30	22	22	20	49	0
31	4	---	31	47	---
Mean	3	7	7	27	17
Max.	22	23	37	49	38
Min.	0	0	0	0	0
A. F.	170	400	470	1660	1010
Estimated diversion	3710	A. F.			

GOTHENBURG POWER RETURN
To Platte River—Sec. 9-11-25 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	119	91	61	79	88	117	123	33	103	93	74
2	104	100	91	71	91	104	98	105	27	82	96	70
3	101	96	82	95	120	101	97	84	50	76	76	67
4	99	93	84	78	122	30	117	92	60	82	63	61
5	100	87	86	62	132	42	120	108	82	86	60	56
6	99	101	76	52	74	49	123	107	92	107	64	49
7	99	73	78	44	99	36	134	148	107	111	71	46
8	99	32	93	51	135	26	118	127	131	107	58	37
9	89	76	84	39	110	61	129	141	122	99	51	44
10	95	118	74	50	32	79	128	147	123	103	47	106
11	73	88	81	47	19	124	94	108	129	113	50	111
12	95	88	91	46	21	115	117	76	127	139	56	109
13	111	76	65	37	62	115	129	139	142	104	58	115
14	132	78	46	36	97	77	146	132	137	95	58	116
15	136	79	44	44	95	30	88	137	119	107	57	129
16	142	76	42	49	69	28	134	139	128	143	56	127
17	140	81	67	55	58	59	127	134	125	124	58	137
18	136	83	84	66	77	83	138	137	110	83	70	125
19	139	77	96	83	72	46	140	123	103	84	76	155
20	165	76	100	92	91	92	139	131	67	86	73	147
21	135	75	91	112	84	119	127	120	48	82	96	108
22	135	75	82	114	98	25	129	107	42	91	104	141
23	120	80	59	97	109	74	146	111	42	93	135	147
24	111	90	46	97	104	139	91	130	57	123	145	152
25	120	85	70	116	119	101	122	71	83	131	147	154
26	117	80	60	124	93	103	111	86	78	115	156	153
27	120	54	85	131	87	40	93	52	85	121	159	141
28	129	76	40	61	50	94	88	46	98	120	81	139
29	120	66	60	69	80	19	98	58	90	106	83	147
30	130	93	58	64	64	34	139	56	83	90	81	148
31	140	.....	60	74	.....	62	.....	32	.....	90	76	.....
Mean	117	83	73	72	85	71	119	107	91	103	82	110
Max.	165	119	100	131	135	139	146	148	142	143	159	155
Min.	73	32	40	36	19	19	88	32	27	76	47	37
A. F.	7190	4910	4490	4400	4920	4350	7090	6560	5400	6340	5070	6570

Water returned 67290 A. F.
D-645a, power.

GRAF DIVERSION
From Blue Creek—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	21	0	0	13	19	0
2	21	0	6	13	24	0
3	20	0	4	16	28	0
4	18	0	5	25	26	0
5	18	0	12	20	21	0
6	19	0	11	16	22	0
7	18	0	13	21	13	0
8	22	0	17	32	13	0
9	22	0	9	0	18	0
10	20	0	7	0	13	0
11	18	0	6	9	15	0
12	16	0	6	7	15	9
13	16	0	6	6	9	0
14	13	0	6	5	7	0
15	11	0	4	11	8	0
16	9	0	7	19	20	0
17	7	0	9	17	21	0
18	5	0	8	16	21	0
19	3	0	4	16	20	0
20	3	0	6	18	24	0
21	3	0	6	18	26	0
22	3	0	5	19	31	17
23	3	0	3	12	9	21
24	3	0	4	9	2	18
25	3	0	11	16	1	13
26	3	0	17	14	0	13
27	3	0	10	14	0	6
28	3	0	8	15	0	5
29	3	0	6	8	0	8
30	3	3	11	12	0	11
31	3	0	—	24	0	—
Mean	11	0.	8	14	14	4
Max.	22	3	17	32	31	21
Min.	3	0	0	0	0	0
A. F.	660	6	450	870	840	220

Water diverted 3046 A. F.
Acreage Reported
D-788 1989
D-781R 15
D-763R 85

Total 2089

BUREAU OF IRRIGATION

HOOPER DIVERSION From Blue Creek—1944							
Day	Oct.	May	June	July	Aug.	Sept.	
1	10	0	11	12	11	13	
2	10	0	4	12	11	12	
3	11	0	2	13	12	12	
4	12	0	3	12	14	9	
5	13	0	10	14	15	11	
6	16	0	11	13	14	13	
7	13	0	10	9	12	12	
8	14	0	6	6	13	13	
9	13	0	0	10	12	11	
10	13	0	0	10	12	9	
11	13	0	2	11	12	3	
12	14	0	4	4	12	3	
13	16	0	4	8	10	3	
14	16	0	6	15	12	3	
15	16	0	4	14	13	3	
16	15	6	0	14	11	2	
17	15	0	0	13	12	2	
18	16	9	1	15	12	2	
19	17	11	7	15	13	2	
20	17	12	5	15	15	3	
21	17	11	5	11	2	13	
22	16	10	7	7	10	13	
23	16	11	9	15	5	12	
24	16	13	11	12	1	14	
25	15	17	12	14	1	14	
26	15	15	12	13	1	14	
27	15	14	13	15	4	14	
28	14	15	12	15	8	12	
29	13	14	13	13	7	12	
30	12	14	14	8	8	12	
31	11	13	—	6	8	—	
Mean	14	6	6	12	10	9	
Max.	17	17	14	15	15	14	
Min.	10	0	0	4	1	2	
A. F.	870	370	380	720	600	550	
Water diverted 3490 A. F.				Acreage Reported			
				D-781	771		
				D-788R	19		
Total							790

HURLY-LILLY-POLLY DIVERSION From Lodgepole Creek—1944							
Day	May	June	July	Aug.	Sept.		
1	0	1	1	0	2		
2	0	1	1	0	2		
3	0	1	1	0	3		
4	0	1	0	0	2		
5	0	1	0	0	3		
6	0	1	0	0	3		
7	0	1	0	0	3		
8	0	0	0	0	3		
9	0	0	1	0	2		
10	0	0	0	0	2		
11	0	0	0	0	1		
12	0	0	0	0	1		
13	0	0	0	0	1		
14	0	0	0	0	3		
15	0	0	0	0	1		
16	0	0	0	2	3		
17	0	0	0	4	3		
18	0	0	0	2	3		
19	0	0	0	1	3		
20	0	1	0	1	3		
21	0	1	0	1	3		
22	0	1	0	1	3		
23	1	1	0	1	3		
24	1	1	0	1	3		
25	1	1	0	1	3		
26	1	1	0	1	3		
27	1	1	0	1	3		
28	1	1	0	1	3		
29	1	1	0	1	3		
30	1	1	0	2	3		
31	1	—	—	—	—		
Mean	0.3	0.4	0.1	0.7	3		
Max.	1	1	1	4	3		
Min.	0	0	0	0	1		
A. F.	16	22	8	46	155		
Estimated diver- sion 247 A. F.				Acreage Reported			
				D-354	180		

INTERSTATE DIVERSION From North Platte River—1944							
Day	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	887	901	1500	1640	1990	1730
2	0	890	898	1530	1720	2010	1760
3	0	890	898	1510	1710	2020	1780
4	0	887	903	1480	1750	2020	1790
5	0	887	901	1430	1750	2010	1790
6	0	898	901	1370	1760	2010	1770
7	0	887	901	1370	1820	2010	1700
8	0	895	903	1370	1840	2010	1650
9	0	893	895	1360	1680	2030	1600
10	0	903	903	1250	1550	2030	1570
11	0	898	975	1110	1480	2030	1560
12	0	895	1000	964	1230	2030	1480
13	0	895	1010	859	1200	2030	1470
14	0	895	1090	715	1250	2020	1450
15	0	893	1100	592	1350	2010	1410
16	0	893	1100	531	1460	2010	1390
17	0	898	1100	537	1540	2030	1350
18	0	898	1100	555	1800	2030	1330
19	0	895	1100	618	1880	2030	1330
20	0	898	1100	745	1960	2030	1330
21	0	903	1110	912	1990	2030	1330
22	0	906	1110	1100	1990	2020	1330
23	163	903	1100	1170	1990	2030	1330
24	513	903	1100	1180	2000	1970	1330
25	782	898	1110	1220	2000	1970	1280
26	857	914	1110	1340	1970	1770	1200
27	887	903	1130	1540	1950	1710	1210
28	898	903	1150	1650	1950	1710	1210
29	909	909	1250	1610	1940	1720	1220
30	898	906	1330	1610	1960	1720	461
31	879	—	1410	—	1990	1720	—
Mean	219	897	1051	1158	1745	1957	1438
Max.	909	909	1410	1650	2000	2030	1790
Min.	0	887	895	531	1200	1710	461
A. F.	13460	53400	64640	68880	107310	120320	85570

Water diverted 513580 A. F.
Acreage Reported
A-768 *16070
†95700
*Lingle-Hill Dis-
trict and other
Wyoming lands.
†in Nebraska.

REPORT OF THE STATE ENGINEER

KEARNEY DIVERSION
From Platte River, Buffalo and Elm Creeks—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	274	318	6	150	164	299	66	287	0	22	49	25
2	274	338	21	100	203	299	228	298	1	64	44	28
3	360	324	210	130	197	282	211	81	3	61	38	28
4	206	326	264	150	179	125	200	186	40	11	33	31
5	150	334	308	150	240	69	204	206	66	60	30	31
6	292	342	320	95	252	79	190	264	56	86	53	28
7	257	325	317	120	234	86	180	244	47	39	80	33
8	280	330	324	100	228	79	174	217	2	26	89	26
9	285	256	317	110	150	113	155	276	0	40	71	26
10	263	344	307	120	50	152	116	251	0	43	65	28
11	287	315	176	180	160	240	147	234	0	80	90	30
12	298	322	150	230	160	220	191	185	0	49	77	34
13	256	370	170	230	150	190	188	214	0	56	62	25
14	302	360	100	220	110	220	226	290	0	71	49	2
15	304	342	100	200	150	120	269	41	0	51	59	0
16	312	315	130	190	160	130	290	0	0	37	69	6
17	299	294	340	150	180	170	252	0	0	44	74	37
18	283	299	170	200	200	180	252	0	0	90	71	17
19	362	309	170	240	190	70	255	0	5	81	79	18
20	292	312	170	210	210	180	259	0	30	42	102	21
21	352	330	200	230	240	182	280	0	54	47	84	18
22	330	328	210	220	240	56	272	0	46	90	111	17
23	329	307	150	230	290	147	290	0	46	87	48	17
24	337	329	160	200	330	210	342	0	42	92	43	10
25	334	334	200	230	233	180	280	0	38	79	43	1
26	325	263	160	182	239	140	292	0	35	78	49	0
27	307	96	210	163	281	80	283	0	36	94	44	0
28	313	24	170	109	270	110	283	0	57	85	20	0
29	315	14	150	123	296	110	300	0	81	48	7	0
30	317	16	170	106	80	299	0	34	49	20	0	0
31	317	---	120	81	---	40	---	0	---	50	22	---
Mean	297	284	186	166	206	150	232	106	24	60	57	18
Max.	362	370	324	240	330	290	342	298	81	94	111	37
Min.	150	14	6	81	50	40	66	0	0	11	7	0
A. F.	18270	16890	11440	10230	11870	9200	13830	6490	1430	3670	3520	1070

Acre-foot of Water Diverted:—											
										\$05	
For irrigation										107105	
For power										4207	
Total										107910	
										D-1023	
										D-1023	
										A-1577	
										*Power	

KEARNEY POWER RETURN
To Platte River—Sec. 12-S-16 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	218	286	0	123	172	308	67	275	0	39	2	10
2	231	311	0	100	212	319	213	292	0	58	2	8
3	297	299	237	123	206	322	182	51	0	62	2	10
4	229	300	317	159	177	72	229	148	0	45	2	10
5	106	315	244	130	231	61	180	166	16	48	2	10
6	223	319	317	100	264	46	170	229	27	88	2	10
7	224	315	338	110	237	70	160	234	50	47	2	10
8	227	18	362	100	245	67	160	182	58	40	2	10
9	240	195	342	110	206	125	140	268	8	40	2	10
10	227	326	326	142	41	126	124	251	0	31	2	10
11	232	293	250	166	60	248	195	207	0	61	2	10
12	264	321	297	224	149	237	219	184	0	46	2	10
13	231	290	231	218	125	206	200	194	0	47	1	10
14	275	324	135	207	109	240	251	290	0	58	1	0
15	264	304	89	176	141	110	280	114	0	57	1	0
16	283	295	129	206	146	135	302	0	0	51	1	0
17	273	293	133	170	180	176	229	0	0	40	12	5
18	235	285	180	192	189	195	245	0	0	51	25	5
19	297	285	164	232	177	75	235	0	0	54	38	10
20	281	278	164	161	188	175	247	0	0	41	51	52
21	275	285	169	231	256	177	259	0	41	51	54	19
22	311	278	215	210	285	34	248	0	34	80	64	0
23	326	304	121	229	255	135	344	0	29	76	50	16
24	293	292	93	180	251	216	340	0	30	76	45	15
25	295	304	166	242	251	243	285	0	30	67	49	0
26	271	189	152	212	293	210	328	0	30	63	48	0
27	256	100	216	183	293	161	280	0	30	65	51	0
28	259	51	204	128	280	253	268	0	32	64	16	0
29	256	50	136	155	308	155	271	0	74	56	0	0
30	266	0	177	145	---	125	264	0	55	52	0	0
31	264	---	117	35	---	42	---	0	---	51	10	---
Mean	256	250	197	165	204	164	231	100	18	55	17	8
Max.	326	326	362	242	308	322	344	292	74	88	64	19
Min.	105	0	0	35	41	34	67	0	0	31	1	0
A. F.	15730	14890	12140	10120	11760	10060	13720	6120	1080	3380	1070	495

Water returned 100565 A. F.

BUREAU OF IRRIGATION

KEITH-LINCOLN COUNTY DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	55	0	52	61	33	73
2	60	0	50	69	77	77
3	65	0	39	81	77	74
4	65	0	40	34	77	75
5	65	0	46	81	74	77
6	69	0	39	73	77	72
7	73	0	38	86	75	72
8	73	0	34	73	81	69
9	76	0	32	67	81	69
10	75	0	31	66	34	72
11	74	0	29	61	30	73
12	73	0	26	49	30	73
13	71	0	23	58	30	69
14	70	0	24	57	81	72
15	67	0	30	67	73	73
16	63	0	30	76	80	69
17	58	0	31	75	82	65
18	53	0	31	73	81	65
19	47	0	31	73	81	65
20	42	0	30	70	33	63
21	37	0	28	70	79	65
22	32	0	29	77	77	63
23	28	0	35	76	80	53
24	23	0	50	86	73	55
25	19	0	54	93	69	65
26	14	0	53	87	72	75
27	9	0	49	85	81	81
28	4	0	50	84	75	77
29	0	0	56	91	74	73
30	0	0	61	88	72	73
31	0	15	—	85	69	—
Mean	47	0	38	73	78	70
Max.	76	15	61	93	84	77
Min.	0	0	23	57	69	53
A. F.	2900	30	2280	4480	4790	4160
Water diverted 18640 A. F.				Acrcage Reported D-722		6049

KIMBALL DIVERSION, NORTH
From Lodgepole Creek and Oliver
Reservoir—1944

Day	May	June	July	Aug.	Sept.
1	0	0	13	11	0
2	0	0	14	11	0
3	0	0	13	9	5
4	0	0	5	8	6
5	0	0	11	8	5
6	0	0	11	8	5
7	0	0	11	8	7
8	0	0	11	8	7
9	0	0	7	8	8
10	0	0	0	8	5
11	0	0	0	7	0
12	0	0	0	7	0
13	0	0	0	7	0
14	0	0	0	7	0
15	0	0	0	7	0
16	0	0	0	7	0
17	0	0	0	3	0
18	0	0	0	0	0
19	0	0	10	6	0
20	0	0	9	6	0
21	0	0	9	6	2
22	0	0	9	0	6
23	0	6	9	0	7
24	0	7	9	0	8
25	0	15	10	0	8
26	0	13	11	0	5
27	0	13	10	0	0
28	0	14	14	0	0
29	0	14	13	0	0
30	0	13	13	0	0
31	0	—	14	0	—
Mean	0	3	8	5	3
Max.	0	15	14	11	8
Min.	0	0	0	0	0
A. F.	0	190	470	300	165
Water diverted 1125 A. F.			Acrcage Reported A-397		1190

KIMBALL DIVERSION, SOUTH
From Lodgepole Creek and Oliver
Reservoir—1944

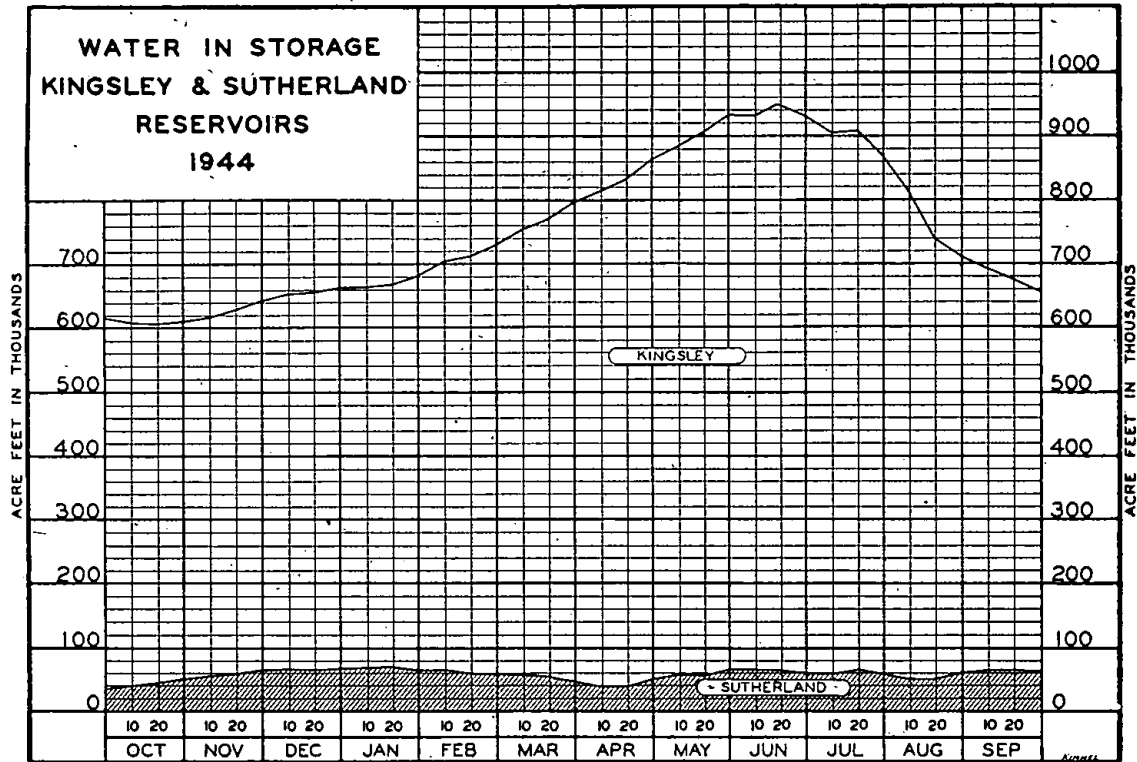
Day	May	June	July	Aug.	Sept.
1	0	0	27	6	11
2	0	0	29	26	20
3	0	0	28	29	25
4	0	0	5	32	24
5	0	0	0	31	23
6	0	0	0	31	24
7	0	0	0	31	27
8	0	0	0	31	26
9	0	0	0	31	24
10	0	0	0	30	21
11	0	0	0	31	13
12	0	0	0	32	0
13	0	0	0	31	0
14	0	0	0	31	0
15	0	0	0	31	0
16	0	0	0	32	0
17	0	0	0	32	0
18	0	0	0	33	0
19	0	0	5	30	0
20	0	0	7	29	0
21	0	0	8	30	28
22	0	0	8	33	24
23	0	16	8	33	26
24	0	13	11	30	24
25	0	23	0	21	21
26	0	26	14	10	0
27	0	24	14	0	0
28	0	27	23	0	0
29	0	27	23	0	0
30	0	26	28	0	0
31	0	—	27	8	—
Mean	0	6	8	24	9
Max.	0	27	29	33	28
Min.	0	0	0	0	0
A. F.	0	360	525	1500	715

Water diverted 3100 A. F.
Acrcage Reported
A-397 3260

KINGSLEY STORAGE RESERVOIR

Daily Contents in Acre-feet—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	582720	559950	579470	596340	618940	673700	757030	816420	869010	869010	804180	647720
2	581090	559950	580280	596340	620590	677190	759790	818640	863210	866060	798610	646020
3	579470	560280	581090	596340	622280	678930	762410	820870	870000	863120	793050	644330
4	577840	560760	581900	596340	623980	680680	764770	821980	870000	861150	789120	642630
5	576210	560760	583530	596340	625680	684170	766340	823090	870000	859180	785190	640940
6	574590	561580	585160	596340	629070	689400	767910	823760	869010	856240	780480	638550
7	572960	562060	586780	596340	634160	692950	771050	824870	868030	853930	775760	635850
8	572150	562390	587600	596670	637550	694730	773410	825990	867050	851960	771050	633280
9	571340	562880	588410	596670	639240	696500	775760	826650	867050	849350	766340	630760
10	569710	563200	589250	596670	640090	697410	777340	828660	868030	846400	759790	629070
11	568900	563200	590060	596670	640940	698270	778910	829770	870000	846400	752440	627370
12	568080	564020	590570	596670	642630	700050	780480	832000	871960	846400	743250	625440
13	567270	564810	590900	596670	644330	701820	782060	834220	872940	847390	735910	623130
14	566460	565160	591230	596670	646020	703600	783620	836450	874910	847980	728560	621610
15	565640	565640	591720	596670	646870	705370	785980	837560	878870	847390	721340	620590
16	564830	566130	591720	596670	646870	707140	788340	839520	881870	846400	714240	617620
17	564020	567270	591720	596670	647720	708080	790690	841490	883860	846400	707140	615970
18	563200	568900	591720	597160	649420	710690	793050	844440	883860	846400	700050	614160
19	562440	569380	591720	598320	651110	714240	795280	847390	883860	845820	692950	612610
20	561580	570520	591720	600800	652810	717790	796390	850330	883860	843460	685910	612180
21	561580	571340	594200	602440	654500	721340	797500	853290	884960	841490	678930	610990
22	560760	572310	595020	604090	656250	724880	799730	855250	884860	839520	672830	607890
23	561580	572960	595020	605740	657990	728560	801950	857220	884960	837560	671080	606240
24	560760	573770	595020	607390	659740	732230	804180	858200	883360	835330	667590	604420
25	560760	574590	595020	609040	663230	735910	806400	860170	882660	833110	664100	602610
26	560280	575400	595020	612340	664970	739580	808630	863120	881670	829770	661480	600790
27	560280	576210	595840	613990	666720	743250	809740	866060	880470	826430	658870	599470
28	560280	577030	595840	615640	668460	746010	810850	867050	877870	824210	656250	597500
29	559950	577840	595840	617290	671080	748760	811970	868030	874910	820870	654500	596140
30	559950	578650	596340	617290	-----	751520	814190	868220	871960	815300	652810	594200
31	559950	-----	596340	617290	-----	754280	-----	869210	-----	809740	650260	-----



REPORT OF THE STATE ENGINEER

KINNEY DIVERSION NO. 1, SOUTH
From Lodgepole Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	0	3	0	4
2	0	0	3	0	4
3	0	0	3	0	4
4	0	0	3	0	4
5	0	2	3	0	4
6	0	2	3	3	3
7	0	2	3	3	4
8	0	0	3	3	4
9	0	0	3	3	4
10	0	0	3	3	4
11	0	0	3	3	4
12	0	2	0	3	3
13	0	2	0	3	2
14	0	2	0	3	2
15	0	2	1	3	2
16	0	2	0	3	2
17	0	2	0	4	3
18	0	2	0	4	3
19	0	2	0	4	3
20	0	2	0	4	3
21	0	2	0	4	3
22	0	2	0	5	3
23	0	2	0	5	3
24	0	2	0	3	3
25	0	2	0	5	4
26	0	2	0	5	4
27	0	2	0	4	4
28	0	3	0	3	4
29	0	3	0	3	4
30	0	3	0	3	4
31	0	-	0	3	-
Mean	0	1	1	3	3
Max.	0	3	3	5	4
Min.	0	0	0	0	2
A. F.	0	73	65	182	202

Estimated diversion 522 A. F.
 Acreage Reported
 D-345 135
 D-350 *
 A-71SR 48
 A-182S *
 Total 183
 *No report

KINNEY DIVERSION NO. 2, NORTH
From Lodgepole Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	2	2	0	1
2	0	2	2	0	1
3	0	0	2	0	2
4	0	1	2	0	0
5	0	1	2	0	2
6	0	1	2	0	2
7	0	1	1	0	2
8	0	2	1	0	2
9	0	1	1	0	2
10	0	1	2	0	2
11	0	2	2	0	2
12	0	2	0	0	2
13	0	2	0	0	2
14	0	2	0	0	2
15	0	2	0	0	2
16	0	2	0	0	2
17	0	2	0	0	2
18	3	2	0	0	2
19	3	2	0	0	2
20	3	1	0	0	2
21	3	2	0	0	1
22	3	2	0	0	1
23	3	2	0	0	1
24	3	2	0	0	1
25	3	2	0	0	2
26	2	2	0	0	2
27	2	2	0	0	2
28	2	2	0	0	2
29	2	2	0	0	2
30	2	2	0	1	2
31	1	-	0	1	-
Mean	1	2	0.6	0.1	2
Max.	3	2	2	2	2
Min.	0	1	0	0	1
A. F.	69	101	38	4	105
Estimated diversion 317 A. F.					
Acreage Reported					
D-348					182
A-71S					54

LAST CHANCE DIVERSION
From Pumpkinseed Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	7	1	5	3
2	0	6	1	5	3
3	0	6	0	6	5
4	0	6	0	4	8
5	0	6	0	5	2
6	0	6	0	4	3
7	0	7	0	4	0
8	0	6	0	2	0
9	0	5	0	2	0
10	0	5	0	3	2
11	0	2	0	5	2
12	0	1	0	5	2
13	0	1	0	5	4
14	0	0	0	5	5
15	0	0	0	4	7
16	0	0	0	3	6
17	0	0	0	3	6
18	0	0	0	4	6
19	0	0	0	5	7
20	0	0	0	6	7
21	0	0	0	6	7
22	0	0	0	4	8
23	0	0	0	2	8
24	0	0	0	4	8
25	0	0	2	2	8
26	7	6	6	3	8
27	10	5	7	3	7
28	8	2	6	3	6
29	8	1	4	3	4
30	7	1	6	3	4
31	6	-	6	3	-
Mean	1	3	1	4	5
Max.	10	7	7	6	8
Min.	0	0	0	2	0
A. F.	90	160	80	240	290
Water diverted 860 A. F.					
Acreage Reported					
D-833					453

BUREAU OF IRRIGATION

LISCO DIVERSION							
From North Platte River—1944							
Day	Oct.	May	June	July	Aug.	Sept.	
1	20	0	18	32	36	24	
2	21	0	14	31	30	26	
3	21	0	18	39	14	24	
4	21	0	21	31	29	15	
5	21	0	22	34	32	11	
6	20	0	25	26	31	12	
7	16	0	15	9	31	12	
8	13	0	0	15	30	14	
9	12	0	0	16	27	4	
10	10	0	0	0	26	2	
11	12	0	0	0	27	2	
12	5	0	0	0	27	8	
13	0	0	0	0	26	14	
14	0	0	0	0	29	13	
15	0	0	0	0	36	13	
16	0	0	0	0	38	13	
17	0	17	0	0	35	14	
18	0	13	0	14	38	16	
19	0	13	0	12	32	18	
20	0	8	0	11	27	19	
21	0	7	0	10	31	19	
22	0	9	0	15	18	18	
23	0	14	0	19	18	18	
24	0	18	0	13	14	20	
25	0	2	0	11	15	19	
26	0	9	25	19	15	19	
27	0	8	36	20	19	19	
28	0	8	35	19	18	18	
29	0	10	35	21	18	18	
30	0	15	34	30	15	20	
31	0	18	—	35	20	—	
Mean	6	6	10	16	26	15	
Max.	21	18	36	39	38	26	
Min.	0	0	0	0	14	2	
A. F.	380	340	590	960	1590	920	
Water diverted 4780 A. F.				Acreage Reported			
				D-787	1263		
				D-856	1391		
				A-243R	635		
				A-991	216		
Total				3510			

LISCO FEEDER							
From Coldwater Creek—1944							
Day	May	June	July	Aug.	Sept.		
1	0	3	3	2	2	2	
2	0	3	3	2	2	2	
3	0	3	3	2	2	2	
4	0	3	0	2	2	2	
5	0	0	0	2	2	2	
6	0	0	0	2	2	1	
7	0	0	0	2	2	1	
8	0	0	2	2	2	2	
9	0	1	0	2	2	2	
10	0	2	3	2	2	2	
11	0	2	2	2	2	2	
12	0	2	2	2	2	2	
13	0	2	2	2	2	0	
14	0	2	2	2	2	0	
15	0	2	2	2	2	0	
16	0	2	2	2	2	0	
17	0	2	2	2	2	0	
18	3	2	2	2	2	0	
19	3	2	2	2	2	0	
20	3	2	2	2	2	0	
21	3	2	2	2	2	0	
22	3	2	2	2	0	0	
23	3	3	2	0	2	2	
24	3	3	2	0	0	1	
25	3	3	2	0	0	0	
26	3	3	0	0	0	0	
27	3	3	1	0	0	0	
28	3	3	1	0	0	0	
29	3	3	2	0	0	0	
30	3	3	2	0	0	0	
31	3	—	2	0	0	—	
Mean	1	2	2	1	1	1	
Max.	3	3	3	2	2	2	
Min.	0	0	0	0	0	0	
A. F.	77	125	111	81	50	50	
Water diverted 444 A. F.				Acreage Reported			
				D-796	300		

LYONS DIVERSION							
From North Platte River—1944							
Day	Oct.	May	June	July	Aug.	Sept.	
1	13	0	0	8	9	0	
2	14	0	0	6	9	0	
3	16	0	0	8	11	7	
4	17	0	0	12	9	11	
5	17	0	0	14	8	12	
6	16	0	0	13	7	10	
7	15	0	0	13	9	11	
8	14	0	0	10	10	12	
9	12	0	0	8	9	13	
10	11	0	0	10	8	13	
11	10	0	0	12	9	11	
12	11	0	10	14	12	8	
13	16	0	5	11	11	9	
14	17	0	5	7	11	8	
15	20	0	0	6	12	8	
16	20	0	0	5	15	7	
17	22	0	0	7	16	6	
18	20	0	0	7	15	6	
19	17	0	0	6	13	6	
20	0	0	0	5	14	7	
21	0	0	0	5	15	10	
22	0	0	0	4	13	9	
23	0	0	0	4	12	9	
24	0	0	0	1	7	9	
25	0	0	0	4	0	10	
26	0	0	0	3	0	11	
27	0	0	0	2	0	12	
28	0	0	0	5	0	11	
29	0	0	7	12	0	10	
30	0	0	9	12	0	10	
31	0	0	—	11	0	—	
Mean	10	0	1	8	9	9	
Max.	22	0	10	14	16	13	
Min.	0	0	0	1	0	0	
A. F.	590	0	70	490	520	530	
Water diverted 2200 A. F.				Acreage Reported			
				D-803	2218		

MEREDITH-AMMER DIVERSION							
From Pumpkinseed Creek—1944							
Day	May	June	July	Aug.	Sept.		
1	0	7	2	9	4		
2	0	11	6	9	7		
3	0	11	0	9	7		
4	0	9	0	9	2		
5	0	9	0	9	3		
6	0	9	0	9	2		
7	0	10	0	9	2		
8	0	7	0	8	2		
9	0	7	0	8	2		
10	0	4	0	8	6		
11	0	2	0	8	6		
12	0	3	0	10	7		
13	0	0	0	10	7		
14	0	0	0	9	6		
15	0	0	0	9	7		
16	0	0	0	8	6		
17	0	0	0	8	6		
18	0	0	0	10	2		
19	0	0	1	9	2		
20	0	0	1	9	3		
21	4	0	9	9	3		
22	7	0	8	11	6		
23	8	0	2	9	6		
24	7	0	2	5	6		
25	10	0	2	4	6		
26	9	2	1	1	2		
27	10	2	5	1	1		
28	10	4	4	1	1		
29	10	4	4	0	1		
30	10	3	8	1	0		
31	11	—	10	1	—		
Mean	3	3	2	7	4		
Max.	11	11	10	11	7		
Min.	0	0	0	0	0		
A. F.	190	210	130	440	240		
Water diverted 1210 A. F.				Acreage Reported			
				D-876	381		

MIDLAND-OVERLAND DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	0	19	9
2	0	3	0	18	9
3	0	3	1	19	9
4	0	0	13	16	9
5	0	0	23	12	12
6	0	25	24	9	10
7	0	25	22	8	9
8	0	25	22	8	9
9	0	25	24	7	9
10	0	25	29	6	10
11	0	25	29	5	10
12	0	25	28	4	10
13	0	23	18	1	10
14	0	23	13	0	9
15	0	22	15	12	9
16	0	18	13	25	8
17	0	15	10	25	8
18	0	12	9	21	8
19	0	12	7	22	9
20	0	10	7	22	8
21	0	9	6	24	8
22	0	9	6	24	7
23	0	6	5	22	8
24	0	4	5	16	8
25	0	4	7	17	9
26	0	4	7	16	10
27	0	0	7	14	10
28	0	0	7	14	9
29	8	2	8	13	9
30	0	0	18	11	9
31	0	0	20	10	9
Mean	0	12	13	14	9
Max.	8	25	29	25	12
Min.	0	0	0	0	7
A. F.	20	700	\$10	\$80	\$40
Water diverted 2950 A. F.			Acreage Reported D-789	1000	
			D-791	698	

Total 1898

MINATARE DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	64	93	58	48
2	0	65	100	76	49
3	0	66	86	80	46
4	0	77	81	86	48
5	0	80	65	88	50
6	0	67	51	84	53
7	0	74	53	84	50
8	0	52	61	81	40
9	0	49	46	90	39
10	0	42	38	94	49
11	0	36	45	100	48
12	0	24	44	100	50
13	0	20	40	95	41
14	0	20	40	75	37
15	0	34	37	767	42
16	0	42	36	59	47
17	0	39	30	60	48
18	0	33	44	61	48
19	0	29	53	69	51
20	0	42	59	65	50
21	0	48	55	70	50
22	0	21	66	110	55
23	0	27	70	98	58
24	0	63	69	72	50
25	43	56	71	66	43
26	24	67	54	22	44
27	46	88	63	0	44
28	18	89	69	15	53
29	43	88	67	50	57
30	68	91	65	43	53
31	71	—	64	42	—
Mean	10	53	59	70	48
Max.	71	91	100	110	58
Min.	0	20	30	0	37
A. F.	620	\$160	\$600	\$420	\$260
Water diverted 14530 A. F.			Acreage Reported D-919	7633	

MITCHELL DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	144	211	187	180
2	0	183	209	188	180
3	0	197	207	188	180
4	0	197	207	192	182
5	0	197	202	192	183
6	0	196	207	192	183
7	0	197	204	193	184
8	0	168	176	193	184
9	0	143	182	195	184
10	0	134	164	195	186
11	0	121	151	196	183
12	0	101	139	192	184
13	0	89	116	191	188
14	0	77	118	192	186
15	0	66	126	193	180
16	0	62	127	195	150
17	0	59	128	193	61
18	0	56	128	196	8
19	0	58	138	195	0
20	0	61	184	192	0
21	0	70	190	191	0
22	0	77	191	193	0
23	0	88	190	192	0
24	73	114	187	195	0
25	98	145	188	192	0
26	91	145	188	184	0
27	91	191	187	182	0
28	95	207	188	179	0
29	94	211	187	179	0
30	121	213	188	176	0
31	135	—	188	178	—
Mean	25	132	174	190	99
Max.	135	213	211	196	188
Min.	0	56	116	176	0
A. F.	1580	7870	10700	11680	5880
Water diverted 37710 A. F.			Acreage Reported D-1052	13609	

NINE MILE DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	80	0	55	60	86	58
2	84	0	55	64	77	57
3	83	0	60	69	75	55
4	83	0	65	110	75	56
5	84	0	62	99	74	60
6	82	0	65	72	80	61
7	81	0	59	70	82	62
8	61	0	74	82	79	61
9	0	0	60	48	79	59
10	0	0	52	44	79	60
11	0	0	55	49	78	67
12	0	0	0	38	77	70
13	0	0	0	47	83	68
14	0	0	0	60	87	67
15	0	0	0	59	83	70
16	0	0	0	60	55	70
17	0	0	0	58	50	68
18	0	0	0	63	71	73
19	0	0	0	60	82	74
20	0	0	0	62	79	69
21	0	0	0	65	71	74
22	0	0	50	70	64	79
23	0	0	60	71	88	80
24	0	0	69	69	66	83
25	0	47	82	69	63	84
26	0	47	74	58	64	84
27	0	47	68	68	60	90
28	0	60	73	83	63	92
29	0	60	67	94	62	97
30	0	58	59	93	56	94
31	0	57	—	92	57	—
Mean	21	12	42	68	73	71
Max.	84	60	82	110	89	97
Min.	0	0	0	38	50	55
A. F.	1270	750	2510	4189	4460	4250
Water diverted 17420 A. F.			Acreage Reported D-925	5833		

NORTH PLATTE DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	119	0	119	174	170	210
2	119	0	116	174	154	208
3	119	0	123	178	156	208
4	119	0	106	176	156	208
5	124	0	90	156	160	210
6	124	0	90	164	174	202
7	124	0	88	160	174	180
8	124	0	86	139	172	178
9	122	0	88	147	172	174
10	111	0	88	147	164	174
11	119	0	88	147	168	172
12	113	0	85	148	168	172
13	66	0	78	147	164	172
14	62	0	77	143	170	168
15	58	0	75	137	186	168
16	60	0	75	132	186	168
17	60	0	75	130	188	166
18	62	0	75	132	190	166
19	50	0	75	134	188	166
20	2	0	82	137	194	166
21	2	0	82	135	194	166
22	8	0	80	137	192	152
23	55	4	86	141	198	126
24	53	3	101	139	198	125
25	46	5	99	141	194	125
26	44	4	112	150	198	121
27	49	88	134	178	196	104
28	51	88	150	176	206	106
29	47	104	172	176	208	109
30	15	116	174	174	208	109
31	0	121	—	174	208	—
Mean	72	17	99	152	182	163
Max.	129	121	174	178	208	210
Min.	0	0	75	130	154	104
A. F.	4430	1060	5890	9370	11210	9630

Water diverted 41640 A. F.
Acreage Reported
D-635 13833

NORTHPORT DIVERSION
From North Platte River
and Pathfinder Reservoir
Measured at Tri-State Rating Flume—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	*	0	66	65	131	111
2	*	0	119	72	108	99
3	*	0	145	97	97	104
4	149	0	135	87	123	96
5	194	0	136	128	119	94
6	205	0	140	123	130	71
7	217	0	131	115	108	74
8	219	0	177	122	77	72
9	196	0	167	123	72	69
10	138	0	173	133	63	66
11	94	0	129	133	74	71
12	0	0	145	116	85	65
13	0	0	170	127	81	76
14	0	0	159	139	98	67
15	0	0	172	159	129	47
16	0	0	163	146	99	115
17	0	0	165	135	76	0
18	0	0	136	103	50	0
19	0	0	71	95	38	9
20	0	0	72	165	17	22
21	0	0	67	62	26	16
22	0	0	100	82	28	0
23	0	33	119	77	0	0
24	0	148	73	93	77	11
25	0	134	81	182	104	11
26	0	126	19	179	136	11
27	0	121	0	177	141	4
28	0	51	0	175	133	10
29	0	43	19	174	134	3
30	0	39	47	167	119	0
31	0	31	—	152	113	—
Mean	46	23	110	123	90	43
Max.	219	148	173	182	141	111
Min.	0	0	0	62	0	0
A. F.	2800	1440	6548	7543	5526	2567

NORTHPORT IRRIGATION DISTRICT
Drains Entering Tri-State Canal—1944

Day	May	June	July	Aug.	Sept.
1	0	114	128	146	177
2	0	107	128	145	175
3	0	85	132	149	168
4	0	95	143	145	174
5	0	94	102	144	181
6	0	90	101	147	213
7	0	99	102	154	210
8	0	40	102	150	212
9	0	23	104	151	214
10	0	27	93	154	220
11	0	34	90	150	223
12	0	32	89	156	225
13	0	30	88	165	221
14	0	34	87	162	219
15	0	32	87	154	218
16	0	30	84	184	224
17	0	28	95	184	216
18	0	68	127	189	215
19	0	122	134	198	220
20	0	122	135	207	219
21	0	124	138	201	217
22	0	114	138	208	221
23	18	104	142	266	220
24	16	131	143	190	220
25	17	127	104	186	219
26	17	131	117	165	218
27	17	132	130	160	216
28	82	131	133	161	219
29	37	127	134	156	227
30	85	124	140	169	232
31	113	—	142	177	—
Mean	15	85	117	170	212
Max.	113	132	143	266	232
Min.	0	23	84	144	168
A. F.	896	5060	7164	10459	12601

* No record.
† Storage water from July 20 to September 16, inclusive.

NOTE—Refer to page 620 for summary Northport diversion.

NORTHPORT DIVERSION
For Northport Irrigation District
Summary in Acre-feet—1944

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	2800	1440	6548	7543	5526	2567	26424
Drains*	—	896	5060	7164	10459	12601	36180
Total diversion	2800	2336	11608	14707	15985	15168	62604
Acreage Reported							
A-768	16109						

* The water from drains was originally diverted at Whalen from the North Platte River and carried through the Interstate Canal for lands within the Pathfinder Irrigation District. The residue of the Whalen diversion after it has been used on the Pathfinder District lands together with surface run off is intercepted by the Tri-State Canal and conveyed for re-use on Northport Irrigation District's lands. *United States v. Tilley, State Engineer of Nebraska, et al.*, No. 11587, United States Circuit Court of Appeals, Eighth Circuit, December 23, 1941.

OLIVER RESERVOIR—KIMBALL IRRIGATION DISTRICT
Lodgepole Creek, Storage in Acre-feet—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	660	—	1930	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	3830	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	3320	—	—
13	—	—	—	2530	—	3410	—	—	—	4400	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	4310	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	1690	—	—	3020	—	—	—	—	—	1460	1000
18	—	—	—	—	—	—	4030	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	2030	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	2710	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	3170	—	—
29	—	—	—	—	—	—	—	—	—	—	1240	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—

ORCHARD-ALFALFA DIVERSION

Day	From Platte River—1944				
	May	June	July	Aug.	Sept.
1	0	11	17	48	14
2	0	12	17	80	17
3	0	23	17	91	16
4	0	23	21	84	16
5	0	4	20	70	17
6	0	0	17	100	23
7	0	0	16	102	18
8	0	0	16	88	20
9	0	0	18	78	23
10	0	20	18	80	17
11	0	23	22	83	15
12	0	14	23	90	15
13	0	1	23	103	17
14	0	1	17	120	21
15	0	1	16	116	25
16	0	1	14	116	29
17	0	1	14	108	25
18	0	1	14	98	23
19	0	10	14	73	24
20	0	10	13	77	18
21	0	10	13	46	4
22	0	10	12	42	4
23	0	10	12	44	5
24	0	12	13	34	6
25	0	16	18	28	20
26	0	16	24	19	20
27	0	16	24	16	14
28	0	19	27	13	11
29	0	19	28	24	10
30	0	19	43	17	10
31	0	—	48	18	—
Mean	0	10	20	68	17
Max.	0	23	48	120	29
Min.	0	0	12	13	4
A. F.	0	600	1210	4180	990
Water diverted	6980 A. F.		Acreage Reported		
			D-627	5936	

OSHKOSH DIVERSION

Day	From North Platte River—1944					
	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	5
2	2	0	0	0	0	5
3	2	0	0	0	0	14
4	2	0	0	0	0	4
5	2	0	0	3	0	5
6	2	0	0	3	0	5
7	2	0	0	3	0	5
8	3	0	0	4	0	5
9	3	0	0	4	0	5
10	3	0	0	5	0	5
11	2	0	0	7	0	5
12	2	0	0	6	0	6
13	3	0	0	6	0	6
14	3	0	0	6	0	6
15	4	0	0	5	3	6
16	4	0	0	5	5	6
17	4	0	0	4	5	6
18	4	0	0	4	5	5
19	4	0	0	3	5	5
20	4	0	0	2	5	6
21	4	0	0	1	5	6
22	4	0	0	0	5	6
23	4	0	0	0	6	6
24	4	0	0	0	7	6
25	4	0	0	0	5	6
26	4	0	0	0	6	6
27	4	0	0	2	5	6
28	4	0	0	1	5	6
29	4	0	0	0	5	6
30	4	0	0	0	5	6
31	4	0	—	0	5	—
Mean	3	0	0	2	3	6
Max.	4	0	0	7	7	6
Min.	1	0	0	0	0	4
A. F.	200	0	0	150	170	330
Water diverted	850 A. F.		Acreage Reported			
			D-797	2217		
			A-243R	162		

Total. 2379

OWASCO DIVERSION
From Lodgepole Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	2	4	4	2
2	0	1	5	3	2
3	0	1	4	4	2
4	0	1	6	4	2
5	0	1	6	4	2
6	0	1	6	5	2
7	0	1	6	4	2
8	0	0	6	3	2
9	0	0	5	3	1
10	0	0	6	3	2
11	0	0	0	2	2
12	0	0	0	2	2
13	0	1	0	2	2
14	0	0	6	2	2
15	0	0	6	2	2
16	2	0	6	2	2
17	2	0	6	2	2
18	2	0	6	2	2
19	2	0	6	2	2
20	2	2	6	2	2
21	2	1	5	3	2
22	2	1	5	2	2
23	2	2	5	3	2
24	2	2	5	2	2
25	2	1	5	2	2
26	2	2	5	2	2
27	2	2	5	2	2
28	2	2	5	2	2
29	2	2	4	2	2
30	2	2	4	2	2
31	2	2	4	2	2
Mean	1	1	5	3	2
Max.	2	2	6	5	2
Min.	0	0	0	2	1
A. F.	63	56	294	160	117
Estimated diversion	690 A. F.		Acreage Reported		
			A-725	639	

OWASCO DIVERSION (BAY STATE LATERAL)

Day	From Lodgepole Creek—1944				
	May	June	July	Aug.	Sept.
1	0	0	0	1	1
2	0	0	1	1	1
3	0	0	1	1	1
4	0	0	0	1	1
5	0	0	0	1	1
6	0	0	0	2	1
7	0	0	0	3	1
8	0	0	0	2	1
9	0	0	0	2	1
10	0	0	0	2	1
11	0	0	0	2	1
12	0	0	0	2	1
13	0	0	0	2	1
14	0	0	0	1	1
15	0	0	0	1	1
16	0	0	0	1	1
17	0	0	0	1	1
18	0	0	0	1	1
19	0	0	1	1	1
20	0	1	0	1	1
21	0	1	0	1	1
22	0	1	0	1	1
23	0	1	0	1	1
24	0	1	0	1	1
25	0	0	0	1	1
26	0	0	0	1	1
27	0	0	0	1	1
28	0	0	1	1	1
29	0	0	1	1	0
30	0	0	1	1	0
31	0	—	1	1	—
Mean	0	0.1	0.2	1	1
Max.	0	1	1	3	1
Min.	0	0	0	1	0
A. F.	0	10	14	80	56
Estimated diversion	160 A. F.		Acreage Reported		
			D-347R	83	

REPORT OF THE STATE ENGINEER

PAISLEY DIVERSION
From Blue Creek—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	12	0	15	0	0	8
2	12	0	13	0	0	8
3	12	0	9	0	0	8
4	12	0	9	0	0	8
5	12	0	6	0	0	8
6	12	0	0	0	0	8
7	12	0	0	0	0	8
8	12	0	0	0	0	8
9	13	0	0	0	0	8
10	13	0	0	0	0	8
11	13	0	0	0	0	8
12	13	0	0	0	0	8
13	14	0	0	0	6	8
14	12	0	0	0	8	8
15	11	0	0	0	7	8
16	11	0	0	0	2	8
17	11	7	0	0	2	7
18	11	0	0	0	4	7
19	11	0	0	0	4	7
20	9	0	0	0	0	7
21	5	9	0	0	0	7
22	5	14	0	0	0	8
23	5	15	0	0	0	8
24	5	13	0	0	0	8
25	5	14	0	0	0	8
26	5	17	0	0	0	9
27	5	14	0	0	0	11
28	5	14	0	0	7	11
29	6	15	0	0	8	11
30	6	10	0	0	8	11
31	7	11	—	0	3	—
Mean	10	5	—	2	0	8
Max.	14	17	15	0	8	11
Min.	5	0	0	0	0	7
A. F.	590	300	100	0	130	490

Water diverted 1610 A. F.
Acreage Reported
D-800 \$15
A-515 95
A-1738 169

Total 1079

FAXTON-HERSHEY DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	53	0	38	92	93	75
2	53	0	29	93	116	74
3	56	0	50	84	110	75
4	40	0	52	76	108	79
5	27	0	53	84	100	88
6	20	0	52	92	100	82
7	33	0	50	94	105	77
8	32	0	51	108	102	77
9	36	0	52	113	97	80
10	40	0	52	112	101	73
11	39	0	52	105	106	66
12	49	0	54	78	101	66
13	49	0	54	64	99	62
14	37	0	48	61	99	56
15	38	0	42	48	99	52
16	38	0	38	39	98	53
17	17	0	40	56	101	49
18	0	0	37	59	98	46
19	0	0	41	60	100	52
20	0	0	44	80	103	53
21	0	0	48	59	98	52
22	0	0	48	63	76	61
23	0	0	43	74	61	64
24	0	15	43	61	61	63
25	0	36	45	79	66	67
26	0	30	45	81	82	68
27	0	29	52	88	59	65
28	0	30	72	101	59	59
29	0	33	82	115	61	58
30	0	20	84	124	83	59
31	0	32	—	108	79	—
Mean	21	8	50	82	91	65
Max.	56	36	84	124	116	88
Min.	0	0	29	39	59	46
A. F.	1320	470	2960	5060	5690	3870
Water diverted— ed 19280 A. F.				Acreage Reported D-653	7458	

RAMSHORN DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	2	25	6	5
2	0	4	12	4	5
3	0	4	20	3	5
4	0	14	28	2	7
5	0	12	33	9	16
6	0	11	30	16	23
7	0	12	0	15	23
8	0	14	28	1	19
9	0	11	25	0	24
10	0	6	8	1	25
11	0	13	10	1	18
12	0	14	24	4	8
13	0	8	21	6	7
14	0	2	1	0	7
15	0	3	11	10	6
16	0	2	14	16	7
17	0	2	2	13	9
18	0	2	0	10	6
19	0	1	0	14	5
20	0	3	2	15	4
21	0	3	17	0	5
22	0	12	16	5	2
23	0	7	21	19	2
24	0	4	22	17	2
25	0	4	14	20	2
26	3	4	10	18	2
27	2	5	4	10	2
28	2	5	1	8	2
29	5	11	0	10	2
30	1	26	0	11	8
31	1	—	0	7	—
Mean	0	7	13	9	9
Max.	5	26	33	20	25
Min.	0	1	0	0	2
A. F.	30	440	790	540	510
Water diverted— ed 2310 A. F.			Acreage Reported D-918R	215	
			D-945	1652	
			Total	1867	

SHERIDAN-WILSON DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	0	8	1
2	0	0	0	9	1
3	0	0	0	9	2
4	0	0	0	10	5
5	0	0	0	5	8
6	0	0	0	2	4
7	0	0	4	2	10
8	0	0	12	15	16
9	0	0	15	19	6
10	0	0	6	19	5
11	0	0	5	24	8
12	0	0	4	20	9
13	0	0	0	15	7
14	0	0	0	8	7
15	0	0	0	0	8
16	0	0	0	1	7
17	0	0	0	2	7
18	0	0	0	4	7
19	0	0	0	5	7
20	0	0	0	6	9
21	0	0	0	5	8
22	0	0	0	9	8
23	0	0	0	10	7
24	0	0	0	2	2
25	0	0	3	10	1
26	0	0	2	11	0
27	0	0	9	7	0
28	0	0	6	7	0
29	0	0	0	5	0
30	0	0	0	8	0
31	0	0	-	24	0
Mean	0	0	2	9	6
Max.	0	0	15	24	17
Min.	0	0	0	0	0
A. F.	0	130	540	390	220
Water diverted 1250 A. F.				Acreage Reported D-710	676

SHORT LINE DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	0	6	14
2	0	0	0	13	15
3	0	0	15	16	14
4	0	0	18	27	13
5	0	0	13	27	13
6	0	0	12	38	16
7	0	0	14	21	19
8	0	0	6	8	18
9	0	0	0	0	14
10	0	0	0	0	18
11	0	0	0	0	22
12	0	0	0	0	21
13	0	0	0	0	20
14	0	0	0	0	21
15	0	0	0	0	22
16	0	0	0	0	21
17	0	0	0	3	17
18	0	0	0	8	13
19	0	0	0	7	13
20	0	0	0	10	14
21	0	0	0	12	11
22	0	0	13	15	11
23	0	0	12	15	16
24	0	0	16	16	13
25	0	0	19	15	11
26	0	0	18	16	11
27	0	0	15	20	9
28	0	0	11	19	8
29	0	0	10	19	7
30	0	0	9	18	6
31	0	0	-	13	6
Mean	0	0	7	12	14
Max.	0	0	19	38	22
Min.	0	0	0	0	0
A. F.	0	400	720	890	420
Water diverted 2430 A. F.				Acreage Reported D 946	2818

SIX MILE DIVERSION
From Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	0	9	10
2	0	0	0	7	12
3	0	0	0	10	17
4	0	0	0	10	17
5	0	0	0	13	18
6	0	0	0	11	18
7	0	0	0	11	18
8	0	0	0	11	19
9	0	0	0	11	19
10	0	0	0	9	16
11	0	0	0	9	19
12	0	0	0	12	20
13	0	0	0	2	20
14	0	0	0	0	19
15	0	0	0	0	18
16	0	0	0	2	17
17	0	0	0	2	16
18	0	0	0	2	16
19	0	0	4	2	13
20	0	0	4	2	17
21	0	0	4	2	9
22	0	0	8	2	9
23	0	0	8	1	9
24	0	0	10	2	0
25	0	0	10	2	0
26	0	0	10	3	0
27	0	0	9	2	0
28	0	0	9	3	0
29	0	0	9	4	0
30	0	0	9	6	0
31	0	0	-	6	0
Mean	0	0	3	5	12
Max.	0	0	10	12	20
Min.	0	0	0	0	0
A. F.	0	190	330	730	0
Water diverted 1250 A. F.				Acreage Reported D-680	1798

SPOHN DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	1	2
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	2
9	0	0	0	0	1
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	1
13	0	0	0	0	2
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	3
17	0	0	0	0	3
18	0	0	0	0	3
19	0	0	0	0	3
20	0	0	0	0	1
21	0	0	0	0	1
22	0	0	0	0	2
23	0	0	0	0	3
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	1
Max.	0	0	0	1	3
Min.	0	0	0	0	0
A. F.	0	0	0	2	70
Water diverted 142 A. F.				Acreage Reported D-801 D-803R	892 187

SUBURBAN DIVERSION
From North Platte River—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	51	0	0	24	109	83
2	47	0	0	38	97	83
3	45	0	0	47	92	83
4	45	0	0	56	97	68
5	40	0	0	45	103	92
6	35	0	0	38	10 ⁰	96
7	44	0	0	25	103	85
8	55	0	0	49	97	83
9	51	0	0	100	111	97
10	47	0	0	96	127	111
11	42	0	6	84	127	103
12	41	0	11	65	126	91
13	41	0	10	51	131	78
14	31	0	9	42	127	73
15	25	0	7	30	122	69
16	0	0	14	14	126	72
17	0	0	6	24	122	72
18	0	0	6	50	119	74
19	0	0	6	60	119	76
20	0	0	6	63	81	78
21	0	0	3	43	87	77
22	0	0	6	37	87	77
23	0	0	41	40	87	84
24	0	0	23	44	91	85
25	0	0	20	52	83	84
26	0	0	22	61	37	83
27	0	0	29	65	26	89
28	0	0	41	65	31	85
29	0	0	43	80	63	90
30	0	0	45	104	81	74
31	0	0	.....	129	74	—
Mean	21	0	12	56	96	86
Max.	55	0	45	129	131	111
Min.	0	0	0	14	26	72
A. F.	1279	9	700	3419	5929	5090

Water diverted 16390, A. F.
Acreage Reported
D-662 7263

SUTHERLAND DIVERSION
From North Platte River—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1546	1488	1241	1266	660	689	0	832	888	1500	1200	1600
2	1551	1521	1249	1266	663	689	0	874	896	1470	1290	1590
3	1551	1480	1249	1266	661	694	0	832	894	1470	1280	1590
4	1551	1490	1243	1266	663	691	0	806	860	1500	1270	1580
5	1551	1495	1251	1264	661	691	0	800	784	1500	1260	1560
6	1551	1484	1251	1222	667	679	0	826	932	1570	1290	1580
7	1553	1465	1255	1176	665	660	0	840	926	1600	1280	1580
8	1555	1454	1245	1159	669	674	0	848	926	1600	1380	1560
9	1551	1501	1255	1084	665	678	0	854	918	1620	1460	1570
10	1559	1505	1258	1078	665	661	0	860	930	1630	1440	1550
11	1562	1512	1255	1076	665	642	0	736	930	1620	1470	1560
12	1510	1501	1249	1078	665	601	0	477	930	1640	1560	1560
13	1553	1490	1258	1076	663	596	0	441	922	1650	1620	1550
14	1562	1484	1258	1076	663	527	0	319	934	1500	1630	1560
15	1562	1473	1262	1074	670	507	0	371	934	1510	1640	1590
16	1564	1409	1262	1076	672	423	0	374	926	1610	1640	1560
17	1566	1430	1262	1076	670	80	142	329	906	1600	1640	1580
18	1566	1228	1262	1076	674	0	608	444	898	1590	1660	1580
19	1555	1232	1262	1074	676	0	718	435	902	1580	1640	1360
20	1527	1237	1268	885	676	0	828	488	945	1580	1630	1010
21	1555	1241	1266	846	676	0	884	689	990	1520	1650	1470
22	1555	1243	1266	844	679	0	904	694	1220	1480	1650	1570
23	1536	1294	1272	842	676	0	886	718	1210	1480	1500	1590
24	1538	1264	1272	846	681	0	856	900	1230	1420	1640	1570
25	1542	1258	1270	759	681	0	844	900	1240	1350	1630	1560
26	1542	1247	1276	546	691	0	848	892	1180	1330	1630	1570
27	1540	1247	1272	400	685	0	848	880	1110	1260	1630	1550
28	1536	1243	1272	706	685	0	860	892	1360	1250	1630	1560
29	1536	1245	1272	572	687	0	878	890	1510	1300	1600	1560
30	1551	1245	1272	661	.....	0	828	886	1500	1170	1540	1560
31	1493	.....	1268	660	.....	0	.....	888	.....	1200	1580	.....
Mean	1547	1381	1260	993	672	328	364	710	1024	1490	1510	1530
Max.	1566	1521	1276	1266	691	694	904	900	1510	1640	1660	1600
Min.	1493	1228	1241	546	660	0	0	319	784	1170	1200	1010
A. F.	95150	82190	77500	61080	38650	20200	21680	43680	60950	91440	93140	91620

Water diverted 777260 A. F.

BUREAU OF IRRIGATION

SUTHERLAND RESERVOIR SYSTEM

Storage in Sutherland, Regulator, and Forebay Reservoirs, Combined

Total Live Storage in Acre-feet—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	35035	50607	63743	67457	64315	57765	43805	50703	64289	58910	58122	60765
2	35159	51306	63762	67784	63013	57560	43554	51055	64721	58888	57368	61192
3	36152	51916	64549	68078	63735	58215	42500	51085	65151	58310	56431	61631
4	36958	52352	64754	68092	64208	58839	41592	51667	65837	58097	55532	62315
5	37344	52729	66652	68354	64754	59612	41427	52804	65445	57355	54543	61884
6	37665	52978	64958	68592	64812	59668	40685	54105	65746	57055	54129	61884
7	38216	53082	65542	68642	65216	58999	39962	55411	65580	56668	53217	62108
8	38609	53036	65714	68548	65361	58494	38748	55387	65367	56674	52329	62583
9	38856	53466	65134	68624	65499	57948	38543	57642	64285	58177	51396	62718
10	39417	53897	65305	68822	64045	57733	37661	58095	63672	58705	51026	63084
11	39520	54841	65306	67682	62515	57749	37661	58423	63942	59305	51468	63227
12	39663	56297	65371	67570	61323	58197	37436	58451	64019	60699	51274	63187
13	40077	56816	65195	67339	60692	58386	37248	58359	64019	62531	50968	63201
14	40265	58144	64918	67213	59730	58538	37060	59109	64145	63874	51244	63140
15	41038	58626	63860	67127	58848	58907	36910	58700	64079	64128	51306	63065
16	41536	58976	63262	67673	58617	58555	36723	58476	63495	65187	51189	63322
17	42304	59440	62927	68248	58330	58616	36357	58259	63344	64897	51154	64303
18	43011	59622	62412	68446	58524	56131	36404	57959	63548	64649	51272	64446
19	43090	59876	62886	68736	58741	54196	37295	57224	62956	65019	51338	64783
20	43206	58034	64876	69029	58654	53203	38478	56646	62812	65135	51625	64137
21	43509	60644	64274	68993	58127	52086	39469	56728	62698	65137	51524	62848
22	44209	61059	64763	69086	57760	50938	40616	56711	62264	65448	51765	62344
23	45441	61582	65104	69011	57849	50017	42570	56744	62378	66123	53123	62207
24	45787	61850	65195	68797	57734	49439	43668	56924	61848	65615	54492	62771
25	46229	61753	65705	68605	57641	48776	44664	57823	61840	64538	55593	62543
26	47043	61824	66247	67745	57525	48621	45762	58886	61122	63707	56663	62659
27	47042	62586	66527	67345	57750	47729	46679	59367	63648	62543	57712	62603
28	48149	62623	66792	65974	57602	46848	47957	61301	59681	62054	58473	62493
29	48642	63021	66852	65546	57574	46168	48907	62700	59389	61241	58921	62170
30	49461	63367	67256	65808	-----	44985	49894	63190	59841	60532	58988	62088
31	50377	-----	66918	63392	-----	44527	-----	63692	-----	59463	58860	-----

Reported by Platte Valley Public Power and Irrigation District.

SUTHERLAND POWER RETURN

To the River at North Platte—Sec. 9-13-30 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1004	850	839	735	979	518	243	159	269	1222	1376	693
2	1060	833	905	870	777	471	37	328	276	774	1330	869
3	788	925	792	906	528	358	343	458	256	1299	1331	852
4	780	951	884	988	309	116	168	131	173	1265	1367	1075
5	1210	963	686	862	370	123	135	64	335	1294	1258	1176
6	1045	1009	820	889	283	284	182	10	344	1244	1205	1062
7	936	1016	710	845	147	486	332	0	700	1292	1265	1081
8	1110	1092	830	929	248	644	357	0	739	1176	1325	1062
9	1102	933	730	734	507	643	38	186	878	513	1266	1090
10	995	928	1094	990	603	633	405	303	792	920	1188	997
11	1119	772	1136	981	978	478	0	432	481	1074	1168	1149
12	1115	653	893	984	897	175	21	119	741	812	1163	1147
13	1101	817	996	943	912	502	0	73	761	494	1236	1220
14	1096	617	1192	971	991	408	14	42	456	547	1159	1217
15	940	898	1382	992	889	475	0	356	755	700	1201	1294
16	1058	903	1261	641	709	767	16	207	720	743	1173	1100
17	881	839	1280	734	659	465	99	323	665	1149	1156	736
18	979	840	1125	683	540	426	0	132	480	1133	1169	1046
19	1229	890	906	721	578	302	0	355	645	1066	1188	1157
20	1160	825	961	685	430	428	0	457	685	984	1141	1235
21	1131	670	1036	625	662	481	210	196	911	1055	1206	1311
22	827	766	942	668	591	334	128	330	824	969	1129	1222
23	933	768	798	592	514	179	0	230	827	583	962	1234
24	950	926	923	731	433	259	5	338	1062	1248	770	1055
25	916	944	590	611	491	252	0	230	699	1314	753	1215
26	950	895	763	904	654	147	230	81	1030	1244	604	1209
27	940	721	923	632	378	218	0	0	1351	1274	712	1183
28	950	938	907	926	585	397	8	0	898	1292	878	1132
29	953	827	1045	675	458	306	326	0	1073	1338	845	1231
30	949	847	857	422	-----	334	260	288	1034	1228	1079	1267
31	959	-----	1034	708	-----	121	-----	358	-----	1168	737	-----
Mean	1006	862	944	790	597	372	118	199	697	1046	1108	1112
Max.	1229	1092	1382	996	991	767	405	458	1351	1338	1376	1311
Min.	780	653	590	422	248	116	0	173	494	604	693	-----
A. F.	61820	51300	58020	48570	34320	22870	7060	12260	41480	64300	68120	66210

Records furnished by the Platte Valley Public Power and Irrigation District.

REPORT OF THE STATE ENGINEER

THIRTY MILE DIVERSION
From Platte River—1944

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	99	105	5	108	77	177	98
2	96	82	5	114	77	213	98
3	103	85	5	111	78	232	104
4	105	85	6	104	80	241	112
5	105	85	6	102	80	260	118
6	106	88	3	99	79	284	117
7	113	52	3	108	80	279	116
8	113	18	3	104	78	286	114
9	113	5	3	84	76	284	117
10	111	0	3	83	79	284	123
11	110	0	3	82	83	285	125
12	117	0	3	92	72	285	125
13	111	0	3	90	73	284	125
14	112	0	10	93	80	285	126
15	107	0	12	78	75	285	126
16	103	0	12	85	76	284	125
17	110	0	7	77	86	277	125
18	111	0	3	73	96	281	122
19	107	0	2	69	94	283	125
20	105	0	3	80	93	285	125
21	101	0	18	84	91	277	124
22	108	0	13	83	94	249	124
23	108	0	0	88	93	243	127
24	114	0	13	80	96	239	134
25	114	0	13	77	101	53	134
26	114	0	3	79	111	35	131
27	114	0	1	76	134	28	126
28	116	0	6	77	152	25	127
29	117	0	1	75	167	24	126
30	120	0	1	76	176	22	130
31	120	0	86	---	183	46	---
Mean	110	20	8	88	97	213	125
Max.	120	105	18	114	183	286	134
Min.	96	0	0	69	72	22	98
A. F.	6750	1200	510	5220	5970	13120	7440

Water diverted 40210 A. F.
 Acreage Reported
 A-1853 19214
 A-1976 3540
 A-2077 320
 Total 23083

TRI-COUNTY DIVERSION
From Platte River—Sec. 8-13-29 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1456	1660	1400	1420	1710	1750	1360	2020	1400	1530	2070	1250
2	1370	1520	1410	1330	1660	1770	1130	2060	1110	1190	2100	1330
3	1301	1640	1450	1560	1410	1660	1340	2050	1040	1490	2090	1430
4	1180	1630	1410	1580	1150	1300	1220	1310	1200	1820	1980	1390
5	1259	1590	1380	1550	1340	1280	1160	1310	1110	1750	1740	1710
6	1441	1570	1330	1490	1240	1440	1160	1170	1060	1870	1830	1620
7	1336	1530	1320	1180	1540	1480	1260	1150	1340	1800	1330	1580
8	1454	1410	1360	1430	1430	1490	1460	1160	1540	1760	2070	1330
9	1490	1610	1310	1320	1570	1800	1340	1130	1690	1470	2040	1570
10	1437	1540	1400	1410	897	1820	1530	1230	1490	1840	1990	1570
11	1409	1430	1640	1550	973	1870	1280	1430	1330	2120	2100	1560
12	1558	1200	1500	1440	1110	1620	1100	1600	1560	2110	2070	1630
13	1553	1350	1350	1350	1220	1670	1030	1540	1940	2100	2080	1690
14	1619	1220	1440	1310	1600	1320	940	1540	1910	2080	2070	1680
15	1574	1410	1180	1700	1710	1030	890	1830	1900	2030	2040	1700
16	1515	1420	1530	1410	1570	1660	860	1890	1600	1880	1990	1590
17	1493	1470	1530	1420	1490	1650	980	2070	1520	1930	1990	1320
18	1408	1390	1750	1460	1480	1540	960	2050	1200	2080	2010	1340
19	1506	1410	1560	1490	1180	1350	960	2120	1200	1950	2050	1570
20	1691	1370	1600	1540	1260	1340	1040	2110	1280	1900	2070	1660
21	1603	1350	1550	1490	1450	1480	1280	2010	1450	1880	2110	1710
22	1488	1320	1610	1520	1550	1400	1410	2060	1370	1780	2110	1720
23	1476	1190	984	1470	1580	1250	1930	2040	1300	1530	2030	1690
24	1462	1440	1290	1550	1770	1490	2010	2120	1460	1680	1990	1580
25	1451	1520	1170	1590	1880	1430	1600	2080	1120	1970	2030	1660
26	1480	1450	1340	1690	1830	1290	1580	1920	1370	1880	1800	1720
27	1481	1170	1520	1580	1790	1360	1390	1560	1680	1860	1750	1640
28	1510	1450	1530	1080	1870	1330	1280	1380	1420	1910	1660	1640
29	1512	1360	1520	1260	1800	1410	1600	1310	1400	1980	1650	1730
30	1649	1340	1460	1040	---	1350	2100	1330	1390	1950	1580	1820
31	1786	---	1530	1150	---	1250	---	1410	---	1790	1570	---
Mean	1482	1433	1431	1431	1485	1480	1306	1679	1367	1834	1955	1583
Max.	1691	1640	1750	1690	1880	1870	2100	2120	1690	2120	2110	1820
Min.	1180	1170	984	1040	897	1030	860	1150	1040	1190	1570	1250
A. F.	91140	85270	87970	87990	85410	91000	77710	103220	84060	112780	120180	94180

Water diverted 1120910 A. F.
 A-2355.

BUREAU OF IRRIGATION

627

TRI-COUNTY CANAL, JEFFREY POWER RETURN
To Platte River—Sec. 25-12-27 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	296	143	0	0	0	0	0	0	142	380	916	298
2	296	99	0	0	0	0	0	0	183	380	920	305
3	292	104	0	0	0	0	0	0	196	382	812	305
4	294	96	0	0	0	0	0	0	196	375	660	316
5	290	101	0	0	0	0	0	0	194	382	617	327
6	285	97	0	0	0	0	0	0	196	378	689	325
7	294	58	0	0	0	0	0	0	196	378	759	323
8	292	0	0	0	0	0	0	0	196	375	525	325
9	292	0	0	0	0	0	0	0	190	378	325	323
10	290	0	0	0	0	0	0	0	192	164	285	325
11	292	0	0	0	0	0	0	0	190	378	285	323
12	281	0	0	0	0	0	0	0	190	242	283	323
13	268	0	0	0	0	0	0	0	190	174	285	323
14	283	0	0	0	0	0	0	0	190	244	307	355
15	290	0	0	0	0	0	0	0	190	285	348	403
16	279	0	0	0	0	0	0	0	187	285	373	401
17	281	0	0	0	0	0	0	0	187	290	373	401
18	294	0	0	0	0	0	0	0	185	290	341	394
19	294	0	0	0	0	0	0	0	187	296	341	401
20	285	0	0	0	0	0	0	0	183	296	285	403
21	248	0	0	0	0	0	0	0	188	292	203	403
22	199	0	0	0	0	0	0	0	188	309	59	403
23	201	0	0	0	0	0	0	0	230	401	0	403
24	199	0	0	0	0	0	0	0	371	431	0	401
25	197	0	0	0	0	0	0	0	371	459	0	403
26	194	0	0	0	0	0	0	0	373	492	0	401
27	192	0	0	0	0	0	0	0	373	604	0	357
28	194	0	0	0	0	0	0	0	375	681	113	357
29	187	0	0	0	0	0	0	0	375	801	194	357
30	197	0	0	0	0	0	0	0	378	852	196	382
31	194	0	0	0	0	0	0	20	880	257	---	---
Mean	257	23	0	0	0	0	0	1	233	405	347	353
Max.	296	143	0	0	0	0	0	20	378	880	920	403
Min.	192	0	0	0	0	0	0	0	142	164	0	298
A. F.	15830	1380	0	0	0	0	0	40	13850	24900	21320	21310
Water returned	98630 A. F.											
A-2354.												

TRI-COUNTY CANAL, JOHNSON POWER RETURN
To Platte River—Sec. 2-S-21 W.—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	316	992	975	1080	1250	1540	902	1110	983	0	88	798
2	460	892	933	1060	1200	1730	503	1530	649	0	100	1060
3	422	1140	1120	1350	950	1750	1130	1620	475	0	86	230
4	279	1150	1040	1490	970	1390	1100	1350	252	47	108	409
5	628	1580	1070	1250	1040	1080	886	1590	263	47	182	606
6	576	1190	1140	1300	1170	1500	869	1180	379	35	185	444
7	441	1010	1090	1240	1360	1470	712	1120	368	25	97	445
8	456	906	1100	1050	849	1480	642	1360	146	19	0	507
9	336	1120	963	920	1240	1500	226	1220	0	0	88	377
10	265	810	968	1120	1370	1190	851	1320	0	10	338	318
11	491	987	1090	1340	1260	1080	595	1440	0	0	394	373
12	488	842	1010	1250	1230	669	409	1360	131	108	313	489
13	495	1230	1040	1050	708	1240	745	1160	495	176	147	449
14	505	990	1080	1010	809	1130	962	1080	1120	0	312	479
15	510	1250	1110	900	933	1410	1200	1200	717	0	360	484
16	614	1190	1500	647	1040	878	711	1300	427	0	402	337
17	407	1260	1110	940	1040	1150	967	1450	466	0	278	0
18	567	1250	1040	1000	1080	1390	803	1500	105	0	354	381
19	376	1260	1140	1130	1160	1070	626	1370	357	35	500	455
20	470	1220	1180	1480	824	1020	891	1330	556	82	156	541
21	583	1100	1410	1170	1230	1260	953	935	638	94	364	433
22	730	1180	1150	1140	1310	1360	806	1160	356	218	460	494
23	553	1280	1150	1110	1230	1000	520	1110	306	239	264	400
24	349	1420	1230	1440	990	1090	885	1200	182	70	149	173
25	451	1120	764	1440	1240	891	899	1120	0	0	395	330
26	619	902	1370	1340	1350	892	1100	1080	221	164	642	472
27	521	995	1250	1060	1110	1040	741	1010	227	7	407	490
28	660	680	1360	1230	1520	1140	925	890	295	2	349	484
29	777	1020	1160	1370	1550	1100	1240	1380	264	121	248	439
30	880	845	982	638	---	1110	616	1120	0	115	656	455
31	749	---	1040	1320	---	885	---	1120	---	93	639	---
Mean	515	1093	1105	1157	1140	1208	813	1251	346	55	31	445
Max.	880	1580	1410	1490	1550	1750	1240	1620	1120	239	656	1060
Min.	265	680	764	638	708	669	226	890	0	0	0	0
A. F.	31680	65080	67960	71140	65520	74250	48430	76910	20580	3390	17970	26490
Water returned	569400 A. F.											
A-2354.												

REPORT OF THE STATE ENGINEER

TRI-STATE DIVERSION
From North Platte River
and Pathfinder Reservoir—1944

Day	Oct.	May	June	July	Aug.	Sept.
1	447	0	898	924	789	706
2	338	0	842	939	850	688
3	351	0	822	920	859	691
4	219	0	817	927	823	718
5	188	0	779	869	829	726
6	175	0	788	890	794	733
7	159	0	745	920	817	728
8	142	0	634	873	834	719
9	140	0	641	872	836	704
10	170	0	561	854	887	705
11	169	0	433	818	867	637
12	269	135	390	829	869	602
13	265	169	357	813	838	540
14	260	214	347	821	896	494
15	259	311	316	807	861	478
16	240	374	298	857	841	461
17	229	380	303	875	828	530
18	90	387	317	876	831	556
19	0	444	424	873	847	548
20	0	535	519	936	865	516
21	0	600	597	937	891	492
22	0	690	628	922	911	483
23	0	767	615	932	937	509
24	0	697	625	919	865	499
25	0	714	625	828	836	481
26	0	717	733	819	766	474
27	0	683	823	802	746	493
28	0	791	915	751	759	456
29	0	808	929	748	743	425
30	0	813	912	746	726	416
31	0	888	-----	758	718	-----
Mean	132	359	618	860	833	573
Max.	447	888	929	939	937	733
Min.	0	0	298	746	718	416
A. F.	\$152	22049	36960	52870	51212	34108

TRI-STATE DIVERSION
For Farmers Irrigation District
Summary in Acre-feet—1944

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from North Platte River*	\$152	22049	36960	52870	51212	34108	205351
Optional diversions†	-----	-----	-----	-----	-----	-----	6630
Total	-----	-----	-----	-----	-----	-----	211981

* Including Laterals No. 1, 2, and 3.
† Estimated.

Acreage Reported	
D-918	61278
A-660	3640
O. D.	2072
Total	66990

UNION DIVERSION
From Blue Creek—1944

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	8	6	0	10	10	8	0
2	8	6	0	5	14	6	6
3	8	5	0	12	15	4	6
4	8	5	0	6	12	5	6
5	8	5	0	0	7	12	0
6	8	6	0	0	10	13	0
7	8	6	0	0	12	16	0
8	9	0	0	0	5	19	0
9	8	0	0	0	1	18	0
10	9	6	0	0	2	16	3
11	9	14	0	0	2	16	0
12	9	11	0	0	0	16	1
13	12	3	0	0	0	13	1
14	15	4	0	0	0	18	1
15	14	4	0	0	0	16	1
16	13	7	0	0	1	19	1
17	13	9	0	0	8	16	5
18	13	8	0	0	15	13	4
19	7	6	0	0	14	13	4
20	1	0	0	0	8	11	3
21	2	0	0	0	6	1	4
22	3	0	0	0	7	0	4
23	4	0	0	9	7	0	6
24	5	0	0	9	4	0	6
25	5	0	0	10	8	0	3
26	5	0	5	5	14	0	3
27	6	0	8	9	12	0	6
28	6	0	9	5	9	0	5
29	4	0	11	9	10	0	6
30	6	0	11	8	14	0	6
31	7	—	11	—	—	7	—
Mean	8	4	2	3	8	9	3
Max.	15	14	11	12	15	19	6
Min.	1	0	0	0	0	0	0
A. F.	480	220	110	190	460	530	180

Water diverted 2170 A. F.
Acreage Reported
D-763 1225

WESTERN DIVERSION
From South Platte River—1944

Day	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	30	91	75	0	101	40	70	40
2	31	89	73	0	140	38	67	35
3	31	87	75	0	137	35	65	30
4	33	84	73	0	103	83	63	32
5	35	80	69	0	114	93	57	34
6	35	78	60	0	103	67	55	29
7	35	82	30	0	98	72	55	27
8	39	84	0	0	95	59	48	23
9	47	84	0	0	93	47	42	29
10	49	87	0	0	90	0	38	29
11	49	87	0	0	101	0	36	29
12	56	89	0	0	81	0	36	32
13	75	87	0	0	120	0	36	35
14	75	87	0	0	108	0	32	32
15	80	73	0	0	111	0	28	32
16	84	71	0	0	93	0	27	36
17	84	54	0	0	83	0	25	36
18	89	49	0	0	83	0	25	35
19	94	45	0	0	85	0	25	36
20	98	41	0	0	72	0	25	40
21	103	58	0	0	65	0	23	40
22	103	69	0	58	61	0	27	41
23	112	67	0	76	57	0	30	44
24	118	69	0	65	55	0	29	48
25	100	69	0	63	54	18	98	50
26	96	69	0	76	50	74	88	48
27	84	69	0	108	44	70	67	44
28	80	73	0	106	42	65	38	41
29	80	73	0	101	41	63	46	36
30	82	73	0	88	40	57	42	34
31	91	—	0	81	—	72	41	—
Mean	71	74	15	27	84	31	45	36
Max.	118	91	75	108	140	93	98	50
Min.	30	41	0	0	40	0	23	27
A. F.	4360	4400	900	1630	5000	1890	2750	2150

Water diverted 23080 A. F.
Acreage Reported
A-393 11803
A-1804 364
Total 11967

REPORT OF THE STATE ENGINEER

WHITNEY RESERVOIR—WHITNEY IRRIGATION DISTRICT
Diverted from White River, Storage in Acre-feet—1944

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1
2	7090	.....	.....	.....	.....	.....	.....
3
4
5	7070	.....	.....	9000	.....	.....	7170	.....
6	8060	.....	.....
7
8	6270	.....	.....	.....	.....	.....	.....	.....	.....
9
10
11	4500	.....	.....	.....	.....	.....	.....	.....	.....	.....	5780
12	7850	.....	.....	.....	.....	.....
13
14
15
16
17
18
19
20
21	6790	.....	.....	.....	.....	.....	.....	.....	.....
22	7730	.....	.....
23
24
25
26	5010	.....	.....	.....	.....	.....	.....	.....	.....	6090	.....
27
28	5580
29
30
31	9000	.....	.....	.....	.....

WINTERS CREEK DIVERSION
From North Platte River—1944

Day	May	June	July	Aug.	Sept.
1	0	27	20	20	19
2	0	26	20	20	20
3	0	20	17	30	20
4	0	16	24	42	19
5	0	13	23	50	20
6	0	13	22	56	21
7	0	13	21	55	18
8	0	7	20	51	17
9	0	8	16	62	18
10	0	17	17	67	18
11	0	17	16	66	18
12	0	13	13	51	20
13	2	9	9	58	20
14	3	11	8	72	18
15	6	5	12	87	17
16	7	2	17	59	19
17	0	9	11	18	18
18	0	15	11	15	18
19	0	7	16	16	20
20	22	1	18	20	19
21	16	0	14	22	18
22	23	0	15	26	18
23	18	0	15	30	20
24	18	2	16	25	19
25	13	8	20	24	18
26	14	11	19	25	20
27	13	16	18	21	20
28	18	19	15	19	18
29	24	16	16	20	17
30	20	18	13	20	19
31	21	.....	15	19	.....
Mean	8	11	16	38	19
Max.	24	27	24	87	21
Min.	0	0	8	15	17
A. F.	470	670	1010	2310	1120

WINTERS CREEK DIVERSION
From Winters Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	31	43	40	39
2	0	30	52	44	45
3	0	34	54	27	47
4	0	41	53	59	37
5	0	33	52	60	34
6	0	35	63	64	36
7	0	59	65	65	33
8	0	42	36	60	32
9	0	38	36	52	42
10	0	29	39	48	38
11	0	32	26	43	30
12	0	19	32	45	36
13	0	15	21	49	32
14	0	4	16	48	28
15	0	0	28	48	27
16	0	9	40	46	19
17	0	8	48	42	27
18	0	9	62	37	34
19	0	13	63	38	41
20	14	21	61	37	40
21	25	22	61	32	34
22	39	24	59	36	31
23	38	29	69	35	33
24	39	27	36	45	33
25	33	31	41	50	30
26	40	31	49	37	41
27	33	36	57	28	40
28	42	36	50	32	42
29	32	44	41	35	46
30	39	48	51	36	24
31	28	.....	49	40	.....
Mean	12	27	47	44	35
Max.	42	59	65	65	47
Min.	0	0	16	27	19
A. F.	760	1630	2800	2720	2080

Water diverted
ed 5580 A. F.

Acreeage Reported
D-952 2746

Water diverted
ed 10650 A. F.

Acreeage Reported
A-1446 2968
O.D. D-952

WINTERS CREEK LATERAL
From Winters Creek—1944

Day	May	June	July	Aug.	Sept.
1	0	8	24	8	12
2	0	7	22	6	15
3	0	8	12	8	16
4	0	8	6	21	14
5	0	0	10	9	13
6	0	2	8	10	14
7	0	6	7	25	19
8	0	11	5	16	13
9	0	10	3	16	7
10	0	5	16	16	13
11	0	5	18	13	5
12	0	0	10	15	6
13	0	0	11	17	3
14	0	0	11	17	2
15	0	0	24	17	4
16	0	0	5	16	7
17	0	0	13	7	7
18	0	0	10	9	6
19	0	0	10	9	16
20	0	0	11	9	19
21	17	13	11	20	14
22	12	13	9	20	6
23	10	0	10	18	10
24	10	0	24	15	0
25	12	3	9	5	6
26	7	10	19	7	6
27	3	12	18	7	6
28	9	12	15	7	6
29	6	8	3	5	4
30	6	24	4	11	4
31	10	—	8	10	—
Mean	3	6	12	13	9
Max.	17	24	24	25	19
Min.	0	0	3	5	0
A. F.	200	330	730	770	540

Water diverted 2570 A. F.
D-952

INDEX

(Also, refer to Hydrographical Index, page 640)

A

Abstract of Closing Orders and Requests.....	564
Administration of Water.....	9, 13
Alcova Reservoir (SEE ALSO Reservoirs).....	9, 463, 478
Annual Diversions from North Platte River by Projects.....	562
Appropriations (See Claims and Applications).....	40
Cancelled and Dismissed.....	164

C

Canals—SEE Hydrographical Index.....	640
By Divisions.....	40
Claims and Applications by Streams in Divisions:	
No. 1-A, Platte Rivers and Tributaries.....	40
No. 1-B, Republican and Frenchman Rivers and Tributaries.....	68
No. 1-C, Little Blue River and Tributaries.....	83
No. 1-D, Big Blue River and Tributaries.....	86
No. 1-E, Lodgepole Creek.....	94
No. 1-F, Nemaha River and Tributaries.....	100
No. 2-A, Loup River and Tributaries.....	102
No. 2-B, Lower Platte, Elkhorn Rivers and Tributaries.....	122
No. 2-C, Niobrara River and Tributaries.....	131
No. 2-D, White River and Tributaries.....	142
No. 2-E, Hat Creek and Tributaries.....	151
No. 2-F, Bazille, Bow, Elk Creek and Tributaries.....	158
Claims and Applications Canceled or Dismissed.....	25, 164
Climatological Data:	
Evaporation:	
Box Butte Experimental Farm.....	496
Bridgeport.....	496
Kingsley Dam.....	496
Lincoln.....	496
Mitchell.....	496
North Platte.....	496
Pathfinder Reservoir.....	496
Whalen Dam.....	496

Precipitation:	
Bridgeport	497
Columbus	498
Culbertson	499
Fort Robinson.....	499
Genoa	498
Grand Island.....	498
Holdrege	498
Lexington	498
Mitchell	497
North Platte.....	497
Ord	499
Oshkosh	497
State, in General.....	12
Closing Orders and Requests.....	564
Commissioners:	
List of.....	7
Map Showing Districts.....	38
Water Commissioners.....	7, 12
Compact, Interstate Streams.....	19
Consumption of Water, Guernsey, Wyoming, to Odessa.....	495
Court Decisions:	
Plunkett v. Parsons.....	21
Robinson v. Dawson County Irrigation Company.....	25
Robinson v. Dawson County Irrigation Company.....	32
Creeks (SEE ALSO Hydrographical Index).....	40, 640

D

Développement	15
Discharges and Measurements of Streams—See Hydrographical Index	640
Districts: See Claims and Applications.....	40
Drainage Districts.....	178
Public Power and Irrigation Districts.....	19, 170
Public Rural Electrification Districts.....	174
Public Rural Districts Dissolved.....	177
Water Districts by Divisions.....	38
Diversions: SEE ALSO Hydrographical Index—Canals.....	640
Analysis of, in Platte River Basin (Storage Rights).....	496
Annual, in North Platte and Platte River Basins, By Projects.....	562
From Drains, State Line to Bridgeport.....	494
Platte River Basin Summary, Guernsey to Odessa.....	495
Optional	160

Drains—SEE Hydrographical Index.....	640
Drains, Discharge into North Platte River Between State Line and Bridgeport	491
Diversions from, Between State Line and Bridgeport.....	494

E

Electrical Energy—Nebraska Public Power System.....	18
Electrification Districts, Rural.....	177
Evaporation	496
Executives and Employees.....	7

F

Fees Collected.....	16
Floods	11, 326

G

Gaging Stations:

Compact Stations.....	19
Map of.....	180
Description of:	
Arikaree River—Haigler.....	199
Bayard Sugar Factory Drain—Bayard.....	199
Beaver Creek:	
Beaver City.....	199
Genoa	200
Birdwood Creek—Hershey.....	200
Blue Creek—Lewellen.....	201
Blue River, Big—Barnston.....	201
Blue River, Little—Endicott.....	202
Buffalo Creek—Haigler.....	202
Calamus River—Burwell.....	203
Cedar River—Fullerton.....	203
Elkhorn River:	
Neligh	203
Waterloo	204
Frenchman River:	
Below Champion.....	204
Culbertson	206
Hamlet	205
Harvey Dam Site.....	205
Gering Drain—Gering.....	206

Horse Creek—Lyman.....	206
Lodgepole Creek—Bushnell.....	207
Logan Creek—Uehling.....	207
Loup River:	
Columbus	208
Genoa	208
Loup River, Middle:	
Arcadia	209
St. Paul	209
Walworth	208
Loup River, North:	
St. Paul.....	211
Scotia	210
Taylor	210
Loup River, South:	
Ravenna	212
St. Michael.....	212
Medicine Creek—Cambridge.....	212
Nine Mile Drain—Minatare.....	213
Niobrara River—Spencer.....	213
North Platte River:	
Alcova Dam—Wyoming.....	181
Bridgeport	185
Browns Creek Channel—Bridgeport.....	186
Guernsey Dam—Wyoming.....	182
Henry	182
Keystone	189
Lewellen	188
Lisco	187
Minatare	184
Mitchell	183
Nine Mile Channel—Minatare.....	185
North Platte.....	190
Oshkosh	187
Pathfinder Dam—Wyoming.....	181
Sutherland	190
Whalen Dam—Wyoming.....	182
Wyoming-Nebraska Line.....	182
Platte River:	
Ashland	198
Brady	193
Cozad	194
Duncan	197
Grand Island.....	197

Description of Gaging Stations—Continued	
Odessa	196
Overton	195
Pumpkinseed Creek—Bridgeport.....	214
Red Willow Creek:	
Bayard	214
McCook	215
Red Willow.....	215
Republican River:	
Bloomington	218
Colorado-Nebraska Line.....	215
Culbertson	217
Hardy	219
Max	216
Republican River, South Fork—Benkelman.....	216
Rock Creek—Parks.....	219
Sappa Creek—Beaver City.....	219
Sheep Creek—Morrill.....	220
South Platte River:	
Julesburg—Colorado	191
North Platte.....	193
Paxton	192
Stinking Water Creek—Wauneta.....	220
White River:	
Chadron	221
Crawford	221
Winters Creek—Scottsbluff.....	222
Gaging Stations, Map Showing.....	180
Graphs Showing:	
Drains, Contributions from, Wyoming-Nebraska State Line to Bridgeport	493
Electrical Energy by Nebraska Power System.....	18
Organization—Bureau of Irrigation, Water Power and Drainage	8
Organization—Department of Roads and Irrigation.....	6
Storage Contents of:	
Kingsley and Sutherland Reservoirs.....	583, 615
Seminole, Pathfinder and Alcova Reservoirs.....	461, 476
Ground Water Study.....	17
Guernsey Reservoir.....	464, 479

H

Hydrographical Index.....	640
Hydrography	14

I

Irrigation District, Public.....	172
SEE ALSO Claims and Applications.....	40

K

Kingsley Reservoir.....	582, 614
-------------------------	----------

L

Litigation	21
------------------	----

M

Map of Nebraska Showing:	
Gaging Stations.....	186
Public Power and Irrigation Districts.....	173
Rural Electrification Districts.....	176
Water Divisions.....	38
Missouri River.....	20

N

Nebraska Public Power System—Graph.....	18
North Platte River: (SEE ALSO Platte River)	
Annual Diversions from North Platte River by Projects.....	562
Appropriations on North Platte and Tributaries.....	40
Consumption of Water between Guernsey and Odessa.....	495
Contribution from Drains State Line to Bridgeport.....	492
Discharge from Drains into North Platte River State Line to Bridgeport	491
Diversions from Drains State Line to Bridgeport.....	494
Diversions by Projects, State Line to Odessa.....	562
Graph Showing Contribution from Drains State Line to Bridge- port	493

O

Oliver Reservoir.....	592, 620
Optional Diversions, Record of.....	160
Orders, Closing and Request, Abstract of.....	564

P

Pathfinder Reservoir.....	9, 462, 476
Permits to Appropriate Water.....	40
Platte Rivers (SEE ALSO Hydrographical Index) and North Platte River	640
Annual Diversions by Projects.....	562
Analysis of Diversions in Platte River Basin (Storage Rights)....	496
Diversions from Drains Between State Line and Bridgeport.....	494
Consumption for Irrigation and Power Between Guernsey and Odessa	495
Power Districts, Public.....	170
Precipitation:	
Bridgeport	497
Columbus	498
Culbertson	499
Fort Robinson.....	499
Genoa	499
Grand Island.....	498
Holdrege	498
Lexington	498
Mitchell	497
North Platte.....	497
Ord	499
Oshkosh	497
State, in General.....	12
Public Power and Irrigation Districts.....	170

R

Reservoirs:	
Alcova	12, 463, 478
Graph showing Storage Contents of:	
Seminole, Pathfinder and Alcova.....	461, 476
Guernsey Reservoir.....	464, 479
Kingsley Reservoir.....	12, 582, 614
Oliver (Kimball Irrigation District).....	12, 592, 620
Pathfinder	12, 462, 477
Seminole	12, 462, 477
Sutherland	596, 625
Whitney	12, 630
Return Flow—SEE Drains	
Rivers—See Hydrographical Index.....	640
River, Missouri.....	20

BUREAU OF IRRIGATION

639

Rivers, Interstate.....	19
Rural Electrification Districts.....	174

S

Seeps, Sloughs and Spillways—See Hydrographical Index.....	640
Seminole Reservoir.....	12, 462, 477..
Statistical Summary.....	16
Sutherland Reservoir.....	596, 625
Storage—See Reservoirs	

U

United States Geological Survey, Co-operation with.....	19
---	----

W

Water Administration.....	9
Water, Analysis of Storage Rights Platte River Basin.....	496
Water, Discharge from Drains State Line to Bridgeport.....	491
Water, Diverted from Drains State Line to Bridgeport.....	494
Water Divisions and Commissioners' District, Map Showing.....	38
Water, Ground.....	17
Water, Summary of Monthly Consumption between Guernsey and Odessa	495
Whitney Reservoir.....	12, 630

HYDROGRAPHICAL INDEX
BUREAU OF IRRIGATION, WATER POWER AND DRAINAGE

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
A					
Aberdeen Canal—Frenchman River.....		327	399		
Adams Canal—Lodgepole Creek.....		327	399		
Airedale Canals—Pumpkinseed Creek.....		327			
Alcova Reservoir (463, 478).....					
Allen-Larned Canal—Buffalo Creek.....		328	399		
Alliance Canal—Bayard Sugar Factory Drain.....				569	602
Alliance Canal—Red Willow Creek.....				569	602
Almeria Canal—North Loup River.....		328	399		
Anderson Canal—Lodgepole Creek.....		328	399		
Andrews Supply Canal—Sow Belly Creek.....		329	400		
Anne Creek, Big—Carns.....		223			
Antelope Creek—Neligh.....		223			
Aowa Creek—Ponca.....		223			
Applegate Drain—Sec. 31-13-33.....		223	288		
Arikaree River—Haigler.....	199			500	531
Ash Creek:					
Belgrade.....		223			
Mariaville.....		223			
Whitney.....		224	288		
Ash Creek, East—Above Barron Canal.....		224	288		
Ash Creek, West, Canal—West Ash Creek.....		329	400		
Ash Hollow Creek—Davey.....		224			
Atkins-Polly Canal—Lodgepole Creek.....		329	400	569	602
Auger Creek—Elba.....		224	288		

B

Baker Creek—Laurel.....		224			
Bald Drain—Sec. 32-23-56.....		224	288		
Bar 99 Canals—Bear Creek.....		329	400		
Barber Canal—Clear Creek.....		330	401		
Barrett Canal—Lodgepole Creek.....		331	402		
Barron Canals—East Ash Creek.....		331	402		
Basin Creek—Naper.....		224			
Bates Canal—Bear Creek.....		331			
Battle Creek—Battle Creek.....		225			

BUREAU OF IRRIGATION

641

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Bauersachs Canal—Hooker Creek.....			402		
Bay Creek—Arlington.....		225			
Bayard Drain—Above Alliance Canal.....		225			
Bayard Sugar Factory Drain—Bayard.....	199			500	531
Bazille Creek—Niobrara.....		225			
Bean Creek—Elyria.....		225	288		
Bear Creek—Bates Dam.....		226			
Bear Creek—Bowring Dam.....		225	289		
Bear Creek—Cole Dam.....		226	289		
Bear Creek—Eli.....		226	290		
Bear Creek—Game Commission Dam.....		226	289		
Bear Creek—Merriman.....		225	289		
Beaver Creek:					
Albion.....		227			
Beaver City.....	199			501	532
Beaver Crossing.....		227			
Genoa.....	200			501	532
Ravenna.....		227			
Beeman Creek—Riverview.....		227			
Beerline Canal—North Platte River.....			403	569	602
Beiser Canal—Niobrara River.....		331	403		
Bell Creek—Arlington.....		227			
Belmar Creek—Neligh.....		227			
Belmont Canal—North Platte River.....				570	603
Belmont Feeder—Cedar Creek.....			403	570	
Belmont Canal Spill—Pumpkinseed Creek.....		332			
Bennett Canal—Niobrara River.....		332	403		
Bennett Canal—Lodgepole Creek and Reservoir.....		332	403		
Bickel Canal—Lodgepole Creek.....		332	404	570	603
Bigelow-Seymour Canal—Niobrara River.....		333	404		
Bingham Creek—Niobrara.....		227			
Bird Cage-Quinn Canal—Pumpkinseed Creek.....		333			
Birdwood Creek—Hershey.....	200			502	533
Birdwood Canal—Birdwood Creek.....			404	570	603
Blackwood Creek—Culbertson.....		227	290		
Bloody Creek—Ovitt.....		227			
Bloody Run Creek—Hazard.....		227			
Blue Creek—Lewellen.....	201			502	533
Blue Creek Canal—Blue Creek and Crescent Lake.....				571	603
Blue River, Big:					
Barnston.....	201			503	534
Seward.....		228			
Blue River, West Fork—Beaver Crossing.....		228			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Blue River, Little—Endicott.....	202			503	534
Bluhm Canal—Lodgepole Creek.....		333	404		
Boelus Power Canal—Middle Loup River.....		334	405		
Boggy Creek—Wickersham Dam, Sec. 31-33-54.....		228	290		
Bogus Creek—St. Edward.....		228			
Bone Creek—Schuyler.....		228			
Booth Canals—Lodgepole Creek.....		334	405		
Bordeaux Creek, Big:					
Chadron.....		228	290		
Below Thomas Canal, Sec. 34-34-48.....		228	290		
Bordeaux Creek, Little—Sec. 13-33-48.....		229	291		
Bordwell Canals—Lodgepole Creek.....		335	406		
Borquist Canals—Lodgepole Creek.....		335	406		
Bourett Canal—Niobrara River.....		336	407		
Bow Creek—Hartington.....		229			
Bow Creek—Wynot.....		229			
Bow Valley Creek—Wynot.....		229			
Brady Canal—Lodgepole Creek.....		336	407		
Branch Creek—Staplehurst.....		229			
Britton Pump—North Loup River.....		336			
Brown Creek:					
Arlington.....		229			
Loup City.....		229			
Brownell Creek—Syracuse.....		229			
Browns Creek Canal—North Platte River.....				571	604
Brush Creek—Butte.....		230			
Brush Creek—Staplehurst.....		229			
Buffalo Creek:					
Elm Creek.....		230	291	504	535
Haigler.....	202			504	535
Meadow Grove.....		230			
Bull Drain—Maxwell.....		230	291		
Bullocks Canals—Lodgepole Creek.....		336	407		
Burgess Creek—Niobrara.....		230			
Burwell-Sumter Canal—North Loup River.....		372	441	589	
Burwell-Sumter Canal Spill.....		372			
Bushnell Canal—Lodgepole Creek.....		337	408		
Butterfly Creek—Stanton.....		230			
Cache Creek—Ewing.....		230			
Caladonia Canal—Jim Creek and Caladonia Reservoir.....				408	

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Calamus River:					
Burwell	203			505	536
Harrop		231			
Cambridge Mill—Medicine Creek.....		337			
Cartwright Pump—Ash Creek.....		337	409		
Casteel Pump—Clear Creek.....		337			
Castle Rock Canal—North Platte River.....				571	604
Cedar Branch Creek—Nevins.....		231	291		
Cedar Creek:					
Elba		232	292		
Oakdale		232			
Poole		232			
Schilt-Cedar Creek Canal.....		231	292		
Sec. 11-18-48.....		231	292	505	536
Sec. 3-32-56.....				292	
Sec. 36-33-56.....				292	
Stanton		232			
Taylor		232			
Valdez Canal, Sec. 10-32-56.....		291			
Cedar River:					
Cedar Rapids.....		232			
Ericson		232			
Fullerton	203			506	537
Spalding		232			
Center Creek—Center.....		232	292		
Central Canal—North Platte River.....				572	604
Central Canal Spill.....		337			
Chadron Creek:					
Chadron Reservoir.....		233	293		
Sec. 12-32-49.....		233	292		
Champion Canal—Frenchman River.....		338	409		
Champion Mill—Frenchman River.....		338			
Champion Reservoir Canal—Frenchman River.....		338			
Chase County Land and Livestock Canals.....				409	
Chesbra Creek—Taylor.....		233	293		
Chimney Creek—Meadville.....		233			
Chimney Rock Canal—North Platte River.....				572	604
Chimney Rock Canal Spill No. 1.....		338			
Chimney Rock Canal Spill No. 2.....		339			
Christensen Canals—Lodgepole Creek.....		339	410		
Circle Arrow Canal—Lodgepole Creek.....		339	410	572	605

	Gaug- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Clear Creek:					
Ashland		234			
Lewellen		234	293		
Litchfield		234			
Pibel Lake, Sec. 31-21-10		234			
Sec. 8-14-34		234			
Westerville		234			
Yutan		234			
Clear Creek Canal—Clear Creek		340	410		
Clearwater Creek—Clearwater		234			
Cleveland Drain—Sec. 6-20-52		234	293	506	537
Cob Creek—Loup City		235			
Cody-Dillon Canal—North Platte River				572	605
Coffee Canals—Hat Creek		340	411		
Coffee and Son Flood Canal—Hat Creek			411		
Cold Water Canal—Cold Water Creek		340	412		
Cold Water Creek—Sec. 34-18-46		235	294		
Cole Creek—Loup City		235			
Cole Project Dam No. 1—Bear Creek		341	412		
Coleman Creek—Norden		235			
Columbus Power Canal—Loup River				573	605
Cook Canals—Niobrara River		341	413		
Coon Creek:					
Brocksburg		235			
Carns		235			
Milford		235			
Cooper Canals—White Clay Creek		341	413		
Cottonwood Creek:					
Arcadia		236	294		
Dunlap		235	294		
Palmer		236	294		
Wahoo		236			
Cottonwood Creek, Big		236	294		
Cottonwood Creek, Little:					
Bloomington			295		
Various Location		236	295		
Council Creek		237			
Court House Rock Canal—Pumpkinseed Creek			413	573	606
Cow Creek—Walhill		237			
Cozad Canal—Platte River				573	606
Cozad Canal Spill into Dawson County Canal		342	414		

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Crews Canals—North Fork Republican River.....		342	414		
Crigler Canal—Lawrence Fork Creek.....		343	414		
Cripps Canal—Ash Creek.....			414		
Cripps Pump—Cripps Reservoir.....		343	414		
Crooked Creek:					
Ruby		237			
Spencer		237			
Cross Canal—Willow Creek.....			415		
Cub Creek—Meadville.....		237			
Culbertson Canal—Frenchman River and Stinking Water Creek.....		343		574	606
Cuming Creek—Scribner.....		237			

D

Dane Creek—Ord.....		237	295		
Davis Creek—Cotesfield.....		237	295		
Davis Pump—Lillian Creek.....		343			
Dawson County Canal—Platte River.....				574	607
Dawson County Drain No. 2—Darr.....		237	295	506	537
Dawson County Canal Spill into Elm Creek.....			415		
Dawson County Canal Spill into French Creek.....		344	415		
Dead Creek—Hartington.....		238			
Dead Horse Creek:					
Chadron		238	295		
Loup City.....		238			
Deer Creek:					
Boelus		238			
Maskell		238			
Meadow Grove.....		238			
Wayne		238			
DeGraw Drain—Sec. 24-20-51.....		238	296		
Delaware-Hickman Canal—Republican River.....		344	415		
Dickinson Canals—Lodgepole Creek.....		344	415		
Dismal River—Dunning.....		239			
Dizzy Creek—Butté.....		239			
Dodd-McDowell Canals—Little Cottonwood.....			416		
Dodd-McDowell Canals—Dodd Reservoir.....			416		
Dog Creek—Wayne.....		239			
Dout Canal No. 1—Dout Reservoir No. 1.....		345	417		

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Dout Bros. Canal—Jim Creek.....		345	416		
Dout Bros. Canal No. 2—Dout Reservoir No. 2.....			417		
Driftwood Creek—McCook.....		239	296		
Dringman Drain—Sec. 32-13-33.....		239	296		
Drobny Pump—Middle Loup.....		345			
Dry Creek:					
Cairo			240		
Cottonwood Lake, Sec. 16-34-37.....		239	296		
Gates		241			
Lynch		241			
Meadow Grove.....		240			
Merriman		240	296		
Naper		240			
O'Neill		240			
Pierce		241			
Pleasanton		241			
Ravenna		240			
Riverview		240			
Valley View.....		240			
Dugout Creek, Lower.....		241			
Dugout Creek, Upper.....		241	296	507	538
Dunn Canal—Little Cottonwood Creek.....			417		
Dutch Creek—Meadville.....		241			

E

Eagle Creek—Paddock.....		241			
Earnest Canals—Niobrara River.....		345	418		
Elk Creek:					
Jackson		242			
Palmer		241	297		
Riverview		242			
Elkhorn River:					
Neligh		203		507	538
Norfolk		242			
Waterloo		204		508	539
West Point.....		242			
Elkhorn River, North—Hadar.....		242			
Elkhorn River, South:					
Chambers		242			
Ewing		242			

Elm Creek:				
Elm Creek.....	242	297	509	539
Ord.....	243	297		
Elm Creek Canal—Platte River and Sutherland Reservoir.....	346		575	607
Empire Canal—North Platte River.....			575	607
English Creek—Sec. 11-31-52.....		297		
Enterprise Canal—Morrill Drain.....		418		
Enterprise Canal—North Platte River.....			575	608
Enterprise Canal—Stewart Drain.....		419		
Enterprise Canal—Stewart and Morrill Drains.....			575	608
Enterprise Canal—Tub Springs.....			576	608
Enterprise Canal—Wet Spotted Tail Creek.....		419	576	608
Enterprise Canal—Winters Creek.....		419	576	
Enterprise Canals—Niobrara River.....		419		
Excelsior Canal—Niobrara River.....	346	420		

F

Fairfield Seep—Sec. 18-21-53.....	243	297		
Fanning Seep—Sec. 28-23-56.....	243	297		
Farmers Canal—Frenchman River.....	346	420		
Fiddlers Creek—Homer.....	243			
Fish Creek—Cotesfield.....	243	297		
Fisher Creek—West Point.....	243			
Follett-Krotter Canal—Frenchman River.....	347	420		
Forbes Pump—Loup River.....	347			
Fort Laramie Canal—North Platte River.....			576	609
Fremont Slough—North Platte.....	244	298	509	540
Frenchman River:				
Champion.....	204	245	298	510 540
Champion Canal Diversion Dam.....		245	298	
Culbertson.....	206		511	542
Grosbach and Williams Plant.....		245	299	
Hamlet.....	205		511	541
Harvey Dam Site.....	205		510	541
Imperial.....		245	298	
Inman Canal, Sec. 17-6-40.....		244	298	
Krotter Dam, Palisade.....		246	299	
Maranville Reservoir, Sec. 11-6-41.....		244	298	
Palisade.....		246		
Wauneta.....		246		
Furman Canals—Niobrara River.....	347	420		

Gag- ing Sta- tion	Measure- ments		Daily Discharge	
	1943	1944	1943	1944

G

Gallup Canal—Chadron Creek.....	347	421	.....	.....
Gering Canal—North Platte River.....	.....	.....	577	609
Gering Canal Sluice.....	348	.....	.....	.....
Gering Canal Spill.....	348	.....	.....	.....
Gering Drain—Gering.....	206	.....	512	542
Giles Creek—Tilden.....	246	.....	.....	.....
Gordon Creek—Valentine.....	246	299	.....	.....
Gothenburg Canal—Platte River.....	.....	.....	577	609
Gothenburg Irrigation Canal—Platte River.....	.....	.....	578	.....
Gothenburg Power Return to Platte River.....	.....	.....	578	610
Gothenburg Spill into Buffalo Creek.....	348	421	.....	.....
Gracie Creek—Valley View.....	246	.....	.....	.....
Graf Canal—Blue Creek and Crescent Lake.....	349	.....	579	610
Gravel Creek:				
Elyria.....	246	299	.....	.....
Sec. 9-14-36.....	246	299	.....	.....
Greenwood Creek—Sec. 26-19-50.....	247	299	.....	.....
Grimms Pump—Frenchman River.....	.....	.....	421	.....
Grote Canal—Grote Reservoir.....	349	.....	.....	.....
Guernsey Reservoir (Storage 464, 479).....	.....	.....	.....	.....
Gunderson Canal—Lodgepole Creek.....	349	422	.....	.....

H

Hackberry Creek—Clearwater.....	247	.....	.....	.....
Hadar Creek—Hadar.....	247	.....	.....	.....
Haigler Canal—Republican River.....	349	422	.....	.....
Hail Creek—Neligh.....	247	.....	.....	.....
Haines Branch Creek—Lincoln.....	247	.....	.....	.....
Hall Canal—White River.....	350	422	.....	.....
Hannah Canal—North Platte River.....	350	422	.....	.....
Harper Canal—Clear Creek.....	350	423	.....	.....
Harris-Cooper Canal—White River.....	350	423	.....	.....
Harris-Neece Canal—Niobrara River.....	351	423	.....	.....
Hartzell Canal—Little Bordeaux Creek.....	351	423	.....	.....
Haskel Creek—Ord.....	247	299	.....	.....
Hat Creek—Sec. 35-33-55.....	247	300	.....	.....
Hat Creek Canal, West—Hat Creek.....	.....	.....	423	.....
Hawthorne Creek—Arcadia.....	247	300	.....	.....

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Hays Creek—Arcadia.....		248	300		
Heard Canals—Pumpkinseed Creek.....		351			
Hershey Drain—Sec. 33-14-32.....		248	300		
High Line Canal—Jim Creek.....		352	423		
Hill Canal—West Boggy Creek.....				424	
Hitshew Canal—Niobrara River.....		352	424		
Hobson's Branch Creek—Ceresco.....		248			
Hoffmeister Canal—Hoffmeister Reservoir.....		352	424		
Holcombe Canal—Pawnee Creek.....		353	424		
Hollingsworth Canal—South Platte River.....		353	424		
Holt Creek—Emmett.....		248			
Hooper Canal—Blue Creek.....				579	611
Hooper Creek—Unadilla.....		248			
Hoosier Creek—Spencer.....		248			
Hoover Canal—Lodgepole Creek.....		353	425		
Hopeful Canal—Lawrence Fork.....		353			
Hopkins Canal—Tilden.....		248			
Horse Creek:					
Fullerton.....		249	300		
Lyman.....	206			512	543
Pringles Ranch.....		249	300		
Horse Creek Canal—Horse Creek.....			425		
Howard Canal—Lodgepole Creek.....		354	425		
Howard Creek—Pischelville.....		249			
Howe Creek—Center.....		249			
Hughes Canal—Niobrara River.....		354	425		
Humbug Creek—Pilger.....		249			
Hurley-Lilly-Polly Canal—Lodgepole Creek.....		354	426	579	611

I

Independent Canal—Lodgepole Creek.....		354	426		
Indian Creek:					
Beaver Crossing.....		250			
Max.....		249	301		
Northport Wye.....		249	301	513	543
Sec. 16-32-50.....			300		
Whitney.....		249	301		
Inman Canal—Frenchman River.....		355	426		
Interstate Canal—North Platte River.....				580	611
Ives Creek—Tilden.....		250			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
J					
James Canal—Soldier Creek.....		355			
Jenkins Canal—Buffalo Creek.....		355	426		
Jim Creek—Various Locations.....		250	301		
Jim Creek Canal—Jim Creek.....			426		
Johnson Canal—Lodgepole Creek.....		356	427		
Johnson Canal—Niobrara River.....		355	427		
Jones Canal—Lodgepole Creek.....		356	427		
Jordan Canal—Monroe Creek.....		356	428		
Jordan Canal—Monroe Creek and Jordan Reservoir....		356	428		

K

Kara Lake Canal—Kara Reservoir.....			428		
Katy Creek—Cushing.....		250	302		
Kearney Canal—Platte River, Buffalo and Elm Creeks				580	612
Kearney Power Return to Platte River.....				581	612
Keegan Creek—Stuart.....		250			
Keith-Lincoln County Canal—North Platte River.....		250	428	581	613
Keith-Lincoln County Drain—Sarben.....		250			
Kelso Canal—Big Bordeaux Creek.....		357	429		
Kent-Burke Canal—Pawnee Creek.....		357	429		
Keya Paha River—Naper.....		250			
Keystone Canal—White Tail Creek.....		357	429		
Kilpatrick Canal—Kilpatrick Reservoir.....		357	429		
Kimball Canals—Lodgepole Creek and Oliver Reservoir				581	613
King Canals—Lawrence Fork.....		358			
Kingsley Dam Seepage.....		250	302		
Kingsley Reservoir (Storage 582, 614).....					
Kinney Canals—Lodgepole Creek.....		358	429	584	616
Kite Canal—Monroe Creek.....		358	430		
Krebs Pump—Middle Loup River.....		358			
Krueger Canals—Lodgepole Creek.....		359	430		

L

Labelle Canal—Niobrara River.....		360	431		
Laing Canal—Lawrence Fork.....		360			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Lakotah Canal—Niobrara River.....		360	432		
Lane Drain—Sec. 30-23-57.....		252	304		
Larabee Creek—Sec. 6-34-44.....		252	304		
Last Chance Canal—Pumpkinseed Creek.....		361		584	616
Laughing Water Creek—Carns.....		252			
Lawrence Fork—Redington.....		253	305		
Lee Creek—Arcadia.....		253	305		
Leisey Creek—Wisner.....		253			
Leonard Pump—Coon Creek.....		361			
Leui Pump—Wagner Creek.....		361			
Libby Canals—Lodgepole Creek.....		361	432		
Lichte Canal—Niobrara River.....		362	432		
Lillian Creek—Walworth.....		253			
Lime Creek—Maskell.....		253			
Lincoln County Drain No. 1—North Platte.....		253	305	513	543
Lincoln County Drain No. 2—Sec. 12-14-33.....		254	305		
Lincoln Creek—Staplehurst.....		254			
Lisco Feeder—Cold Water Creek.....				585	617
Lisco Canal—North Platte River.....				585	617
Lodgepole Creek:					
Bennett Reservoir.....		255			
Bushnell.....	207			514	544
Chappell.....		257	308		
Dix.....		255	307		
Kimball.....		255	306		
Krueger Canal, Sec. 31-14-48.....		256	307		
Krueger Lake, Sec. 29-14-48.....		256	308		
Lodgepole.....		257	308		
Oliver Reservoir.....		254	306	513	544
Owasco Canal.....		255	306		
Potter.....		255	307		
Ralton.....		257	309		
Rock Pile, Sec. 33-14-48.....		256			
Sidney.....		256	307		
State Nursery Pond, Sec. 36-15-57.....				306	
Sunol.....		256	308		
Wyoming-Nebraska Line.....		254	306		
Logan Canals—North Platte River.....		362			
Logan Canal—Pumpkinseed Creek.....			432		
Logan Creek—Uehling.....	207			514	545
Logan Creek, Old—Lyons.....		257			
Logan Creek, Middle—Laurel.....		257			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Logan Creek, South—Wayne.....		257			
Lonergan Creek—Lemoyne.....		258	309		
Lone Tree Creek—Ruby.....		258			
Long Pine Creek—Riverview.....		258			
Looking Glass Creek:					
Genoa		258			
Monroe		258			
Sec. 8-17-3.....		258			
Lost Creek:					
Lewellen		258	309		
Naper		258			
Santee		259			
Schuyler		258			
Loup River:					
Columbus	208			515	546
Genoa	208				545
Loup River, Middle:					
Arcadia	209			516	547
Boelus		260	310		
Dunning		259			
Rockville		259	310		
St. Paul.....	209			516	547
Walworth	208	259		515	546
Loup River, North:					
Scotia	210			517	548
St. Paul.....	211			518	549
Taylor	210			517	548
Loup River, South:					
Ravenna	212			518	549
St. Michael.....	212	260			550
Louse Creek—Redbird.....		260			
Luck Creek—Riverview.....		260			
Lundy Power Canal—Middle Loup River.....		363			
Lynholm Canal—Lodgepole Creek.....		363	433		
Lyons Canal—North Platte River.....				585	617

M

McAuliffe Canals—Lodgepole Creek.....	363	433		
McCarthy Canal—White Tail Creek.....	364	434		
McDonald Canal—Republican River.....	364	434		

	Gaug- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
McDowell Storage System—English Creek.....			434		
McFarland Canal—White Clay Creek.....		364	434		
McGill Creek—Norden.....		260			
McKinley-Stover Canals—Niobrara.....		364	435		
McIntosh Canal—Lodgepole Creek.....		365	436	586	
McLain Canal—Stinking Water Creek.....			436		
McLaughlin Canal—Lodgepole Creek.....		365	436		
McLaughlin Canal—Niobrara River.....			436		
McMillan Canal—Middle Loup River.....		366			
Maple Creek—Nickerson.....		260			
Maranville Canal—Frenchman River.....		366	437		
Martens Pump—Big Bordeaux Creek.....		366			
Medicine Creek:					
Cambridge	212		310	519	
Maywood			260		
Meeker Canal—Republican River.....		367	437		
Meglemre Canal—Greenwood Creek.....		367			
Melbeta Drain—Melbeta.....		261	311	519	550
Meredith-Ammer Canal—Pumpkinseed Creek.....		367	437	586	617
Meridian Canal—Niobrara River.....		367	437		
Meskenthine Creek—Stanton.....		261			
Messenger Creek—Sumter.....		261	311		
Mettlen Canal—Niobrara River.....		367	437		
Middle Creek—Lincoln.....		261			
Middle Creek, East—Norden.....		261			
Middle Creek, West—Norden.....		261			
Middle Loup Public Power and Irrigation District:					
Canal No. 1—Middle Loup River.....			437	586	
Canal No. 2—Middle Loup River.....			438	586	
Canal No. 3—Middle Loup River.....			438	587	
Canal No. 4—Middle Loup River.....			438	587	
Spills from Canals—Middle Loup River.....		368			
Midland-Overland Canal—North Platte River.....			438	588	618
Miller Branch Creek—Wahoo.....		261			
Minatare Canal—North Platte River.....				588	618
Minatare Canal Spill near McGrew.....		368			
Minnechaduzza Creek—Valentine.....		262	311		
Minnow Creek—Jackson.....		262			
Mira Creek—North Loup.....		262	311		
Mitchell Canal—North Platte River.....				588	618
Monroe Canal, Big—Monroe Creek.....		369	439		
Monroe Creek—Above Reservoir, Sec. 14-33-56.....		262	311		
Monroe Creek—Below Monroe Canal, Sec. 33-33-56.....		262	312		

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Montague Canal—Niobrara River.....		369	439		
Moon Creek—Loup City.....		262			
Mobre Canal—Niobrara River.....		369	439		
Morgan Creek—Winnebago.....		262			
Morse Creek—Naper.....		263			
Mosquito Creek—Mempris.....		263			
Mud Creek—Spalding.....		263			
Muddy Creek—Hazard.....		263			
Muleshoe Creek—Norden.....		263			
Munson Creek—Elba.....		263	312		
Mutual Canal—Pumpkinseed Creek.....		370	439		

N

Naab Pump—North Loup River.....		370			
Naslund Canal—Lodgepole Creek.....		370	440		
Nelson Canal—Greenwood Creek.....		370			
Nemaha River—Falls City.....					551
Neuman Canals—Lodgepole Creek.....		371	440		
Newton Canal—North Loup River.....		371	440		
Niehus Canal—Lawrence Fork.....		372	441		
Nine Mile Canal—North Platte River.....				588	618
Nine Mile Drain—Minatare.....	213			520	551
Niobrara River:					
Agate.....		264	313		
Camp Felton.....		265	313		
Dunlap.....		264			
Gordon.....		265	313		
Harrison.....		263	312		
Marsland.....		264	313		
Spencer.....	213	265		520	552
Valentine.....		265	314		
Whistle Creek, Sec. 7-28-53.....		264	312		
Wyoming-Nebraska State Line.....		263	312		
Norman Canal—Indian Creek.....				441	
Norman Supply Canal—Indian Creek.....				441	
North Loup River Public Power and Irrigation District:					
Burwell-Sumter Canal—North Loup River.....		372	441	589	
Ord-North Loup Canal—North Loup River.....				441	590

BUREAU OF IRRIGATION

655

	Gag- ing Sta- tion		Measure- ments		Daily Discharge	
	1943	1944	1943	1944	1943	1944
Taylor-Ord Canal—North Loup River.....			441		589	
Spill from Burwell-Sumter Canal.....	372					
Spill from Ord-North Loup Canal.....	372					
Spill from Taylor-Ord Canal.....	372					
North Platte Canal—North Platte River.....					590	619
North Platte Canal Spill—Cook Spillway.....	373	442				
North Platte Canal Spill—North Platte.....	374	442				
North Platte Canal Spill—Scout Creek.....	373	442				
North Platte River—See Platte Rivers.....						
Northport Canal—North Platte River and Pathfinder Reservoir.....					590	619
Northport Irrigation District—Drains Entering Tri- State Canal.....					591	619
Northport Diversion Summary.....					591	620
Norwegian Bow Creek—Hartington.....	266					

O

Oak Creek:

Dannebrog.....			266			
Mariaville.....			266			
Nysted.....			266			
West Lincoln.....			266			
Oberfelder Canal.....	374	442				
O'Donnell Canal—Big Bordeaux Creek.....	374					
Oliver Brothers Canal—Frenchman River.....	374	443				
Oliver Reservoir—Lodgepole Creek (Storage 592, 620).....						
Omaha Creek—Homer.....	266					
Omaha Creek, North—Walthill.....	265					
O'Neill Valley Creek—Albion.....	266					
Ord-North Loup Canal—North Loup River.....			441	590		
Ord-North Loup Canal Spill.....	372					
Orchard-Alfalfa Canal—Platte River.....					592	621
Oshkosh Canal—North Platte River.....	375				592	621
Otoe Creek—Yutan.....	266					
Otter Creek—Lemoyne.....	267	314				
Owasco Canal—Lodgepole Creek.....	375	443	593	621		
Owasco Canal (Bay State Lateral)—Lodgepole Creek.....	375		593	621		
Ox Yoke Canal—Ash Creek.....	375	443				

P

Paisley Canal—Blue Creek and Crescent Lake.....	375		593	622		
Parks Canal—Republican River.....	376	443				

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Pathfinder Reservoir (Storage 462, 477)					
Pawnee Creek—Brady.....		267	315		
Paxton-Hershey Canal—North Platte River.....		376	443	584	622
Pearl Creek—Hartington.....		267			
Pebble Creek:					
Burwell		267			
Scribner		267			
Perrin Creek—Laurel.....		268			
Persinger Canal—Lodgepole Creek.....		376	444		
Peters Canal—Pumpkinseed Creek.....		377			
Peterson Creek—Oakdale.....		268			
Phelan Canal—Rock Creek.....				444	
Phelps County Canal—Platte River.....		377	444		
Pigeon Creek—Homer.....		268			
Pine Creek—Colclessor Mill.....		268	315		
Pioneer Canals—Niobrara River.....		377	445		
Pishel Creek—Pishelville.....		268			
Platte Rivers:					
Platte River, North:					
Alcova Reservoir (Storage 463, 478).....		181			
Alcova Reservoir, Outflow of (463, 478).....					
Bridgeport		185		467	482
Bridgeport—Browns Creek Channel.....		186			
Gering Spillway, Below.....				314	
Guernsey Reservoir (Storage 464, 479).....		182			
Guernsey Reservoir, Inflow of (464, 479).....					
Guernsey Reservoir, Outflow of (465, 480).....					
Keystone		189		469	484
Kingsley Reservoir (Storage 582, 614).....					
Lewellen		188		468	483
Lisco		187		467	482
Minatare		184		466	481
Minatare—Nine Mile Channel.....		185			
Mitchell		183		466	481
North Platte.....		190		470	485
Oshkosh		187		468	483
Pathfinder Reservoir (Storage 462, 477).....		181			
Seminoe Reservoir (Storage 462, 477).....					
Sutherland		190		469	484
Tri-State Control and Spillway, Below.....				314	
Tri-State Needle Dam, Below.....				314	

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Whalen, Below.....	182				
Wyoming-Nebraska Line.....	182			465	480
Platte River, South:					
Julesburg.....	191			470	485
North Platte.....	193			471	486
Paxton.....	192			471	486
Platte River:					
Ashland.....	198			475	490
Brady.....	193			472	487
Cozad.....	194			472	487
Duncan.....	197			474	489
Grand Island.....	197			473	489
Odessa.....	196			473	488
Overton.....	195			473	488
Tri-County Diversion, Below.....		268	315		
Pleasant Run Creek—Stanton.....		268			
Plum Creek:					
Beemer.....		269			
Fullerton.....		268			
Meadville.....		268			
Sec. 10-19-49.....		268			
Seward.....		269			
Plunkett Reservoir Canal—Prairie Dog (Little Red) Creek.....			445		
Ponca Creek—Verdel.....		269			
Potmesil Canal—Niobrara River.....		378	445		
Powder Creek—Newcastle.....		269			
Prairie Creek—Silver Creek.....		269			
Prairie Dog Creek:					
Kansas-Nebraska Line, Sec. 32-1-18.....		269			
Prairie Dog Creek (See Little Red Creek).....					
Schilt-Prairie Dog Canal, Sec. 35-33-56.....		269	315		
Premier Canal—Lodgepole Creek.....		378	446		
Prosser Creek—Riverview.....		269			
Pumpkinseed Creek:					
Bridgeport.....	214	271		521	552
Gering-Kimball Highway, Sec. 4-19-55.....		270	316		
Heard Canal, Sec. 14-19-54.....		270			
Logan Canal, Sec. 7-19-55.....		270			
Peters Canal, Sec. 2-19-56.....		269			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Pumpkinseed Creek—Continued					
Redington		271			
Schnell Canal, Sec. 2-19-56.....		270	315		
Scott Reservoir, Sec. 7-19-55.....		270			
R					
Ralton Canal—Lodgepole Creek.....		379	446		
Ramshorn Canal—North Platte River.....				594	622
Randall Canal—Lawrence Fork.....		379			
Rankin Canal—Middle Loup River.....		379			
Rasher Canal—White River.....		379			
Rawhide Creek—Waterloo.....		271			
Rawhide Cut-off—Elk City.....		271			
Red Creek, Little (See Prairie Dog Creek).....		271	316		
Redbird Creek—Redbird.....		271			
Red Willow Creek:					
Bayard		214		521	553
North of McCook.....		214		522	553
Red Willow.....		215		522	554
Republican River:					
Bloomington		218		525	556
Colorado-Nebraska Line.....		215		523	554
Culbertson		217		524	556
Hardy		219		525	557
Max		216		524	555
McCook		272	316		
Orleans		272			
Republican River, North Fork—Benkelman.....		271	316		
Republican River, South Fork—Benkelman.....		216		523	555
Rickman Creek—Riverview.....		272			
Riverside Canal—Frenchman River.....		380	446		
Riverside Canal—Republican River.....		380			
Rock Creek:					
Beemer		272			
Greenwood		272			
Mariaville		272			
Meadville		272			
Palmer		272	316		
Parks		219		526	557
Rockville		272	316		

	Gag- Sta- ing tion	Measure-		Daily	
		ments 1943	1944	Discharge 1943	1944
Round House Rock Canal—Pumpkinseed Creek.....	380				
Runge Canal—Lodgepole Creek.....	381	446			
Rush Creek Canal—North Platte River.....	381				
Russell Creek—Unadilla.....	272				
Ruttner Canals—Lodgepole Creek.....	381	447			

S

Saint Clair Creek—Oakdale.....	273				
Salt Creek—Ashland.....	273				
Sand Creek:					
Belmar	273	316			
Poole	273				
Wahoo	273				
Wisner	273				
Sandy Creek, Big—Butte.....	273				
Sandy Creek, Little—Butte.....	273				
Sappa Creek:					
Beaver City.....	219		526	558	
Stamford	273	316			
Sarben Slough—Sarben.....	274	317			
Schilt-Cedar Creek Canal—Cedar Creek.....	382	447			
Schilt-Monroe Canal—Monroe Creek.....	382	448			
Schilt-Prairie Dog Canal—Prairie Dog Creek.....	382	447			
Schindler Creek—Pischelville.....	274				
Schnell Canal—Pumpkinseed Creek.....	382	448			
Schnell Pump—Ground Water.....	383				
Scott Canal—Pumpkinseed Creek.....	383	448			
Scottsbluff Drain No. 1.....	274	317	527	558	
Scottsbluff Drain No. 2.....	274	317	527	558	
Scout Creek—North Platte.....	274	318			
Scripter Canal—Clear Creek.....	383	448			
Seegrist Canal—Renfro Reservoir.....		448			
Seminole Reservoir (Storage 462, 477).....					
Sheep Creek—Morrill.....	220		527	559	
Sheldon Canal—East Ash Creek.....	383	449			
Shell Creek—Schuyler.....	275				
Shephard Creek—North Loup.....	275	318			
Shepherd Canal—Squaw Creek.....		449			
Sherbeck Pump—Mud (Beaver) Creek.....	383				
Sheridan-Wilson Canal—North Platte River.....	384	449	594	623	

	Gauging Station	Measurements		Daily Discharge	
		1943	1944	1943	1944
Sheridan-Wilson Canal—Sarben Slough.....				594	
Short Line Canal—North Platte River.....				595	623
Signal Bluff Canal—North Platte River.....		384	449		
Silver Creek:					
Lynch		275			
Memphis		275			
Palmyra		275			
Ponca		275			
Scribner		275			
Silver Creek.....		275			
Silvernail Drain—Sec. 6-19-49.....		275	318	528	559
Simpson Creek—Carns.....		276			
Simons Canal—Little Cottonwood Creek.....		384			
Six Mile Canal—Platte River.....		384		595	623
Skedee Creek—Genoa.....		276			
Skull Creek—Ovitt.....		276			
Skunk Creek—Keystone.....		276	318		
Slattery Canal—Jim Creek and Caladonia Reservoir.....			449		
Slattery Canal—Dead Horse Creek.....		385	449		
Sleepy Hollow Creek—Beaver Crossing.....		276			
Slough Creek, Big—Rosalie.....		276			
Smith-Wheeler Canal—Pumpkinseed Creek.....		385			
Snake Creek—Sec. 8-24-48.....		276	318		
Snake River—Sec. 2-13-30.....		277	319		
Soderquist Canal—Lodgepole Creek.....		385	450		
Soldier Creek:					
Fort Robinson.....		277	319		
Pishelville		277			
South Creek—Ponca.....		277			
Sow Belly Creek—Various Locations.....		277	319		
Sow Belly Canals—Sow Belly Creek.....		385	450		
Spohn Canal—North Platte River.....		386		595	623
Spotted Tail Creek—Brocksburg.....		277			
Spotted Tail Creek, Dry—Mitchell.....		277	320	528	559
Spotted Tail Creek, Wet—Scottsbluff.....		278	320		
Spring Branch Canal—Lawrence Fork.....		386	450		
Spring Creek:					
Cushing		279	320		
Mills		278			
Norfolk		279			
Sec. 34-33-55.....		278			
Sec. 13-32-52.....		278			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Spencer		279			
Sumter		278	320		
Wyoming-Nebraska Line.....		278	320		
Spring Creek Canal No. 1—Spring Creek.....		386			
Squaw Creek:					
Crete		279			
McDowell Reservoir, Above.....		279	320		
McDowell Reservoir, Below.....		279	321		
Pishelville		279			
Wyoming		279			
Steel Creek—Pishelville.....		280			
Stinking Water Creek—Palisade.....		280	321		
Stinking Water Creek—Wauneta.....	220			528	560
Strever Creek—Overton.....		280	321	529	560
Stuart Brothers Canals—Little Cottonwood Creek.....		387	451		
Stuart-Maple Canal—Little Cottonwood Creek.....			451		
Stuart (Thomas) Canal.....		391	452		
Stumph Canal—East Ash Creek.....		387	452		
Suburban Canal—North Platte River.....		388		595	624
Suburban Canal—Lincoln County Drain No. 1 A.....		388			
Sutherland Power Return.....				597	625
Sutherland Canal—North Platte River.....				596	624
Sutherland Reservoir System—North Platte River (Storage 596, 625).....					
Sweet Creek—Cairo.....		280			

T

Table Creek, North—Nebraska City.....	266				
Table Creek, South—Nebraska City.....	280				
Taylor Canal—Niobrara River and Pepper Creek.....	388				
Taylor-Ord Canal—North Loup River.....		441	589		
Taylor-Ord Canal Spill.....	372				
Thirty Mile Canal—Platte River.....				597	626
Thirty Mile Canal Spill, Little Spillway.....	388	452			
Thirty Mile Canal Spill, Middle Spillway.....	389	452			
Thirty Mile Canal Spill, Henderson Spillway.....	389	453			
Thirty Mile Canal Spill, Darr Spillway.....	390	453			
Thomas Canal—East Ash Creek.....	390	453			
Thomas Canal—Big Bordeaux Creek.....	391	453			
Thomas Stuart Canal—Little Cottonwood Creek.....	391	452			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Thomas Creek—Riverview.....		280			
Timber Creek—Fullerton.....		280			
Tobin Canal—Lodgepole Creek.....		391	454		
Todd Canal—East Ash Creek.....		392	454		
Towne Pump—Medicine Creek.....		392			
Tracy Canal—Lodgepole Creek.....		392	454		
Trails End Canal—Pumpkinseed Creek.....		392			
Tri-County Canal—Platte River.....				598	626
Tri-County Canal, Jeffrey Power Return to Platte River				598	627
Tri-County Canal, Johnson Power Return to Platte River				599	627
Trinnier Canal—Greenwood Creek.....		393			
Tri-State Canal—North Platte River and Pathfinder Reservoir				599	628
Tri-State Canal—Summary.....				600	628
Tri-State Canal—Toohey Spillway.....		393	454		
Tri-State Canal—Mitchell Spillway.....		393	454		
Trueblood Creek—Tilden.....		281			
Trognitz Canal—Lodgepole Creek.....		393	455		
Trunk Butte Creek—Sec. 25-33-50.....		281	321		
Tub Springs—Above Enterprise.....		281	321	529	560
Tub Springs—Below Enterprise.....			322		
Turkey Creek:					
Dannebrog		282			
Meadville		281			
Naponee		281	322		
Newcastle		282			
Turtle Creek:					
Elyria		282			
Winnebago		282			

U

Union Canal—Blue Creek.....				599	629
Union Creek—Stanton.....		282			
Urbach Canal—Lodgepole Creek.....		393	455		

V

Valdez Canals—Cedar Creek.....		393	455		
Vasant-Scott Pump—Clear Creek.....		394			

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Verdigris Creek—Niobrara.....		282			
Verhees Creek—Boone.....		282			
Victoria Canals—Victoria Creek.....		394	455		
Victoria Creek:					
Below Dam, Sec. 6-19-20.....		282	322		
Gates		282			

W

Wagner Creek—Comstock.....		283	322		
Wahoo Creek—Ashland.....		283			
Wallace Creek—Scotia.....		283	322		
Walnut Creek:					
Beaver Crossing.....		283			
Maskell		283			
Nebraska City.....		283			
Warbonnet Canals—Warbonnet Creek.....		394	456		
Warbonnet Creek:					
Warbonnet Canal, Sec. 21-33-56.....		283	322		
Warbonnet Canal, Sec. 20-33-56.....			322		
Warneke Canal—Niobrara River.....		395	456		
Wearin Canal—Lodgepole Creek.....		395	457		
Wells Pump—North Loup River.....		395			
Wentworth Creek—Riverview.....		283			
Wertz Canal—Lodgepole Creek.....		395			
Western Canal—South Platte River.....		396		600	629
Whisky Creek—Lynch.....		284			
White Clay Creek—Crawford.....		284	322		
White Clay Creek—Sec. 6-34-44.....		284	323		
White Horse Creek—Gannett.....		284	323		
White River Canals—White River.....		396	457		
White River:					
Chadron	221		325	530	
Crawford	221		324	529	
Sec. 19-32-51.....		285			
Whitney		285	324		
Whitney Diversion, Sec. 26-32-52.....		285	324		
White Tail Creek—Keystone.....		285	323		
Whitney Reservoir (Storage 630).....					
Wickersham Canals—Boggy Creek.....		396	457		

	Gag- ing Sta- tion	Measure- ments		Daily Discharge	
		1943	1944	1943	1944
Wickersham Canal—Boggy Creek and Wickersham					
Reservoir		396	457		
Weigand Canals—Lodgepole Creek.....		397	458		
Wiggle Creek:					
Homer		286			
Loup City.....		286			
Wild Horse Creek—Dunning.....			286		
Wilds Canal—Lodgepole Creek.....		397	459		
Willow Creek:					
Dunbar		286			
Harrisburg			325		
Long Pine.....		286			
Mariaville		286			
Pierce		286			
West Point.....		286			
Winters Creek—Scottsbluff.....	222			530	561
Winters Creek Canal—Minatare Drain.....		398			
Winters Creek Canal—North Platte River.....				601	630
Winters Creek Canal—Winters Creek.....				601	630
Winters Creek Lateral—Winters Creek.....				601	631
Wolf Creek—Milford.....		286			
Wolfe Canal—Lodgepole Creek.....		398	459		
Wood River—Grand Island.....		286			
Woodruff Canals—Jim Creek.....			460		
Wortman Creek—West Point.....		287			
Wyman Creek—Riverview.....		287			

Y

Yankton Slough—Pierce.....		287			
----------------------------	--	-----	--	--	--

Z

Zerbst Canals—Little Red Creek.....		398	460		
Zimmerman Canal—Sow Belly Creek.....		398	460		