BEN ROSS, Governor

Bureau of Water Resources
Mark H. Coffin
Director

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
R. W. FARIS, Commissioner

BOISE

January 15, 1935

Hon. C. BEN ROSS
Governor of Idaho
Boise, Idaho

Sir:

There is transmitted herewith the annual report of Lynn Crandall, Watermaster and Special Deputy Commissioner of Reclamation for Water District No. 36.

District No. 36 comprises practically the entire Snake River Valley above Milner dam, with an area of nearly a million acres of irrigated land, including the original Twin Falls tract, the Twin Falls North Side project and the lands supplied with water from the Government canal, in the vicinity of Shoshone and Gooding, or about 40 per cent of the total irrigated area of the State.

The problems confronting the Watermaster in the handling and distribution of water in this vast area are numberless, complicated, confusing and vexatious.

The solution of the many problems encountered by the Watermaster requires a wide and extensive knowledge of conditions in the territory under his jurisdiction, and competency, industry and personal integrity of the highest order. Mr. Crandall possesses all these vitally necessary qualifications and has exercised them wisely and efficiently in meeting the trying conditions that have been met with during the irrigation season of 1934.

Without the industry and competency displayed by Mr. Crandall and his able corps of assistants and their hearty and active cooperation with this Department, the Governor's Emergency Drouth Relief Committee, water users and other agencies, in their endeavors to secure the highest possible utilization of the water supply available, crop losses would have been much heavier.

As usual, the Committee of Nine cooperated in every way possible to alleviate and stabilize conditions in this District during the past season, which cooperation and assistance has been fully appreciated and is gratefully acknowledged.

Very truly yours,

R. W. Faris

Commissioner of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

LYNN CRANDALL, WATERMASTER

IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

C. BEN ROSS, GOVERNOR
R. W. FARIS, COMMISSIONER

January 10, 1935

Mr. R. W. Faris,
Commissioner of Reclamation,
Boise, Idaho.

Dear Sir:

I am transmitting herewith the 1934 annual report on water distribution in District No. 36.

The work of water distribution and operation of stream-gaging stations was carried on, as in past years, under a cooperative agreement between the Snake River waterusers, the State of Idaho, and the U. S. Geological Survey.

1934 was the year of lowest run-off yet experienced on Snake River and considerable loss of crops resulted from water shortage, especially on Henrys Fork and tributaries.

By cooperation between the various waterusers and the Committee of Nine, with the assistance of yourself and the Governor's Emergency Drought Committee, it was possible to work out various plans for the development, conservation, and use of available supplies that ameliorated the situation to some extent.

The year, however, served to emphasize the need for additional dry year water supplies on Snake River and it is to be hoped that the investigations now being carried on by the U. S. Bureau of Reclamation will result in some definite plan for improvement of the present situation.

The capable, efficient service of the various members of the operating organization during the season and the assistance of W. V. Iorns and Ann B. Kammers in the preparation of this report are also gratefully acknowledged.

Very truly yours,

LYNN CRANDALL,

Watermaster.

WATER DISTRIBUTION AND HYDROMETRIC WORK

WATER DISTRICT NO. 36

1934

By Lynn Crandall

Watermaster

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INTRODUCTION

The annual watermaster election of District No. 36 was held in Idaho Falls on March 5, 1934. Lynn Crandall was re-elected as watermaster and the following were re-elected as members of the advisory committee of nine:

W. O. Cotton, E. B. Darlington, John W. Hart, John E. Kelley, F. A. Miller, E. H. Neal, Eph Ricks, N. V. Sharp, and R. E.Shepherd.

Following the watermaster election the committee organized by electing John W. Hart chairman, F. A. Miller, vice chairman, and John Lee, secretary.

The annual meeting unanimously adopted the report of the resolutions committee, which provided that the following transmission losses shall be charged on stored water: 2.5% Moran to Heise, 4.4% Heise to Lorenzo, 0.5% Lorenzo to Woodville, 6% Woodville to Blackfoot, 1.5% Henrys Lake to Warm River, 0.5% Warm River to Ashton.

A resolution was also unanimously adopted authorizing the temporary storage during 1934 of natural flow rights in Jackson Lake and Henrys Lake reservoirs at such times as priorities were cut to April 15, 1898, which is earlier than any priorities below American Falls. This procedure had been followed during the previous dry year of 1931 and proved of so much benefit that it was authorized during 1934 in an attempt to alleviate the anticipated water shortage during that year as much as possible by

permitting various upper valley canals to take some loss on their early crops and save water for those requiring late irrigation.

At the time of the watermaster election the snowfall at high elevations on the watershed was about 75% of normal and at low elevations 50% or less, and the shortage in water supply thus indicated was amply borne out by the low flow that occurred during the season.

Owing to regulation beginning early in April there were no flood waters available for storage in either Jackson Lake or American Falls reservoirs; in fact there was no time after April 9 when the flow of the river was ever sufficient to fill the decreed natural flow rights. After allowing for storage holdovers from 1933 to the credit of individual companies it was only possible to fill 52.6% of the bottom rights at Jackson Lake and 51.5% of rights in American Falls reservoir.

Fear of impending shortage caused canals in the "sub" district on Henrys Fork to start heavy diversions during February. Henrys Fork below St. Anthony was dry by March 5. The main river at Blackfoot was dry by April 9. During the latter part of the irrigation season Snake River was absolutely dry at Lorenzo for the first time in its history and remained in that condition until late in November.

Canals above Blackfoot on the main river and Henrys Fork diverted during the season 2,627,898 acre-feet, of

which 289,411 acre-feet, or 11%, was stored water, exclusive of stored natural flow. Rights below American Falls used 2,158,760 acre-feet, of which 1,236,134 acre-feet, or 57%, was stored water.

Although the records, as herein tabulated, only extend to Sept. 30, 1934, the available flow of the stream was practically all used for fall irrigation, stock, and domestic water until Nov. 28, 1934, when cold weather and a general snow storm reduced upper valley diversions so that water began to flow past Blackfoot and storage began at American Falls. The gates at Jackson Lake were closed on Oct. 1, 1934 and were not opened again, although the available flow below Jackson Lake after that date was far from sufficient to fill the desires of upper valley canals.

Request for the watermaster to begin regulation was made early in March and instructions to do so were issued March 12 by the Commissioner of Reclamation.

Lynn Crandall was appointed March 23 as special deputy State Commissioner of Reclamation to handle deliveries of stored water from Jackson Lake and American Falls reservoirs.

Regulation on Henrys Fork began March 13, with the employment of one river rider. Riders on the main river above Blackfoot began work on April 9 and continued until late in November, although not working daily after

October 1.

The shortage of water supply that existed in the streams above canal diversions was further aggravated by heavy river losses. In losing sections of the river the losses were generally greater than normal, and in sections where the river usually gains from ground-water inflow and irrigation waste the gains were below normal.

PERSONNEL

The personnel engaged in the work of distribution during the year was as follows:

Lynn Crandall,	Watermaster & Special Deputy Commissioner of Reclamation.
W. V. Iorns,	Assistant Engineer.
Melvin Luke,	Hydrographer & Deputy Watermaster on Henrys Fork & tributaries.
Geo. H. Powell,	Hydrographer during irrigation season.
Ann B. Kammers,	Clerk.
R. L. Sutcliffe,	Deputy Watermaster, Teton Basin.
Walter C. Lenz,	Deputy Watermaster, Upper Fall River.
Clarence Madsen,	Deputy Watermaster, Henrys Fork & Teton River.
W. J. Kremer,	Deputy Watermaster, Heise Division.
H. M. Bramwell,	Deputy Watermaster, Rigby Division.
R. S. Boal,	Deputy Watermaster, Idaho Falls " .
Eugene Liljenquist,	Deputy Watermaster, Blackfoot Division.
H. E. Field,	Deputy Watermaster, American Falls Dam.
Dana Templin,	Deputy Watermaster, Minidoka Dam.
W. N. McConnel,	Deputy Watermaster, Milner Dam.
Gust Jacobson,	Deputy Watermaster, Swan Valley Dist.
B. B. Hill,	Supt., Jackson Lake Dam.
J. M. McGinn,	Supt., Henrys Lake Dam.

Mrs. John Keppner, C. C. Davidson, Mrs. Irvin Siepert, C. S. Snyder, J. F. Johnson, D. R. Anthony, James Fugal, J. A. Clough, T. E. Culley, A. J. Ayers, and G. S. Gilham, gage readers.

SNOW SURVEYS

The results of snow surveys on the Jackson Lake watershed during past years are shown in the following tabulation:

Table showing average snow depth and water equivalent on Jackson Lake watershed, in inches.
(Snow surveys made 14th - 21st of each mo.)

Year	January		February		March		April	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water
1919	36	8.1	45	12.0	52	16.8	49	18.4
1920	40	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
Mean, inches	43	11.1	56	16.5	61	20.2	54	21.2
Mean, % water	26		29		33		39	

The above table is the average of results at Moran, Moran Canyon, Arizona Station, Huckleberry Divide, Snake River Station, Coulter Creek, Lewis Lake Divido, Aster Creek, and Glade Creek.

The results of those snow surveys have proved to be a fairly good indication of the run-off to be expected from above Jackson Lake. Only about 20% of the run-off of the

South Fork of Snake River, however, normally originates above Jackson Lake, so that the snow situation on the lower watershed is of considerable importance in attempting to estimate run-off. Records from various regular Weather Bureau stations on the watershed in Wyoming and Idaho furnish the best available information on the area below Jackson Lake. These indicated in 1934, as they have for several years past, a considerably greater deficiency below normal than existed on the upper watershed above Jackson Lake. From such records it appears that the accumulated precipitation and snowfall on the watershed below Jackson Lake in the spring of 1934 did not exceed 50% of normal.

REGULATION SCHEDULE

The following schedule applies to regulation on the main river above Blackfoot. Below American Falls a portion of the March 22, 1903 right of the Minidoka Project was filled for a few days but throughout most of the season the available natural flow that enters the river below Blackfoot was only sufficient to partially fill the Oct. 11, 1900 right of the Twin Falls Canal Co. and first segregation of the North Side Canal Co. Rights of later than March 22, 1903 priority never received any natural flow after American Falls reservoir started to recede on April 7.

The daily amounts of natural flow received by various

canals below American Falls are shown on Plates 11-13.

1934 Regulation Schedule

Apr. 9 Cut rights to June 1, 1889 priority.
" 17 Filled 1890 rights.
" 18 Filled June 1, 1891 rights.
" 19 Cut off 1891 rights.
" 20 Cut off Nov. 20, 1890 rights.
" 23 Filled 1893 rights.
" 24 Filled part of Feb. 6, 1895 right.

May 2 Filled part July 9, 1896 right.
" 4 Cut off 1896 rights.
" 6 Filled upper valley 1900 rights.
" 8 Filled 1902 rights.
" 15 Cut off 1898 rights.
" 16 Cut off rights later than Feb. 6, 1895.
" 17 Filled part of Feb. 6, 1895 right.
" 18 Filled 1895 rights.
" 19 Filled 50% July 9, 1896 rights.
" 20 Filled 1898 rights.
" 21 Cut off 1898 rights.
" 22 Filled 50% July 9, 1896 rights.
" 23 Cut off rights later than Feb. 6, 1895.
" 24 Filled 60% Feb. 6, 1895 rights.
" 25 Filled 50% Feb. 6, 1895 rights.
" 26 Filled 20% of Feb. 6, 1895 rights.
" 27 Cut off Feb. 6, 1895 rights.
" 28 Cut off all 1895 rights.
" 29 Filled 50% Aug. 18, 1894 rights.
" 31 Cut off 1893 rights.

June 1 Filled 50% Dec. 14, 1891 rights.
" 2 Cut off June 1, 1891 rights.
" 3 Cut off rights later than Oct. 16, 1890.
" 4 Filled 50% Oct. 16, 1890 rights.
" 5 Filled July 12, 1890 rights.
" 6 Cut off June 1, 1890 rights.
" 7 Filled July 12, 1890 rights.
" 8 Filled June 1, 1891 rights.
" 9 Filled 1893 rights.
" 10 Filled 1894 rights.
" 11 Filled part Feb. 6, 1895 rights.
" 12 Cut off 1893 rights.
" 13 Cut off June 1, 1891 rights.
" 14 Cut off all 1891 rights.
" 15 Cut off rights later than July 12, 1890.
" 16 Cut off rights later than June 10, 1890.
" 17 Cut off all 1890 rights.
" 18 Filled 50% July 10, 1889 rights.
" 19 Cut off rights later than July 1, 1889.

June 20 Filled 50% June 1, 1889 rights.
" 21 Cut off June 1, 1889 rights.
" 22 Filled 40% May 11, 1889 rights.
" 23 Filled 10% May 11, 1889 rights.
" 24 Filled 40% Apr. 15, 1889 rights.
" 26 Filled Apr. 15, 1889 rights.
" 27 Filled May 1, 1889 rights.
" 28 Filled 50% Apr. 15, 1889 rights.
" 29 Cut off Apr. 15, 1889 rights.

July 2 Cut off all 1889 rights.
" 3 Filled 70% Aug. 13, 1888 rights.
" 4 Filled 50% Aug. 13, 1888 rights.
" 5 Filled all 1888 rights.
" 6 Filled 10% May 11, 1889 rights.
" 8 Cut off rights later than Apr. 6, 1889.
" 10 Filled 50% Aug. 13, 1888 rights.
" 11 Cut off Aug. 13, 1888 rights.
" 12 Filled 80% June 21, 1888 rights.
" 13 Filled 70% June 21, 1888 rights.
" 14 Filled 50% June 21, 1888 rights.
" 15 Cut off June 15, 1888 rights on South Fork.
" 16 Filled 30% June 21, 1888 rights on Henrys Fork and below South Fork.
" 18 Filled 1/3 June 15, 1888 rights on South Fork.
" 19 Cut off all rights later than June 10, 1888.
" 20 Filled 75% June 10, 1888 rights.
" 22 Filled 10% June 21, 1888 rights.
" 23 Filled 500 sec. ft. of June 21, 1888 rights.
" 24 Filled 250 sec. ft. of June 21, 1888 rights.
" 25 Filled 150 sec. ft. of June 21, 1888 rights.
" 26 Filled 270 sec. ft. of June 21, 1888 rights.
" 27 Filled 150 sec. ft. of June 21, 1888 rights.
" 28 (Filled 50 sec.ft. June 21, 1888 rights on Henrys Fork.
(Filled 75% June 10, 1888 rights on South Fork.
" 29 Filled 50% June 10, 1888 rights on South Fork.
" 30 (Filled 80% June 1, 1888 on S. Fork, 100 sec.ft.
(June 21, 1888 on Henrys Fk. & below junction Henrys and South Forks.

Aug. 1 Filled 50% June 1, 1888 rights on South Fork.
" 4 Filled 30% June 1, 1888 rights on South Fork.
" 14 Filled 20% June 1, 1888 rights on South Fork.
" 19 Filled 125 sec. ft. June 21, 1888 rights on Henrys Fork.
" 22 Cut off June 1, 1888 rights on South Fork.
" 23 Filled 150 second-feet June 21, 1888 rights on Henrys Fork.

Aug. 27 Filled 80% Jan. 18, 1888 rights on South Fork.
" 28 Filled 70% Jan. 18, 1888 rights on South Fork.
" 31 Filled Jan. 18, 1888 rights on South Fork.

Sept. 2 Filled 125 sec. ft. June 21, 1888 on Henrys Fork.
" 3 Filled 70% Jan. 18, 1888 rights on South Fork.
" 9 Filled 150 sec. ft. June 21, 1888 right on Henrys Fork.

After July 16 the natural flow available on the South Fork was insufficient to fill rights to as late a priority as could be filled on Henrys Fork and on the river below the junction of Henrys Fork and South Fork.

With no natural flow passing Lorenzo from the South Fork, that stream gradually receded until only 70% of the Jan. 18, 1888 rights could be filled, while at the same time the supply from Henrys Fork was sufficient to fill a portion of the June 21, 1888 rights on that stream and on the river below the junction of Henrys and South Forks.

The schedule on Teton River, where the supply was extremely short, is shown separately in the chapter covering distribution on Henrys Fork.

Regulation in the upper valley was continued throughout October on a basis of furnishing stock water to all canals. Shortly after discontinuing regulation at the end of October the upstream canals took out all the water possible so that the river went practically dry in the vicinity of Firth. The City of Idaho Falls then agreed to pay for the cost of river riders for further regulation, in order to have sufficient water to run its power plants. Regulation

was thereupon resumed and continued until general snow storms late in November reduced the demand for water by upstream canals.

WATER SUPPLY

The 1934 run-off in relation to average varied considerably at different stations on the river.

Henrys Fork near Rexburg had an annual run-off during 1934 of 601,000 acre-feet, or 41% of the average for years of record (1909-34). During 1931, the lowest previous year, the run-off was 778,000 acre-feet.

Snake River near Moran, with a drainage area of 820 square miles, had a 1934 annual run-off of 628,000 acre-feet after correcting for holdover in Jackson Lake from the preceding year. This is 60% of the average for the years of record (1904-34) and this is the only station on the river where the 1934 record was not the lowest on record. At Moran the minimum year of record is 1931, when the run-off was 576,000 acre-feet.

Snake River near Heise, with a drainage area of 5,740 square miles, had an annual run-off during 1934 of 2,780,000 acre-feet, corrected for Jackson Lake holdover water. This is 54% of the average for the years of record (1904-34). The next lowest year at this station was 1931, when the run-off was 2,990,000 acre-feet.

Snake River at Cloughs ranch near Blackfoot, with a drainage area of 11,700 square miles, had an annual run-off during 1934 of 712,000 acre-feet, or 19% of the average for

the years of record (1911-34). During the next lowest year, 1931, the run-off at this point was 1,260,000 acre-feet.

Snake River at Neeley, with a drainage area of 14,000 square miles, had an annual run-off during 1934 of 2,568,000 acre-feet, corrected for American Falls reservoir holdover. This is 43% of the average for years of record (1896-1934). During the previous low year of 1931 the run-off at this station was 3,297,000 acre-feet.

Snake River at Milner, with a drainage area of 18,000 square miles, had a run-off during 1934 of 178,000 acre-feet, only 6% of the average for the years of record (1910-34) and far below anything previously recorded.

The annual records for past years at the Moran and Neeley stations are shown on Plates 4 and 5.

Except for the existence of the storage reservoirs and the holdover of 448,000 acre-feet of storage from the 1933 season, the year 1934 would indeed have been a sad affair on Snake River.

TRANSFERS & EXCHANGES

Several permanent transfers of small quantities of water were made during the year in accordance with provisions of the Idaho Statutes, as follows:

0.4 sec. ft. June 1, 1885 right from Snake River, by Oregon Mortgage Co. from Butler Island Canal to Harrison Canal.

4.4 sec. ft. June 1, 1879 right from Teton River, by Lenore Row from McCormick-Rowe Ditch to Stewart Ditch.

3.8 sec. ft. May 1, 1886 right from Fall Creek to Palisade Creek, by W. Olsen.

0.5 sec. ft. May 20, 1889 and 0.7 sec. ft. June 30, 1890 right from Palisade Creek, by H. J. Burton. Change in place of use only.

1.6 sec. ft. June 1, 1885 right from Snake River, by Geo. M. White from White Ditch to Sunnydell Ditch.

Owing to the extreme shortage of water, temporary transfers of natural flow rights were permitted after mid-summer, limited during the latter part of the season to amounts that canals releasing water had actually used during such periods in past years. Rentals of this kind above Blackfoot were on the basis of 25¢ per acre-foot, measured at the point of river diversion, this price being fixed by the watermaster as about equal to the 1934 cost of the American Falls lease water to upper valley canals, considering percentage of reservoir fill and transmission losses from Jackson Lake to upper valley canal headings. Transfers of this kind aggregated about 40,000 acre-feet during the season, and relieved the situation on certain canals at times when absolutely no other sources of water were available.

Upper valley canals availed themselves generally of the privilege of storing natural flow after rights were

cut to 1898 priority. 237,000 acre-feet of water was thus accumulated to the credit of individual canals off and on during the season. Of this quantity about 90,000 acre-feet was actually stored in Jackson Lake, the balance being exchanged as storage ordered by other canals instead of delivering same from the reservoir.

A considerable portion of the accumulated natural flow was due to the practice followed throughout the season by various canals after losing part of their rights, of going dry for a certain period and then diverting larger flows, rather than to run steadily at a low head.

The custom of exchanging natural flow for storage on Henrys Fork was continued as in past years. A drought relief project for draining some of the water out of Slide Lake on the Gros Ventre was set up for the benefit of Henrys Fork users and 3,760 acre-feet was made available from that source and delivered to Henrys canals through exchange for natural flow.

LITIGATION

Early in May, 1934 the String Canal Co. filed an action against the watermaster seeking to acquire a right to alleged saved water on Trail Creek but after some experience operating under the terms of a court order in the case and several hearings, the case was dismissed at the request of the plaintiff.

The case of the American Falls Reservoir District #2 vs. Secretary of the Interior, et al, proceeded to a point where testimony was taken during the fall of 1934 but no

decision has been announced at the time of writing this report.

The case of Busby vs. Crandall was filed early in the year but has not yet been tried. The plaintiff seeks to acquire a right of early priority from Fall River on the grounds that he was not a party to the Rexburg decree.

The Beneficial Life Insurance Co. was awarded 0.8 sec. ft. of Sept. 24, 1906 priority and 4.56 sec. ft. of March 3, 1911 priority for use under the Kennedy Ditch by decree in a summary action against the watermaster.

L. A. Hartert & Co. was awarded 3.5 sec. ft. of May 31, 1913 priority to be diverted through the Great Western Canal, by decree in a summary action against the watermaster. The decrees to the Beneficial Life Insurance Co. and L. A. Hartert & Co. represent rights previously held by State Engineer's license.

CANAL DELIVERIES

Diversions by the various canals between Heise and Blackfoot from April 9, when the river riders began work, until September 30 are shown on Plates 6 to 10, inclusive. No records are secured on upper valley canals outside of the irrigation season. Diversions by lower valley canals for the entire year are shown on Plates Nos. 32-41, inclusive. Upper valley canals continued to divert all the available flow until Nov. 28, 1934 and the river remained dry for several miles below the lowest canal heading near Blackfoot until that date.

The following tabulation shows the seasonal diversion, area under canal, and acreage irrigated in 1934 along the main Snake River from Heise to Milner. A similar tabulation for Henrys Fork canals will be found in the chapter on that section.

In addition to the irrigated areas shown in this table, there were about 10,000 acres irrigated during 1934 from tributaries to Snake River in Idaho above Heise and about 80,000 acres in Wyoming on various tributaries, principally Salt River and in Jacksons hole.

Acreage figures in the following tabulation are those reported by the officers of the several canal companies. In some cases they are based on crop reports, in others they represent only the best judgment of some officer of the company. The acreage irrigated is supposed to represent the gross area to which water was actually delivered in 1934. The net area upon which crops were actually grown would be somewhat less than the figures given, on account of areas occupied by roads, canals, building sites, small areas of fallow or waste land on individual farms, etc.

Table showing diversions and irrigated area during 1934 by Snake River Canals

Name of canal	Acre-feet	Area under canal (acres)	Acreage irrigated-1934	Diversions ac.ft.per acre irrig
Riley	2,580	873	835	3.1
Progress.Irr. Dist.	213,000(a)	35,000	31,514	6.8
Farmers Friend	89,500	10,500	10,300	8.7
Enterprise	16,400	7,000	5,500	3.0
Nelson	73	80	30	2.4
Mattson & Craig	2,300	650	400	5.7
Arnsberger	121	200	100	1.2
Ross & Rand	585	112	72	8.1
Butler Island	14,200	1,320	900	15.8
Steele	2,190	297	180	12.2
Harrison	76,000	16,000	15,000	5.1
Cheney	704	248	120	5.9
Idaho Irr. Dist.	173,000	35,544	35,544	4.9
Rudy	31,000	5,000	4,000	7.7
Kite & Nord	740	240	110	6.7
Burgess	131,000	21,000	20,000	6.5
Clark & Edwards	21,600	1,945	1,690	12.8
Lowder & Jennings	5,910	1,200	900	6.6
East LaBelle	28,700	2,500	2,300	12.5
Sunnydell	16,700	3,400	3,290	5.1
Lenroot	14,800	3,960	3,200	4.6
Reid	35,200	5,700	4,400	8.0
Texas Feeder	61,500	5,000	4,500	13.7
Nelson Corey	3,680	400	200	18.4
Hill-Pettinger	643	190	100	6.4
Rigby	35,900	3,750	3,400	10.5
Dilts & Island	33,000	4,180	3,570	9.2
West LaBelle et al	136,000	11,500	8,500	16.0
Parks & Lewisville	88,000	7,000	6,500	13.5
North Rigby	15,000	1,500	1,400	10.7
White	1,710	200	120	14.2
Ellis	754	120	100	7.5
Bramwell	1,900	250	180	10.5
Butte & Market Lake	43,700	19,000	18,000	2.4
Osgood	25,500	7,000	6,160	4.1
Bear Island & Smith	355	200	175	2.0
Kennedy	8,740	2,100	1,700	5.1
Gt.Western & Porter	116,000	26,000	25,000	4.6
Coy	111	30	30	3.7
Woodville	13,200	3,000	3,000	4.4

Name of canal	Acre-feet	Area under canal (acres)	Acreage irrigated-1934.	Diversions ac. ft. per acre irrig.
Snake R. Valley	84,400	25,000	21,000	4.0
Reservation	87,890(b)	60,000	30,000	2.9
Blackfoot	53,300	15,000	12,000	4.4
New Lava Side	24,300	7,000	5,200	4.7
Peoples	67,000	20,000	16,000	4.2
Aberdeen	149,000	62,298	40,000	3.7
Corbett	23,200	7,420	5,080	4.6
Nielsen Hansen	3,100	640	600	5.2
Riverside	31,700	5,000	4,000	7.9
Danskin	48,000	6,000	6,000	8.0
Trego	9,050	1,750	1,600	5.7
Wearyrick	14,500	1,540	1,540	9.4
Watson	26,800	4,000	3,200	8.4
Parsons	7,500	1,050	800	9.4
N. S. Minidoka	191,000	62,100	54,100	3.5
S. S. Minidoka	170,000	54,000	50,350	3.4
N. S. Milner	512,000	170,000	157,000	3.3
S. S. Milner	940,000	202,650	202,650	4.6-
Milner Low Lift	28,500	8,368	8,368	3.4
Gooding	311,000	77,744	45,160	6.9
Total main river, (exclusive of Henrys Fork)	4,244,236	1,035,749	887,668	4.8

(a) Used some additional water from Willow Creek.
(b) 50,500 from Snake River, balance from Blackfoot River.

Note.-- The period of record for diversions is April 9 to Sept. 30 for canals above American Falls, and April 1 to Sept. 30 for those below that point.

RIVER DATA

Segregation of river flow at the various stations between storage and normal, diversions, stored water losses, etc. are shown on Plates 11 to 13.

Stored water losses between Moran and Blackfoot were charged according to the schedule approved at the annual watermaster election, being the same as has been in effect for a number of years past. The general method of operation and segregation of flow in use during recent years was followed during 1934. Daily storage releases at Moran were determined from the 24-hour drop in Lake levels, averaged for several days to eliminate wind effect on the Lake readings, and the balance at the Moran station was called natural flow. This method assumes that during the course of the season the return flow from bank storage in Jackson Lake will offset evaporation losses on the flooded area surrounding the original Lake and is based on special investigations made on this subject during bygone years.

Starting with the determined amount of stored water at Moran each day the storage diversions and storage losses were subtracted daily in each river section giving the theoretical amount of storage available at each river station, as far downstream as Blackfoot. In the actual operation of the river from day to day there are, of course, times when stored water is diverted as natural flow and vice versa, but the quantities are balanced out as closely as possible by the end of the season. At times when sudden increases in storage release are made at Jackson Lake it is necessary to turn out as much as 25% or more in excess of amounts actually ordered for delivery in order that the amount temporarily absorbed as river bank storage on the rising stage does not

operate to cut off some natural flow right that would otherwise receive water. The extra amounts of storage used at such times are recovered for storage owners whenever a decrease in storage release drops the river and allows the bank storage to drain back into the stream.

After rights were cut below 1900 priority, when no natural flow passes Blackfoot, the segregation of flow at the Clough station was made on the basis of assuming a natural flow at that point that would exist if no water was discharged past the Parsons Ditch heading, the lowest upper valley canal. Any balance at the Clough station was classed as Jackson Lake storage for delivery to American Falls reservoir. During the greater part of the 1934 season the natural flow at Cloughs ranged between 124 and 140 second-feet, based on the observed flow at times when the river was dry below Blackfoot bridge.

After making the seasonal allotments and transfers between Jackson Lake and American Falls reservoirs, there was about 38,000 acre-feet of Jackson Lake storage (measured at Cloughs) belonging to lower valley canals, in excess of exchanges for upper valley rights and leases in American Falls. This amount was delivered past Cloughs during the season at irregular intervals by keeping a small flow of water discharging past Blackfoot most of the time.

The segregation of flow at Neeley, as during recent years, was on the basis of taking the normal flow there as normal at Clough plus calculated inflow Clough to Neeley, the balance at the Neeley station being called storage.

The daily inflow Clough to Neeley was computed by taking daily records of the Portneuf at Pocatello, daily inflow from springs based on interpolations between measurements once a month, and daily unmeasured inflow computed from Newell formula = 840 plus 1/3 measured inflow. The various items of the total inflow are shown on Plate 10a.

The natural flow so determined at Neeley was delivered without loss or gain to downstream canals according to their respective priorities, and any additional amounts diverted by them were classed as stored water.

There were a few days early in May when some water accumulated in Jackson Lake that belonged to lower valley canals as natural flow. The records as computed on Plates 11-13 show the available normal flow at the various river stations as if this water had been allowed to flow down the river and the deliveries during this period to lower valley canals was on the basis of such computed natural flow. Under the method of tabulation used, this retained natural flow appears in the record at Cloughs as a minus storage quantity, and is offset later on in the season by delivery of a similar amount of storage.

STORED WATER DELIVERIES

The storage allotments in Jackson Lake and American Falls reservoir for 1934 were made on the following basis:

1934
Jackson Lake Allotment

Lake contents April 13, 1934 (after which date all inflow to Lake required to fill natural flow rights)= 346,000 acre-feet.

American Falls water held over at Jackson Lake Sept. 30, 1933,	115,784	"
Jackson Lake water for 1934 allotment,	230,216	"

This is 52.58% of the 437,810 acre ft. bottom rights.

Company	Storage right	1934 storage yield
Aberdeen-Springfield Co.	42,685 ac.ft.	22,445 ac.ft
Burgess Canal Co.	5,120 "	2,692 "
Enterprise Canal Co.	6,100 "	3,208 "
Harrison Canal Co.	5,000 "	2,629 "
Lenroot Canal Co.	3,000 "	1,578 "
New Sweden Irrig. Dist.	5,000 "	2,629 "
Peoples Canal Co.	8,000 "	4,207 "
Poplar Irr. Dist.	1,200 "	631 "
Snake River Valley Irrig. Dist.	15,000 "	7,888 "
Minidoka Project	325,810 "	171,321 "
Bradbury & McMullen (Kennedy Ditch)	200 "	105 "
Herbert Austin (Kennedy Ditch)	155 "	82 "
Farmers Friend Canal	2,000 "	1,052 "
Lowder Slough Canal	1,040 "	547 "
Martin Canal Co.	1,500 "	789 "
Rudy Canal Co.	2,000 "	1,052 "
Sunnydell Irrig. Co.	4,000 "	2,103 "
North Side CanalCo.	10,000 "	5,258 "
Total,	437,810 "	230,216 "

1934
American Falls Reservoir Allotment

Maximum reservoir contents April 7, 1934 = 1,143,680 ac.ft.

American Falls water in Jackson Lake Sept. 30, 1933 = 115,784 acre-feet, loss 12.8% loss (5,571 acre-feet) Moran to Cloughs on 43,527 acre-feet not exchanged for upper valley rights in 1934 and which will be delivered to American Falls reservoir during 1934, 110,213 "

Total available for allotment, 1,253,893 "

Deductions:

Idaho Power Co., 45,000 ac. ft.
Allowable 1933 hold-overs, 356,067 " 401,067 "

Not available for general allotment, 852,826 "

This is 51.53% of 1,655,000 acre-feet reservoir rights (exclusive of Idaho Power Co.)

The allotment was made as follows:

1934
American Falls Reservoir Allotment
(acre-foot)

Name	Owned space	Leased space	Total space	1934 yield (51.53%)	Allowable 1933 holdover	Total 1934 right
Poplar Irr. Dist.	793	1,270	2,063	1,063	385	1,448
Progressive Dist.	14,609	6,822	21,431	11,043	3,412	14,455
Enterprise Canal	10,509	3,108	13,617	7,017	265	7,282
Harrison Canal	11,994	5,601	17,595	9,067	2,874	11,941
Idaho Irr. Dist.	26,986	12,602	39,588	20,400	6,316	26,716
Rudy Canal	2,000	1,834	3,834	1,976	0	1,976
Burgess Canal	7,496	3,501	10,997	5,667	0	5,667
Lenroot Canal	4,504	2,103	6,607	3,405	0	3,405
Reid Canal	3,002	0	3,002	1,547	0	1,547
Dilts Canal	1,034	483	1,517	782	141	923
Enterprise Irr.Dist.	12,000	5,604	17,604	9,071	0	9,071
Butte & Market Lake	3,002	1,402	4,404	2,269	0	2,269
Osgood Canal	15,852	7,403	23,255	11,983	7,690	19,673
New Sweden Dist.	28,528	13,322	41,850	21,565	0	21,565
Martin Canal	2,250	1,050	3,300	1,700	365	2,065
Bear Island	225	105	330	170	0	170
C. D. Smith	79	0	79	41	23	64
Woodville Canal	9,000	4,200	13,200	6,802	1,810	8,612
Snake R.Irr. Dist.	27,643	12,909	40,552	20,896	0	20,896
Blackfoot Canal	15,033	5,000	20,033	10,323	2,533	12,856
New Lava Side Canal	0	1,439	1,439	742	0	742
Peoples Canal	22,519	10,516	33,035	17,023	0	17,023
Aberdeen Canal	41,333	51,326	92,659	47,747	4,780	52,527
Corbett Canal	4,000	1,868	5,868	3,024	1,940	4,964
Trego Canal	1,462	683	2,145	1,115	0	1,115
Minidoka Dist.	50,000	23,350	73,350	37,797	0	37,797
Burley Dist.	0	50,000	50,000	25,765	0	25,765
Milner Low Lift	34,113	6,000	40,113	20,670	1,185	21,855
Twin F. Canal	151,185	40,603	191,788	98,827	57,926	156,753
Hillsdale Dist.	41,146	19,215	60,361	31,104	13,782	44,886
N. S. Canal Co.	279,110	140,274	419,384	216,107	127,963	344,070
Gooding	400,000	0	400,000	206,118	122,677	328,795
Idaho Power	45,000	0	45,000	45,000	0	45,000
TOTAL	1,266,407	433,593	1,700,000	897,826	356,067	1,253,893

Daily storage diversions are shown on Plate 14 for the various canals using storage on the main river. Henrys Fork canals are grouped together on this tabulation but are shown separately on Plate 22.

There were many exchanges and rentals of storage, which are shown in detail on Plate 14. The water made available by the 10% penalty charge on stored normal flow was disposed of by a pooling committee appointed by John W. Hart, Chairman of the Committee of Nine. The pooling committee consisted of W. O. Cotton, John Kelley, John Lee, Jack Fischer, and Lynn Crandall.

The pool committee rented 18,762 acre-feet of storage, measured at Jackson Lake, to canals that were suffering the greatest shortages, and they also absorbed some of the holdover in Jackson Lake on September 30 on account of inability to withdraw all the storage from the Lake. Funds from rentals by the pool committee were credited to a storage sales account and used to pay miscellaneous general expenses of the district.

The gates at Jackson Lake were all opened on September 11, 1934 and yet the lake still held 5,500 acre-feet on September 30 that could not be withdrawn. In 1931 there were 4,990 acre-feet that could not be withdrawn from the lake, although the gates had been open for three weeks. It would appear that from a practical operating standpoint the point of 0 storage on the Jackson Lake capacity table now in use ought to be raised about 0.3 ft. (5,000 acre-feet)

or else in years when it is known that the reservoir will be drained, this amount of about 5,000 acre-feet of practically dead storage should be distributed as a percentage charge against each owner's allotment in the reservoir.

The holdover in American Falls reservoir on Oct. 1, 1934, shown on Plate 14 for the Minidoka Project, was later used during October and November, 1934. There was no further use of storage by any other canals after Oct. 1, except a transfer from the Minidoka to the Gooding Project during November, 1934 to replace water borrowed during the irrigation season.

At the close of the 1934 season there were 2,464 acre-feet of American Falls water left in Jackson Lake to the credit of upper valley companies, but only because it was impossible to get it out of the lake in adequate volume and sufficient time to be of any use.

The dry season of 1934, with extremely limited use of water on the Minidoka Project, resulted in a net seasonal loss between Neeley and Milner. There are so many uncertain and disputed points involved in the distribution of water below American Falls reservoir both as regards the relative rights of the parties and the accuracy with which the water can actually be measured that in the interest of simplicity and fairness to all concerned it may be desirable to make some modifications in the present method of operation. Under the practice which has been followed in past years, the

Minidoka Project has absorbed all losses and taken all gains between Neeley and Milner, this having been the watermaster's interpretation of the Foster decree.

This method of operation has resulted in a small net seasonal gain to the Minidoka Project each year except 1934 when a seasonal loss of about 11,000 acre-feet occurred. The gain or loss, which is usually less than 1% of the Neeley discharge, is determined by subtracting river records and a small error in the river records might make a large error in the calculated loss. This always leads in dry years to more or less discussion about the possible accuracy of measurements at and below Neeley. This discussion was going on in full force during the dry summer of 1910 when the present watermaster first became familiar with Snake River. It has ever since been resumed with unabated vigor whenever water gets short. If any gains or losses that might appear as the result of discharge computations at and below Neeley could be spread proportionately among all the lower valley canals the net effect one way or the other on any individual canal would be slight and a more satisfactory and equitable result would be secured. Such a plan would not involve any modification of existing decrees; it would merely be an agreement among the interested users on a program best designed to make the present decrees effective, considering the accuracy with which it is possible to measure streamflows on Snake River between Neeley and Milner.

One possible plan would be to consider the total of the following items as available supply for lower valley canals after storage draft begins:

Discharge at Cloughs, inflow Clough to Neeley, storage in American Falls and storage in Lake Walcott, to be distributed in accordance with the respective rights of the various parties. Any loss or gain between the total of the foregoing items and the total canal deliveries below American Falls would be charged or credited either in proportion to diversions by the several canals or in proportion to storage ownership. Under such a plan of operation it would not even be necessary to secure any measurements at all at Neeley or Howells Ferry (Minidoka) stations except as a matter of general interest.

Due to a small seasonal gain in American Falls reservoir during 1934 it was possible to thereby absorb storage leakage at Milner dam without charging same to individual canals.

The indicated gain in American Falls reservoir during 1934 is in general agreement with records for recent years when little water has been carried past Cloughs. At times when the reservoir is falling and at low stages a gain is usually shown. On rising or high stationary stages a substantial loss occurs. While there are many difficulties inherent in the problem of equitable segregation of stored water and normal flow in this reservoir, it appears reasonably certain that the present or some similar method of determining normal flow by measurement at the old inflow stations

and computing the unmeasured inflow according to the relation that existed between measured and unmeasured inflow prior to the reservoir construction will most nearly approximate the natural flow that would be available if the reservoir had not been built.

This method throws into storage deliveries all fluctuations and uncertainties due to such items as possible inaccuracies in reservoir contour surveys, reservoir bank storage, evaporation losses, savings from elimination of water formerly consumed by vegetation in the reservoir basin, possible errors at the Neeley measuring station, etc.

The Twin Falls Canal Co. re-established the old station on Snake River at Thompsons ranch near Pingree in the spring of 1934 and the following mean monthly discharges at that point are reported by Mr. W. G. Sloan, Engineer for the above company.

May 948 sec. ft., June 1,170 sec. ft., July 813 sec. ft., Aug. 738 sec. ft., Sept. 671 sec. ft.

Following are records of mean monthly gains in second-feet from Cloughs to Thompsons during periods of available records:

	Year				
Month	1925	1926	1927	1928	1934
May	622	497	-	-	553
June	727	502	-	-	567
July	722	567	-	710	552
Aug.	590	578	810	681	516
Sept.	-	525	780	680	524

RIVER LOSSES AND GAINS

Losses and gains between river stations are shown by monthly averages, using the time intervals shown on Plate 15.

Gain in Snake River, Moran to Heise stations

1934

(Heise dates and 24-hr. sec. ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Moran	69,040	65,489	133,820	70,948	27,783	367,080
Heise	282,470	192,490	212,340	133,660	83,730	904,690
Riley ditch	401	193	403	148	32	1,177
Heise & Riley	282,871	192,683	212,743	133,808	83,762	905,867
Total gain, s.f.	213,831	127,194	78,923	62,860	55,979	538,787
Mean gain, s.f.	6,900	4,240	2,550	2,030	1,870	3,520
Total gain, a.f.	424,000	252,000	157,000	125,000	111,000	1,069,000

The great decrease in the run-off of Snake River during recent years is well illustrated by the fact that in this, ordinarily the most productive section of stream flow, the 1934 inflow was only 50% of what it was in 1933, which in turn was 21% below the 1932 inflow, which itself was below normal.

Gain in Snake River, Heise to Shelley stations

1934

(Heise dates and 24-hr. sec. ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	282,871	192,683	212,743	133,808	83,762	905,867
Rexburg	12,083	13,894	17,244	25,623	25,565	94,409
Total supply	294,954	206,577	229,987	159,431	109,327	1,000,276
Diversions	192,199	137,724	154,136	106,535	83,154	673,748
Net supply	102,755	68,853	75,851	52,896	26,173	326,528
Shelley	104,920	72,940	68,360	47,660	33,914	327,794
Tot. gain s.f.	2,165	4,087	- 7,491	- 5,236	7,741	1,266
Mean gain s.f.	70	136	- 242	- 169	258	8
Tot. gain a.f.	4,300	8,090	-14,900	-10,400	15,400	2,490

The average gain in this section during 1934 was only 8 second-feet, the lowest ever recorded. In 1933 the gain was 219 second-feet and in former years of good run-off it amounted to 1,000 second-feet. It is known from the ground-water contours that there is a heavy ground-water movement

in this section from the river westward under the desert and it is apparent that during 1934 the contributions to the river from waste and return flow were so low that they barely sufficed to overcome the ground-water losses from the river channel during the season.

The lack of return flow in this section during 1934 led to further study during the latter part of the season to determine what losses occurred in the section of the river between Roberts and Shelley, this being the lower half of the Heise to Shelley section. This is a section where the river is mainly a succession of ponds caused by diversion dams for canals and power plant dams of the City of Idaho Falls and Utah Power & Light Co. Daily records of the river flow at the Roberts bridge and of the Great Feeder discharge into the river just below that point were secured beginning July 16 and the following table shows losses after that date, using 12-hr. time interval between stations.

Loss in Snake River, Roberts bridge to Shelley
1934

Station	July 16-31	Aug.	Sept.	Period
Roberts & Great Feeder	58,200	82,722	47,889	188,811
Diversions	19,651	32,106	19,034	70,791
Net supply	38,549	50,616	28,855	118,020
Shelley	35,200	47,940	33,754	116,894
Total loss s.f.	3,349	2,676	- 4,899	1,126
Mean loss s. f.	209	86	- 163	15
Total loss a. f.	6,640	5,290	- 9,700	2,230

The indicated gain during September may be due to water released by lowering the level in some of the ponds that occupy this section of the stream, although some waste from several canal systems was discharged into this

section of the river during September.

Loss in Snake River, Shelley to Cloughs ranch stations.
1934
(Shelley dates and 24-hr. sec. ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Shelley	104,820	73,950	68,610	48,320	33,574	329,274
Blackfoot River	24	0	0	0	0	24
Total supply	104,844	73,950	68,610	48,320	33,574	329,298
Diversions	83,887	43,229	46,669	31,671	23,147	228,603
Net supply	20,957	30,721	21,941	16,649	10,427	100,695
Cloughs	12,265	18,122	8,078	6,886	4,409	49,760
Total loss s.f.	8,692	12,599	13,863	9,763	6,018	50,935
Mean loss s. f.	280	420	447	315	201	333
Total loss a. f.	17,200	25,000	27,500	19,400	12,000	101,100

The losses in this section during 1934 were the greatest on record. It appears probable that the recent successive years of light run-off and no flood water have not furnished enough silt to keep this section of porous gravel river bed silted up. As a result, over 15% of the water passing the Shelley station during the 1934 season was lost before reaching Cloughs, over and above about 125 second-feet of spring water that rises in the river channel just above the Clough station. If this condition continues in future years of shortage some steps should be taken to improve the existing river channel in this section.

Loss in Snake River, Clough to Neeley stations.
1934
(Neeley dates and 24-hr. sec. ft., except as noted)

Station	April	May	June	July	Aug.	Sept.	Season
Clough	10,414	12,247	18,061	8,078	6,928	4,412	60,140
Inflow	74,649	73,580	70,460	71,946	71,823	70,094	432,552
Reservoir release	56,025	145,498	91,323	153,136	93,607	17,033	556,622
Total supply	141,088	231,325	179,844	233,160	172,358	91,539	1,049,314
Neeley	137,510	233,850	181,850	234,380	175,570	94,210	1,057,370
Loss, s.f.	3,578	- 2,525	- 2,006	- 1,220	- 3,212	- 2,671	- 8,056
Mean s. f.	119	- 81.4	- 66.9	- 39.4	- 104	- 89	- 44
Loss a. f.	7,080	- 5,010	- 3,980	- 2,420	- 6,400	- 5,300	-16,030

Owing to the low reservoir stage this section showed a gain after April amounting to 16,030 acre-feet for the season, presumably due to bank storage return and elimination of transpiration losses by vegetation that formerly grew on the reservoir floor.

It may be noted in passing, however, that the apparent seasonal gain only amounted to 0.8% of the seasonal discharge past Neeley and the measuring conditions at the Neeley station are such that the discharge can not be determined with confidence to that degree of accuracy.

Seven sets of inflow measurements were made during the season on the following dates: April 4-5, April 30-May 1, May 21-22, June 25-26, July 18-19, Aug. 13-14, Sept. 17-18.

Discharges of the various tributary streams were interpolated between measurements, except on the Portneuf River at Pocatello where the actual daily discharges were used. The results so computed are shown on Plate 10-A. The unmeasured inflow was computed by the Newell formula as 840 second-feet plus 1/3 measured inflow, disregarding certain fluctuations in the flow of the Portneuf River at Pocatello and of the several wastes from the Aberdeen project.

Loss in Snake River, Neeley to Minidoka stations,
1934

(Minidoka dates and 24-hr. sec. ft., except as noted)

Station	April	May	June	July	Aug.	Sept.	Season
Neeley	136,370	233,950	182,140	234,070	176,760	94,620	1,057,910
Walcott relense	- 4,260	971	26,400	4,134	1,795	8,901	37,941
Total	132,110	234,921	208,540	238,204	178,555	103,521	1,095,851
N.Minidoka	16,361	27,809	21,525	30,488	0	0	96,183
S. Minidoka	5,325	21,236	14,353	20,300	18,428	6,270	85,912
Minidoka	103,760	176,500	178,760	185,440	160,940	98,400	903,800
Total use	125,446	225,545	214,638	236,228	179,368	104,670	1,085,895
Loss s.f.	6,664	9,376	- 6,098	1,976	- 813	- 1,149	9,956
Mean s.f.	222	302	- 203	63.7	- 26.2	- 38.3	54.4
Loss a. f.	13,200	18,600	-12,100	3,920	- 1,610	- 2,280	19,730

Due to heavy losses during April and May this section showed a net loss for the season of 19,730 acre-feet, although a gain was shown during June, August and September when Lake Walcott was being lowered.

Gain in Snake River, Minidoka to Milner stations.
1934

(Milner dates and 24-hr. sec. ft., except as noted)

Station	April	May	June	July	Aug.	Sept.	Season
Minidoka	102,340	176,900	178,860	184,940	161,900	99,180	904,120
P. A.	394	1,672	1,548	1,910	1,922	1,082	8,528
Gooding	15,677	31,427	33,558	40,070	33,536	22,181	176,449
Mil.Low Lift	520	3,920	2,375	3,798	2,924	842	14,379
N. Milner	25,845	56,265	57,871	51,123	25,625	13,220	229,949
S. Milner	64,800	84,290	77,610	88,470	96,420	62,720	474,310
Milner	261	339	226	243	219	3,295	4,583
Total use	107,497	177,913	173,188	185,614	160,646	1o3,340	908,198
Gain s.f.	5,157	1,013	- 5,672	674	- 1,254	4,160	4,078
Mean s. f.	172	32.7	- 189	21.7	- 40.5	139	22
Gain a. f.	10,200	2,010	-11,200	1,330	- 2,490	8,270	8,120

Due to shortage of water in the Minidoka Project the gain in this section was far below the usual amount, and during several months actual losses occurred. Taking the 6-months period as a whole, however, there was a gain of 8,120 acre-feet.

DISTRIBUTION ON HENRYS FORK

Melvin Luke was again in charge of distribution on Henrys Fork and tributaries.

The effect of the 1934 water shortage was more pronounced among canals in this section than elsewhere on the river, due to lack of storage supplies. Henrys Lake only yielded 18,502 acre-feet of its 80,000 acre-foot storage capacity even after dredging operations in the outlet channel had made available 4,000 acre-feet of dead storage that could not be drawn in prior years. A total of 36,302 acre-feet of storage, measured at Jackson Lake, was exchanged for natural flow and delivered (less 7.26% loss) to Henrys Lake canals. Of this, 9,071 acre-feet was the American Falls right of the Enterprise Irrigation District; 8,787 acre-feet was stored normal flow rented by Snake River canals to canals on Henrys Fork and tributaries; 14,684 acre-feet was rented from the pool committee and derived from the 10% penalty charge on stored normal flow, and 3,760 acre-feet was storage from Slide Lake, on the Gros Ventre. During the months of June, July and August about 68,000 acre-feet of natural flow was carried down Henrys Fork past the lowest canal heading on that stream for delivery to prior rights on the main river. This additional amount of water could have been retained by Henrys Fork canals if it had been possible for them to have acquired that much additional storage on the main river for exchange.

This was impossible during 1934 but if future developments on the main river ever result in an increased supply in which the Henrys Fork canals can participate, a substantial portion of their present storage needs could be taken care of through exchange of storage on the main river for natural flow that, under existing rights, has to be carried down Henrys Fork for delivery to canals holding earlier priorities between Roberts and Blackfoot.

Several drought relief projects were undertaken by the Government during the season for the benefit of canals diverting from Henrys Fork and tributaries and the water so secured was distributed among the various canals that were without other supplies.

Estimates of the approximate amounts so secured during the season are as follows:

Henrys Lake dredging,	4,000	acre-feet
Draining and pumping from Fall River Lakes,	4,500	"
Slide Lake drainage on Gros Ventre,	3,760	"
Pump into Rexburg Irr. Canal,	1,780	"
Channel improvements on Teton River,	2,500	"
City of Rexburg pump,	400	"
Total,	16,940	"

The Utah Power & Light Co. loaned about 1,000 acre-feet from its Ashton power plant pondage to Egin bench canals during the latter part of the summer, same being replaced early in October from the early natural flow right of the Egin Canal.

Rights on Henrys Fork and Fall River were regulated according to the same schedule used on Snake River, allowing for a days delay at times in the orders reaching St. Anthony.

The supply on Teton River was very low and never was sufficient to fill anything later than some of the 1889 rights.

The following regulation schedule was in effect on that stream: ← Teton River Regul-

April 15 Filled 50% June 1, 1884 rights.
" 17 Filled 30% June 1, 1884 rights.
" 19 Filled 25% June 1, 1884 rights.
" 21 Filled all June 1, 1884 rights.
" 25 Filled 50% June 1, 1885 rights.
" 27 Filled all June 1, 1885 rights.

May 7 Filled June 1, 1889 rights.
" 11 Filled June 1, 1885 rights.
" 13 Filled June 1, 1884 rights.
" 17 Filled June 1, 1885 rights.
" 21 Filled 50% June 1, 1885 rights.
" 23 Filled all June 1, 1885 rights.
" 27 Filled June 1, 1884 rights.
" 29 Filled 50% June 1, 1884 rights.
" 31 Filled all June 1, 1884 rights.

June 1 Filled 90% of June 1, 1884 rights.
" 8 Filled all June 1, 1884 rights.
" 12 Filled May, 1885 rights.
" 14 Filled 90% June 1, 1884 rights.
" 22 Filled 50% June 1, 1884 rights.
" 30 Filled 40% June 1, 1884 rights.

July 2 Filled 10% June 1, 1884 rights.
" 18 Filled May, 1884 rights.
" 20 Filled June 10, 1883 rights.
" 26 Filled 90% June 10, 1883 rights.

Aug. 21 Filled 85% June 10, 1883 rights.

Daily diversions by Henrys Fork canals are shown on Plates 18 to 20. Due to fear of water shortage the Egin bench canals started to divert heavily about the middle of February for the purpose of raising the water table. By March 1 the various canals diverting from Henrys Fork and Fall River in the "sub" areas were diverting an aggregate flow in excess of 1,000 second-feet. Shortly thereafter Henrys Fork was practically dry above the head of the Consolidated Farmers Canal below St. Anthony, and on March 13 it became necessary to employ a river rider to regulate the water in that section. The available supply was then divided between the various canals on Henrys Fork until general regulation on the river began on April 9. Plates 21 and 22 show segregation of flow at the various river stations and storage diversions and allotments. Percentage ownership of rights in Henrys Lake remained the same as during 1933, viz: Last Chance, 15.3%; St. Anthony Union, 6.8%; Egin, 6.8%; Salem Union, 24.2%; Independent,26.8%; Consolidated Farmers, 20.1%.

The arbitrary losses of 1.5% from Lake to Warm River, and 0.5% from Warm River to Ashton, were charged to Henrys Lake stored water, as in past years. These charges were suggested by Mr. Meeker some years ago and have been applied ever since without any special study being made to justify their use. A casual inspection of the records indicates that the loss from Lake to Warm River may be somewhat more than

1.5%, at least during periods when the river discharge is suddenly increased by substantial storage releases. It is not unlikely, however, that losses occuring at such times may return later when storage deliveries are reduced or cease altogether.

The following tabulation of irrigated areas and diversions on Henrys Fork is similar to that previously given for the main Snake River. Areas are those reported by the officers of the various canal companies. In most cases water shortages were sustained much greater than indicated by the seasonal diversions in acre-feet per acre. This is due to the fact that heavy diversions of their full decrees were made by nearly all canals very early in the season but after July 1 most of the canals were either practically dry or had inadequate supplies and were unable to satisfactorily mature the late crops.

Table showing diversions and irrigated areas - Henrys Fork Canals - 1934

Canal	Acre-feet	Acreage under canal	Acreage irrig. 1934	Diversions ac. ft.per acre irrig.
FALL RIVER CANALS				
Yellowstone	0	5,000	0	0
Harrigfeld	0	3,500	0	0
Marysville	9,060	15,000	8,000	1.1
Farmers Own	3,620	12,000	4,000	0.9
Almy	26	60	30	0.9
Enterprise	17,900(a)	7,010	6,000	3.0
Bell	900	120	120	7.5
Fall River	62,500	8,000	8,000	7.8
McBee	638	160	160	4.0
Chester	1,010	2,000	1,000	1.0

Canal	Acre-feet	Acreage under canal	Acreage irrig. 1934	Diversions ac.ft. per acre irrig.
FALL RIVER CANALS (Cont'd)				
Silkey	2,770	618	450	6.2
Curr	10,500	1,570	1,570	6.7
TOTAL Fall River	108,924	55,038	29,330	3.7
HENRYS FORK CANALS				
Dewey	1,680	1,480	1,000	1.7
Last Chance	6,040	2,230	1,600	3.8
St. Anthony Union	101,600	10,000	10,000	10.2
Farmers Friend	5,690	2,900	2,900	2.0
Twin Groves	12,100	2,500	2,500	4.8
Salem Union	26,900	5,200	4,000	6.7
Egin	82,000	8,190	8,000	10.2
St. Anth. Union Feeder	19,100	2,500	2,500	7.6
Independent	23,200	7,000	7,000	3.3
Consol. Farmers	29,600	8,000	6,000	4.9
TOTAL Henrys Fork	307,910	50,000	45,500	6.8
TETON RIVER CANALS				
Siddoway	1,980	600	600	3.3
Wilford	11,800	2,000	1,600	7.4
Teton Irrigation	10,800	3,000	2,700	4.0
Good Luck	1,790	330	225	8.0
Pioneer	3,220	400	400	8.0
Stewart	3,270	366	366	8.9
Pincock Byington	1,630	320	280	5.8
Pincock Garner	2,120	580	400	5.3
Teton Island Feed.	35,000	10,720	9,000	3.9
NorthSalem	93	400	0	0
Roxana	1,010	1,000	1,000	1.0
Island Ward	0	3,300	0	0
Woodmansee Johnson	665	1,310	600	1.1
City of Rexburg	7,350	1,295	1,000	7.4
Rexburg Irrig.	38,600(b)	7,000	5,280	7.3
TOTAL Teton River	119,328	32,621	23,451	5.1
TOTAL Fall River, Henrys Fork & Teton River,	536,162	137,659	98,281	5.5

(a) Excludes 5,300 acre-feet carried for Teton River canals.
(b) Includes 1,780 acre-feet pumped into canal west of Rexburg.
The period of record on Henrys Fork and tributaries during 1934 was Apr. 15 - Sept. 30.

The total delivery to these canals in the Henrys Fork area during the season of 1934 was 300,000 acre-feet less than during 1933.

RIVER LOSSES AND GAINS IN HENRYS FORK BASIN

The following tabulation shows losses and gains by months in various river sections on Henrys Fork, Fall and Teton Rivers. The following time intervals have been used in preparing the tabulation:

Lake to Island Park, 1 day.
Island Park to Warm River, 1 day.
Warm River to Ashton, ½ day.
Ashton to St. Anthony, ½ day.
St. Anthony to Rexburg, ½ day.
Squirrel to Chester, ½ day.

Gain in Henrys Fork, Lake to Island Park stations - 1934.
(Island Park dates and 24-hr. sec.ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Lake	509	2,792	5,494	845	484	10,124
Island Park	11,783	13,155	15,033	10,829	9,858	60,658
Total gain, s.f.	11,274	10,363	9,539	9,984	9,374	50,534
Mean gain, s.f.	364	345	308	322	312	330
Tot.gain a.f.	22,400	20,500	18,900	19,800	18,600	100,200

The deficient run-off during 1934 on the upper Henrys Fork is indicated by the fact that the gain in this section during the 1934 season was only 60% of what it was during the preceding year.

Gain in Henrys Fork, Island Park to Warm River stations, 1934
(Warm River dates and 24-hr. sec.ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Island Park	11,812	13,080	15,101	10,875	9,858	60,726
Warm River	21,378	23,449	24,317	20,530	19,642	109,316
Tot.gain s.f.	9,566	10,369	9,216	9,655	9,784	48,590
Mean " s.f.	309	346	297	311	326	318
Total " a.f.	19,000	20,600	18,300	19,100	19,400	96,400

The inflow in this section is mostly from ground water and during 1934 was 83% of the inflow during 1933, thus being one of the areas of best sustained water supply on the watershed during 1934.

Gain in Henrys Fork, Warm River to Ashton stations - 1934.
(Ashton dates and 24-hr. sec. ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Warm River	21,384	23,411	24,349	20,561	19,631	109,336
Ashton	29,961	30,957	31,589	27,827	25,273	145,607
Tot.gain s.f.	8,577	7,546	7,240	7,266	5,642	36,271
Mean " s.f.	277	252	234	234	188	237
Tot. " a.f.	17,000	15,000	14,400	14,400	11,200	72,000

About 1,000 acre-feet of the gain during August represents water released from the Ashton reservoir of the Utah Power & Light Co. The seasonal gain in this section was only 53% of that of the preceding year.

Gain in Fall River, Squirrel to Chester stations - 1934.
(Squirrel dates and 24-hr. sec. ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
Squirrel	33,668	17,663	13,169	11,688	11,004	87,192
Diversions	16,903	11,161	8,736	3,671	4,276	44,747
Chester	18,212	7,737	5,227	8,032	7,204	46,412
Tot.acct.for	35,115	18,898	13,963	11,703	11,480	91,159
Tot.gain s.f.	1,447	1,235	794	15	476	3,967
Mean " s.f.	46.7	41.2	25.6	0.5	15.9	25.9
Tot. " a.f.	2,870	2,450	1,570	30	946	7,866

Most of the gain in this section is due to inflow from Squirrel and Conant Creeks which producedvery little run-off during 1934 so that the 1934 seasonal gain was only 18% of that occurring during the preceding year.

Loss in Henrys Fork, Ashton to St. Anthony stations - 1934.
(St. Anthony dates and 24-hr. sec.ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
H.F.Ashton	30,006	30,931	31,628	27,833	25,339	145,739
F.R.Chester	18,789	7,523	5,352	8,072	7,194	46,930
Total Supply	48,797	38,454	36,980	35,905	32,533	192,669
Diversions	25,868	17,648	12,192	5,027	5,054	65,789
St. Anthony	22,914	19,527	24,346	29,914	28,714	125,415
Tot.acct.for	48,782	37,175	36,538	34,941	33,768	191,204
Tot.loss s.f.	15	1,279	442	964	- 1,235	1,465
Mean " s.f.	0.5	42.6	14.3	31.1	- 41.2	9.5
Tot. " a.f.	30	2,530	879	1,910	- 2,450	2,899

Due to low ground-water levels in the Chester area there was a small net loss in this section during 1934 compared to a seasonal gain of 21,000 acre-feet during the preceding year.

Loss in Teton River, St. Anthony station to lowest diversion, 1934

(Teton dates and 24-hr. sec.ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
St. Anthony	19,516	14,631	11,122	9,075	8,532	62,876
Diversions	17,502	12,896	8,085	6,229	6,511	51,223
Tot.loss s.f.	2,014	1,735	3,037	2,846	2,021	11,653
Mean " s.f.	65.0	57.8	98.0	91.8	67.4	76.2
Tot. " ac.ft.	4,000	3,440	6,030	5,640	4,010	23,120

There was no water discharged past the lowest diversion on Teton River during 1934, although some rising water entered the river between that point and its mouth. The loss in this section during 1934 amounted to 18.5% of the supply passing the St. Anthony station. This section ought to be a profitable site for channel improvements designed to reduce existing losses in dry years.

Gain in Henrys Fork, St. Anthony to Rexburg stations - 1934

(St. Anthony dates and 24-hr. sec.ft., except as noted)

Station	May	June	July	Aug.	Sept.	Season
St. Anthony	22,914	19,527	24,346	29,914	28,714	125,415
Diversions	22,322	16,187	13,867	8,546	5,111	66,033
Rexburg	12,073	13,978	17,298	25,764	25,457	94,570
Tot.acct.for	34,395	30,165	31,165	34,310	30,568	160,603
Tot.gain s.f.	11,481	10,638	6,819	4,396	1,854	35,188
Mean gain s.f.	370	355	220	142	61.8	230
Tot.gain a.f.	22,800	21,100	13,500	8,730	3,680	69,810

The gain in this section is supplied by return flow from upstream irrigation. The gain for the 5-months period, of 69,810 acre-feet, is, however, only 15% of 458,000 acre-feet diverted by canals from Henrys Fork, Fall River, and lower Teton River during the same period. The balance of the water diverted, less that consumed by the crops, escaped westward under the desert according to ground-water maps of the area.

REGULATION IN TETON BASIN

The extreme shortage of water during 1934 on Teton River resulted in a request by users in the vicinity of Rexburg during the latter part of April for regulation in Teton basin.

Rights in Teton basin were cut on April 26 to the same priorities in force on the lower river. A number of water-users, however, refused to abide by the watermaster's regulation and the headgates on many of the canals were opened or torn out as soon as the deputy watermaster left the vicinity. On Fox Creek the deputy watermaster was ordered off the stream by a number of masked men. Meanwhile the String Canal Co. secured a court order authorizing it to carry the waters of Trail Creek through the String Canal, but after a brief experience abandoned the procedure as the flow of the stream at that time was too great for the canal capacity and the order was vacated.

After a month of turmoil, strife and confusion, an agreement for the 1934 season between upper and lower users on Teton River was reached during the latter part of May, principally as the result of various conferences held with waterusers by Mr. Leo Bresnahan, assistant attorney general of the State. Under the terms of this agreement a number of sloughs were to be dammed off on lower Fox Creek where the backwater from moss causes the stream to overflow into a large swamp and on account of water so saved the users on

upper Fox Creek were to divert and use the flow of that stream above the point of rising water. The bed of Trail Creek was to be cleaned and the waters confined to one channel and because of the water thereby saved the users on that stream were to be permitted to divert the water for 4 days, then turn same down the Creek for the same period for users on lower Teton River, thus alternating for the rest of the season.

Drought relief funds to do this channel work were immediately made available by Governor Ross and no further trouble was experienced.

By the middle of July the flow of Trail Creek had dropped so low that it only produced a raise of 10 second-feet at the Tetonia station when turned down to the lower users and the watermaster then negotiated an agreement between the parties whereby the upper users on Trail Creek purchased 1,000 acre-feet of storage from the pool committee and delivered same to the lower users on demand in exchange for the right to use all of Trail Creek water for the balance of the season. Additional drought relief funds were made available during midsummer for cleaning moss from the main channel of Teton River to prevent overflow through the so-called swamp area in Teton Basin, thus effecting some additional savings.

The difficulties in that section made it necessary to employ a disinterested man as deputy, and Mr. R. L. Sutcliffe

was appointed early in May and served until Aug. 15, after which date the local users handled the distribution among themselves.

The following measurements were made during the season:

Inflow-outflow from Teton Basin
(in second-feet)

	June 17, 1934	July 22, 1934	Aug. 11, 1934
North Leigh Creek	29.4	5.7	3.6
South Leigh Creek	39.9	6.8	6.0
Teton Creek	81.7	13.8	15.3
Spring Creek	2.0	1.0	1.0
Darbey Creek	36.5	14.2	10.1
Fox Creek	25.4	7.2	6.8
Game Creek	23.5	9.0	7.2
Trail Creek	57.8	36.0	34.3
Total inflow,	296.2	93.7	84.3
Flow at Tetonia	217.	139.	125.
Gain	-	45.3	40.7
Loss	79.2	-	-

Trail Creek Measurements - 1934

(At times when water was going down creek to lower users)

May 2	Trail Creek above String Canal	65.3	second-feet
	Game Creek	29.1	"
	Total supply	94.4	"
	Diverted (estimated)	6.0	"
	Net supply	88.4	"
	Trail Creek 1 mi. SW of Victor	71.8	"
	Loss to 1 mi. SW of Victor	16.6	"
	Trail Creek at live water	43.3	"
	Loss from String Canal to live water	45.1 sec. ft.= 51% of net supply.	

Trail Creek Measurements - 1934 (Cont'd.)

May 18	Trail Creek above String Canal	99.2	second-feet
	Game Creek	77.7	"
	Total Supply	176.9	"
	Diverted	14.2	"
	Net supply	162.7	"
	Trail Creek below Tonks Canal	147.	"
	Loss to Tonks Canal	15.7	"
	Diverted between Tonks Canal and live water	6.2	"
	Net supply	156.5	"
	Trail Creek 1/8 mi. above live water	105.	"
	Loss from String Canal to live water	51.5 sec.ft.=	
		33% of net supply.	
May 31	Trail Creek above String Canal	70.0	second-feet
	Game Creek	37.9	"
	Total supply	107.9	"
	Diverted (estimated)	6.0	"
	Net supply	101.9	"
	Trail Creek at stockyards	89.1	"
	Loss to stockyards	12.8	"
	Trail Creek at live water	67.6	"
	Loss from String Canal to live water	34.3 sec.ft.=	
		34% of net supply.	
June 9	Trail Creek above String Canal	60.2	second-feet
	Game Creek	20.6	"
	Total supply	80.8	"
	Diverted	5.7	"
	Net supply	75.1	"
	Trail Creek at live water	62.0	"
	Loss from StringCnnal to live water	13.1 sec.ft.=	
		17% of net supply.	

Trail Creek Measurements - 1934 (Cont'd.)

June 16	Trail Creek above String Canal	57.8	second-feet
	Game Creek	23.5	"
	Total supply	81.3	"
	Diverted	6.0	"
	Net supply	75.3	"
	Trail Creek at live water	55.0	"
	Loss from String Canal to live water	20.3 sec.-ft.= 27% of net supply.	
June 24	Trail Creek above String Canal	50.1	second-feet
	Game Creek	20.4	"
	Total supply	70.5	"
	Diversions	7.9	"
	Net supply	62.6	"
	Trail Creek at live water	41.2	"
	Loss from String Canal to live water	21.4 sec.ft.= 34% of net supply.	
July 2	Trail Creek above String Canal	45.2	second-feet
	Game Creek	15.5	"
	Total supply	60.7	"
	Diversions	7.8	"
	Net supply	52.9	"
	Trail Creek at live water	29.8	"
	Loss from String Canal to live water	23.1 sec.ft.= 44% of net supply.	
July 10	Trail Creek above String Canal	42.3	second-feet
	Game Creek	10.2	"
	Total supply	52.5	"
	Diversions	8.4	"
	Net supply	44.1	"
	Trail Creek at Tonks ditch	37.4	"
	Loss to Tonks ditch	6.7	"
	Trail Creek at live water	22.6	"
	Loss from String Canal to live water	21.5 sec.ft.= 49% of net supply.	

Loss between live water on Trail Creek and Tetonia station, on Tetonia River.
1934

May 18 Discharge of 105 second-feet at live water on Trail Creek resulted in raise of 74 second-feet at Tetonia (May 16-19) = loss of 30%, or 31 second-feet.

May 31 Discharge of 67.6 second-feet at live water on Trail Creek resulted in raise of 30 second-feet at Tetonia (May 31-June 2) = loss of 56% or 37.6 second-feet.

June 9 Discharge of 62 second-feet at live water on Trail Creek resulted in raise of 35 second-feet at Tetonia (June 8-9) = loss of 43% or 27 second-feet.

June 16 Discharge of 55 second-feet at live water on Trail Creek resulted in raise of 37 second-feet at Tetonia (June 15-17) = loss of 33% or 18 second-feet.

June 24 Discharge of 41.2 second-feet at live water on Trail Creek resulted in raise of 28 second-feet at Tetonia (June 24-26) = loss of 32% or 13.2 second-feet.

July 2 Discharge of 29.8 second-feet at live water on Trail Creek resulted in raise of 16 second-feet at Tetonia (July 2-3) = loss of 46% or 13.8 second-feet.

July 10 Discharge of 22.6 second-feet at live water on Trail Creek resulted in raise of 10 second-feet at Tetonia (July 9-11) = loss of 56% or 12.6 second-feet.

Following are various miscellaneous measurements on the Henrys Fork, Fall River, and Teton River watersheds, which are here tabulated as a matter of information:

Stream	Location	Date	Gage	Discharge (sec.ft.)
Trail Creek	Just above live water near Victor	May 2	-	43.3
	do.	" 18	-	105
	do.	" 22	-	32.6
	do.	" 23	-	Dry
	do.	" 24	-	Dry
	do.	" 31	-	67.6
	do.	June 9	-	62.0
	do	" 16	-	55.0
	do	" 24	-	41.2
	do	July 2	-	29.8
	do	" 10	-	22.6
do.	1 mi. west of Victor	May 2	-	71.8
	Just below head of Tonks Canal	" 18	-	147.
	At stock yards nr. Victor	" 31	-	89.1
	Just above head of Tonks Canal	July 10	-	37.4
do.	Just above String Canal heading & below Moose Cr. nr. Victor	May 2	.78	65.3
	do.	" 8	1.26	121.
	do.	" 18	1.22	99.2
	do.	" 21	1.17	98.2
	do.	" 23	1.07	98.2
	do.	" 24	1.04	83.0
	do.	" 31	.92	70.0
	do.	June 3	.82	64.7
	do.	" 9	.77	60.2
	do.	" 16	.69	57.8
	do.	" 24	.60	50.1
	do.	" 28	.58	41.0
	do.	July 2	.58	45.2
	do.	" 10	.55	42.3
	do.	" 21	.52	36.0
	do.	Aug. 2	.48	34.3
Game Creek	At mouth nr. Victor	May 2	.70	29.1
	do.	" 18	1.08	77.7
	do.	" 22	.99	63.2
	do.	" 23	.92	54.4
	do.	" 31	.78	37.9
	do.	June 3	.64	26.6
	do.	" 9	.58	20.6
	do.			

Stream	Location	Date	Gage	Discharge (sec.ft.)
Game Creek	At mouth nr.Victor	June 16	.64	23.5
	do.	" 24	.55	20.4
	do.	" 28	.50	13.6
	do.	July 2	.50	15.5
	do.	" 10	.48	10.2
	do.	" 21	.41	9.0
	do.	Aug. 2	.38	7.2
Fox Creek	Above canal diversions nr. Driggs	May 1		28.6
	do.	" 18		65.7
	do.	" 22		59.6
	do.	" 29		60.2
	do.	June 16		25.4
	do.	July 22		7.2
	do.	Aug. 12		6.8
do.	At highway crossing nr. Driggs	May 2		16.5
do.	Just above live water nr.Driggs	May 2		6.3
	do.	" 29		15.5
Warm Creek	At crossing on Pine Creek road 2 mi. SW of Victor	Apr.25	.52	11.7
	do.	May 21	1.39	34.8
	do.	" 22	1.60	43.9
	do.	" 23	1.58	43.9
String Canal	At head nr.Victor	June 3	.15	19.4
	do.	" 11	.12	19.0
	do.	" 27	.94	17.2
	do.	July 17		12.0
Town Canal	At head nr.Victor	June 5		32.6
	do.	July 23		12.7
Humble Canal	At head nr. Victor	June 27		5.6
	do.	July 25		5.0
Spencer Canal	At head nr. Victor	June 27		8.9
		July 25		9.8
Horseshoe Creek	near Driggs	July 16		0.8
Lake of Woods outlet	at Lake, Wyo.	" 24		8.0

Stream	Location	Date	Gage	Discharge (sec.ft.)
Lake of Woods outlet	Lake, Wyo.	Aug.14		18.0
	do.	" 23		48.4
	do.	Sept.5		45.0
Enterprise Canal	At Siphon nr. Teton	July 17		52.3
Conant Creek	nr. Drummond			10.6
Canyon Creek Canal	At head at Pincock Springs,	May 21		22.6
	do.	June 14		12.8
	do.	" 27		7.4
	do.	July 9		5.6
Sheridan Creek	Hagenbarth lodge nr.Island Park	May 7		30.9
	do.	" 19		32.5
do.	Above Bishop Canal heading	" 7		26.6
East Br.Sheridan Cr.	Hagenbarth lodge nr. Island Park	" 19		2.6
Bishop Canal	At head nr.Island Perk,	" 7		9.5
	do.	" 19		15.9

DISTRIBUTION IN SWAN VALLEY

The local users in Swan Valley selected Gust Jacobson as deputy watermaster. Owing to the extreme shortage practically all the water rights in this section were cut off by midsummer. A sufficient amount of stored water was rented by the pool committee, however, to those without other supplies so that it was possible to mature most of the crops. If the users on the main river cared to pay the expense of maintaining an outside man as deputy in this sec-

tion it is probable that somewhat more effective regulation would result than now occurs where the local users select a man and pay his salary. The amounts of water used, however, are small in comparison to the river flow and largely return to Snake River as return flow anyway, so it is more or less of a question whether benefits that might be gained by stricter regulation in Swan Valley would be worth the cost. The net result of the present system is that the Swan Valley users rent a moderate amount of storage each year of shortage and retain most of the waters of Palisade Creek and all of Rainey Creek, and perhaps, everything considered, this is as satisfactory and practical a solution of the matter as any other.

CLIMATOLOGICAL DATA

Monthly records showing actual and normal precipitation at eight long-time record stations on the Snake River drainage area are shown in the following tabulation:

Precipitation in inches

Month	Snake R., Wyo. Act.	Norm.	Moran, Wyo Act.	Norm.	Irwin, Ida. Act.	Norm.	Ashton, Ida. Act.	Norm.
Oct.,1933	0.30	2.16	0.21	1.79	0.05	1.29	0 05	1.28
Nov.	.63	2.76	.46	1.82	.27	1.08	.58	1.25
Dec.	4.05	2.73	2.06	1.72	.61	1.16	1.48	1.62
Jan.,1934	3.92	4.46	2.00	2.44	.90	1.37	.87	1.84
Feb.	1.84	2.76	1.87	2.15	1.16	1.06	.83	1.36
Mar.	5.28	3.08	3.04	2.08	.87	1.15	1.54	1.19
Apr.	1.19	2.08	1.36	1.72	.52	.92	.49	1.17
Total Oct.- Apr.incl.	17.21	20.03	11.00	13.72	4.38	8.02	5.84	9.71
May	0.49	2.41	0.40	1.82	0.37	1.66	0.10	1.89
June	2.75	2.31	2.70	1.72	.82	1.26	3.48	1.45
July	.84	1.58	1.50	1.30	1.24	.96	.21	.96
Aug.	.80	1.69	0.75	1.29	.30	.89	.90	.68
Sept.	1.77	1.74	1.32	1.92	1.04	1.21	1.12	1.16
Year	23.86	29.76	17.67	21.77	8.15	14.01	11.65	15.85

Month	Idaho Falls Act.	Norm.	Blackfoot act.	Norm.	Pocatello Act.	Norm.	Twin Falls Act.	Norm.	Mean 8 sta. Act.	Norm.
Oct.1933	0.00	1.06	0.08	1.06	0.21	1.16	0.05	0.90	0.12	1.34
Nov.	.38	.82	.33	.76	.47	.89	.22	1.09	.42	1.31
Dec.	1.04	1.12	.74	.91	1.92	1.21	.55	1.00	1.55	1.43
Jan.	.78	1.34	.79	1.00	.73	1.39	.87	1.16	1.36	1.88
Feb.	.80	1.03	1.21	.80	.84	1.27	1.10	.95	1.21	1.42
Mar.	.54	1.16	.56	.84	.37	1.31	1.29	.89	1.69	1.46
Apr.	.20	.99	.17	.92	.28	1.43	.51	1.01	.59	1.28
Total Oct.- Apr.incl.	3.74	7.52	3.88	6.29	4.82	8.66	4.57	7.00	6.94	10.12
May	0.40	1.38	0.22	1.37	0	1.52	0.07	1.10	0.26	1.64
June	1.96	1.22	1.29	.86	.80	1.09	.28	.85	1.76	1.34
July	.02	.64	.05	.73	.56	.77	0	.39	.55	.92
Aug.	.06	.67	.22	.67	.37	.71	.02	.25	.43	.86
Sept.	.68	.85	.72	.84	.41	.81	0	.61	.88	1.14
Year	6.86	12.28	6.38	10.76	6.96	13.56	4.94	10.20	10.82	16.02

The annual precipitation ranged from 81% of normal at Moran to 48% of normal at Twin Falls, averaging 68% of normal for the 8 stations listed.

The precipitation was a greater percentage of normal than the run-off of the river, due to the fact that the run-off of the stream is the residue after evaporation losses and absorption by plant growth on the watershed are first supplied. On this account a decrease in precipitation below normal generally produces a greater proportional decrease in streamflow and likewise an increase in precipitation above normal usually produces a proportionally greater run-off from the drainage area.

Weather conditions, aside from shortage of moisture, were generally favorable to most crops and yields on the whole were considerably better than anticipated early in the spring. Some damage was suffered from hail in limited localities, beets were damaged by the white fly, and some second growth and roughness occurred among the potatoes. Conditions were generally quite favorable for the alfalfa seed crop in areas utilized for that purpose and grain crops were fairly good, considering water supply.

CONSTRUCTION WORK

A new cable was installed at the Heise section at a more satisfactory measuring section, being paid for from Public Works funds. The U. S. Bureau of Reclamation installed measuring stations on Snake River near Alpine, at

Calamity Point, in Conant Valley, and at Dry Canyon, together with staff gages on tributary creeks between Alpine and Heise. Records at these points to determine river losses and gains were secured by that Bureau during the summer in connection with investigations of possible reservoir sites on the South Fork.

Minor repairs were made at several stations.

EXPENDITURES FOR WATER DISTRIBUTION AND HYDROMETRIC WORK - YEAR ENDING DEC. 31, 1934.

Engineers & Hydrographers

Lynn Crandall,	Salary	1	year		$4700.01
W. V. Iorns,	"	"	"		2394.09
Melvin Luke,	"	7.08	mos. @	$175	1238.50
Geo. H. Powell,	"	3.07	" "	$125	383.33
R. L. Sutcliffe,	"	3.13	" "	$135	423.00
W. N. McConnel,	"	4	" "	$50	200.00

Ann B. Kammers, Clerk, Salary 1 year 1547.00

River Riders

C. Madsen	175.6	days @	$6, incl.mileage	1053.53
W. J. Kremer	186	" "	$5.50 " "	1023.00
H. M. Bramwell	171	" "	$5.50 " "	942.00
R. S. Bosl	71	" "	$5.50 " "	390.50
E. Liljenquist	195	" "	$5.00 " "	975.00
V. Penfold	16	"	time and mileage	145.45
W. Lenz	2.83	mos. @	$40 incl. mileage	113.34

Miscellaneous

Transportation, 41,441 mi. @ 6¢ a mile,	2486.46
Telephone & telegraph,	525.02
Supplies and equipment,	559.86
Gage readers,	668.67
Construction & repairs,	481.90
Bond premium & insurance,	113.48
Miscellaneous,	329.05
Total,	$20,693.19

In addition to the above general expenses, upper valley members of the Committee of Nine were paid $528.80 for time and expenses, which was charged to upper valley canals.

Expenditures from various funds

Normal flow users	$8503.68
Jackson Lake & American Falls storage users	5567.71
Storage Sales account	1022.50
Henrys Lake storage users	269.60
Twin Lakes storage users	23.43
City of Idaho Falls for November regulation	202.75
State of Idaho Stream Gaging fund	1517.96
U. S. Geological Survey	3539.99
Federal Power Commission	45.57
Total	$20,693.19

The U. S. Geological Survey funds include $511.86 from Public Works allotment for repairs to gaging stations.

Funds on hand and accounts due January 1, 1935

Normal Flow fund	$ 927.64
North Fork Reservoir Co.	11.33
Utah-Idaho Sugar Co.	15.08
County warrants on hand	867.42
1934 Normal Flow assessment unpaid	1107.43
Storage Sales account	5451.51
Total	$ 8,380.41

Amount of Federal and State stream gaging funds unknown pending action by Legislature.

WATER RIGHTS IN DISTRICT NO. 36, ON MAIN RIVER AND PRINCIPAL TRIBUTARIES
(Corrected to January 1, 1935)

SNAKE RIVER RIGHTS

(Listed in order downstream from Heise Gaging station)

PARTY OR CANAL	DECREE		
	Date	Amount in sec.ft.	Older
1. Riley	June 1, 1902	24	0
	Jan. 22, 1916	12	24
	Total	36	
2. Anderson, Eagle Rock & Willow Creek	Aug. 1, 1880	160	0
	Apr. 13, 1884	340	160
	Apr. 15, 1889	300	500
	Jan. 22, 1916	300	800
	Total	1100	
3. Farmers Friend			
(Butler Island)	June 1, 1885	2.83	0
(Long Island)	June 1, 1887	13.18	2.83
	Jan. 18, 1888	300	16.01
(Long Island)	June 1, 1888	21.04	316.01
(" ")	June 1, 1889	9.19	337.05
	Jan. 22, 1916	160	346.24
	Total	506.24	
4. Enterprise	March 22, 1895	120	0
	Apr. 15, 1898	68	120
	Jan. 22, 1916	62	188
	Total	250	
5. Nelson	Apr. 30, 1900	4.75	0
6. Mattson-Craig	June 1, 1887	4.80	0
(R. A. Craig)	June 1, 1888	2.40	4.80
Supplemental (Rands)	Apr. 30, 1900	12.96	7.20
	Jan. 22, 1916	14	20.16
	Total	34.16	
7. Arnsberger	June 1, 1891	6	0
	Jan. 22, 1916	3	6
	Total	9	
8. Heise	May 1, 1902	5.60	0

PARTY OR CANAL	Date	DECREE Amount in sec. ft.	Older
9. Butler Island	June 1, 1885	52.14	
	Jan. 22, 1916	10	52.14
	Total	62.14	
10. Ross & Rand			
Supplemental	June 1, 1888	3.34	0
(J. H. Stone)	Jan. 22, 1916	2.80	3.34
	Total	6.14	
11. Steele			
(Butler Island)	June 1, 1885	5.24	0
(S.J. & W.Summers)	June 10, 1885	1.00	5.24
Supplemental(Probert)	June 1, 1888	2.00	6.24
(Hatfield)	June 1, 1890	.80	8.24
	Total	9.04	
12. Harrison			
(Long Island)	June 11, 1880	.43	0
" "	June 1, 1881	.65	.43
" "	June 1, 1882	.65	1.08
" "	June 1, 1883	.64	1.73
" "	June 1, 1884	.64	2.37
(Butler Island)	June 1, 1885	1.60	3.01
(Long Island)	June 1, 1885	0.64	4.61
(S.J. & W.Summers)	June 10, 1885	13.40	5.25
(Long Island)	June 1, 1886	.64	18.65
" "	June 1, 1887	12.40	19.29
(Parks & Lewisville)	June 1, 1888	32.12	31.69
(Long Island)	June 1, 1889	4.49	63.81
	July 12, 1890	240	68.30
	Jan. 9, 1895	160	308.30
	Jan. 22, 1916	96	468.30
	Total	564.30	
13. Cheney	June 2, 1889	6	0
	Jan. 22, 1916	8	6
	Total	14	
14. Boomer & Idaho			0
Boomer	Aug. 13, 1888	260	
Idaho	Aug. 13, 1888	40	300
Idaho	May 11, 1889	700	
	Total	1000	
15. Rudy			0
(Butler Island)	June 1, 1885	7.26	7.26
(Rostan)	June 1, 1888	2	9.26
(C. E. Rostan)	June 1, 1888	2	11.26
	Aug. 13, 1889	100	111.26
	June 1, 1889	30	

PARTY OR CANAL	Date	DECREE Amount in sec.ft.	Older
15. Rudy (C. E. Rostan)-Cont'd.	June 1, 1900	14	141.26
	June 1, 1905	36	155.26
	Jan. 22, 1916	120	191.26
	Total	311.26	
16. Kite & Nord (Hatfield-Nord-Parsons)	June 1, 1890	8.80	0
	Jan. 22, 1916	5.00	8.80
	Total	13.80	
17. Burgess (Long Island)	June 10, 1886	10	0
	June 1, 1887	0.80	10.00
	June 10, 1887	10	10.80
(Long Island)	June 1, 1888	0.61	20.80
	June 10, 1888	380	21.41
	June 10, 1890	240	401.41
	June 1, 1895	160	641.41
	Jan. 22, 1916	200	801.41
	Total	1001.41	
18. Clark & Edwards	Feb. 27, 1885	70	0
	Jan. 22, 1916	30	70
	Total	100	
19. Lowdor & Jennings	June 1, 1890	26	0
	June 1, 1892	26	26
	Jan. 22, 1916	33	52
	Total	85	
20. East Labolle	June 1, 1885	48	0
	June 1, 1888	78	48
	Jan. 22, 1916	26	126
	Total	152	
21. Sunnydell	June 1, 1885	1.60	0
(Transfer #537)	June 1, 1886	0.11	1.60
(Long Island Trans.)	June 1, 1887	1.03	1.71
" " "	June 1, 1888	16.40	2.74
(E.Labelle-Bram. ")	June 1, 1889	44.00	19.14
	June 1, 1891	30	63.14
(Island)	Apr. 14, 1902	140	93.14
	Total	233.14	

PARTY OR CANAL	Date	DECREE Amount in sec. ft.	Older
22. Lenroot	June 1, 1884	9	0
	June 1, 1885	9	9
	June 1, 1889	6	18
	June 1, 1891	15	24
(Amended 6-1-03)	June 1, 1892	5	39
	June 1, 1899	76	44
	June 1, 1903	100	120
	Total	220	
23. Reid	June 1, 1885	30	0
	June 1, 1886	40	30
	June 1, 1889	80	70
	Jan. 22, 1916	40	150
	Total	190	
24. Texas Feeder			
(Texas Slough, 40; Liberty Park, 8;)	June 1, 1885	48	0
(Texas Slough, 12; Liberty Park, 38;)	June 1, 1886	50	48
" "	June 1, 1887	38	98
" "	June 1, 1888	38	136
" "	June 1, 1889	38	174
Texas Slough	June 1, 1891	14	212
" "	June 1, 1892	14	226
" "	June 1, 1893	14	240
" "	June 1, 1894	14	254
" "	June 1, 1895	12	268
Liberty Park 16, Texas Slough 16;	Jan. 22, 1916	32	280
	Total	312	
25. Nelson-Corey	June 1, 1887	12	0
(P.C.Carlsen)	June 1, 1891	4.80	12
	Total	16.80	
26. Hill-Pettingor	June 1, 1886	0.24	0
	June 1, 1887	.48	0.24
	June 1, 1888	.48	.72
	June 1, 1889	.32	1.20
	June 1, 1891	1.44	1.52
	June 1, 1902	3.00	2.96
	June 1, 1903	10	5.96
	Total	15.96	

PARTY OR CANAL	Date	DECREE Amount in sec. ft.	Older
27. Dilts-Island			
Island	June 1, 1886	14.76	0
"	June 1, 1887	29.52	14.76
(Long Island) Isl.	June 1, 1888	29.16	44.28
" " "	June 1, 1889	19.44	73.44
" " "	June 1, 1891	163.56	92.88
(Dilts Labelle Co.)			
Dilts	June 1, 1894	28	256.44
"	Jan. 22, 1916	10	284.44
	Total	294.44	
28. Rigby	June 15, 1885	10	0
(Tr.#416 gives	June 15, 1886	10	10
0.34 sec.ft.June 1,	June 15, 1887	20	20
1887, 0.32 s.f.June	June 15, 1888	120	40
1, 1888 & 0.34 s.f.	Jan. 22, 1916	98	160
June 1, 1889 addl.	Total	258	
rights to those listed.)			
29. W.Labelle-L.Island			
Long Island	June 11, 1880	38.52	0
" "	June 1, 1881	58.97	38.52
" "	June 1, 1882	58.97	97.49
" "	June 1, 1883	58.98	156.46
" "	June 1, 1884	58.98	215.44
Independent	June 4, 1884	29.20	274.42
Long Island	June 1, 1885	58.97	303.62
W. Labelle	June 1, 1885	109.32	362.59
Long Island	June 1, 1886	58.86	471.91
West Labelle	Jan. 22, 1916	28	530.77
	Total	558.77	
30. Parks & Lowisville	June 1, 1883	20	0
	June 1, 1884	20	20
	June 1, 1885	100	40
	June 1, 1888	211.12	140
	Jan. 22, 1916	84	351.12
	Total	435.12	
31. North Rigby	June 10, 1883	50	0
	Jan. 22, 1916	30	50
	Total	80	
32. White	June 1, 1885	5.38	0
	Jan. 22, 1916	10	5.38
	Total	15.38	

PARTY OR CANAL	Date	DECREE Amount in sec. ft.	Older
33. Bramwell			
(Suppl.) Bramwell	June 1, 1888	8.8	0
" N. American M. Company	June 1, 1888	2.00	8.8
	Total	10.8	
34. Ellis (Supplemental)	June 1, 1888	4.80	0
	Jan. 22, 1916	2	4.80
	Total	6.80	
35. Butte & Market Lake	June 4, 1884	2.30	0
	Oct. 16, 1890	349.40	2.30
(Lavina Cutshaw)	Oct. 16, 1890	17	351.70
	Total	368.70	
36. Osgood			
Transf. #396 Johannesen et al	June 4, 1884	2.50	0
Trans. #293 J.W.Hayes	June 1, 1885	3.70	2.50
" #474 Johannesen et al	June 1, 1887	1.64	6.20
Trans. #274 Utah-Idaho Sugar Co.	May 1, 1889	4.92	7.84
Trans. #474 Johannesen et al	June 1, 1889	1.21	12.76
Trans. #274 Utah-Idaho Sugar Co.	July 10, 1889	4.48	13.97
Trans. #267 " "	Oct. 16, 1890	10.60	18.45
Trans. #130 " "	June 16, 1900	100	29.05
	Total	129.05	
37. Kennedy			
Trans. #292 Shattuck	June 11, 1880	0.26	0
" " "	June 1, 1881	.38	.26
" " "	June 1, 1882	.39	.64
" " "	June 1, 1883	.38	1.03
" " "	June 1, 1884	.39	1.41
" " "	June 1, 1885	.38	1.80
" " "	June 1, 1885	.57	2.18
" 324 "	June 1, 1885	2.00	2.75
" 315 "	May 1, 1886	.39	4.75
" 292 "	June 1, 1886	.80	5.14
" 316 "	June 1, 1886	2.16	5.94
" 317 "	June 1, 1886	0.56	8.10
" 332 "	June 1, 1887	0.38	8.66
" 292 "	June 1, 1887		

PARTY OR CANAL

	Date	DECREE Amt. in sec. ft.	Older
37. Konnedy - Cont'd.			
Trans. #331 Harris	June 1, 1887	0.29	9.06
" 315 Shattuck	May 1, 1888	1.00	9.35
" 292 "	June 1, 1888	.39	10.35
" 316 "	" 1, 1888	.80	10.74
" 332 "	" 1, 1888	.56	11.54
" 331 Harris Austin	" 1, 1888	.30	12.12
" 203 Bon.Life Ins.C.	Jan.12, 1889	5.00	12.42
Harris (Corbett)	May 1, 1889	1.17	17.42
Shattuck Trans.#203	May 1, 1889	.46	18.59
Trans. #292 Shattuck	May 1, 1889	1.65	19.07
" 203 Bon.Life Ins.Co.	June 1, 1889	.25	20.72
" 203 Shattuck	July 10, 1889	6.13	20.97
" 203 "	June 1, 1890	4.59	27.10
Decree Bon.Life Ins.Co.	July 10, 1890	2.67	31.69
" " " "	Sept. 24, 1906	.00	34.36
	Mar. 3, 1911	4.56	35.16
	Total	39.72	
38. Porter & Great Western			
Utah-Ida. Sugar Co.	June 1, 1883	15.00	0
Trans. #324 Shattuck	June 1, 1885	0.36	15.00
N.Swedon Irrig. Dist.	Jan. 7, 1886	120	15.36
Trans. #317 Shattuck	June 1, 1886	2.64	135.36
" 492 Utah-Ida.S.Co.	June 1, 1887	8.00	138.00
" 390 " " " "	June 1, 1887	0.39	146.00
" 399 " " " "	June 1, 1887	0.29	146.39
" 405 Harris	June 1, 1887	0.52	146.68
" 406 "	June 1, 1887	0.16	147.20
" 405 "	June 1, 1888	0.48	147.36
" 406 "	June 1, 1888	0.16	147.84
" 398 Utah-Ida.S.Co.	June 1, 1888	0.39	148.00
" 399 " " "	June 1, 1888	0.28	148.39
" 260 New Swedon Dist.	May 1, 1889	2.00	148.67
" 390 Utah-Ida.S.Co.	June 1, 1889	0.39	150.67
" 399 " " "	June 1, 1889	0.20	151.06
" 405 Harris	June 1, 1889	0.52	151.34
" 406 "	June 1, 1889	0.16	151.86
" 260 New Swedon Dist.	July 10, 1889	5.20	152.02
" 264 Utah-Ida.S.Co.	July 10, 1889	5.67	157.22
" 276 Hartert	July 10, 1889	5.33	165.89
Orig.decree N.Swedon Irr.D.	Jan. 24, 1891	400	171.22
Supp. " Martin	June 1, 1905	17.54	571.22
" " "	Aug. 12, 1906	3.47	588.76
" " Hartert	May 31, 1913	3.50	592.23
" " Martin	July 17, 1915	7.88	595.73
Woodville Decree, New Swedon Irrig. Dist.	Jan. 22, 1916	145	603.61
	Total	740.61	

PARTY OR CANAL	Date	DECREE Amt. in sec.ft.	Older
39. Bear Island Bear Island (Weir)	June 1, 1896	3.50	0
40. Taylor & Goshen	June 16, 1900	46	0
41. City of Idaho Falls	Apr. 20, 1900	140	0
	Oct. 22, 1904	48	140
	Total	188	
42. Coy (Long Island)	June 11, 1880	0.79	0
43. Woodville	Apr. 30, 1893	85.50	0
	June 16, 1900	40	85.50
	Jan. 22, 1916	38	125.50
	Total	163.50	
44. Snake River Valley	Apr. 6, 1889	200	0
	July 9, 1896	400	200
	Sept. 1, 1903	110	600
	Jan. 22, 1916	68	710
	Total	778	
45. Reservation (Smith-Maxwell) (Idaho Canal)	Feb. 21, 1890	15.98	0
	Dec. 14, 1891	600	15.98
	Total	615.98	
46. Blackfoot	July 10, 1889	366.80	0
47. New Lava Side	June 1, 1884	20	0
	March 1, 1889	60	20
	Nov. 24, 1890	72	80
	Jan. 22, 1916	30	152
	Total	182	
48. Peoples (Watson-Slough)	March 6, 1885	7.60	0
" " "	July 15, 1888	16.60	7.60
	Aug. 1[illegible], 1894	400	24.20
	Jan. 22, 1916	200	424.20
	Total	624.20	
49. Aberdeen-Springfield	Feb. 6, 1895	1250	0
50. Corbett Slough	May 1, 1889	109.43	0
	May 1, 1892	130	109.43
	Total	239.43	
51. Nielsen-Hanson	June 1, 1883	15	0

PARTY OR CANAL	Date	DECREE Amt. in sec.ft.	Older
52. Riverside (Long Island)	June 1, 1885	10	0
	June 1, 1887	99.35	10
	June 1, 1888	1.22	109.35
	June 1, 1889	1.59	110.57
	Jan. 22, 1916	30	112.16
	Total	142.16	
53. Danskin	July 23, 1886	100	0
	June 1, 1888	80	100
	Jan. 22, 1916	20	180
	Total	200	
54. Trego	June 1, 1890	65.41	0
	June 1, 1902	4.00	65.41
	Jan. 22, 1916	18.00	69.41
	Total	87.41	
55. Mcaryrick (Long Island)	May 3, 1886	38	0
" "	June 1, 1887	9.36	38.00
(Watson Slough)	June 1, 1888	1.20	47.36
(Long Island)	July 15, 1888	3.20	48.56
	June 1, 1889	1.60	51.76
	Jan. 22, 1916	30	53.36
	Total	83.36	
56. Watson Slough	March 6, 1885	62.40	0
(Elizabeth Kratzer)	June 1, 1886	1.60	62.40
(H. M. Palmer)	May 13, 1888	3.20	64.00
	July 15, 1888	30.20	67.20
	Jan. 22, 1916	36	97.40
	Total	133.40	
57. Parsons	June 30, 1885	22	0
	Jan. 22, 1916	18	22
	Total	40	
58. Smith-Maxwell	Feb. 21, 1890	1.62	0
59. U. S. B. R. Minidoka canals	May 26, 1903	1726	0
	Aug. 6, 1906	1000	1726
	Total	2726	
60. U. S. B. R. New Divisions	March 30, 1921	8000	0
61. Schodde	April 1, 1895	2	0

PARTY OR CANAL	Date	DECREE Amt. in sec. ft.	Older
62. Twin Falls Canal Co.	Oct. 11, 1900	3000	0
	Dec. 22, 1915	600	3000
	Total	3600	
63. Twin Falls N. S. L. & W. Co.	Oct. 11, 1900	400	0
	June 7, 1905	2250	400
	June 16, 1908	350	2650
	Dec. 23, 1915	300	3000
	Aug. 6, 1920	1260	3500
	Total	4560	
64. Milner Low Lift Irrig. District	Nov. 14, 1916	135	0

SNAKE RIVER RIGHTS

(Listed in order of priorities)

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 11, 1880	Kennedy		
June 11, 1880	Harrison	0.26	0.26
June 11, 1880	Coy	.43	.69
June 11, 1880	Long Island	.79	1.48
Aug. 1, 1880	Anderson, Eagle Rock & Willow Cr.	38.52	40.00
June 1, 1881	Kennedy	160.00	200.00
June 1, 1881	Harrison	.38	200.38
June 1, 1881	Long Island	.65	201.03
June 1, 1882	Kennedy	58.97	260.00
June 1, 1882	Harrison	.39	260.39
June 1, 1882	Long Island	.65	261.04
June 1, 1883	Kennedy	58.97	320.01
June 1, 1883	Harrison	.38	320.39
June 1, 1883	Long Island	.64	321.03
June 1, 1883	Great Western & Porter	58.98	380.01
June 1, 1883	Nielsen-Hansen	15	395.01
June 1, 1883	Parks & Lewisville	15	410.01
June 10, 1883	North Rigby	20	430.01
April 3, 1884	Anderson, Eagle Rock & Willow Cr.	340	820.01
June 1, 1884	Kennedy	.39	820.40
June 1, 1884	Harrison	.64	821.04
June 1, 1884	Long Island	58.98	880.02
June 1, 1884	Lenroot	9	889.02
June 1, 1884	Parks & Lewisville	20	909.02
June 1, 1884	New Lava Side	20	929.02
June 4, 1884	Osgood	2.50	931.52
June 4, 1884	Butte & Market Lake	2.30	933.82
June 4, 1884	Independent	29.20	963.02
Feb. 27, 1885	Clark & Edwards	70	1033.02
Mar. 6, 1885	Peoples	7.60	1040.62
Mar. 6, 1885	Watson Slough	62.40	1103.02
June 1, 1885	Kennedy	2.56	1105.58
June 1, 1885	Harrison	2.24	1107.82
June 1, 1885	Great Western & Porter	.36	1108.18
June 1, 1885	Long Island	58.97	1167.15
June 1, 1885	Farmers Friend	2.83	1169.98
June 1, 1885	Rudy	7.26	1177.24
June 1, 1885	Steele	5.24	1182.48
June 1, 1885	Butler Island	52.14	1234.62
June 1, 1885	Osgood	3.70	1238.32
June 1, 1885	White	5.38	1243.70
June 1, 1885	Sunnydell	1.60	1245.30
June 1, 1885	West Labelle	109.32	1354.62
June 1, 1885	Reid	30.00	1384.62

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1885	Lenroot		
June 1, 1885	East Labelle	9.00	1393.62
June 1, 1885	Parks & Lowisville	48	1441.62
June 1, 1885	Texas Feeder	100	1541.62
June 1, 1885	Riverside	48	1589.62
June 10, 1885	Stoola	10	1599.62
June 10, 1885	Harrison	1	1600.62
June 15, 1885	Rigby	13.40	1614.02
June 30, 1885	Parsons	10	1624.02
Jan. 7, 1886	Great Western & Porter	22	1646.02
May 1, 1886	Konnody	120	1766.02
May 3, 1886	Wearyrick	2.75	1768.77
June 1, 1886	Konnody	35	1806.77
June 1, 1886	Harrison	3.35	1810.12
June 1, 1886	Long Island	.64	1810.76
June 1, 1886	Hill-Pettingor	58.86	1869.62
June 1, 1886	Roid	.24	1869.86
June 1, 1886	Rudy	40	1909.86
June 1, 1886	Great Western & Porter	2	1911.86
June 1, 1886	Texas Feeder	2.64	1914.50
June 1, 1886	Island	50	1964.50
June 1, 1886	Watson Slough	14.76	1979.26
June 10, 1886	Burgoss	1.60	1980.86
June 15, 1886	Rigby	10	1990.86
July 23, 1886	Danskin	10	2000.86
June 1, 1887	Wearyrick	100	2100.86
June 1, 1887	Burgoss	9.36	2110.22
June 1, 1887	Farmers Friend	.80	2111.02
June 1, 1887	Konnedy	13.18	2124.20
June 1, 1887	Harrison	1.25	2125.45
June 1, 1887	Great Western & Porter	12.40	2137.85
June 1, 1887	Osgood	9.36	2147.21
June 1, 1887	Island	1.64	2148.85
June 1, 1887	Mattson-Craig	29.52	2178.37
June 1, 1887	Nelson-Corey	4.80	2183.17
June 1, 1887	Texas Feeder	12	2195.17
June 1, 1887	Hill-Pettingor	38	2233.17
June 1, 1887	Riversido	.48	2233.65
June 10, 1887	Burgoss	99.35	2333.00
June 15, 1887	Rigby	10	2343.00
Jan. 10, 1888	Farmers Friend	20	2363.00
May 1, 1888	Konnedy	300	2663.00
May 13, 1888	Watson Slough	1	2664.00
June 1, 1888	Wearyrick	3.20	2667.20
June 1, 1888	Ellis	1.20	2668.40
June 1, 1888	Bramwell	4.80	2673.20
June 1, 1888	Mattson-Craig	10.80	2684.00
June 1, 1888	Farmers-Friend	2.40	2686.40
June 1, 1888	Konnedy	21.04	2707.44
June 1, 1888	Great Western & Porter	2.07	2709.51
		1.31	2710.82

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1888	Island	29.16	2739.98
June 1, 1888	Riverside	1.22	2741.20
June 1, 1888	Stoolo	2.00	2743.20
June 1, 1888	Ross & Rand	3.34	2746.54
June 1, 1888	Rudy	2.00	2748.54
June 1, 1888	Harrison	32.12	2780.66
June 1, 1888	Parks & Lowisville	211.12	2991.78
June 1, 1888	Texas Feeder	38	3029.78
June 1, 1888	East Labolle	78	3107.78
June 1, 1888	Danskin	80	3187.78
June 1, 1888	Burgess	.61	3188.39
June 1, 1888	Hill-Pettingor	.48	3188.87
June 10, 1888	Burgess	380	3568.87
June 15, 1888	Rigby	120	3688.87
July 15, 1888	Wearyrick	3.20	3692.07
July 15, 1888	Peoples	16.60	3708.67
July 15, 1888	Watson Slough	30.20	3738.87
Aug. 13, 1888	Boomer	260	3998.87
Aug. 13, 1888	Idaho	40	4038.87
Aug. 15, 1888	Rudy	100	4138.87
Jan. 12, 1889	Kennedy	5	4143.87
Mar. 1, 1889	New Lava Side	60	4203.87
Apr. 6, 1889	Snake River Valley	200	4403.87
Apr. 15, 1889	Anderson, E. R. & Willow Creek	300	4703.87
May 1, 1889	Kennedy	3.20	4707.07
May 1, 1889	Osgood	4.92	4711.99
May 1, 1889	Great Western & Porter	2.00	4713.99
May 1, 1889	Corbett-Slough	109.43	4823.42
May 11, 1889	Idaho	700	5523.42
June 1, 1889	Kennedy	.25	5523.67
June 1, 1889	Osgood	1.21	5524.88
June 1, 1889	Harrison	4.49	5529.37
June 1, 1889	Island	19.44	5548.81
June 1, 1889	Wearyrick	1.60	5550.41
June 1, 1889	Texas Feeder	38	5588.41
June 1, 1889	Riverside	1.59	5590.00
June 1, 1889	Consolidated Feeder	44	5634.00
June 1, 1889	Reid	80	5714.00
June 1, 1889	Rudy	30	5744.00
June 1, 1889	Hill-Pettinger	.32	5744.32
June 1, 1889	Lenroot	6.00	5750.32
June 1, 1889	Farmers Friend	9.19	5759.51
June 1, 1889	Great Western & Porter	1.35	5760.86
June 2, 1889	Cheney	6.00	5766.86
July 10, 1889	Kennedy	6.13	5772.99
July 10, 1889	Great Western & Porter	19.20	5792.19
July 10, 1889	Osgood	4.48	5796.67
July 10, 1889	Blackfoot	366.80	6163.47
Feb. 21, 1890	Reservation	15.98	6179.45
Feb. 21, 1890	Smith-Maxwell	1.82	6181.27
June 1, 1890	Lowder & Jennings	26	6207.27
June 1, 1890	Kennedy	4.59	6211.86

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1890	Trego	65.41	6277.27
June 1, 1890	Steele	.80	6278.07
June 1, 1890	Kito & Nord	8.80	6286.87
June 10, 1890	Burgoss	240	6526.87
July 10, 1890	Kennedy	2.67	6529.54
July 12, 1890	Harrison	240	6769.54
Oct. 16, 1890	Osgood	10.60	6780.14
Oct. 16, 1890	Butte & Market Lake	366.40	7146.54
Nov. 24, 1890	New Lava Side	72	7218.54
Jan. 24, 1891	Great Western & Porter	400	7618.54
June 1, 1891	Consolidated Feeder	30	7648.54
June 1, 1891	Texas Feeder	14	7662.54
June 1, 1891	Island	163.56	7826.10
June 1, 1891	Lenroot	15	7841.10
June 1, 1891	Hill-Pettinger	1.44	7842.54
June 1, 1891	Arnsberger	6.00	7848.54
June 1, 1891	Nelson-Corey	4.80	7853.34
Dec. 14, 1891	Reservation	600	8453.34
May 1, 1892	Corbett Slough	130	8583.34
June 1, 1892	Leader & Jennings	26	8609.34
June 1, 1892	Texas Feeder	14	8623.34
June 1, 1892	Lenroot	5	8628.34
Apr. 30,1893	Woodville	85.50	8713.84
June 1, 1893	Texas Feeder	14	8727.84
June 1, 1894	Texas Feeder	14	8741.84
June 1, 1894	Dilts	28	8769.84
Aug. 18, 1894	Peoples	400	9169.84
Jan. 9, 1895	Harrison	160	9329.84
Feb. 6, 1895	Aberdeen-Springfield	1250	10579.84
Mar. 22, 1895	Enterprise	120	10699.84
Apr. 1, 1895	Schoddo	2	10701.84
June 1, 1895	Burgess	160	10861.84
June 1, 1895	Texas Feeder	12	10873.84
June 1, 1896	Bear Island	3.50	10877.34
July 9, 1896	Snake River Valley	400	11277.34
Apr. 15, 1898	Enterprise	68	11345.34
June 1, 1899	Lenroot	76	11421.34
Apr. 20, 1900	City of Idaho Falls	140	11561.34
Apr. 30, 1900	Mattson-Craig	12.96	11574.30
Apr. 30, 1900	Nelson	4.75	11579.05
June 1, 1900	Rudy	14	11593.05
June 6, 1900	Woodville	40	11633.05
June 16, 1900	Osgood	100	11733.05
June 16, 1900	Taylor & Goshen	46	11779.05
Oct. 11, 1900	Twin Falls Canal Co.	3000	14779.05
Oct. 11, 1900	North Side Canal Co.	400	15179.05
Apr. 14, 1902	Consolidated Feeder	140	15319.05
May 1, 1902	Heise	5.60	15324.65

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1902	Trego	4.00	15328.65
June 1, 1902	Riley	24	15352.65
June 1, 1902	Hill-Pettinger	3	15355.65
Mar. 22, 1903	U. S. B. R. (Minidoka)	1726	17081.65
June 1, 1903	Hill-Pettinger	10	17091.65
June 1, 1903	Lenroot	100	17191.65
Sept. 1, 1903	Snake River Valley	110	17301.65
Oct. 22, 1904	City of Idaho Falls	48	17349.65
June 1, 1905	Rudy	36	17385.65
June 1, 1905	Great Western & Porter	17.54	17403.19
June 7, 1905	North Side Canal Co.	2250	19653.19
Sept.24, 1906	Kennedy	.80	19653.99
June 16, 1908	North Side Canal Co.	350	20003.99
Aug. 6, 1908	U. S. B. R. (Minidoka)	1000	21003.99
Aug. 12, 1908	Great Western & Porter	3.47	21007.46
Mar. 5, 1911	Kennedy	4.56	21012.02
May 31, 1913	Great Western & Porter	3.50	21015.52
July 15, 1915	Great Western & Porter	7.88	21023.40
Dec. 22, 1915	Twin Falls Canal Co.	600	21623.40
Dec. 25, 1915	North Side Canal Co.	300	21923.40
Jan. 22, 1916	Parsons	18	21941.40
Jan. 22, 1916	Watson Slough	36	21977.40
Jan. 22, 1916	Wearyrick	30	22007.40
Jan. 22, 1916	Trego	18	22025.40
Jan. 22, 1916	Danskin	20	22045.40
Jan. 22, 1916	Riverside	30	22075.40
Jan. 22, 1916	Peoples	200	22275.40
Jan. 22, 1916	New Lava Side	30	22305.40
Jan. 22, 1916	Snake River Valley	68	22373.40
Jan. 22, 1916	Woodville	38	22411.40
Jan. 22, 1916	Porter & Great Western	145	22556.40
Jan. 22, 1916	Ellis	2	22558.40
Jan. 22, 1916	White	10	22568.40
Jan. 22, 1916	North Rigby	30	22598.40
Jan. 22, 1916	Parks & Lewisville	84	22682.40
Jan. 22, 1916	West Labolle	28	22710.40
Jan. 22, 1916	Dilts	10	22720.40
Jan. 22, 1916	Rigby	98	22818.40
Jan. 22, 1916	Texas Feeder	32	22850.40
Jan. 22, 1916	Reid	40	22890.40
Jan. 22, 1916	East Labolle	26	22916.40
Jan. 22, 1916	Lowder & Jennings	33	22949.40
Jan. 22, 1916	Clark & Edwards	30	22979.40
Jan. 22, 1916	Burgess	200	23179.40
Jan. 22, 1916	Kite & Nord	5	23184.40
Jan. 22, 1916	Rudy	120	23304.40
Jan. 22, 1916	Cheney	8	23312.40
Jan. 22, 1916	Harrison	96	23408.40
Jan. 22, 1916	Ross & Rand	2.80	23411.20

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
Jan. 22, 1916	Butler Island	10	23421.20
Jan. 22, 1916	Arnsberger	3	23424.20
Jan. 22, 1916	Mattson-Craig	14	23438.20
Jan. 22, 1916	Enterprise	62	23500.20
Jan. 22, 1916	Farmers Friend	160	23660.20
Jan. 22, 1916	Anderson, E. R. & Willow Creek	300	23960.20
Jan. 22, 1916	Riley	12	23972.20
Nov. 14, 1916	Milner Low Lift	135	24107.20
Aug. 6, 1920	North Side Canal Co.	1260	25367.20
Mar. 13, 1921	U. S. B. R. (Now Divisions)	8000	33367.20

PRINCIPAL WATER RIGHTS HENRYS FORK AND FALL RIVER
(Listed in downstream order)

PARTY OR CANAL	DECREE Date	Amount in sec.ft.	Older
Diversions from Fall River:			
1. Yellowstone	Nov. 5, 1895	25.0	0
	May 1, 1906	100	25
	Total	125	
2. Harrigfeld	Aug. 4, 1900	60	0
	May 1, 1906	80	60
	Total	140	
3. Marysville	Nov. 5, 1895	305	0
4. Farmers Own	June 1, 1892	3.00	0
L. J. Maurer	June 1, 1892	1.40	3.00
A. P. Crabb	June 1, 1894	3.00	4.40
L. J. Maurer	Apr. 1, 1896	34	7.40
Farmers Own	May 1, 1904	12	41.40
Farmers Own	May 1, 1905	40	53.40
Farmers Own	Total	93.40	
5. Conant Creek Canal Co.	May 1, 1901	20	0
6. Army	Sept. 24, 1900	3.00	0
7. Enterprise Irrig. Dist.	June 12, 1903	140.2	0
	Jan. 22, 1916	30	140.2
	Total	170.2	

PARTY OR CANAL	Date	DECREE Amt. in sec.ft.	Older
8. Bell	Sept. 26, 1889	5.20	0
9. Fall River (After July 1, 360)	June 1, 1889	460.0	0
10. McBee-Seeley Bros.	June 1, 1891	3.60	0
Ed L. Mitchell	June 1, 1894	3.00	3.60
C. H. Moon	May 10, 1895	5.00	6.60
L. Loyd	June 1, 1896	3.00	11.60
Smith	July 16, 1902	2.00	14.60
	Total	16.60	
11. Hathaway, Chester J.	June 10, 1887	.60	0
Chester Irrig.	April 1, 1896	112	.60
	Total	112.60	
12. Silkey			
Drake	June 1, 1890	8.00	0
Silkey	June 1, 1890	8.00	8.00
Farnsworth	June 1, 1890	5.20	16.00
Sundberg	June 1, 1890	5.50	21.20
G. B. Yost	June 1, 1903	0.60	26.70
	Total	27.30	
13. Curr - O. L. Wilson	June 10, 1887	2.40	0
R. Humphrey	June 10, 1887	4.80	2.40
J. Hathaway	June 10, 1887	3.50	7.20
W. Hathaway	June 10, 1887	4.80	10.70
Jos. Curr	June 10, 1887	4.80	15.50
H. Y. Brown	June 1, 1888	2.40	20.30
A. T. Farnsworth	June 1, 1888	2.40	22.70
H. T. White	June 1, 1888	2.40	25.10
A. T. & R.J. Farnsworth	June 1, 1889	4.00	27.50
H. T. White	June 1, 1890	2.40	31.50
Alma Blanchard	June 1, 1890	2.40	33.90
J. J. Brown	June 1, 1891	4.80	36.30
Alma Blanchard	June 1, 1892	2.40	41.10
A. E. & R.J. Farnsworth	June 1, 1892	4.00	43.50
	Total	47.50	
Diversions from Henrys Fork:			0
14. Island Park	June 15, 1889	10.00	10.00
	June 1, 1891	30.00	40.00
	June 1, 1893	10.00	
	Total	50.00	
15. Z. Sandberg (Black Spgs. Cr.)	June 1, 1894	1.80	0

PARTY OR CANAL	Date	DECREE Amt. in sec. ft.	Older
16. Dewey	May 15, 1898	37.20	0
17. Last Chance (After July 1, 120)	Feb. 9, 1897	225	0
18. St. Anthony Union July 2-16, 500) " 17-31, 600) After Aug.1, 500)	June 21, 1888	600	0
	July 29, 1892	100	600
	Total	700	
19. Farmers Friend (After July 1, 160)	Feb. 5, 1902	240	0
	Jan. 22, 1916	47	240
	Total	287	
20. Twin Groves	June 1, 1892	150	0
	Jan. 22, 1916	30	150
	Total	180	
21. Salem Union (After July 1, 240)	April 28, 1892	300	0
22. Hoff	April 18, 1896	10	0
	April 25, 1885	200	0
23. Egin Irrig. Co. July 2-16, 100) July 17-31,200) After Aug.1, 100)	March 1, 1890	200	200
	Total	400	
24. Independent July 1-15, 360) " 16-31, 400) After July 31,360)	June 14, 1895	400	0
			0
		80	80
25. Consolidated Farmers	June 1, 1890	120	200
	June 1, 1892	55	255
	June 1, 1895	78	
	Jan. 22, 1916	333	
	Total		

HENRYS FORK AND FALL RIVER
(Listed according to Priority)

DATE	PARTY OR CANAL	AMOUNT	ACCUM. AMOUNT
April 25, 1885	Egin Irrigation Co.	200	200
June 10, 1887	Chester	.60	200.60
June 10, 1887	Curr	20.30	220.90
June 1, 1888	Curr	7.20	228.10
June 21, 1888	St. Anthony Union	* 600	828.10
	*(July 2-12, 500; July 17-31, 600; after Aug. 1, 500)		
June 1, 1889	Curr	4	832.10
June 1, 1889	Fall River Canal	* 460	1292.10
	*(After July 1, 360)		
June 15, 1889	Island Park	10	1302.10
Sept. 26, 1889	Bell	5.20	1307.30
Mar. 1, 1890	Egin Irrig. Co.	* 200	1507.30
	*(July 2-16, 100; July 17-31, 200; after Aug. 1, 100)		
June 1, 1890	Curr	4.80	1512.10
June 1, 1890	Silkey	26.70	1538.80
June 1, 1890	Consolidated Farmers	80	1618.80
June 1, 1891	Island Park	30	1648.80
June 1, 1891	Curr	4.80	1653.60
June 1, 1891	McBee	3.60	1657.20
April 28, 1892	Salem Union	* 300	1957.20
	*(After July 1, 240)		
June 1, 1892	Consolidated Farmers	120	2077.20
June 1, 1892	Twin Groves	150	2227.20
June 1, 1892	Farmers Own	4.40	2231.60
June 1, 1892	Curr	6.40	2238.00
June 29, 1892	St. Anthony Union	100	2338.00
June 1, 1893	Island Park	10	2348.00
June 1, 1894	E. Sandberg	1.20	2349.20
June 1, 1894	Farmers Own	3.00	2352.20
June 1, 1894	McBee	3.00	2355.20
May 10, 1895	McBee	5.00	2360.20
June 1, 1895	Consolidated Farmers	55.00	2415.20
June 14, 1895	Independent	* 400	2815.20
	*(July 2-16, 360; July 16-31, 400; after July 31, 360)		
Nov. 5, 1895	Yellowstone	25	2840.20
Nov. 5, 1895	Marysville	305	3145.20
Apr. 1, 1896	Chester	112	3257.20
Apr. 1, 1896	Farmers Own	34	3291.20
April 18, 1896	Huff	10	3301.20
June 1, 1896	McBee	3	3304.20
Feb. 9, 1897	Last Chance Canal	* 225	3529.20
	*(After July 1, 120)		

DATE	PARTY OR CANAL	AMOUNT	ACCUM. AMOUNT
May 15, 1898	Dewey		
Aug. 4, 1900	Harrigfeld	37.20	3566.40
Sept. 24, 1900	Almy	60	3626.40
May 1, 1901	Conant Creek	3	3629.40
Feb. 5, 1902	Farmers Friend	20	3649.40
July 16, 1902	McBee	240	3889.40
June 1, 1903	Silkey	2	3891.40
June 12, 1903	Enterprise	0.60	3892.00
May 1, 1904	Farmers Own	140.20	4032.20
May 1, 1905	Farmers Own	12.0	4044.20
May 1, 1906	Harrigfeld	40.0	4084.20
May 1, 1906	Yellowstone	80.0	4164.20
Jan. 22, 1916	Consolidated Farmers	100	4264.20
Jan. 22, 1916	Twin Groves	78	4342.20
Jan. 22, 1916	Farmers Friend	30	4372.20
Jan. 22, 1916	Enterprise	47	4419.20
		30	4449.20

PRINCIPAL WATER RIGHTS OF LOWER TETON RIVER

(Listed in downstream order)

PARTY OR CANAL	DECREE Date	Amt. in sec. ft.	Older
1. Peaceful Valley	June 7, 1909	20	0
2. Canyon Creek	June 1, 1900	16	0
	June 1, 1902	54	16
	Total	70	
3. Hague	March 25, 1901	2	0
4. Siddoway	July 1, 1891	6	0
(Teton Irrig. & Mfg. Co., Siddoway & Mfg. Co.)	July 1, 1892 (After 1 only)	7.68	6
	April 1, 1898	15.32	13.68
	Total	29.00	
5. Wilford			
Wilford Irrig. & Mfg. Co.	June 1, 1884	67.84	0
	April 1, 1898	132.16	67.84
	Total	200.00	
6. Teton Irrig. Co.	June 1, 1884	120	0
	Oct. 2, 1889	10	120
	Total	130	

PARTY OR CANAL	Date	DECREE Amt. in sec. ft.	Older
7. Good Luck	June 1, 1884	10	0
	April 1, 1898	26	10
	Total	36	
8. Pioneer	May 1, 1883	10.56	0
	April 1,1898	18.00	10.56
	Total	28.56	
9. Stewart - Trans.#532	June 1, 1879	4.40	0
Supp. Roche & Rice	May 4, 1883	4.00	4.40
S. Stewart Estate	June 1, 1884	5.00	8.40
S. Stewart Estate	April 1, 1898	10.00	13.40
Supp. Roche & Rice	April 1, 1898	8.00	23.40
	Total	31.40	
10. Pincock-Byington	May 1, 1884	7.12	0
	Apr. 1, 1898	14.00	7.12
	Total	21.12	
11. Pincock-Garner			
M.L.Bird, F.W.Garner,			
G.A.Pincock	Mar. 1, 1884	8.88	0
" " " "	Apr. 1, 1898	16.00	8.88
H. J. Clark	May 15, 1898	3.20	24.88
	Total	28.08	
12. Teton Island Feeder			
" " Canal	Mar. 1, 1883	10.36	0
Hill Ditch Co.	May 1, 1884	6.96	10.36
Teton Island Canal	May 22, 1884	70.00	17.32
Wolf Ditch Co.	June 1, 1884	25.30	87.32
Nelson-Jacobs Ditch D. Nelson	May 1, 1885	4.32	112.62
Windmill, Withers & Young	May 31, 1885	4.32	116.94
Salem I. Canal Co.	June 1, 1885	240	121.26
Walters, (Stewart & Walters Ditch)	June 1, 1886	3.36	361.26
Mortensen (Nelson-Jacobs Ditch)	May 1, 1889	2.24	364.62
Teton Island Canal	April 1, 1896	159.64	366.86
Hill Ditch Co.	April 1, 1898	12	526.50
Windmill, Withers & Young	April 1, 1898	8.66	538.50
Walters (Stewart & Walters Ditch)	April 1, 1898	6.64	547.18

PARTY OR CANAL

	Date	DECREE Amt. in sec. ft.	Older
12. Teton Island Feeder (Cont'd.)			
Mortenson (Nelson-Jacobs Ditch)	Apr. 1, 1898	4.36	553.82
Nelson (Nelson-Jacobs Ditch)	Apr. 1, 1898	8.68	558.18
Wolf Ditch Co.	Apr. 1, 1898	46.70	566.86
	Total	613.56	
13. North Salom	June 1, 1888 Until July 1 only.	26.50	0
14. Roxana	June 1, 1885	16.0	0
	Jan.22, 1916	26.0	16
	Total	42.0	
15. Island Ward (North Fork Teton R.)	Jan. 23, 1901	100	0
16. Woodmansee-Johnson			
M. L. Navo	June 1, 1886	.50	0
Woodmansee-Johnson	Oct. 1, 1889	12.40	.50
Woodmansee-Johnson Suppl.	" 1, 1889	9.00	12.90
Clark & Houghton	June 1, 1891	3.20	21.90
Alfred Ricks	June 1, 1894	.20	25.10
W. J. Huskinson	Apr.20, 1896	.40	25.30
John S. Eames	July 15, 1896	.50	25.70
John S. Eames	Apr. 1, 1898	1.00	26.20
Clark & Houghton	Apr. 1, 1898	4.00	27.20
Woodmansee-Johnson	Apr. 1, 1898	27.60	31.20
W. J. Huskinson	Apr. 1, 1898	1.00	58.80
	Total	59.80	
17. McCormick-Rowe			
Ruebon H. Rowe & McCormick	Apr. 1, 1898	8.60	0
18. City of Roxburg	June 10, 1883	27.00	0
	Apr. 1, 1898	33.00	27.0
	Total	60.00	
19. Roxburg Irrig.	June 10, 1883	130.00	0
	Apr. 1, 1898	170	130
	Total	300	
20. N. P. Hanson (Sold to Lee Burrows)	May 15, 1883	3.20	0

LOWER TETON RIVER
(Listed according to Priorities)

DATE	PARTY OR CANAL	AMOUNT	ACCUM. AMOUNT
-June 1, 1879	Stewart	4.40	4.40
-Mar. 1, 1883	Teton Island Feeder	10.36	14.76
-May 1, 1883	Stewart	4.00	18.76
-May 1, 1883	Pioneer	10.56	29.32
May 15, 1883	N. P. Hansen	3.20	32.52
-June 10, 1883	City of Rexburg	27.00	59.52
-June 10, 1883	Rexburg Irrig. Co.	130.00	189.52
-Mar. 1, 1884	Pincock-Garner	8.88	198.40
-Mar. 1, 1884	Pincock-Byington	7.12	205.52
-May 1, 1884	Teton Island Feeder	6.96	212.48
-May 22, 1884	Teton Island Feeder	70.00	282.48
-June 1, 1884	Teton Island Feeder	25.30	307.78
-June 1, 1884	Stewart	5.00	312.78
-June 1, 1884	Teton Irrigation	120.00	432.78
-June 1, 1884	Good Luck	10.00	442.78
-June 1, 1884	Wilford	67.84	510.62
-May 1, 1885	Teton Island Feeder	4.32	514.94
-May 31, 1885	Teton Island Feeder	4.32	519.26
-June 1, 1885	Teton Island Feeder	240.00	759.26
-June 1, 1885	Roxana	16.00	775.26
-June 1, 1886	Woodmansee-Johnson	0.50	775.76
-June 1, 1888	North Salem	26.50	802.26
-June 1, 1888	Teton Island Feeder	3.36	805.62
-May 1, 1889	Teton Island Feeder	2.24	807.86
-Oct. 2, 1889	Teton Irrigation	10.00	817.86
-Oct. 1, 1889	Woodmansee-Johnson	21.40	839.26
-June 1, 1891	Woodmansee-Johnson	3.20	842.46
-July 1, 1891	Siddoway	6.00	848.46
-June 1, 1892	Siddoway	7.68*	856.14
	*(After July 1 only)	.20	856.34
-June 1, 1894	Woodmansee-Johnson	.40	856.74
-Apr. 20, 1896	Woodmansee-Johnson	.50	857.24
-July 15, 1896	Woodmansee-Johnson	1.00	858.24
-April 1, 1898	Woodmansee-Johnson	246.70	1104.94
-Apr. 1, 1898	Teton Island Feeder	14	1118.94
-Apr. 1, 1898	Pincock-Byington	170	1288.94
-Apr. 1, 1898	Roxburg Irrigation Co.	33	1321.94
-Apr. 1, 1898	City of Rexburg	33.60	1355.54
-Apr. 1, 1898	Woodmansee-Johnson	16	1371.54
-Apr. 1, 1898	Pincock-Garner	18	1389.54
-Apr. 1, 1898	Stewart	18	1407.54
-Apr. 1, 1898	Pioneer	26	1433.54
-Apr. 1, 1898	Good Luck	132.16	1565.70
-Apr. 1, 1898	Wilford	8.60	1574.30
-Apr. 1, 1898	McCormick-Rowe	15.32	1589.62
-Apr. 1, 1898	Siddoway		

DATE	PARTY OR CANAL	AMOUNT	ACCUM. AMOUNT
-May 15, 1898	Pincock-Garner	3.20	1592.82
June 1, 1900	Canyon Creek	16	1608.82
-Jan. 23, 1901	Island Ward	100	1708.82
Mar. 25, 1901	Hague	2	1710.82
June 1, 1902	Canyon Creek	54	1764.82
June 7, 1909	Peaceful Valley	20	1784.82
-Jan. 22, 1916	Roxana	26	1810.82

Below rising water on lower Teton River the Saurey-Sommers-Baker ditch has by summary decree

Charles Saurey	12.32	sec. ft.	Oct. 17, 1885
Nicholas Sommers	11.48	" "	Oct. 17, 1885
Catherine Baker	3.20	" "	Oct. 17, 1885
Total	27.00		

STORAGE RIGHTS
(Acre-feet)

CANAL	JACKSON LAKE	AMERICAN FALLS	
		Permanent Right	Additional lease 1932-1935, incl.
Riley (Poplar Dist.)	1200	793	370 (a)
Progressive Irrig. Dist.	0	14609	6822
Farmers Friend	2000	0	0
Enterprise Canal Co.	6100	10509	4908 (b)
Harrison Canal Co.	5000	11994	5601
Idaho Irrig. Dist.	0	26986	12602
Rudy Canal Co.	2000	2000	934 (c)
Burgess Canal Co.	5120	7496	3501
Lowder & Jennings	1040	0	0
Consolidated Feeder	4000	0	0
Lenroot Canal Co.	3000	4504	2103
Reid Canal Co.	0	3002	1402
Dilts Canal Co.	0	1034	483
Enterprise Irrig. Dist.	0	12000	5604
Butte & Market Lake	0	3002	1402
Osgood Canal	0	15852	7403
Kennedy	355	0	0
New Sweden Irrig. Dist.	5000	28528	13322
Martin Canal Co.	1500	2250	1050
Bear Island	0	225	105
C. D. Smith	0	79	37
Woodville Canal Co.	0	9000	4200
Snake River Valley	15000	27643	12909
Blackfoot Canal Co.	0	15033	7020 (d)
Peoples Canal Co.	8000	22519	10516
Aberdeen-Springfield	42685	41333	19306 (e)
Corbett Slough Co.	0	4000	1868
Trego Canal Co.	0	1462	685
Minidoka Irrig. Dist.	186030	50000	23350
Burley Irrig. Dist.	139780	0	50000
Milner Low Lift District	0	34113	15931 (f)
Twin Falls Canal Co.	97183	151185	70603
Hillsdale Irrig. Dist.	0	41146	19215
North Side Canal Co.	322007	278832	130215 (g)
American Falls D. surplus	0	278	128
Idaho Power Co.	0	45000	0
Gooding Project	0	400000	0
Total	847000	1266407	433593

(a) Does not include assignment from Enterprise Canal Co. of 900 ac.ft.
(b) Assigned 900 ac.ft. of this lease to Riley and 900 ac.ft. to Rudy.
(c) Does not include assignment from Enterprise Canal of 900 ac. ft.
(d)Assigned 2020 ac.ft. of this lease to Aberdeen-Springfield Canal Co.
(e)Does not include assignment from Blackfoot Canal of 2020 ac. ft.
(f)Assigned 9931 ac. ft. of this lease to North Side Canal Co.
(g)Does not include assignment of 9931 ac.ft.from Milner L.L.District.

HENRYS LAKE RIGHTS

Reservoir capacity, about 80,000 acre-feet.

Canal	% Ownership in reservoir.
Last Chance	15.3
St. Anthony Union	6.8
Salem Union	24.2
Egin	6.8
Independent	26.8
Consolidated Farmers	20.1

LAKE WALCOTT

Available capacity of about 97,000 acre-feet, all belonging to the Minidoka Project.

EMMA MATILDA & TWO OCEAN RESERVOIRS

These reservoirs usually yield about 1,800 acre-feet annually for use by the Utah-Idaho Sugar Company through the Osgood Canal. Their capacity, if filled, is reported to be about 5,000 acre-feet.

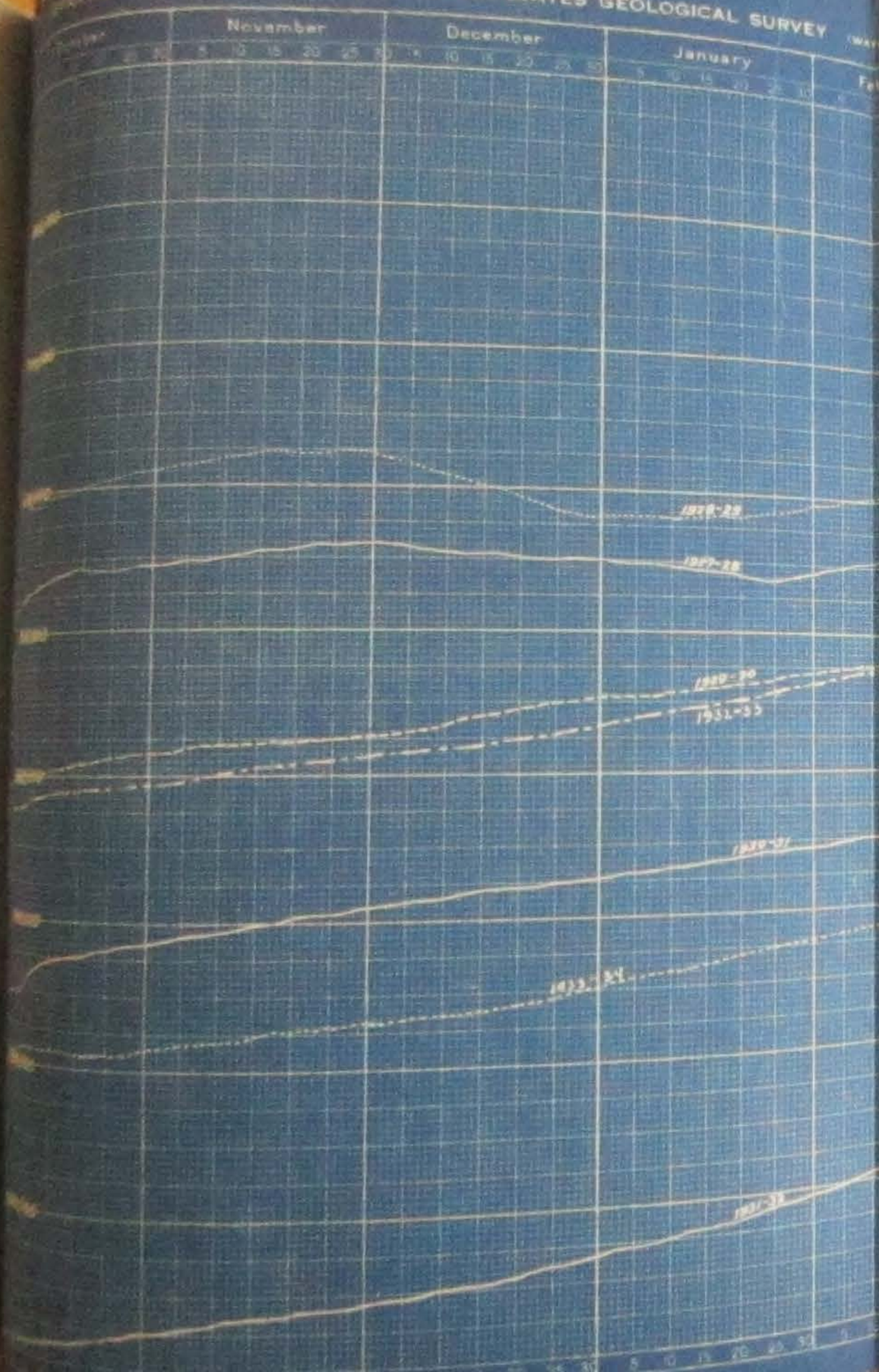
PLATE I

MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS

NO.	STATION
1	JACKSON LAKE AT MORAN, WYO.
2	SNAKE RIVER NR. MORAN, WYO.
3	SNAKE RIVER NR. HEISE, IDA.
4	SNAKE RIVER NR. SHELLEY, IDA.
5	SNAKE RIVER NR. BLACKFOOT, IDA. (BLACKFOOT BRIDGE)
6	SNAKE RIVER AT CLOUGH RANCH NR. BLACKFOOT, IDA.
7	AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDA.
8	SNAKE RIVER AT NEELEY, IDA.
9	LAKE WALCOTT NR. MINIDOKA, IDA.
10	SNAKE RIVER NR. MINIDOKA, IDA.
11	NORTH SIDE CANAL NR. MINIDOKA, IDA.
12	SOUTH SIDE CANAL NR. MINIDOKA, IDA.
13	LAKE MILNER AT MILNER, IDA.
14	NORTH SIDE TWIN FALLS CANAL AT MILNER, IDA.
15	GOODING CANAL AT MILNER, IDA.
16	P.A. LATERAL NR. MILNER, IDA.
17	SOUTH SIDE TWIN FALLS CANAL AT MILNER, IDA.
18	MILNER LOW LIFT NR. MILNER, IDA.
19	SNAKE RIVER AT MILNER, IDA.
20	HENRYS FORK NR. LAKE, IDA.
21	HENRYS LAKE NR. LAKE, IDA.
22	HENRYS FORK AT WARM RIVER, IDA.
23	HENRYS FORK NR. ASHTON, IDA.
24	FALL RIVER NR. SQUIRREL, IDA.
25	FALL RIVER NR. CHESTER, IDA.
26	HENRYS FORK AT ST. ANTHONY, IDA.
27	TETON RIVER NR. ST. ANTHONY, IDA.
28	HENRYS FORK NR. REXBURG, IDA.
29	BLACKFOOT RIVER NR. BLACKFOOT, IDA.
30	HENRYS FORK NR. ISLAND PARK, IDA.

DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR JACKSON LAKE RESERVOIR BEGINNING

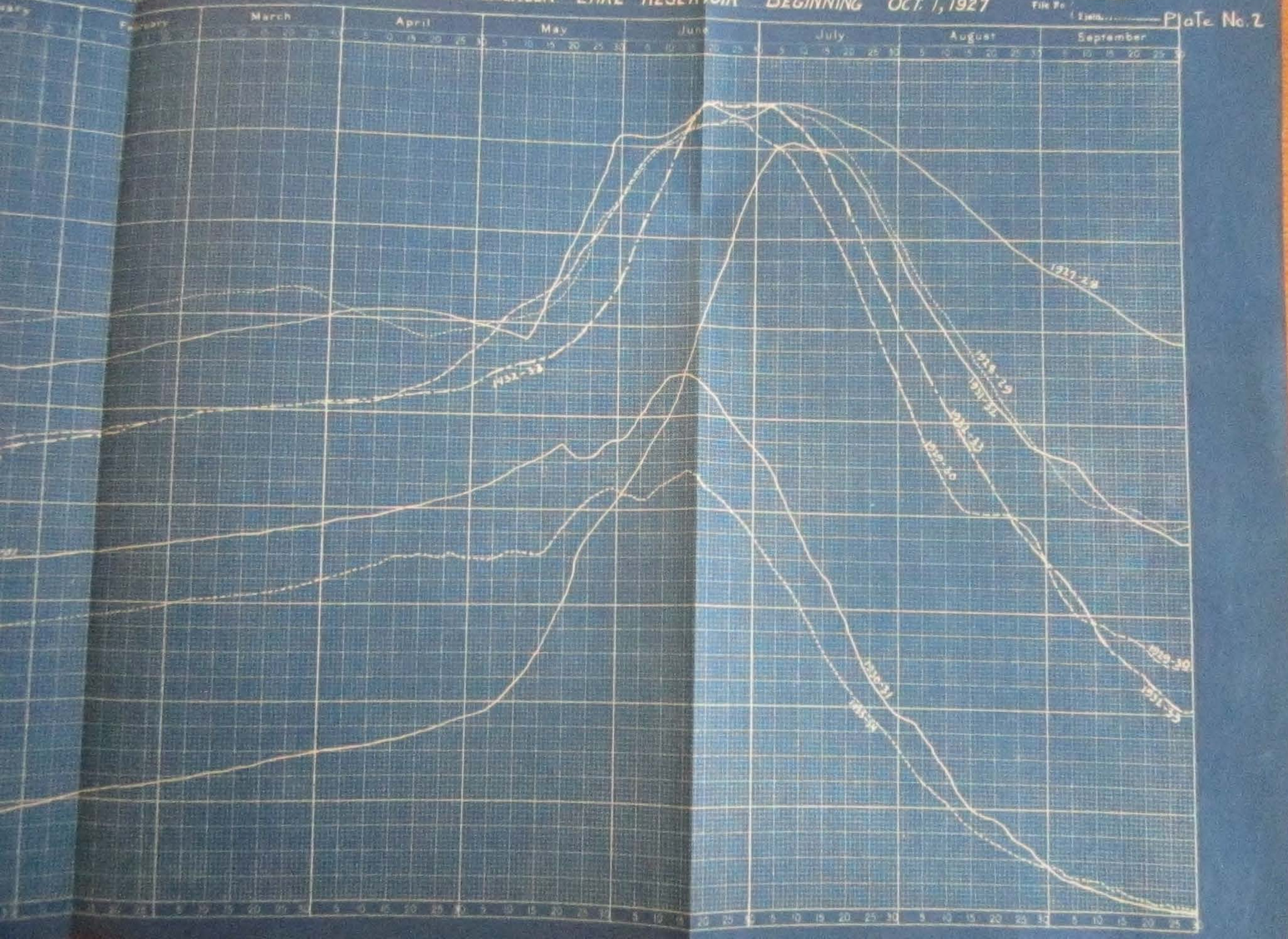


AL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR JACKSON LAKE RESERVOIR BEGINNING OCT. 1, 1927

File No. { Washington.....
{ Idaho.....

PLATE No. 2



DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING MA

November December January February March April May June July

1927 - 1928

1928 - 1929

1930 - 1931

1929 - 1930

1932 - 33

1933 - 34

1926 - 1927

1931 - 1932

1934

OLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING MARCH 1, 1926

File No. { Washington
Field Plate No. 3

January | February | March | April | May | June | July | August | September

1927 - 1928

1925 - 1927

1927 - 1928

1928 - 1929

1929 - 1930

1930 - 1931

1931 - 1932

1926 - 1927

ANNUAL RUNOFF IN MILLIONS OF ACRE-FEET

1896	6,440,000											
1897	7,330,000											
1898	5,820,000											
1899	7,510,000											
1900	No Record											
1901	5,090,000											
1902	5,440,000											
1903	8,350,000											
1904	7,380,000											
1905	4,130,000											
1906	5,430,000											
1907	8,510,000											
1908	6,770,000											
1909	8,540,000											
1910	7,230,000											
1911	7,080,000											
1912	6,040,000											
1913	8,600,000											
1914	7,550,000											
1915	4,950,000											
1916	6,820,000											
1917	8,120,000											
1918	7,590,000											
1919	4,610,000											
1920	5,930,000											
1921	6,770,000											
1922	6,020,000											
1923	5,630,000											
1924	5,900,000											
1925	6,290,000											
1926	4,789,000											
1927	8,270,000											
1928	6,743,000											
1929	8,770,000											
1930	4,444,000											
1931	3,797,000											
1932	4,695,000											
1933	1,011,000											
1934	2,548,000											

Average 6,030,000

Note: Runoff totals are for climatological year ending Sept. 30th, and are corrected for diversions. Adjusted to 1930 Development

(Prepared by U.S. Geological Survey in cooperation with the California Department of Public Works, Division of Water Resources)

ANNUAL RUNOFF IN HUNDREDS OF THOUSANDS OF ACRE-FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1,307,910	1904
779,520	1905
893,220	1907
1,305,000	1908
1,123,600	1909
1,144,300	1910
1,238,070	1911
1,345,790	1912
774,110	1913
1,436,000	1914
1,139,360	1915
770,130	1916
1,222,180	1917
1,238,040	1918
1,248,200	1919
685,190	1919
993,105	1920
1,047,370	1921
1,006,850	1922
944,500	1923
647,730	1924
1,328,000	1925
761,000	1926
1,417,000	1927
1,331,000	1928
845,000	1929
794,000	1930
576,000	1931
992,000	1932
870,000	1933
628,000	1934

Average 1,053,000

Note: Runoff totals are for climatological year ending Sept 30 and are corrected for Jackson Lake Reservoirs

SUMMARY OF ANNUAL RUNOFF OF SNAKE RIVER AT MORAN, WYO.

PLATE NO. 5

DAILY DISCHARGE IN SEC. FT OF SNAKE RIVER CANALS FOR APRIL 1935

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
ATLEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDERSON	151	155	140	143	131	133	303	328	333	330	330	333	334	408	418	421	421	421	421	421	421	421	421	421	421	421	421	421	421	421	12126
BATTLE ROCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS FRIEND	185	185	190	148	140	208	272	272	311	314	149	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	9465
ENTERPRISE	20	0	40	20	30	30	30	30	30	30	30	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	930
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MATTSON - CRAIG	3	3	3	3	4	4	4	7	7	7	7	5	7	8	9	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	176
ARNDBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	14	16	17	22	32	18	20	19	19	42	48	40	55	55	0	0	0	17	16	36	15	20	0	0	0	0	0	0	0	0	576
ROSS & RAND	3	3	3	3	4	5	5	7	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRISON	69	64	165	175	178	183	198	305	309	313	309	305	305	385	385	470	470	474	481	469	481	481	481	481	481	481	481	481	481	481	13455
CHENEY	0	0	0	0	0	0	0	0	0	0	7	6	6	7	7	7	7	7	6	6	6	7	7	7	7	7	7	7	7	7	194
BOOMER	0	0	14	14	14	14	14	14	14	14	169	181	184	184	187	194	20	16	14	10	10	10	10	10	10	10	10	10	10	10	1581
RUDY	76	81	92	112	168	168	130	148	160	170	168	168	142	141	142	141	140	140	140	141	143	143	143	143	143	143	143	143	143	143	3953
KITE & NORD	0	0	0	0	0	0	0	0	0	0	7	8	8	10	12	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	157
BURGESS	379	379	393	387	379	402	587	618	623	614	609	614	631	642	635	639	635	639	639	631	635	635	635	635	635	635	635	635	635	635	17656
CLARK & EDWARDS	18	18	20	20	44	46	46	44	44	44	44	44	70	0	0	0	64	70	70	70	67	67	67	67	67	67	67	67	67	67	1415
LOWDER	10	5	5	5	5	2	4	10	15	15	21	25	29	28	28	30	25	27	29	28	28	32	32	32	32	32	32	32	32	32	406
JENNINGS	0	1	1	1	1	0	0	0	2	2	3	8	6	10	7	7	6	9	10	9	9	9	9	9	9	9	9	9	9	9	161
EAST LABELLE	20	43	48	48	51	53	54	48	46	47	43	55	56	63	66	106	101	104	101	102	104	105	105	105	105	105	105	105	105	105	1485
SUNNYDELL	48	49	70	78	87	87	87	84	84	78	84	89	89	85	78	89	91	91	89	89	89	91	91	91	91	91	91	91	91	91	1935
LENROOT	50	63	63	63	17	17	17	17	24	30	24	17	17	17	36	34	40	44	44	43	44	44	44	44	44	44	44	44	44	44	954
REID	0	0	0	0	23	50	70	91	108	135	138	150	153	156	156	156	150	150	141	150	150	150	150	150	150	150	150	150	150	150	2237
TEXAS FEEDER	17	17	25	30	128	135	142	149	149	149	137	125	164	208	208	247	255	275	279	279	279	279	279	279	279	279	279	279	279	279	3868
NELSON COREY	2	2	2	2	0	0	2	3	4	6	6	6	10	14	14	18	15	17	17	14	13	14	14	14	14	14	14	14	14	14	181
HILL PETTINGER	5	5	5	5	0	0	0	1	2	1	2	1	2	1	2	1	2	1	2	1	0	2	2	2	2	2	2	2	2	2	41
RIGBY	6	6	6	6	54	98	116	145	149	153	157	160	142	155	150	158	153	157	153	149	149	152	152	152	152	152	152	152	152	152	3552
DILTS - ISLAND	100	110	120	150	161	110	105	105	108	111	108	105	105	100	194	179	179	179	182	192	196	198	198	198	198	198	198	198	198	198	3097
W. LABELLE - LONG ISLAND	260	266	270	280	304	296	288	290	294	318	356	395	448	502	513	502	502	502	497	497	497	502	502	502	502	502	502	502	502	502	8514
PARKS & LEWISVILLE	140	149	154	160	226	225	230	217	248	276	300	312	350	326	182	258	214	223	220	223	226	224	224	224	224	224	224	224	224	224	5218
NORTH RIGBY	40	40	40	40	40	40	38	38	38	42	44	46	46	46	50	50	48	50	50	50	50	50	50	50	50	50	50	50	50	50	875
WHITE	4	4	4	4	5	4	3	2	1	1	2	3	5	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	107
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	5	5	5	5	3	5	3	3	3	3	3	3	3	3	3	92
BRAMWELL	0	0	0	0	11	11	11	11	8	6	4	2	0	13	14	13	13	11	11	11	11	9	9	9	9	9	9	9	9	9	177
BUTTE & MARKET LAKE	161	161	169	177	185	194	210	238	246	271	246	278	260	274	258	301	296	290	284	277	275	273	273	273	273	273	273	273	273	273	6987
OSGOOD	50	50	50	50	52	55	57	59	61	49	37	39	41	40	40	40	40	42	100	105	105	100	100	100	100	100	100	100	100	100	2262
BEAR ISLAND	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SMITH	0	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
KENNEDY	37	37	34	30	22	14	14	14	14	20	27	32	38	34	30	25	34	44	35	26	26	26	26	26	26	26	26	26	26	26	615
IDAHO	300	310	320	332	436	581	592	604	616	704	704	734	886	948	1010	963	946	963	871	869	809	749	749	749	749	749	749	749	749	749	15230
GREAT WESTERN	56	56	86	103	108	110	113	113	123	180	214	134	134	167	268	338	410	408	394	394	352	327	327	327	327	327	327	327	327	327	4678
PORTER	24	24	24	35	34	32	32	33	34	34	184	54	63	63	140	147	167	167	165	163	16	164	164	164	164	164	164	164	164	164	1878
COY & KELLAR	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	7
WOODVILLE	0	0	0	0	0	0	0	0	0	0	20	18	16	80	80	81	82	80	78	79	79	80	80	80	80	80	80	80	80	80	716
SNAKE RIVER VALLEY	160	170	180	200	215	230	238	246	252	232	210	204	182	221	210	204	203	204	205	207	207	208	208	208	208	208	208	208	208	208	4594
TOTAL HEISE TO SHELLEY	2387	2482	2735	2866	3170	3682	3814	4184	4483	4736	5049	5083	5298	5640	5801	6191	6132	6401	6324	6302	6229	6290	6290	6290	6290	6290	6290	6290	6290	6290	164340
RESERVATION	143	87	94	99	88	0	0	0	0	0	0	0	0	0	169	430	461	483	514	506	488	506	506	506	506	506	506	506	506	506	4078
BLACKFOOT	0	0	0	0	80	142	0	0	0	180	219	247	234	0	184	361	331	365	370	356	341	356	356	356	356	356	356	356	356	356	3806
NEW LAVA SIDE	46	81	80	74	81	77	80	80	80	85	80	80	81	80	144	80	82	83	80	82	80	140	140	140	140	140	140	140	140	140	1815
PEOPLES	24	24	24	24	24	24	24	24	24	73	85	90	24	24	24	310	309	518	514	513	509	485	485	485	485	485	485	485	485	485	1403
ABERDEEN-SPRINGFIELD	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461	438	518	641	650	650	650	650	650	650	650	650	650	650	650	2167
CORBETT	0	89	70	104	84	70	75	72	77	96	103	106	92	111	131	126	129	135	144	136	121	135	135	135	135	135	135	135	135	135	86
NIELSEN HANSEN	0	2	0	2	0	0	0	0	0	0	0	0	4	9	11	11	10	9	15	5	3	4	4	4	4	4	4	4	4	4	1956
RIVERSIDE	0	70	70	89	88	84	100	83	92	92	99	98	94	99	100	103	100	97	103	98	89	89	89	89	89	89	89	89	89	89	2744
DANSKIN	10	0	76	100	145	73	151	134	134	130	150	164	150	132	130	138	116	97	93	99	90	104	104	104	104	104	104	104	104	104	3444
FREDD	0	0	0	0	0	0	0	0	49	61	63	36	0	0	73	72	68	76	63	59	0	0	0	0	0	0	0	0	0	0	625
WEARY BICK	0	0	0	36	39	19	23	28	34	33	32	33	19	28	46	33	37	44	37	34	42	34	34	34	34	34	34	34	34	34	1129
WATSON	4	0	61	91	55	0	10	33	104	97	93	19	60	0	122	37	39	40	37	39	41	39	39	39	39	39	39	39	39	39	1334
PARSONS	0	0	0	0	0	0	0	0	37	32	0	2	8	10	34	43	33	34	33	40	33	33	33	33	33	33	33	33	33	33	1033
TOTAL SHELLEY TO CLOUGH	402	353	442	581	651	401	477	487	612	844	886	829	810	965	1061	1965	2424	2591	2695	2579	2410	2563	2563	2563	2563	2563	2563	2563	2563	2563	28651

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR MAY 1934

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
[illegible]	9	0	2	0	0	0	0	21	21	32	32	32	31	32	20	14	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	433	426	425	425	429	413	432	449	421	415	433	431	441	407	407	396	374	353	359	359	392	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	340	222	281	191	191	192	208	190	194	208	201	200	415	513	501	473	474	411	416	401	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FARMERS FRIEND	210	284	279	190	200	313	324	334	332	344	352	354	346	352	344	352	352	378	354	355	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENTERPRISE	14	121	121	121	121	121	189	189	189	190	189	189	184	185	189	121	115	8	6	6	8	121	121	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NELSON	0	0	0	0	0	0	4	4	0	0	0	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	[illegible]
MATTSON & CRAIG	5	0	0	0	0	0	0	0	21	22	19	21	21	21	21	30	16	16	16	16	10	7	8	8	8	8	7	7	7	7	7	[illegible]
RANSBERGER	2	2	3	3	4	4	4	4	5	5	5	4	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]
BUTLER ISLAND	38	36	36	36	32	33	40	36	38	54	54	55	56	56	55	55	51	55	54	55	26	51	51	51	50	44	52	52	52	0	0	1307
ROSS & RAND	6	3	3	3	3	3	3	3	2	5	5	3	4	3	3	3	0	0	0	0	4	3	4	4	3	3	3	0	0	0	0	[illegible]
STEELE	8	8	8	8	8	8	8	8	8	8	7	7	7	8	8	7	7	7	7	7	3	4	3	3	3	7	7	7	7	7	7	210
HARRISON	370	365	374	367	351	355	412	454	458	470	454	458	454	470	460	470	8	7	7	8	481	481	481	481	468	468	464	468	8	8	8	10588
CHENEY	7	6	6	6	6	6	7	6	7	7	6	6	6	6	6	6	7	6	7	7	6	5	6	6	2	2	2	2	2	2	6	166
BOOMER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	12	12	12	14	14	14	14	14	14	338
RUDY	138	135	135	135	125	136	148	146	148	147	143	145	145	143	144	142	142	143	141	142	144	144	144	143	143	143	141	134	138	138	137	4377
KITE & NORD	4	4	4	4	4	3	2	5	6	8	7	6	6	5	5	5	5	6	6	0	0	0	0	0	0	0	5	5	5	5	5	120
BURGESS	644	635	644	644	644	644	652	804	804	804	809	809	796	809	804	804	648	648	648	648	652	652	644	50	40	40	35	639	652	644	648	15035
CLARK & EDWARDS	73	68	67	67	60	63	61	66	67	68	67	68	68	67	70	67	62	70	70	71	70	70	70	70	70	70	70	70	70	68	68	2107
LOWDER	24	24	24	24	24	22	22	44	34	39	39	39	41	39	36	37	36	38	18	18	8	8	8	3	3	1	3	53	53	53	53	873
JENNINGS	6	6	6	6	6	6	6	9	7	7	7	7	6	6	8	9	9	9	6	6	0	0	0	0	0	0	0	7	7	7	7	166
EAST LABELLE	104	106	99	97	79	82	83	91	82	85	85	85	85	131	127	120	137	137	137	136	135	136	136	125	124	124	124	120	120	119	118	3469
SUNNYDELL	87	42	87	87	87	87	84	114	124	144	134	130	128	130	160	87	87	87	85	87	85	92	92	92	92	0	0	0	0	0	101	2612
LENROOT	43	40	43	43	43	43	43	119	119	119	119	116	119	118	114	43	43	43	42	42	42	44	44	44	44	44	44	44	40	40	140	2024
REID	151	151	136	151	150	152	152	152	153	153	138	154	154	153	155	155	156	133	144	155	157	150	150	150	150	150	146	148	148	150	151	4648
TEXAS FEEDER	284	279	279	279	279	279	279	279	279	255	279	279	279	279	255	277	235	227	220	235	255	255	59	233	277	277	277	277	277	277	234	8039
NELSON-COREY	15	15	16	16	17	17	17	17	17	14	17	17	14	16	15	14	8	2	1	0	1	15	9	15	17	16	17	17	16	17	17	412
HILL-PETTINGER	1	2	1	2	3	3	3	3	3	4	5	7	7	7	7	6	4	2	0	0	0	4	3	5	5	4	5	5	5	5	5	116
RIGBY	158	157	153	145	129	147	153	148	146	151	160	154	154	160	159	155	159	159	159	159	159	152	150	154	160	160	160	0	0	0	0	4160
DILTS & ISLAND	198	194	192	192	175	177	192	190	192	208	200	0	194	182	179	188	194	194	194	194	190	0	0	0	0	0	196	175	196	196	210	4792
W. LABELLE & LONG ISLAND	502	508	502	502	443	443	454	448	464	502	481	562	481	448	470	443	437	508	513	518	491	491	513	529	529	529	529	400	416	521	521	15098
PARKS & LEWISVILLE	226	226	245	252	236	265	268	361	292	319	294	306	283	277	306	304	245	345	345	334	331	340	343	352	352	352	352	352	350	346	346	9495
NORTH RIGBY	50	50	49	49	45	45	45	47	47	47	45	45	45	46	46	45	44	45	45	45	45	44	45	51	51	51	51	50	48	50	50	1461
WHITE	7	7	6	6	5	6	5	5	5	6	6	6	6	6	5	5	4	6	6	6	6	5	6	6	6	6	5	5	4	5	5	173
ELLIS	3	3	3	3	1	1	2	1	1	1	1	1	3	2	3	2	5	5	5	5	3	5	5	5	5	5	5	3	4	5	5	101
BRAMWELL	10	9	9	9	5	5	6	4	4	5	3	4	9	7	10	8	12	12	12	12	9	9	8	11	11	11	10	8	10	10	10	262
BUTTE & MARKET LAKE	271	254	238	238	238	244	250	255	262	270	272	273	278	283	289	320	318	0	0	0	0	0	0	0	0	0	0	0	0	0	300	4853
OSGOOD	100	100	100	55	55	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	0	0	0	0	0	0	0	110	110	110	110	2500
BEAR ISLAND	0	0	2	1	3	0	3	3	0	2	3	3	0	3	3	3	3	3	0	0	0	1	2	2	3	1	0	3	3	3	0	56
SMITH	0	0	0	0	0	0	2	1	0	1	2	1	0	2	1	1	1	0	0	0	0	1	0	1	0	1	0	1	1	0	0	17
KENNEDY	27	28	28	32	45	46	48	44	48	48	38	29	28	28	27	34	34	34	34	34	37	34	30	28	27	24	30	32	32	0	0	998
IDAHO	749	704	587	587	601	601	719	734	855	855	982	989	982	989	989	989	989	989	604	604	575	553	545	533	550	550	596	610	598	613	564	22385
GREAT WESTERN	389	387	387	387	387	387	386	387	384	384	382	381	386	402	400	406	400	394	389	384	376	370	368	394	395	403	404	84	0	0	0	10583
PORTER	165	160	154	158	162	164	166	168	164	160	162	163	164	164	165	164	162	161	160	160	159	157	157	155	168	168	168	0	0	0	0	4378
COY & KELLER	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	7
WOODVILLE	81	83	84	79	74	76	78	79	79	79	81	83	81	80	80	73	66	66	0	0	0	0	0	63	64	66	70	74	78	80	81	1980
SNAKE RIVER VALLEY	208	330	461	386	180	342	527	644	661	657	641	624	647	651	643	471	210	16	0	0	200	264	268	263	267	273	274	274	275	281	282	11330
TOTAL HEISE TO SHELLEY	6183	6201	6244	6047	5860	6116	6620	7048	7188	7524	7464	7541	7465	7705	7900	7420	6430	5874	5545	5341	5944	5836	5623	5509	5376	4946	5180	5194	4651	4632	5342	182148
RESERVATION	524	576	567	555	564	578	610	623	621	621	544	587	576	584	574	440	474	415	418	448	456	420	343	352	365	396	414	408	457	463	511	15704
BLACKFOOT	354	353	243	331	331	331	336	334	355	360	349	337	331	354	357	361	359	341	0	321	294	296	354	344	0	0	0	0	145	360	310	8480
NEW LAVA SIDE	152	118	116	116	115	117	152	144	157	150	150	156	150	150	144	144	149	0	0	0	0	80	80	80	78	78	77	78	147	150	152	3393
PEOPLES	425	425	435	415	425	425	436	435	425	425	425	433	431	455	425	425	425	0	0	0	0	425	437	425	444	441	444	441	215	288	448	11209
ABERDEEN-SPRINGFIELD	701	1030	1060	1140	1190	1190	1250	1250	1240	1240	1250	1250	1260	1260	1250	1140	586	808	848	848	836	163	0	0	345	575	555	601	548	548	550	27072
CORBETT	135	141	141	100	98	109	116	144	158	162	140	134	125	128	98	81	0	71	100	139	137	0	153	140	0	0	0	0	113	125	139	3203
NIELSEN-HANSEN	6	10	9	9	9	11	14	11	11	12	12	11	10	13	12	4	0	11	17	19	14	13	14	12	15	8	12	14	14	11	12	350
RIVERSIDE	97	97	98	93	93	95	102	108	104	111	110	108	108	108	105	96	50	103	104	110	109	108	108	106	107	97	110	109	109	112	112	3189
DANSKIN	168	171	162	138	142	163	180	199	197	197	185	177	171	168	161	135	0	144	178	181	171	167	170	168	180	124	154	174	182	174	114	4446
TREGO	0	0	0	0	68	71	69	70	70	34	77	71	67	64	65	64	0	66	69	0	0	0	77	0	0	0	0	0	0	0	68	1081
WEARYRICK	58	54	31	30	25	28	28	31	36	37	43	45	44	63	59	41	0	40	40	66	33	54	47	47	37	27	45	32	69	53	34	1347
WATSON	120	104	117	104	61	110	120	129	122	135	127	115	111	100	97	84	0	102	97	134	120	120	106	108	69	33	106	131	132	113	38	3131
PARSONS	33	30	34	31	12	30	32	34	38	34	34	34	31	29	28	33	0	30	32	31	33	33	32	31	5	0	36	33	33	34	4	837
TOTAL SHELLEY TO CLOUGH	2764	2900	3033	3092	3133	3256	3464	3510	3541	3513	3446	3454	3430	3463	3390	3146	1543	1462	1832	1341	2333	1870	1470	1815	1425	1711	1863	1643	1336	1424	1531	83387

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STREAM	Apr 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May 1	2	3	4	5	6	7	8
Big Jimmy Cr.	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	32	32	32	32	32	32	32	32	32	31	31	31
Portneuf River inflow below Pocatello	323	323	322	322	320	318	316	314	312	310	308	306	304	302	300	298	296	294	292	290	288	286	284	282	280	279	279	278	278	278	278	278	279	279	280	280	278	278
Big Spring Cr.	415	415	415	415	414	414	414	414	413	413	413	413	412	412	412	411	411	411	411	411	410	410	410	410	409	409	409	409	408	408	408	408	407	407	407	407	407	406
Clear Creek	131	131	131	131	131	130	130	130	129	129	129	128	128	128	127	127	127	126	126	126	125	125	125	124	124	124	123	123	122	122	122	121	121	121	121	121	121	120
Ford Creek	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Kinney Creek	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Wide Creek	65	64	64	64	63	63	63	62	62	62	61	61	61	60	60	60	59	59	59	58	58	58	57	57	57	57	56	56	56	56	56	56	56	56	56	56	57	57
Pyle Creek	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
McTucker Spg.	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Hull Spg.	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Tanner Spg.	1	1	1	1	1	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Portneuf R. at Pocatello	94	93	91	90	86	84	81	79	74	63	61	59	54	52	64	50	54	55	54	50	47	46	44	46	45	49	54	58	53	54	49	54	58	58	58	56	54	54
Crystal ditch	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	11	11	11
Crystal Waste	24	24	24	24	24	23	23	23	22	22	22	21	21	21	20	20	20	19	19	19	18	18	18	18	17	17	17	16	16	16	16	15	15	15	14	14	14	13
Danielson Spgs.	44	44	44	44	44	43	43	42	42	42	41	41	40	40	40	39	39	38	38	38	37	37	36	36	35	35	35	34	34	33	33	34	34	34	34	34	34	34
Artesian Spg.	6	6	6	6	6	5	5	5	5	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
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Triple Cr.	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
Bannock Cr.	26	26	26	26	25	24	23	21	20	18	16	14	12	10	8	7	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
Ruegar Spg.	23	23	23	23	23	23	23	23	23	23	23	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
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Unmeasured inflow	1283	1280	1277	1275	1272	1269	1266	1264	1261	1258	1256	1254	1251	1249	1246	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1230	1229	1229	1229	1228	1228	1227	1226	1225
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INFLOW

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INFLOW TO AMERICAN FALLS RESERVOIR

Second-feet

1934

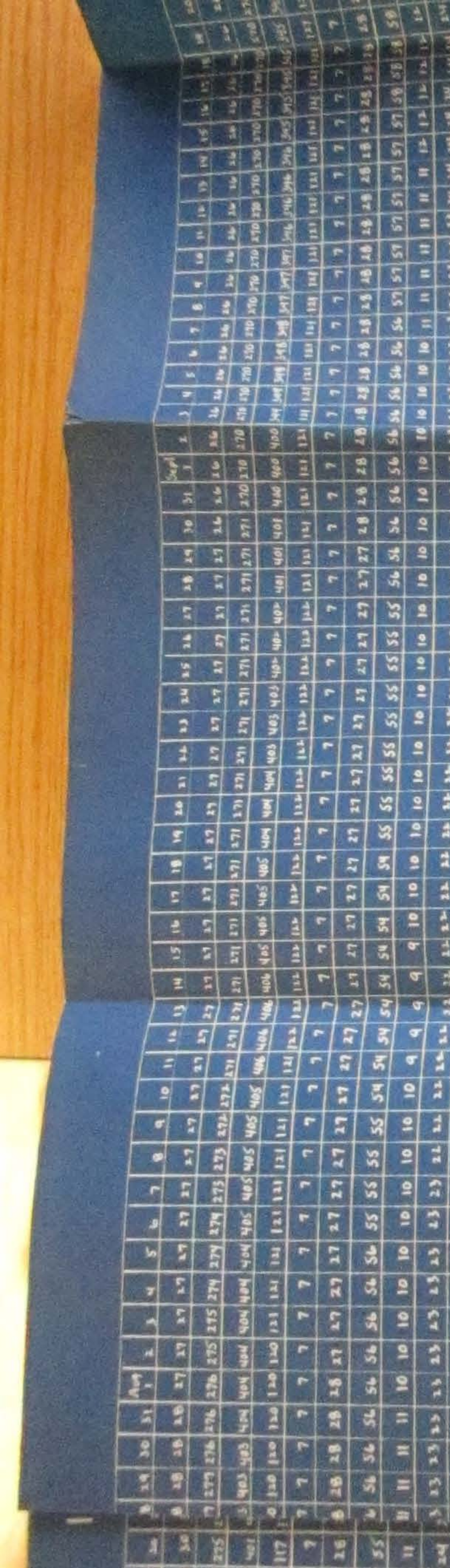

PLATE 10A

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DATE 1934	JACKSON LAKE Cont. Ac.-Ft.	MORAN STOR.	MORAN NORM.	MORAN TOTAL	TWIN LAKES DISCH.	SLIDE LAKE DISCH.	TOTAL MORAN +TWIN LAKES +SLIDE LAKE all Storage	MORAN HEISE LOSS STORED
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4	331460			24				
5	332540			28				
6	333630			29				
7	334710			36				
8	335800			44				
9	337100			40				
10	338620			41				
11	340140			46				
12	342310			40				
13	344000			394				
14	348170	-880	1970	1090			-880	-33
15	349920	-330	1790	1460			-330	-A
16	350570	260	1500	1760			260	6
17	349480	-30	1610	1580			-30	-1
18	349920	-330	1730	1400			-330	-8
19	350570	-270	1960	1690			-270	-7
20	351010	220	2050	2270			220	6
21	350570	0	2720	2720			0	0
22	350570	330	3000	3330			330	8
23	349720	0	3430	3430			0	0
24	349920	-240	3400	3160			-240	-6
25	349820	-480	3600	3120			-480	-12
26	351890	270	2910	3180			270	7
27	350990	540	2800	3340			540	14
28	349920	440	2900	3346			440	11
29	348390	140	3150	3290			140	3
30	348390	50	3250	3300			50	1
MAY 1	348600	330	3100	3430			330	8
2	347950	380	3050	3430			-380	10
3	346870	-220	3540	3320			-220	-6
4	347300	-220	3570	3370			-220	-6
5	347740	-770	4340	3570			-770	-19
6	349260	-1440	5290	3850	20		-1420	-35
7	352110	-1440	5740	4300	20		-1420	-35
8	354960	0	4910	4910	20		20	0
9	354960	-220	5020	4800	20		-200	-5
10	355480	330	4170	4500	20		350	9
11	354740	110	4290	4400	20		130	3
12	354520	330	3930	4260	20		350	9
13	353860	500	3500	4000	20		520	13
14	352110	-160	3550	3390	20		-140	-4
15	351890	-1870	1950	2060	20		-1870	-47
16	356500	-3309	3730	421	20		-3287	-82
17	363070	-3425	3490	65	20		-3405	-85
18	369870	-3337	3400	61	20		-3319	-83
19	376950	-3344	3300	56	20		-3324	-81
20	382280	-3144	3200	56	20		-3124	-78
21	385580	-2848	2900	52	20		-2828	-71
22	385140	-2748	2800	52	20		-2728	-68
23	400730	-2454	2600	146	20		-2434	-61
24	405200	-2263	2600	337	20		-2242	-56
25	402890	-2071	2400	329	20		-2051	-51
26	414140	-1739	2400	680	20		-1700	-42
27	417290	-1354	2200	846	20		-1334	-33
28	420450	-1032	2020	988	20		-1012	-25
29	432480	-220	1830	1610	20		-200	-5
30	427700	680	1770	2450	20		700	17
31	421120	1300	1920	3220	20		1320	33
JUN 1	417470	980	1840	2820	20		1000	25
2	416390	680	1690	2370	14		694	17

SWAN VALLEY STORAGE DIVERSION	DATE 1934	HEISE + RILEY STOR.	HEISE + RILEY NORM.	HEISE + RILEY TOTAL	DIV. HEISE - SHELLEY STOR.	DIV. HEISE - SHELLEY NORM.	DIV. HEISE - SHELLEY TOTAL	HEISE TO SHELLEY LOSS STORED	REXBURG
	APR 4			3030					200
	5			2940					200
	6			2850					200
	7			2850					200
	8			3010					200
	9			3340					202
	10			3540			3387		205
	11			3850			2462		249
	12			4300			2725		268
	13			4450			2864		244
	14			4610			3370		268
	15	-820	5748	5098			3681		295
	16	-322	5832	5610			3814	-48	315
	17	254	5416	5670			4284	-14	347
	18	-29	5829	5800			4483	12	534
	19	-322	5912	5590			4538	-1	495
	20	-263	6363	6100			5044	-14	445
	21	214	6656	6870			5063	-15	650
	22	0	7808	7808	8	5681	5479	10	690
	23	322	8246	8568	8	5822	5808	0	716
	24	0	9094	9094	24	4267	4271	16	795
	25	-234	9491	9257	27	6785	6732	-11	682
	26	-468	9809	9341	21	6675	6696	-23	696
	27	243	8368	8631	92	6317	6909	13	721
	28	544	8012	8558	84	6892	6124	20	624
	29	449	8195	8644	80	6122	6282	22	365
	30	137	8687	8824	75	6049	6124	7	319
	MAY 1	49	8735	8784	75	6108	6183	2	347
	2	322	8688	9010	71	6130	6201	16	339
	3	370	8490	8860	58	6336	6394	18	331
	4	-214	9034	8820	33	6064	6097	-10	339
	5	-214	9374	9160	40	5820	5860	-10	337
	6	-751	10851	10100	20	6096	6116	-37	337
	7	-1385	12885	11500	8	6213	6220	-68	449
	8	-1385	14007	12622	-5	7103	7098	-68	590
	9	20	13401	13421	17	7227	7288	1	585
	10	-195	13217	13022	38	7486	7524	-10	570
	11	341	11481	11822	30	7634	7664	17	476
	12	127	11395	11522	21	7520	7541	6	418
	13	341	11181	11522	8	7657	7665	17	437
	14	507	10115	10622	-8	7713	7705	25	472
	15	-136	10006	9870	122	7678	7800	-7	383
	16	-1823	11002	9179	130	7290	7420	-89	375
	17	-3207	11057	7850	-378	6258	6430	-156	371
	18	-3320	10852	7532	-1162	7041	5879	-162	371
	19	-3336	10828	7492	-1892	7287	5395	-158	359
	20	-3143	10765	7622	-2122	7548	5391	-159	367
	21	-3044	10698	7652	-1620	7214	5894	-147	363
	22	-2767	10193	7436	-1472	7308	5836	-135	369
	23	-2660	9895	7235	-1069	6692	5623	-130	371
	24	-2373	9575	7202	-1507	6814	5309	-116	367
	25	-2187	9509	7322	-1484	6860	5376	-107	354
	26	-2000	9220	7220	-1905	6857	4946	-98	357
	27	-1658	8998	7340	-1686	6876	5190	-81	343
	28	-1301	8788	7487	-1386	6583	5199	-64	339
	29	-987	8577	7590	-2007	6638	4631	-48	335
	30	-195	7865	7670	-2122	6744	4632	-10	335
	31	683	7702	8385	-1174	6568	5392	33	335
	JUN 1	1287	7491	8778	-1323	6664	5341	43	347
	2	975	7494	8469	-981	6512	6031	48	355
	3	677	6899	7576	-258	6896	5638	33	355

DATE 1934	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOT.
APR 3			1
4			1
5			1
6			1
7			1
8			1
9			1
10			1
11			1
12			1
13			1
14			1
15			1
16	-816	1796	1
17	-384	1396	1
18	242	938	1
19	-28	1338	1
20	-306	1396	1
21	-250	1095	1
22	204	876	1
23	-8	2178	2
24	298	2502	2
25	-24	2754	2
26	-359	3160	2
27	-464	3496	3
28	158	2882	3
29	434	2624	3
30	397	2633	3
MAY 1	55	3135	3
2	-28	3638	3
3	235	3115	3
4	294	3016	3
5	-237	3677	3
6	-244	3704	3
7	-334	4874	5
8	-1385	6155	7
9	-1312	6952	8
10	2	6308	8
11	-223	5787	7
12	296	4566	5
13	100	4450	5
14	316	4104	5
15	490	3150	4
16	-251	3101	3
17	-1884	4584	5
18	-2725	5163	6
19	-1996	4594	5
20	-1184	3826	4
21	-812	3472	4
22	-1277	3657	4
23	-1150	3350	4
24	-1446	3401	4
25	-1210	3800	5
26	-596	2826	3
27	3	2357	2
28	109	2641	3
29	147	2563	3
30	1048	1682	3
31	1937	1153	3
JUN 1	1826	1400	3
2	2547	1085	4
3	1405	1468	3
4	982	1946	3

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING ST

SHELLEY			DIV. SHELLEY - BL. BR.			SHELLEY TO BL. BR LOSS STORED	THEORETICAL BALANCE STORED BLACKFOOT RS.	BLACKFOOT RIVER
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
		1330						210
		1050						175
		860						130
		805						113
		690			482			60
		716			353			13
		900			442			14
		812			581			8
		755			651			2
		745			491			3
		745			477			0
-814	1746	930			447	-49	-767	0
-306	1396	1090			612	-18	-288	0
242	938	1180			899	15	227	0
-28	1238	1210			806	-2	-24	0
-304	1394	1090			879	-18	-288	0
-250	1045	795			810	-15	-235	0
304	876	1080			445	12	192	0
-8	2178	2170			1081	0	-8	0
298	2502	2800			1949	18	280	0
-24	2754	2730			2430	-1	-23	0
-250	3160	2910			2391	-15	-235	0
-466	3696	3230			2443	-28	-438	0
158	2882	3040			2679	9	149	0
436	2524	2960			2610	24	410	0
-347	2693	3040			2663	21	326	0
55	3135	3190			2766	3	52	0
-28	3598	3570			2901	-2	-24	1
235	3115	3350			3013	14	221	1
294	3016	3310			3072	18	276	0
-237	3677	3440			3123	-14	-223	1
-244	3904	3660			3259	-15	-229	15
-734	4874	4140			3444	-44	-690	0
-1325	6155	4830			3520	-80	-1245	0
-1312	6952	5640			3542	-79	-1233	0
2	6308	6310			3513	0	2	0
-223	5783	5760			3496	-13	-210	0
294	4566	4860			3454	18	276	0
100	4450	4550			3439	6	94	0
316	4104	4420			3463	19	297	1
490	3150	3640			3390	29	441	2
-251	3101	2850			3146	-15	-236	2
-1884	4584	2700	-64	2407	2343	-110	-1710	1
-2725	5167	2440	-1235	3377	2142	-89	-1399	0
-1496	4396	2900	-1493	3445	1952	-30	-473	0
-1184	3824	2640	-1205	3548	2343	1	18	0
-812	3472	2660	-1287	3510	2223	28	447	0
-1277	3657	2380	-1488	3367	1879	13	198	0
-1150	3350	2200	-1545	3521	1976	24	371	0
-1461	3401	1940	-1151	2946	1815	-19	-291	0
-750	2800	2050	-1185	2830	1645	26	409	0
-576	2826	2250	-549	2330	1781	-3	-44	0
7	2352	2360	-285	2748	1963	17	271	0
109	2641	2750	-201	2994	2093	19	291	0
147	2563	2710	158	2098	2256	0	-11	0
1068	1682	2750	365	2038	2403	42	661	0
1337	1153	2490	806	1726	2532	68	1063	0
1826	1464	3290	1125	1412	2737	42	654	0
2247	1003	3250	1073	1270	2343	89	1385	0
1408	1682	3090	541	1238	1779	52	815	0
902	1948	2850	500	1132	1632	24	378	0

CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1934	AM. FALLS RESERVOIR Cont. Ac. Ft.	NEELEY			LAKE WALCOTT Cont. Ac. Ft.	MINIDOKA		
STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL		NORTH	SOUTH	
		772	2135	APR. 6	1 143 760	0	2240	2240		57250	457	0
		588	2871	7	1 143 680	0	2280	2280		57110	351	0
		388	3344	8	1 141 840	74	2554	2630		58870	367	0
		299	2536	9	1 140 450	516	2855	3370		91900	404	0
		237	3440	10	1 139 530	1063	2777	3840		94350	446	0
		149	2819	11	1 138 610	1172	2668	3840		94220	471	146
		169	2509	12	1 135 840	1162	2678	3840		94490	513	113
		175	2497	13	1 133 080	1168	2672	3840		94490	584	0
		158	2880	14	1 129 850	1292	2638	3930		96160	586	0
		136	2469	15	1 125 700	1505	2605	4110		94870	492	0
		134	2877	16	1 120 630	1493	2607	4320		95070	477	0
		136	2453	17	1 117 860	1772	2588	4360		95430	515	0
		144	2449	18	1 114 660	1797	2593	4390		95670	573	0
		134	2443	19	1 111 050	1783	2677	4460		95470	634	0
		124	2436	20	1 106 540	2050	2560	4610		95180	709	0
		124	2428	21	1 102 038	2098	2562	5650		94490	780	92
		124	2418	22	1 096 720	2338	2542	5880		94900	809	335
		124	2413	23	1 088 040	3703	2537	6240		93550	805	396
		124	2405	24	1 079 490	3931	2689	6460		93550	897	507
		127	2401	25	1 069 570	3937	2628	6460		94490	903	565
		127	2395	26	1 058 750	3908	2522	6430		94720	859	580
		127	2400	27	1 056 820	3923	2587	6500		95650	748	634
		131	2402	28	1 048 900	4077	2533	6610		94720	746	637
		134	2402	29	1 041 420	4384	2536	6920		94720	798	621
		137	2398	30	1 030 850	4511	2529	7040		94840	746	647
		136	2397	MAY 1	1 020 440	4507	2533	7040		94720	722	660
		147	2391	2	1 012 720	4462	2538	7000		94840	647	687
		161	2395	3	1 001 990	4444	2556	7000		94370	668	622
		179	2396	4	994 260	4385	2575	6960		95670	694	585
0	161	161	2392	5	986 110	4287	2583	6840		94430	720	570
0	149	149	2394	6	978 110	4317	2543	6920		94720	772	577
-229	373	144	2392	7	969 260	4115	2765	6880		94190	816	620
-690	837	147	2393	8	958 910	4000	3230	7230		91810	875	676
-1245	1424	179	2392	9	950 150	3654	3816	7470		91810	910	655
-1233	2057	824	2387	10	943 050	3226	4444	7670		91460	923	690
2	1638	1640	2376	11	936 140	3944	4014	7960		90290	958	727
-210	2290	2080	2377	12	931 290	3623	4667	8290		91110	990	760
276	1104	1380	2376	13	921 980	4940	3480	8420		91460	994	723
94	906	1000	2376	14	911 870	5138	3282	8420		92160	997	723
297	535	832	2375	15	901 360	5510	2910	8420		92860	999	781
441	173	614	2379	16	889 200	5908	2552	8460		93200	1000	781
133	140	273	2381	17	877 830	5899	2521	8420		94250	1010	794
21	140	161	2383	18	865 670	5937	2523	8460		94490	1000	77
21	140	161	2378	19	852 990	5812	2518	8330		94750	979	74
12	140	152	2371	20	838 510	5739	2511	8250		94830	997	71
15	140	155	2369	21	830 510	5701	2509	8210		94850	956	73
18	140	158	2366	22	819 950	5709	2504	8210		95180	919	73
23	140	163	2363	23	809 950	5707	2503	8210		95470	917	68
18	140	158	2360	24	797 720	5750	2500	8250		95470	921	6
15	140	155	2358	25	787 340	5542	2498	8040		95910	921	6
4	140	144	2352	26	778 320	4388	2492	6880		95550	915	6
7	140	147	2350	27	771 100	3750	2490	6240		95180	917	6
7	140	147	2348	28	764 250	3752	2488	6240		94890	914	6
12	140	152	2348	29	756 680	3712	2488	6200		94250	914	6
18	140	158	2348	30	748 440	3712	2488	6200		92780	910	6
21	140	161	2346	31	742 840	4244	2486	6730		93090	915	6
15	140	155	2344	JUN. 1	731 260	5426	2484	7910		92630	897	6
23	140	163	2349	2	724 240	6011	2489	8500		94250	780	6
63	140	203	2349	3	709 440	6181	2489	8670		94950	718	6
446	140	586	2353	4	700 780	5547	2493	8040		97350	664	6
590	140	730	2360	5	691 900	4650	2500	7150		97960	578	6

GAGING STATIONS 1934

Sec. Ft. except as noted

LAKE LCOTT AC. FT.	MINIDOKA CANALS					HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.P. LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO.			TWIN FALLS CANAL CO			MILNER LOW LIFT			SHOSHONE
	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1934		GOODING STORAGE	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
97590	292	0	292	0	292	0	1830	1830	MAR 7	9.50	0			804	0	804	804	0	1310	1310	0	0	0	
97110	333	0	333	0	333	0	2660	2660	8	9.86	150			1010	0	1010	1010	0	1810	1810	0	0	0	
95970	362	0	362	0	362	568	2572	3140	9	10.02	378			969	22	891	969	0	1790	1790	0	0	0	
93990	404	0	404	0	404	572	2458	3030	10	10.00	542			625	84	541	625	0	1910	1910	36	0	36	
94350	440	0	440	73	367	510	2410	2920	11	10.10	564			421	21	400	421	0	2010	2010	37	0	37	
94220	471	196	667	558	108	360	2560	2920	12	10.12	549			489	9	480	489	0	2146	2146	38	0	38	
94490	583	112	695	695	0	372	2678	3050	13	9.86	567			369	54	315	369	7	2365	2372	36	0	36	
94490	586	0	586	586	0	108	2672	2780	14	9.94	586			324	20	304	324	162	2336	2498	36	0	36	
94490	592	0	592	592	0	412	2638	3050	15	9.95	562			318	8	310	318	112	2386	2498	36	0	36	
95020	592	0	592	592	0	625	2605	3230	16	9.86	561			321	15	306	321	171	2334	2505	37	0	37	
95430	519	0	519	519	0	873	2607	3480	17	9.84	602			329	23	306	329	254	2301	2555	37	0	37	
95670	573	0	573	573	0	1012	2588	3600	18	10.02	670			345	40	305	345	297	2288	2585	0	0	0	
95670	634	0	634	634	0	947	2593	3540	19	10.06	704			415	110	305	415	312	2388	2700	0	0	0	
95180	704	0	704	704	0	1148	2577	3740	20	10.02	750			391	288	303	591	366	2274	2640	0	0	0	
94490	780	92	872	872	0	1340	2560	3900	21	10.10	788		0	1070	768	302	1070	372	2238	2610	0	0	0	
93900	809	335	1144	1144	0	1946	2552	4500	22	10.14	803		0	1440	1140	300	1440	378	2232	2610	0	0	0	
93550	805	399	1204	1204	0	2158	2542	4700	23	10.00	870		85	1500	1225	300	1525	328	2342	2670	0	0	0	
93550	847	507	1354	1354	0	2003	2537	4540	24	9.82	861		33	1390	1075	298	1373	351	2275	2626	18	0	18	
94490	903	565	1468	1468	0	1991	2529	4520	25	9.68	857		51	1260	1014	297	1311	368	2232	2600	32	0	32	
94720	849	580	1429	1429	0	1998	2528	4520	26	9.82	859		57	1240	1000	297	1297	379	2231	2610	28	0	28	
95550	748	634	1382	1382	0	1998	2522	4520	27	9.82	864		58	1290	1051	297	1348	385	2225	2610	28	0	28	
94720	746	637	1383	1383	0	2203	2527	4730	28	9.82	861		55	1480	1158	297	1455	380	2230	2610	42	0	42	
94720	746	621	1367	1367	0	2267	2533	4800	29	9.84	864		57	1470	1229	298	1527	405	2235	2640	55	0	55	
94840	746	647	1393	1393	0	2984	2534	4920	30	9.93	864		58	1680	1440	298	1738	402	2238	2640	55	0	55	
94720	722	660	1382	1382	0	2851	2529	5380	MAY 1	9.90	864		58	1870	1430	298	1728	419	2221	2640	183	0	183	
94840	647	647	1294	1294	0	2947	2533	5480	2	9.94	866		58	1950	1718	298	2008	435	2235	2670	189	0	189	
94720	668	626	1294	1294	0	2872	2538	5410	3	9.78	859		58	1830	1589	299	1888	461	2239	2700	188	0	188	
95670	694	585	1279	1279	0	2704	2556	5260	4	9.84	859		55	1820	1584	301	1885	385	2255	2640	188	0	188	
95430	720	570	1290	1290	0	2735	2575	5310	5	9.81	861		58	1970	1725	302	2028	368	2277	2645	188	0	188	
94720	778	572	1344	1344	0	3137	2553	5690	6	9.86	877		58	2160	1918	300	2218	417	2253	2670	126	0	126	
94140	816	626	1442	1442	0	3277	2543	5820	7	9.80	899		58	2220	1978	300	2278	417	2243	2660	128	0	128	
91810	875	676	1551	1551	0	3105	2765	5870	8	9.70	919		58	2180	1912	324	2238	201	2439	2640	128	0	128	
91810	910	655	1565	1149	416	2740	3230	5970	9	9.82	938		58	2200	1878	380	2258	-200	2850	2650	126	0	126	
91460	923	690	1613	569	1044	2710	3400	6110	10	9.91	941		58	2220	1888	400	2288	-240	3040	2740	129	0	129	
90290	958	727	1685	1071	614	2770	3400	6190	11	9.96	954		52	2220	1872	400	2272	-240	3000	2710	129	0	129	
91110	990	740	1730	483	1247	2740	3400	6140	12	9.84	954		58	2170	1828	400	2228	-180	2980	2670	128	0	128	
91460	994	722	1716	1636	80	2870	3400	6270	13	10.08	963		59	2200	1859	400	2259	-10	3000	2990	128	0	128	
92168	997	722	1719	1719	0	2878	3282	6160	14	10.06	963		60	2180	1840	400	2240	-20	3080	2960	129	0	129	
92840	999	781	1780	1780	0	3090	2910	6000	15	10.04	963		60	2150	1824	386	2210	58	3074	2950	129	0	129	
93200	1000	787	1787	1787	0	3238	2552	5790	16	9.90	965		60	2080	1748	392	2140	257	3248	2880	129	0	129	
94250	1010	790	1800	1800	0	3539	2521	6060	17	9.96	939		60	2150	1910	300	2210	448	3257	2730	128	0	128	
94490	1000	771	1771	1771	0	3697	2523	6220	18	9.80	1000		61	2220	1984	297	2281	446	3324	2690	130	0	130	
94250	999	752	1751	1751	0	3672	2518	6190	19	9.81	1020		60	2250	2013	297	2310	474	3326	2708	130	0	130	
94020	997	719	1716	1716	0	3709	2511	6220	20	9.64	1020		60	2208	1964	296	2260	438	3337	2660	130	0	130	
94450	950	754	1704	1704	0	3651	2509	6160	21	9.87	1020		60	2240	2010	296	2306	495	3215	2720	128	0	128	
95180	919	774	1693	1655	0	3524	2506	6030	22	9.85	1020		46	2230	1980	296	2276	467	3217	2690	128	0	128	
95430	919	682	1601	1601	0	3527	2503	6030	23	9.80	1020		44	2200	1951	295	2246	479	3208	2680	126	0	126	
95670	921	663	1584	1584	0	3660	2500	6160	24	9.78	1020		45	2190	1940	295	2235	477	3205	2670	124	0	124	
95710	921	663	1584	1584	0	3722	2498	6220	25	9.79	1020		46	2190	1941	295	2236	468	3204	2700	126	0	126	
95550	919	698	1617	1617	0	2778	2492	5270	26	9.82	1020		96	1680	1432	294	1726	498	3199	2720	166	0	166	
95180	917	626	1543	1543	0	1990	2490	4480	27	9.93	1010	0	44	559	312	293	605	521	3197	2710	126	0	126	
94840	914	658	1572	1572	0	1942	2488	4430	28	9.95	1010	0	46	528	281	293	574	513	3195	2710	126	0	126	
94250	914	642	1556	1556	0	1942	2488	4430	29	9.92	1020	393	46	132	278	293	571	496	3175	2650	126	0	126	
94740	910	637	1547	1547	0	2104	2486	4590	JUNE 1	9.62	1010	600	46	0	353	293	646	455	3195	2710	126	0	126	
93090	914	639	1553	1553	0	1976	2484	4460	2	9.64	1000	600	46	36	389	293	682	513	3193	2710	126	0	126	
92620	897	621	1518	1518	0	1861	2489	4350	3	9.57	1010	600	46	1220	1423	293	1716	517	3197	2710	126	0	126	
92250	780	518	1298	1298	0	4081	2489	6570	4	9.58	1010	600	44	1960	2314	293	2606	518	3197	2680	126	0	126	
92220	718	434	1152	1152	0	3722	2493	6490	5	9.32	994	600	46	1870	2222	293	2514	484	3196	2690	126	0	126	
92220	644	453	1119	1119	0	3790	2500	6490	6	9.49	980	600	46	1860	2213	293	2506	494	3200	2610	126	0	126	
92760	578	480	1058	1058	0					9.60	966	600	44	1810	2143	293	2436	410	3205	2580	126	0	126	
										9.72	962	600	44	1810	2141	295	2436	375	3205	2580	126	0	126	

NS 1934

Sec. 11. except as noted

PLATE NO. 11

ALS		HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.A. LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO.			TWIN FALLS CAN. CO			MILNER LOW LIFT			SNAKE R. AT MILNER		
OR	NORM	STOR.	NORM.	TOTAL	1934		GOODING STORAGE	NORTH SIDE			STOR.	NORM	TOTAL	STOR.	NORM	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
8	332	0	1830	1830	APR 30	9.00	0			804	0	804	804	0	1310	1310	0	0	0	0	9	9
0	337	0	2660	2660	31	9.86	150			1010	0	1610	1010	0	1410	1410	0	0	0	0	9	9
0	362	568	2592	3160	9	10.02	378			469	77	892	969	0	1700	1700	24	0	24	9	0	9
23	404	529	2451	3030	10	10.00	542			625	84	541	625	0	1910	1910	27	0	27	10	0	10
35	367	510	2410	2920	11	10.10	564			421	21	400	421	0	2010	2010	26	0	26	10	0	10
35	208	360	2560	2920	12	10.12	569			409	9	400	409	0	2140	2140	26	0	26	10	0	10
84	0	108	2472	2780	13	9.86	547			369	54	315	369	7	2345	2370	24	0	24	10	0	10
84	0	412	2638	3050	14	9.78	546			334	20	314	334	182	2358	2460	27	0	27	9	0	9
32	0	425	2605	3030	15	9.85	562			318	8	310	318	112	2328	2440	27	0	27	9	0	9
35	0	823	2407	3480	16	9.86	568			321	15	306	321	171	2274	2470	27	0	27	9	0	9
79	0	1012	2588	3600	17	9.84	602			329	23	306	329	239	2301	2540	31	0	31	9	0	9
73	0	947	2593	3540	18	9.82	670			345	40	305	345	197	2283	2580	0	0	0	9	0	9
84	0	1163	2577	3740	20	10.06	704			415	110	305	415	312	2288	2600	0	0	0	9	0	9
84	0	1340	2560	3900	21	10.10	750			591	288	303	591	346	2274	2620	0	0	0	9	0	9
78	0	1948	2552	4500	22	10.18	798		0	1070	768	300	1070	377	2258	2630	0	0	0	8	0	8
49	0	2158	2542	4700	23	10.18	809		0	1440	1140	300	1440	378	2252	2630	0	0	0	9	0	9
45	0	2003	2537	4540	24	9.82	870		85	1500	1225	300	1525	368	2242	2610	0	0	0	8	0	8
2	0	1991	2529	4520	25	9.78	861		33	1340	1075	298	1373	351	2239	2590	18	0	18	8	0	8
86	0	1992	2528	4520	26	9.78	857		51	1260	1014	297	1311	368	2232	2600	24	0	24	8	0	8
95	0	1998	2522	4520	27	9.82	859		57	1240	1000	297	1297	379	2231	2610	28	0	28	8	0	8
72	0	2203	2527	4730	28	9.82	864		58	1290	1051	297	1348	385	2225	2610	28	0	28	8	0	8
41	0	2267	2533	4800	29	9.84	861		55	1400	1158	297	1455	380	2230	2610	42	0	42	8	0	8
17	0	2384	2536	4920	30	9.93	864		57	1470	1229	298	1527	405	2233	2640	55	0	55	8	0	8
8	0	2851	2529	5380	MAY 1	9.96	864		58	1480	1440	298	1738	402	2238	2640	55	0	55	8	0	8
2	0	2947	2533	5480	2	9.94	864		58	1870	1630	298	1928	429	2231	2660	105	0	105	8	0	8
2	0	2872	2538	5410	3	9.98	859		58	1950	1710	298	2008	435	2235	2670	109	0	109	8	0	8
4	0	2704	2556	5260	4	9.84	859		55	1830	1589	299	1888	401	2239	2640	128	0	128	8	0	8
0	0	2795	2575	5310	5	9.81	861		58	1970	1584	301	1885	385	2253	2640	128	0	128	8	0	8
0	0	3137	2553	5690	6	9.86	877		58	2140	1725	303	2028	368	2272	2640	128	0	128	8	0	8
0	0	3277	2543	5820	7	9.80	899		58	2220	1918	300	2218	417	2253	2670	126	0	126	8	0	8
0	0	3105	2765	5870	8	9.70	919		58	2180	1978	300	2278	417	2243	2660	128	0	128	8	0	8
0	0	2740	3230	5970	9	9.82	938		58	2200	1712	326	2238	201	2439	2640	128	0	128	8	0	8
416	0	2710	3400	6110	10	9.91	941		58	2230	1878	380	2258	-200	2850	2650	128	0	128	10	0	10
1044	0	2790	3400	6190	11	9.96	954		52	2220	1888	400	2288	-240	3000	2740	129	0	129	8	0	8
614	0	2740	3400	6140	12	9.86	954		58	2170	1872	400	2272	-290	3000	2710	129	0	129	8	0	8
1267	0	2870	3400	6270	13	10.08	963		59	2200	1828	400	2228	-180	3000	2820	128	0	128	8	0	8
80	0	2820	3400	6220	14	10.06	963		60	2180	1859	400	2259	-10	3000	2990	128	0	128	9	0	9
0	0	2878	3282	6160	15	10.04	963		60	2150	1840	400	2240	-20	3000	2980	128	0	128	9	0	9
0	0	3090	2910	6000	16	9.90	965		60	2080	1824	386	2210	54	2896	2950	129	0	129	9	0	9
0	0	3238	2552	5790	17	9.76	929		60	2150	1798	342	2140	252	2568	2820	129	0	129	8	0	8
0	0	3539	2521	6060	18	9.80	1000		61	2220	1910	300	2210	468	2252	2720	128	0	128	8	0	8
0	0	3697	2523	6220	19	9.81	1020		60	2250	1984	297	2281	446	2224	2670	130	0	130	8	0	8
0	0	3672	2518	6190	20	9.64	1020		60	2200	2013	297	2310	424	2226	2700	130	0	130	8	0	8
0	0	3709	2511	6220	21	9.87	1020		46	2260	1964	296	2260	438	2227	2660	130	0	130	8	0	8
0	0	3651	2509	6160	22	9.85	1020		46	2230	2010	296	2306	495	2215	2710	130	0	130	8	0	8
0	0	3524	2506	6030	23	9.80	1020		44	2200	1980	296	2276	497	2213	2710	128	0	128	8	0	8
0	0	3527	2503	6030	24	9.78	1020		45	2190	1951	295	2246	479	2211	2690	128	0	128	8	0	8
0	0	3660	2500	6160	25	9.79	1020		46	2190	1940	295	2235	472	2208	2680	126	0	126	8	0	8
0	0	3722	2498	6220	26	9.82	1020		46	1680	1941	295	2236	465	2205	2670	126	0	126	8	0	8
0	0	3718	2492	6210	27	9.98	1010	0	46	559	1432	294	1726	496	2204	2700	126	0	126	8	0	8
0	0	3940	2490	6430	28	9.95	1010	0	46	528	812	293	1105	521	2199	2720	126	0	126	8	0	8
0	0	3942	2488	6430	29	9.92	1020	393	46	132	281	293	574	513	2197	2710	126	0	126	8	0	8
0	0	3942	2488	6430	30	9.62	1010	600	46	0	353	293	646	495	2195	2690	126	0	126	37	0	37
0	0	3942	2488	6430	31	9.64	1000	600	46	36	389	293	682	455	2195	2650	126	0	126	51	0	51
0	0	3704	2486	6190	JUNE 1	9.57	1010	600	46	1270	1623	293	1916	515	2195	2710	126	0	126	22	0	22
0	0	3726	2484	6210	2	9.58	1010	600	46	1960	2314	292	2606	517	2193	2710	126	0	126	8	0	8
0	0	3861	2489	6350	3	9.32	994	600	46	1870	2223	293	2516	518	2192	2710	126	0	126	8	0	8
0	0	4081	2489	6570	4	9.49	980	600	46	1860	2213	293	2506	494	2196	2690	126	0	126	7	0	7
0	0	3992	2498	6490	5	9.60	966	600	46	1810	2163	293	2456	410	2200	2610	126	0	126	7	0	7
0	0	3990	2500	6490	6	9.72	962	600	46	1810	2161	295	2456	375	2205	2580	126	0	126	8	0	8

DATE 1938	JACKSON LAKE Cont. Ac.Ft.	MORAN STOR.	MORAN NORM.	MORAN TOTAL	TWIN LAKES DISCH.	SLIDE LAKE DISCH.	TOTAL MORAN + TWIN LAKES + SLIDE LAKE	MORAN HEISE LOSS STORED
JUN 3	415 040	680	1530	2210			Stored 680	17
4	413 690	710	1500	2210			710	18
5	411440	450	1530	1980			450	11
6	410560	-1434	2180	746			-1434	-36
7	413 690	-2307	2370	63			-2307	-58
8	418 640	-2147	2210	63			-2147	-54
9	422 700	-1637	1700	63			-1637	-41
10	425 480	-1537	1600	63			-1537	-38
11	428 340	-1387	1450	63			-1387	-35
12	431 500	-1241	1300	59			-1241	-31
13	434 430	-1141	1200	59			-1141	-29
14	436 460	-1006	1150	144			-1006	-25
15	438 500	40	1100	1140			40	1
16	438 040	1130	1080	2210			1130	28
17	435 780	2300	1060	3360			2300	58
18	430 820	3320	1100	4420			3320	83
19	424 730	2820	1300	4120			2820	71
20	420 670	1540	1400	2940			1540	39
21	417 520	1610	1450	3060			1610	40
22	414 540	1390	1300	2690			1390	35
23	410 340	2110	1050	3160			2110	53
24	405 640	2440	1100	3540			2440	61
25	401 400	2340	1300	3640			2340	58
26	396 920	2400	1240	3440			2400	60
27	392 010	2430	1200	3630			2430	61
28	386 700	2840	1000	3840			2840	71
29	380 500	3400	900	4300			3400	85
30	374 290	3440	830	4270			3440	86
JUL 1	367 460	3760	690	4450			3760	94
2	360 000	4260	650	4910			4240	106
3	351 230	4000	930	4930			4000	100
4	343 610	2730	1830	4560			2730	68
5	338 190	2750	1460	4210			2750	69
6	332 540	3040	900	3940			3040	76
7	324 050	3200	840	4040			3200	80
8	319 180	3740	850	4590			3740	94
9	311 450	4130	830	4960			4130	103
10	303 110	4450	810	5460			4650	116
11	293 990	4520	800	5320			4520	113
12	285 090	4590	800	5390			4590	115
13	275 650	4960	790	5750			4960	124
14	269 600	4970	790	5760			4970	124
15	256 680	4340	780	5120			4340	108
16	248 410	3910	780	4690			3910	98
17	240 790	3760	780	4540			3760	94
18	233 650	3870	770	4640			3870	97
19	226 110	3170	1230	4400			3170	79
20	219 820	3140	1450	4590			3140	78
21	213 590	2940	850	3790			2940	74
22	207 760	3240	490	3880			3240	81
23	201 740	3010	600	3610			3010	75
24	195 600	2540	570	3110			2540	64
25	191 040	2100	540	2640			2100	52
26	186 490	2620	520	3140			2620	64
27	181 360	2540	510	3050			2540	64
28	176 480	2520	500	3020			2520	63
29	171 220	3010	500	3510			3010	75
30	165 180	3290	490	3780			3290	82
31	158 240	3370	470	3840			3370	84
							3090	77
							3510	88

SWAN VALLEY STORAGE Ac.Ft.	DATE 1938	HEISE + RILEY STOR.	HEISE + RILEY NORM.	HEISE + RILEY TOTAL	DIV. HEISE - SHELLEY STOR.	DIV. HEISE - SHELLEY NORM.	DIV. HEISE - SHELLEY TOTAL	HEISE TO SHELLEY LOSS STORED
	JUN 4	663	6503	7166	-865	5833	4968	32
	5	672	6274	6946	-738	5672	4934	34
	6	637	6417	6836	-353	5147	4794	22
	7	-1398	7298	6400	-1272	5502	4229	-68
	8	-2249	8109	5860	-3079	6311	3234	-110
	9	-2093	7553	5460	-2801	6123	3321	-102
	10	-1596	6636	5040	-2725	5698	2973	-78
	11	-1499	6039	4540	-2578	5378	2794	-73
15	12	-1367	5717	4350	-2370	5270	2900	-67
15	13	-1225	5605	4380	-2377	5245	2868	-61
15	14	-1127	5597	4470	-2346	5124	2778	-55
15	15	-996	5316	4320	-1732	4727	2047	-49
15	16	24	4496	4520	-1140	4574	3434	1
15	17	1087	4773	5860	-784	4676	3892	53
15	18	2237	4539	6766	335	4881	5216	109
15	19	3222	4765	7987	778	4989	5767	162
15	20	2734	5433	8167	832	5074	5906	134
15	21	1484	5311	6797	1022	4850	5872	72
15	22	1565	5320	6885	1114	4464	5578	76
15	23	1340	4816	6156	1453	4081	5534	66
15	24	2042	4480	6522	927	3996	4923	100
15	25	2364	4668	7032	1076	3762	5038	116
15	26	2267	4969	7236	1101	4143	5244	111
15	27	2325	4771	7096	1125	4123	5248	114
15	28	2354	4592	6946	1295	3996	5291	115
15	29	2754	4132	6886	1619	3744	5363	135
15	30	3300	3996	7296	2057	3736	5793	161
15	Jul. 1	3339	3924	7263	2052	3514	5566	163
18	2	3648	3615	7263	2258	3305	5563	178
18	3	4136	3543	7679	2387	3220	5607	202
18	4	3882	4026	7908	2404	3148	5552	190
18	5	2644	5205	7849	2079	3274	5353	129
18	6	2643	4747	7410	1568	3847	5415	130
18	7	2944	3890	6834	1477	3475	5352	144
18	8	3102	3594	6696	1578	3245	4923	152
18	9	3628	3468	7096	2354	3070	5424	177
18	10	4009	3363	7372	2610	2857	5467	196
18	11	4516	3386	7902	2754	2638	5392	221
18	12	4389	3423	7812	2677	2651	5328	214
18	13	4457	3238	7695	2677	2602	5279	218
18	14	4818	3117	7935	3116	2458	5574	236
18	15	4828	3287	8115	3009	2415	5424	236
18	16	4214	3435	7649	2375	2429	4804	206
18	17	3774	3415	7209	1972	2526	4498	185
18	18	3648	3360	7008	1597	2660	4257	178
18	19	3755	3283	7038	2381	2597	4978	184
18	20	3073	3855	6928	3165	2204	5371	150
18	21	3044	3402	6446	2687	2239	4926	149
18	22	2848	3507	6355	2084	2527	4611	139
18	23	3141	3410	6551	1789	2698	4487	154
18	24	2917	3379	6296	1500	2804	4304	142
18	25	2458	3538	5996	2066	2640	4706	120
18	26	2030	3434	5464	1141	2883	4024	99
18	27	2536	2974	5510	1345	2745	4290	124
18	28	2458	2922	5380	1492	2633	4225	120
18	29	2439	2631	5070	1476	2525	3961	119
18	30	2917	2363	5280	2307	2371	4622	142
18	31	3190	2540	5730	2284	2395	4679	156
18	Aug. 1	3268	2705	5973	2212	2291	4503	160
12	2	3001	2522	5523	1832	2131	3963	147
12	3	3410	2543	5953	1976	2142	4118	167

REDBURG	DATE 1938	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL
339	JUN 5	1490	1764	3254
551	6	1380	1554	2934
365	7	770	2040	2810
875	8	-97	7237	7140
521	9	940	2190	3130
970	10	810	2650	3460
521	11	1907	1693	3600
408	12	1182	1528	2710
789	13	1870	1720	3590
375	14	1313	1917	3230
371	15	1274	1386	2660
343	16	785	1245	2030
343	17	1163	417	1580
351	18	2018	-348	1670
347	19	1781	-283	1498
347	20	2386	-146	2240
355	21	1748	822	2570
449	22	392	1525	1917
480	23	365	1363	1728
447	24	-179	1575	1396
812	25	1015	715	1730
660	26	1172	1468	2640
675	27	1035	1455	2490
713	28	1084	1288	2372
680	29	944	1378	2322
640	30	1000	1022	2022
512	JUL 1	1082	986	2068
516	2	1124	918	2042
467	3	1212	728	1940
459	4	1347	592	1939
530	5	1288	1350	2638
526	6	436	2340	2776
534	7	965	1940	2905
547	8	1125	1000	2125
327	9	1372	1000	2372
327	10	1097	1000	2097
303	11	1203	1000	2203
299	12	1547	1000	2547
288	13	1478	1000	2478
250	14	1562	1000	2562
275	15	1466	1000	2466
264	16	1583	1000	2583
331	17	1625	1000	2625
496	18	1437	1000	2437
485	19	1873	1000	2873
670	20	1190	1000	2190
808	21	-242	1000	758
765	22	208	1000	1208
720	23	625	1000	1625
740	24	1198	1000	2198
695	25	1275	1000	2275
730	26	272	1000	1272
720	27	790	1000	1790
745	28	1042	1000	2042
863	29	496	1000	1496
814	30	884	1000	1884
765	31	426	1000	1426
655	AUG 1	730	1000	1730
625	2	874	1000	1874
578	3	1017	1000	2017
700	4	1267	1000	2267

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GA

		SHELLEY			DIV. SHELLEY - BL. BR.			
EKBURG	DATE 1934	STOR.	NORM	TOTAL	STOR.	NORM	TOTAL	SHELLEY TO BL. BR. LOSS STORED
355	JUN 5	1496	1264	2760	453	1138	1591	63
351	6	1386	1254	2640	518	1096	1614	64
365	7	770	2060	2830	77	1024	1101	42
325	8	-57	3227	3170	-417	1109	692	34
321	9	940	2170	3110	-692	1472	780	78
970	10	810	2650	3460	-672	1844	1172	96
521	11	1407	1633	3040	-471	2381	1910	113
408	12	1152	1528	2680	- 22	1481	1459	71
383	13	1070	1320	2390	-105	1424	1319	21
375	14	1213	1417	2630	- 81	1111	1030	28
371	15	1274	1386	2660	24	1143	1167	75
363	16	785	1245	2030	108	1086	1194	41
363	17	1163	417	1580	152	1018	1170	61
351	18	2018	-348	1670	396	814	1210	97
343	19	1783	-283	1500	610	537	1147	71
347	20	2284	-164	2120	730	495	1225	93
355	21	1768	822	2590	898	712	1610	52
449	22	392	1578	1970	881	696	1577	0
480	23	365	1365	1730	996	649	1645	0
467	24	-179	1579	1400	968	459	1427	0
512	25	1015	715	1730	662	398	1060	21
600	26	1172	1068	2240	907	602	1509	14
675	27	1055	1455	2510	913	642	1555	9
715	28	1084	1384	2470	922	594	1516	10
680	29	944	1296	2240	905	589	1494	2
640	30	1000	1020	2020	1193	571	1764	0
512	JUL 1	1082	968	2050	1196	486	1682	0
516	2	1124	936	2060	1241	431	1672	0
467	3	1212	768	1980	1091	460	1551	7
454	4	1547	583	2130	1090	478	1568	28
530	5	1288	1342	2630	1311	521	1832	0
526	6	436	2364	2800	896	760	1656	0
534	7	965	1415	2380	905	733	1638	4
467	8	1125	925	2050	910	694	1604	13
367	9	1372	468	1840	960	550	1510	25
327	10	1097	683	1780	993	465	1458	4
303	11	1203	737	1940	982	473	1455	13
299	12	1541	749	2290	969	544	1513	34
258	13	1478	882	2360	1292	537	1829	11
250	14	1562	758	2320	1339	521	1860	14
275	15	1446	864	2330	1281	498	1779	11
264	16	1583	1117	2700	1251	549	1800	26
735	17	1629	1101	2730	1284	523	1807	21
476	18	1637	1063	2700	905	515	1420	44
670	19	1873	857	2730	933	481	1414	56
786	20	1190	1280	2470	948	517	1465	15
858	21	-242	2512	2270	844	502	1346	0
765	22	208	2012	2220	710	468	1178	0
770	23	625	1715	2340	643	476	1119	0
740	24	1198	1272	2470	1011	465	1476	11
695	25	1275	1055	2330	1035	474	1509	14
730	26	272	1568	1840	1102	465	1567	0
720	27	790	960	1750	997	420	1417	0
765	28	1067	743	1810	523	531	1054	33
863	29	696	1134	1830	650	474	1124	3
814	30	884	966	1850	671	458	1129	13
765	31	474	1156	1630	756	461	1217	0
655	AUG 1	750	1010	1760	762	450	1212	0
625	2	896	1074	1970	760	497	1257	8
570	3	1017	967	1980	751	474	1225	16
700	4	1267	963	2230	688	482	1170	35

THEORETICAL BALANCE STORED BLACKFOOT RES.	BLACKFOOT RIVER	CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1934	AM. FALLS RESERVOIR Cont. Ac. Ft.
		STOR.	NORM	TOTAL			
780	0	562	140	702	2363	JUN 4	485 070
822	0	513	140	653	2368	7	478 330
451	0	724	140	864	2367	8	472 000
526	0	1340	140	1480	2379	9	475 140
1534	0	1760	140	1900	2382	10	473 020
1412	0	1440	140	1580	2382	11	471 360
1765	0	1220	140	1360	2381	12	469 700
1103	0	632	140	772	2373	13	466 380
1104	0	618	140	758	2369	14	463 390
1216	0	674	140	814	2367	15	460 070
1178	0	940	140	1080	2369	16	456 420
436	0	668	140	808	2362	17	454 430
950	0	259	140	399	2362	18	449 780
1525	0	61	140	201	2355	19	444 260
1102	0	42	140	182	2343	20	441 680
1463	0	18	140	158	2337	21	435 880
818	0	90	140	230	2333	22	430 410
-489	0	259	140	399	2328	23	424 280
-631	0	39	140	179	2322	24	417 790
-1147	0	4	140	144	2317	25	402 790
332	0	0	139	139	2315	24	388 720
249	0	0	139	139	2314	27	381 440
133	0	33	139	172	2311	28	367 330
154	0	291	139	430	2310	29	364 080
37	0	297	139	436	2311	30	357 720
-193	0	102	139	241	2311	JUL 1	354 100
-114	0	13	139	152	2312	2	344 710
-137	0	2	139	141	2311	3	337 380
114	0	2	139	141	2313	4	330 040
429	0	2	139	141	2312	5	320 790
- 23	0	2	139	141	2317	6	310 540
-960	0	33	138	171	2312	7	296 870
56	0	287	137	424	2314	8	290 510
202	0	145	136	281	2314	9	280 000
387	0	44	135	179	2318	10	268 670
98	0	0	134	134	2318	11	258 440
208	0	0	124	124	2322	12	247 130
338	0	0	126	126	2327	13	236 760
135	0	0	127	127	2320	14	226 510
209	0	0	129	129	2318	15	213 440
174	0	0	129	129	2320	16	203 690
312	0	0	129	129	2320	17	192 410
324	0	29	129	158	2321	18	181 850
488	0	279	130	409	2321	19	174 100
884	0	433	130	563	2321	20	166 840
227	0	421	130	551	2323	21	158 500
-1086	0	344	130	474	2326	22	151 180
-502	0	338	130	468	2333	23	148 580
- 18	0	402	130	532	2333	24	134 510
176	0	328	130	458	2332	25	124 310
226	0	350	130	480	2326	26	113 970
-830	0	196	130	326	2326	27	102 480
-207	0	19	130	149	2324	28	97 320
511	0	4	130	134	2322	29	79 520
43	0	89	130	219	2327	30	67 620
200	0	119	130	249	2327	31	54 430
-282	0	111	130	241	2320	AUG 1	49 700
- 12	0	27	130	157	2317	2	45 060
128	0	17	130	147	2315	3	39 380
250	0	131	130	261	2321	4	33 700
544	0	165	130	295	2318	5	28 870

NEELEY			LAKE WALCOTT Cont. Ac. Ft.
STOR.	NORM	TOTAL	
3625	2505	6130	90630
3188	2508	5696	93320
3033	2567	5594	91920
2641	2519	5160	90530
2476	2522	5020	89480
2258	2522	4780	90 060
2159	2521	4680	89 360
2167	2513	4680	87 330
2171	2509	4680	85 270
2173	2507	4680	80 610
2171	2509	4680	75 200
2108	2502	4610	70 510
2108	2502	4610	64 360
2115	2495	4610	58 270
2067	2483	4550	53 110
2073	2477	4550	46 930
2967	2473	5440	41 440
2492	2468	7110	38 610
5760	2467	7830	32 990
5503	2457	7960	38 720
5504	2454	7960	32 680
5427	2453	7880	28 920
4320	2450	6770	29 340
3412	2449	6060	40 590
3420	2450	5870	40 590
3380	2450	5830	40 380
3379	2451	5830	40 380
3380	2450	5830	39 960
4008	2452	6460	39 630
5309	2451	7760	39 650
5464	2456	7920	39 550
5430	2450	7880	34 430
5429	2451	7880	36 230
6380	2450	7830	36 020
5377	2453	7830	34 880
5338	2452	7790	33 790
5384	2444	7830	31 870
5589	2451	8040	30 830
5923	2447	8370	30 830
5883	2447	8330	30 730
5801	2449	8250	31 150
5801	2449	8250	31 040
4640	2450	7120	31 150
4279	2451	6730	31 770
4159	2451	6610	31 770
4127	2453	6580	31 460
4124	2456	6580	30 790
4417	2463	6880	31 460
4077	2463	6540	31 260
5828	2462	8290	32 230
5644	2456	8120	32 230
5624	2456	8080	31 870
5644	2454	8120	30 450
6008	2452	8460	29 960
6913	2457	9370	30 970
4343	2457	6800	31 870
2400	2450	5050	32 760
2463	2447	4910	31 610
2435	2445	4880	30 390
2829	2451	5330	30 000
3382	2448	5830	30 390

LAKE RIVER GAGING STATIONS 1934

Sec. Ft. except as noted.

NEELEY			LAKE WALCOTT Cont. Ac. Ft.	MINIDOKA CANALS				
STOR.	NORM	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM
3625	2505	6130	94630	573	548	1121	1121	0
3182	2508	5690	93320	548	469	1017	1017	0
3033	2507	5540	91920	342	249	591	591	0
2841	2519	5160	90590	0	157	157	157	0
2798	2522	5020	89480	0	0	0	0	0
2258	2522	4780	90060	38	0	38	38	0
2159	2521	4680	89340	403	0	403	403	0
2147	2513	4660	87230	658	0	658	658	0
2171	2509	4680	85290	708	86	794	794	0
2173	2507	4680	80610	803	373	1176	1176	0
2171	2509	4680	75200	917	397	1314	1314	0
2108	2502	4610	70510	974	430	1404	1404	0
2108	2502	4610	64360	967	538	1505	1505	0
2115	2495	4610	58270	963	647	1610	1610	0
2067	2483	4550	53110	961	650	1611	1611	0
2073	2477	4550	46930	954	679	1633	1633	0
2967	2473	5440	41440	956	698	1654	1654	0
2492	2468	7110	38610	967	700	1667	1667	0
5348	2462	7830	37990	978	730	1708	1708	0
5503	2457	7960	38720	983	752	1735	1735	0
5504	2454	7960	37680	976	725	1701	1701	0
5427	2453	7880	38920	877	725	1602	1602	0
4320	2450	6770	39340	744	725	1469	1469	0
3411	2449	6060	40590	797	790	1587	1587	0
3420	2450	5870	40590	799	779	1578	1578	0
3380	2450	5830	40380	816	711	1527	1527	0
3379	2451	5830	40380	884	665	1549	1549	0
3380	2450	5830	39960	879	545	1424	1424	0
4008	2452	6460	39030	873	521	1394	1394	0
5309	2451	7960	39650	870	658	1528	1528	0
5464	2456	7920	39550	870	676	1546	1546	0
5430	2450	7880	36430	908	719	1627	1627	0
5429	2451	7880	36230	972	682	1654	1654	0
5380	2450	7830	36020	967	695	1662	1662	0
5377	2453	7830	34880	956	711	1667	1667	0
5338	2452	7790	33740	952	725	1677	1677	0
5384	2446	7830	31870	961	708	1669	1669	0
5589	2451	8040	30830	956	744	1700	1700	0
5523	2447	8370	30830	1000	762	1762	1762	0
5883	2447	8330	30730	1100	634	1734	1734	0
5801	2449	8250	31150	1110	714	1824	1824	0
5801	2449	8250	31040	1110	711	1821	1821	0
4660	2450	7110	31150	1120	703	1823	1823	0
4279	2451	6730	31770	1120	703	1823	1823	0
4159	2451	6610	31770	1130	706	1836	1836	0
4127	2453	6580	31460	1100	673	1773	1773	0
4124	2456	6580	30940	1010	608	1618	1618	0
4417	2463	6880	31440	934	580	1514	1514	0
6077	2463	8540	31250	936	528	1464	1464	0
5828	2462	8290	32290	988	585	1573	1573	0
5664	2456	8120	32290	1020	565	1585	1585	0
5624	2456	8080	31870	1030	575	1605	1605	0
5666	2454	8120	30420	1070	590	1660	1660	0
6008	2452	8460	29900	1130	598	1728	1728	0
6713	2457	9370	30940	1140	647	1787	1787	0
4343	2457	6800	31870	576	658	1234	1234	0
2600	2450	5050	32700	0	588	588	588	0
2463	2447	4910	31460	0	621	621	621	0
2435	2445	4880	30940	0	634	634	634	0
			30000	0	647	647	647	0
					655	655	655	0

HOWELLS			DATE 1934	LAKE MILNER GAGE	GOODING		P.P. LATERAL
STOR.	NORM	TOTAL			GOODING STORED	NORTH SIDE	
4015	2503	6520	JUNE	9.82	957	600	46
3657	2508	6160	8	9.89	787	276	46
3573	2507	6080	9	10.13	954	0	46
3371	2519	5890	10	10.22	930	0	45
2788	2522	5310	11	10.04	923	0	45
2208	2522	4730	12	9.60	919	0	45
2299	2521	4820	13	9.28	936	0	45
2667	2513	5180	14	9.00	925	0	45
3071	2509	5580	15	8.99	934	0	45
3713	2507	6220	16	9.08	974	0	45
3921	2509	6430	17	9.44	990	0	59
4018	2502	6520	18	9.38	973	0	59
4018	2502	6520	19	9.47	975	0	59
3965	2495	6460	20	9.58	984	0	59
3757	2483	6240	21	9.56	968	0	40
3583	2477	6060	22	9.52	963	0	60
3747	2473	6220	23	9.60	965	0	59
3882	2468	6350	24	9.60	960	0	59
3888	2462	6350	25	9.58	977	0	57
3753	2457	6410	26	9.46	977	0	60
3726	2454	6380	27	9.64	986	0	60
3737	2453	6190	28	9.47	981	0	60
2540	2450	4990	29	9.60	980	0	60
1961	2449	4410	30	9.55	986	0	60
1930	2450	4380	JULY 1	9.54	993	0	60
1960	2450	4410	2	9.48	1000	0	60
1999	2451	4450	3	9.46	1000	0	60
2210	2450	4660	4	9.28	1000	0	60
2588	2452	5040	5	9.54	1030	68	60
4229	2451	6680	6	9.43	1040	268	60
4454	2456	6910	7	9.56	1040	332	62
4460	2450	6910	8	9.77	1040	370	62
4149	2451	6600	9	9.85	1040	370	62
3690	2450	6140	10	9.66	1040	370	62
3927	2453	6380	11	9.67	1040	370	62
4088	2452	6540	12	9.64	1040	386	62
4294	2446	6740	13	9.76	1040	386	62
4149	2451	6600	14	9.64	1050	386	62
4043	2447	6490	15	9.48	1050	386	62
3783	2447	6430	16	9.40	1050	386	62
3781	2449	6430	17	9.26	1050	386	62
3981	2449	6430	18	9.12	1060	245	62
2570	2450	5020	19	9.14	1090	0	62
2349	2451	4800	20	9.14	1080	0	62
2489	2451	4940	21	9.24	1090	0	62
2687	2453	5140	22	9.29	1100	0	62
2654	2456	5110	23	9.44	1100	0	62
3077	2463	5540	24	9.69	1100	250	62
4137	2463	6600	25	9.68	1080	372	62
3768	2462	6430	26	9.67	1070	377	62
4144	2456	6600	27	9.68	1060	377	62
4224	2456	6680	28	9.72	1060	377	62
4046	2454	6520	29	9.67	1060	377	62
4038	2452	6490	30	9.71	1060	377	62
3893	2457	6350	31	9.68	1060	236	62
2423	2457	5380	AUG. 1	9.79	1070	0	62
2370	2450	4820	2	9.80	1040	0	62
2163	2447	4610	3	9.60	1040	0	62
2285	2445	4730	4	9.60	1030	0	62
2299	2451	4750	5	9.54	992	0	62
2452	2448	4900	6	9.56	992	239	62

MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO			TWIN
	STOR.	NORM	TOTAL	
1795	2471	2705	5176	
1898	1916	2744	3660	
1879	1841	2722	3563	
1874	1719	2704	3423	
1864	1618	2704	3322	
1854	1468	2687	3155	
1904	1439	2687	3126	
2060	1730	2687	3417	
2315	1800	2687	3487	
2330	1940	2687	3627	
2335	2116	2687	3803	
2350	2116	2687	3803	
2350	2071	2687	3758	
2350	2018	2687	3705	
2370	2058	2687	3745	
2390	2089	2687	3776	
2400	2089	2687	3776	
2330	2007	2687	3694	
2370	2062	2687	3749	
2420	1992	2687	3679	
640	412	2687	3099	
641	383	2687	3070	
647	389	2687	3076	
638	402	2687	3089	
646	396	2687	3083	
650	392	2687	3079	
1680	1520	2687	4207	
2330	2240	2687	4927	
2350	2357	2687	5044	
2370	2401	2687	5088	
2380	2389	2687	5076	
2390	2300	2687	4987	
2410	2357	2687	5044	
2400	2401	2687	5088	
2380	1889	2687	4576	
1880	365	2687	3052	
580	314	2687	3001	
580	349	2687	3036	
574	345	2687	3032	
570	345	2687	3032	
1470	1083	2687	3770	

PLATE NO. 12

STATIONS 1934

Sec. Ft except as noted.

MINIDOKA CANALS				HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.R. LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO.			TWIN FALLS CANAL CO.			MILNER LOW LIFT			SNAKE R AT MILNER		
SOUTH	TOTAL	STOR.	NORM	STOR.	NORM	TOTAL	1934		GOODING STORED	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM	TOTAL
548	1121	1121	0	4015	2505	6520	JUN 7	9.82	957	600	46	1720	2071	295	2366	310	2310	2620	128	0	128	8	0	8
469	1017	1017	0	3652	2508	6160	8	9.89	982	276	46	1890	1916	296	2212	288	2312	2600	124	0	124	9	0	9
249	491	491	0	3572	2507	6080	9	10.13	954	0	46	2070	1841	295	2136	180	2212	2400	116	0	116	10	0	10
157	157	157	0	3371	2519	5890	10	10.22	930	0	45	1970	1719	296	2015	157	2283	2380	0	0	0	8	0	8
0	0	0	0	2788	2522	5310	11	10.08	923	0	45	1870	1618	297	1915	165	2225	2390	0	0	0	8	0	8
0	38	38	0	2208	2522	4730	12	9.60	919	0	45	1870	1618	297	1915	215	2225	2440	5	0	5	8	0	8
0	403	403	0	2299	2521	4820	13	9.28	936	0	45	1882	1628	297	1925	296	2224	2520	26	0	26	7	0	7
0	658	658	0	2467	2513	5180	14	9.00	935	0	45	1880	1629	296	1925	325	2212	2540	20	0	20	7	0	7
86	796	796	0	3071	2507	5580	15	8.99	934	0	45	1980	1730	295	2025	436	2214	2650	20	0	20	7	0	7
379	1176	1176	0	3713	2507	6220	16	9.08	974	0	45	2050	1800	295	2095	408	2212	2620	0	0	0	7	0	7
397	1314	1314	0	3921	2509	6430	17	9.44	990	0	45	2210	1960	295	2255	396	2214	2610	0	0	0	7	0	7
430	1404	1404	0	4018	2502	6520	18	9.38	993	0	59	2350	2114	295	2409	413	2207	2620	42	0	42	7	0	7
538	1505	1505	0	4018	2502	6520	19	9.47	995	0	59	2350	2114	295	2409	393	2207	2600	20	0	20	7	0	7
487	1610	1610	0	3965	2495	6460	20	9.58	984	0	59	2350	2116	293	2409	408	2202	2610	74	0	74	7	0	7
650	1611	1611	0	3757	2487	6240	21	9.56	968	0	60	2250	2017	293	2310	380	2190	2570	86	0	86	7	0	7
679	1633	1633	0	3583	2477	6060	23	9.52	963	0	60	2250	2018	292	2310	345	2185	2530	107	0	107	8	0	8
698	1654	1654	0	3747	2473	6220	23	9.60	945	0	59	2320	2088	291	2379	418	2182	2600	107	0	107	8	0	8
700	1667	1667	0	3882	2468	6350	24	9.60	960	0	59	2320	2089	290	2379	442	2178	2620	115	0	115	7	0	7
730	1708	1708	0	3888	2462	6350	25	9.58	977	0	59	2300	2069	290	2359	428	2172	2600	118	0	118	7	0	7
752	1735	1735	0	3953	2457	6410	26	9.46	977	0	60	2230	2001	287	2290	442	2168	2610	112	0	112	7	0	7
725	1701	1701	0	3926	2454	6380	27	9.64	986	0	60	2290	2062	288	2350	514	2166	2680	110	0	110	8	0	8
725	1602	1602	0	3737	2453	6190	28	9.47	981	0	60	1620	1392	288	1680	485	2165	2650	116	0	116	8	0	8
725	1469	1469	0	2540	2450	4990	29	9.60	988	0	60	640	412	288	700	518	2162	2680	121	0	121	8	0	8
790	1587	1587	0	1961	2449	4410	30	9.55	984	0	60	611	383	288	671	477	2161	2640	124	0	124	8	0	8
779	1578	1578	0	1930	2450	4380	JUL 1	9.54	993	0	60	617	389	288	677	498	2162	2660	124	0	124	8	0	8
711	1527	1527	0	1960	2450	4410	2	9.48	1000	0	60	630	402	288	690	518	2162	2680	124	0	124	8	0	8
665	1549	1549	0	1999	2451	4450	3	9.46	1000	0	60	624	396	288	684	517	2163	2680	125	0	125	7	0	7
545	1424	1424	0	2210	2450	4660	4	9.28	1000	0	60	620	392	288	680	518	2162	2680	124	0	124	8	0	8
521	1394	1394	0	2588	2452	5040	5	9.54	1030	68	60	1680	1520	288	1808	626	2164	2790	124	0	124	8	0	8
658	1528	1528	0	4229	2451	6680	6	9.63	1040	268	60	2220	2260	288	2548	627	2163	2790	125	0	125	8	0	8
676	1546	1546	0	4454	2456	6910	7	9.56	1040	332	62	2250	2355	289	2644	613	2167	2780	124	0	124	8	0	8
719	1627	1627	0	4460	2450	6910	8	9.79	1040	370	62	2310	2454	288	2742	668	2162	2830	126	0	126	8	0	8
682	1654	1654	0	4149	2451	6600	9	9.85	1040	370	62	2270	2414	288	2702	647	2163	2810	124	0	124	8	0	8
695	1662	1662	0	3690	2450	6140	10	9.66	1040	370	62	2190	2334	288	2622	628	2162	2790	124	0	124	8	0	8
711	1667	1667	0	3927	2453	6380	11	9.67	1040	370	62	2200	2344	288	2632	635	2165	2840	124	0	124	8	0	8
725	1677	1677	0	4088	2452	6540	12	9.64	1040	386	62	2190	2330	288	2618	706	2164	2870	126	0	126	8	0	8
708	1669	1669	0	4294	2446	6740	13	9.76	1040	386	62	2210	2370	288	2658	737	2158	2890	126	0	126	8	0	8
744	1700	1700	0	4149	2451	6600	14	9.64	1050	386	62	2170	2330	288	2618	697	2163	2860	126	0	126	8	0	8
762	1762	1762	0	4043	2447	6490	15	9.48	1050	386	62	2140	2300	288	2588	681	2159	2840	126	0	126	8	0	8
634	1734	1734	0	3983	2447	6430	16	9.40	1050	386	62	2130	2290	288	2578	681	2159	2840	126	0	126	8	0	8
714	1824	1824	0	3981	2449	6430	17	9.26	1050	386	62	2130	2290	288	2578	699	2161	2860	128	0	128	7	0	7
711	1821	1821	0	3981	2449	6430	18	9.12	1060	245	62	1670	1489	288	1777	699	2161	2860	128	0	128	7	0	7
703	1823	1823	0	2570	2450	5020	19	9.14	1070	0	62	614	388	288	676	708	2162	2870	128	0	128	7	0	7
703	1823	1823	0	2349	2451	4800	20	9.14	1080	0	62	617	391	288	679	707	2163	2870	127	0	127	7	0	7
706	1836	1836	0	2489	2451	4940	21	9.24	1090	0	62	627	401	288	689	727	2163	2890	127	0	127	7	0	7
773	1773	1773	0	2687	2453	5140	22	9.29	1100	0	62	627	401	288	689	705	2165	2870	127	0	127	7	0	7
608	1618	1618	0	2654	2456	5110	23	9.44	1100	0	62	627	400	289	689	713	2167	2880	127	0	127	8	0	8
580	1514	1514	0	3077	2463	5540	24	9.69	1100	250	62	1650	1672	290	1962	707	2173	2880	127	0	127	8	0	8
533	1464	1464	0	4137	2463	6600	25	9.68	1080	322	62	2130	2279	290	2569	647	2173	2820	127	0	127	7	0	7
583	1573	1573	0	3968	2462	6430	26	9.67	1070	377	62	2130	2279	290	2569	698	2172	2870	127	0	127	7	0	7
545	1585	1585	0	4144	2456	6600	27	9.68	1060	377	62	2130	2280	289	2569	723	2167	2890	114	0	114	8	0	8
575	1605	1605	0	4224	2456	6680	28	9.72	1060	377	62	2150	2300	289	2589	813	2167	2980	106	0	106	9	0	9
590	1460	1460	0	4066	2454	6520	29	9.67	1060	377	62	2100	2251	288	2539	814	2166	2980	105	0	105	8	0	8
598	1728	1728	0	4038	2452	6490	30	9.78	1060	377	62	2030	2181	288	2469	866	2164	3030	102	0	102	8	0	8
647	1787	1787	0	3893	2457	6350	31	9.68	1060	236	62	1440	1449	289	1738	932	2168	3100	93	0	93	8	0	8
658	1734	1734	0	2923	2457	5380	AUG 1	9.79	1070	0	62	582	355	289	644	982	2168	3150	100	0	100	8	0	8
588	588	588	0	2370	2450	4820	2	9.80	1040	0	62	582	356	288	644	928	2162	3090	104	0	104	8	0	8
621	621	621	0	2163	2447	4610	3	9.60	1040	0	62	575	349	288	637	831	2159	2990	104	0	104	8	0	8
634	634	634	0	2285	2445	4730	4	9.60	1030	0	62	591	365	288	653	843	2157	3000	105	0	105	7	0	7
447	447	447	0	2299	2451	4750	5	9.54	997	0	62	574	348	288	636	857	2163	3020	105	0	105	6	0	6
693	693	693	0	2452	2448	4900	6	9.56	992	239	62	1470	1483	288	1771	710	2160	3070	105	0	105	6	0	6

DATE 1934	JACKSON LAKE Cont. Ac. Ft.	MORAN STOR.	MORAN NORM.	MORAN TOTAL	TWIN LAKES DISCH.	SLIDE LAKE DISCH.	TOTAL MORAN + TWIN LAKES + SLIDE LAKE	MORAN HEISE 4033	SWAN VALLEY STORAGE
Aug 3	138 570	3360	460	3820			3360	84	12
4	137 400	3570	450	4020		0	3570	89	12
5	134 410	2160	540	2700		7	2167	54	12
6	131 450	1640	430	2070		32	1677	42	12
7	127 920	2140	420	2560		45	2185	55	12
8	123 450	2090	410	2500		63	2153	54	12
9	109 560	2030	410	2440		66	2096	52	13
10	105 850	2380	400	2780		69	2449	61	12
11	100 350	2750	400	3150		73	2823	71	12
12	94 120	2990	400	3390		76	3066	77	7
13	89 170	2030	400	2430		77	2107	53	5
14	85 000	1960	410	2370		77	2037	51	5
15	80 850	2010	400	2410		70	2080	52	5
16	77 420	1770	370	2140		55	1825	46	5
17	74 160	1350	350	1700		18	1368	34	5
18	71 640	1130	330	1460		0	1130	28	5
19	69 120	1270	330	1600			1270	32	5
20	66 440	1420	330	1750			1420	35	5
21	63 590	1380	340	1720			1380	35	5
22	60 920	1400	340	1740			1400	35	5
23	58 070	1370	340	1710			1370	34	5
24	55 570	900	340	1240			900	22	5
25	53 610	800	340	1140			800	20	5
26	51 480	1200	350	1550			1200	30	5
27	49 020	1040	390	1430		0	1040	26	5
28	47 240	720	420	1140		47	767	19	0
29	45 850	270	860	1130		57	327	8	
30	45 320	710	470	1180		63	773	19	
31	43 910	880	350	1230		73	953	24	
Sept 1	42 150	830	340	1170		75	905	23	
2	40 040	1210	320	1530		83	1293	32	
3	36 700	1150	310	1460		89	1239	31	
4	34 760	643	300	943		84	727	18	
5	33 540	524	280	804		81	605	15	
6	32 500	338	250	588		72	410	10	
7	32 320	144	220	364		48	192	5	
8	31 980	443	210	653		11	454	11	
9	30 760	718	200	918		0	718	18	
10	29 370	820	200	1020			820	20	
11	27 280	1310	190	1500			1310	33	
12	24 500	1200	190	1390			1200	30	
13	21 890	1110	190	1300			1110	28	
14	20 150	1010	180	1190			1010	25	
15	18 410	920	180	1100			920	23	
16	16 850	840	180	1020			840	21	
17	15 300	774	180	954			774	19	
18	13 760	708	180	888			708	18	
19	12 550	662	170	832			662	17	
20	11 180	608	170	778			608	15	
21	9 630	548	170	718			548	14	
22	8 430	80	600	680		0	80	2	
23	9 430	-601	1300	699		14	-587	-15	
24	9 970	199	500	699		27	226	6	
25	9 290	300	350	650		52	382	10	
26	8 600	462	200	662		55	517	13	
27	7 740	435	190	625		55	490	12	
28	6 880	427	180	607		65	492	12	
29	6 020	398	180	578		65	463	12	
30	5 500	54	180	234		47	101	2	
TOTALS	171,656				554	1896	174,106	4350	1065

DATE 1934	HEISE + RILEY STOR.	HEISE + RILEY NORM	HEISE + RILEY TOTAL	DIV. HEISE - SHELLEY STOR.	DIV. HEISE - SHELLEY NORM.	DIV. HEISE - SHELLEY TOTAL	HEISE TO SHELLEY LOST STORED	REXBURG
Aug 4	3214	2355	5617	1925	2694	4619	160	690
5	3469	2560	6029	2253	2128	4381	170	710
6	2101	3333	5434	1289	2233	3522	103	819
7	1423	2733	4156	1073	2084	3157	75	874
8	2118	2378	4496	1529	2074	3603	104	802
9	2087	2509	4596	1437	2138	3575	102	730
10	2032	2512	4544	1026	2242	3268	93	765
11	2376	2188	4564	1201	2354	3555	114	720
12	2745	2215	4960	1877	2332	3803	134	680
13	2984	2396	5380	1246	2429	3636	140	735
14	2049	2671	4720	843	2414	3257	100	780
15	1981	2769	4750	961	2376	3337	97	786
16	2023	2573	4596	1203	2215	3418	99	848
17	1774	2611	4385	1577	2224	3743	87	797
18	1329	2647	3976	1387	2245	3632	65	807
19	1097	2458	3555	768	2239	3007	54	778
20	1233	2212	3445	949	2249	3198	60	738
21	1380	2235	3615	789	2461	3250	68	775
22	1340	2275	3615	667	2247	2914	46	907
23	1360	2235	3595	1085	2213	3298	66	1030
24	1331	2354	3685	1140	2060	3200	65	1040
25	873	2589	3462	1198	2154	3352	43	970
26	775	2366	3141	467	2227	2694	38	912
27	1165	2035	3200	670	2242	2912	57	970
28	1009	2351	3360	1048	2279	3327	49	1030
29	768	2536	3304	665	2295	2960	37	1040
30	319	2904	3223	736	2298	3034	14	982
31	754	2450	3204	668	2341	3009	37	976
Sept 1	929	2275	3204	1206	2287	3493	45	907
2	882	2220	3102	685	2208	2893	43	814
3	1261	1811	3072	1082	2093	3175	62	760
4	1208	2256	3464	1245	2091	3336	57	747
5	709	2394	3103	1178	2143	3321	35	841
6	590	2222	2812	252	2193	2445	29	874
7	400	2301	2701	109	2196	2305	20	924
8	187	2323	2510	80	2169	2249	9	964
9	443	1897	2340	57	2070	2127	22	976
10	700	1810	2510	362	2142	2504	34	970
11	800	1820	2620	323	2232	2555	39	946
12	1277	1623	2900	310	2360	2670	62	912
13	1170	1883	3053	348	2335	2683	57	894
14	1082	1910	2992	852	2285	3137	53	834
15	985	1936	2921	252	2364	3116	99	750
16	897	1954	2851	727	2346	3068	46	745
17	819	1972	2791	753	2188	2941	40	765
18	755	1964	2721	648	2213	2861	37	797
19	690	1941	2631	624	2247	2871	34	786
20	645	1936	2581	-29	2179	2150	31	784
21	593	1937	2530	45	2206	2251	29	775
22	534	1946	2480	287	2345	2632	27	797
23	78	2663	2741	147	2477	2624	4	868
24	-572	3563	2991	393	2458	2851	-28	458
25	220	2661	2881	202	2646	2848	11	946
26	372	2388	2760	204	2674	2878	18	907
27	504	2196	2700	315	2550	2865	25	885
28	478	2142	2620	317	2514	2831	23	844
29	480	2120	2600	316	2476	2792	24	802
30	451	2109	2560	275	2507	2782	22	235
Oct 1	99							
	168,671			83,448			8248	

DATE 1934	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL
Aug 5	1179	1031	2210
6	1044	1104	2148
7	789	1310	2099
8	471	1091	1562
9	486	1115	1601
10	548	922	1470
11	907	757	1664
12	1054	677	1731
13	1140	940	2080
14	1593	1488	3081
15	1106	1114	2220
16	983	867	1850
17	781	1061	1842
18	1170	1300	2470
19	-133	1095	962
20	275	765	1040
21	224	916	1140
22	523	697	1220
23	687	533	1220
24	709	871	1580
25	124	1078	1202
26	-348	1438	1090
27	270	1080	1350
28	438	912	1350
29	-98	1034	936
30	44	936	980
31	-433	1473	1040
Sept 1	69	981	1050
2	-332	1370	1038
3	154	948	1102
4	117	895	1012
5	-96	788	692
6	-504	1228	724
7	309	1081	1390
8	271	1099	1370
9	98	1332	1430
10	364	946	1310
11	304	746	1050
12	438	632	1070
13	905	255	1160
14	765	435	1200
15	177	833	1010
16	185	615	800
17	131	769	900
18	26	774	800
19	70	780	850
20	31	689	720
21	643	377	1020
22	519	701	1220
23	220	980	1200
24	-73	1373	1300
25	-337	2137	1800
26	7	1193	1200
27	120	1180	1300
28	164	1136	1300
29	138	1162	1300
30	160	1140	1300
31	-433	1433	1000
Oct 1	69	981	1050
	76,942		

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGIN

SHELLEY			BIV. SHELLEY - BL. BR.			SHELLEY TO BL. BR. LOSS STORED	THEORETICAL BALANCE STORED BLACKFOOT BR.	BLACKFOOT RIVER
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
1179	1021	2200	320	483	1303	81	338	0
1046	1104	2150	1004	467	1471	3	39	0
789	1531	2320	1191	460	1651	0	-482	0
471	1489	1960	1106	459	1565	0	-635	0
485	1115	1600	688	451	1139	0	-203	0
548	922	1470	688	447	1135	0	-140	0
987	743	1660	586	459	1045	19	302	0
1059	671	1730	666	486	1152	24	349	0
1140	640	1780	752	470	1222	23	365	0
1572	508	2080	755	469	1224	50	787	0
1106	1114	2220	1058	467	1525	3	45	0
983	987	1790	571	492	1063	25	387	0
721	1009	1730	431	490	1121	5	85	0
170	1300	1470	541	469	1010	0	-371	0
-123	1095	972	29	473	502	0	-1512	0
275	765	1040	-4	456	452	17	262	0
224	916	1140	170	476	646	3	51	0
523	677	1200	182	487	669	20	321	0
607	433	1040	178	480	658	26	403	0
209	871	1080	236	464	700	0	-27	0
126	1024	1150	217	482	699	0	-91	0
-368	1638	1270	449	420	869	0	-817	0
270	1080	1290	447	489	936	0	-177	0
438	722	1160	503	491	994	0	-65	0
-88	1036	948	81	498	579	0	-169	0
46	944	990	263	492	755	0	-217	0
-433	1473	1040	234	488	722	0	-667	0
49	951	1000	194	494	688	0	-145	0
-322	1270	948	14	492	506	0	-336	0
154	752	906	20	475	495	8	126	0
117	595	712	175	454	629	0	-58	0
-96	784	688	-22	358	336	0	-74	0
-504	1524	1020	-60	373	313	0	-444	0
309	1081	1390	396	513	909	0	-87	0
271	1099	1370	274	674	948	0	-3	0
98	1332	1430	-10	908	898	4	102	0
364	946	1310	20	813	833	20	324	0
304	746	1050	124	797	921	11	169	0
438	632	1070	138	656	794	18	282	0
705	255	1160	279	616	895	38	578	0
765	525	1290	280	680	960	29	456	0
177	833	1010	265	580	845	0	-88	0
185	697	882	206	469	675	0	-21	0
131	769	900	72	482	554	3	56	0
26	728	954	61	502	563	0	-35	0
70	720	790	60	550	610	1	9	0
32	688	720	171	278	449	0	-139	0
643	311	954	0	563	563	29	614	0
519	731	1250	0	635	635	31	489	0
220	960	1180	0	917	917	13	207	0
-73	1313	1240	62	832	894	0	-135	0
-937	2307	1370	65	921	986	0	-1082	0
2	1433	1440	45	985	1050	0	-58	0
150	1280	1430	63	1025	1098	5	82	0
164	1246	1410	64	1030	1094	4	94	0
138	1242	1380	65	1007	1072	4	69	0
140	1180	1320	63	949	1012	5	72	0
76,242			33,359			2167	23,214	

CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1934	AM. FALLS RESERVOIR Cont. Ac. Ft.	NEELEY			LAKE WALCOTT Cont. Ac. Ft.	
STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL		
294	130	424	2313	Aug. 6	232,140	5457	2443	7810	36,210	
200	130	330	2314	7	209,730	6184	2444	8630	31,250	
111	130	241	2311	8	198,350	5899	2441	8270	32,190	
61	130	191	2309	9	187,650	5521	2439	7960	33,430	
49	130	179	2314	10	178,830	4986	2444	7430	34,980	
42	130	172	2318	11	170,770	3272	2448	5720	34,980	
17	130	147	2324	12	165,580	2156	2454	4610	34,670	
42	130	172	2327	13	162,360	1903	2457	4360	33,790	
89	130	219	2329	14	158,290	2271	2459	4730	32,290	
89	130	219	2326	15	153,080	2664	2456	5120	30,830	
103	130	233	2333	16	147,640	3077	2463	5540	30,710	
233	130	363	2328	17	143,240	4192	2458	6650	29,190	
187	130	317	2324	18	134,030	4496	2454	6950	31,250	
139	130	269	2314	19	125,200	4226	2446	6670	33,170	
187	130	317	2314	20	117,950	3816	2444	6260	34,340	
85	130	215	2313	21	111,890	2927	2443	5370	34,980	
100	130	230	2314	22	107,490	3226	2444	5670	33,740	
123	130	253	2311	23	102,620	2349	2441	4790	34,150	
119	130	249	2314	24	96,060	3116	2444	5560	33,950	
65	130	195	2309	25	90,640	3501	2439	5740	33,840	
25	130	155	2309	26	84,260	3121	2437	5558	33,320	
22	130	152	2310	27	79,610	2080	2440	4570	33,700	
25	130	155	2311	28	75,380	2139	2441	4580	31,460	
25	130	155	2311	29	71,580	1859	2441	4050	31,150	
28	130	158	2317	30	67,620	1143	2447	3590	30,730	
28	130	158	2316	31	62,660	794	2446	3240	29,490	
28	130	158	2319	SEP 1	65,330	831	2449	3280	27,960	
22	130	152	2318	2	64,280	1142	2448	3590	27,360	
9	130	139	2318	3	61,800	1032	2448	3480	26,780	
11	130	141	2318	4	60,120	672	2448	3120	26,140	
19	130	149	2318	5	57,110	622	2448	3070	25,120	
14	130	144	2323	6	55,260	847	2453	3300	24,110	
9	130	139	2322	7	55,240	1098	2457	3560	22,490	
11	130	141	2324	8	53,190	1496	2454	3950	21,620	
17	130	147	2320	9	50,530	1260	2450	3710	22,490	
17	130	147	2316	10	48,990	1334	2446	3780	21,770	
19	130	149	2319	11	46,240	961	2449	3410	22,690	
11	130	141	2325	12	44,210	905	2455	3360	23,300	
11	130	141	2330	13	42,960	840	2460	3300	22,590	
11	130	141	2329	14	41,720	791	2459	3250	23,910	
11	130	141	2332	15	40,390	578	2462	3040	23,800	
17	130	147	2325	16	38,230	1165	2455	3620	22,180	
11	130	141	2322	17	36,820	1118	2452	3570	21,770	
14	130	144	2326	18	33,830	1074	2456	3530	19,640	
11	130	141	2329	19	31,810	831	2459	3290	18,050	
9	130	139	2322	20	30,750	578	2452	3030	18,930	
4	130	134	2319	21	30,620	571	2449	3020	17,760	
6	130	136	2320	22	28,960	590	2450	3040	16,870	
9	130	139	2322	23	28,620	588	2452	3040	16,270	
11	130	141	2335	24	28,300	375	2465	3840	15,870	
19	130	149	2374	25	27,720	24	2504	2530	14,690	
36	130	166	2408	26	28,470	-48	2538	2490	13,870	
36	130	166	2402	27	29,040	-52	2537	2480	12,110	
39	130	169	2385	28	29,280	-545	2515	1970	10,220	
42	130	172	2376	29	30,920	74	2586	2580	10,530	
31	130	161	2372	30	32,300	-502	2502	2000	11,220	
22	130	152	2371							
19,150						588,387				

ER GAGING STATIONS 1934

Sec. Ft. except as noted

	LAKE WALCOTT	MINIDOKA CANALS					HOWELLS			DATE	LAKE MILNER	GOODING		P.A.	MAIN N.SIDE	TOTAL N.S. CANAL CO			TWIN FALLS CANAL CO			MILNER LOW LIFT		
	CONT AC. FT.	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1934	GAGE	GOODING STORAGE	NORTH SIDE	LATERAL	CANAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
80	30 210	0	781	781	781	0	4487	2443	6850	Aug. 1	9.44	997	383	42	1990	2147	288	2435						
70	31 250	0	795	795	795	0	4806	2444	7250	8	9.80	990	395	42	1970	2139	288	2427						
60	33 430	0	825	825	825	0	4699	2441	7140	9	9.90	967	406	42	1880	2061	287	2348						
20	34 980	0	573	573	573	0	4551	2439	6990	10	9.97	958	406	42	1720	1901	288	2189						
10	34 980	0	538	538	538	0	4336	2444	6780	11	9.90	953	237	42	1180	1191	288	1479						
40	34 670	0	493	493	493	0	2932	2448	5380	12	9.90	942	0	42	574	308	288	596						
30	33 740	0	516	516	516	0	2344	2456	4800	13	9.79	940	0	42	524	298	288	586						
20	32 290	0	548	548	548	0	2103	2457	4560	14	9.60	933	0	42	524	297	289	586						
10	30 830	0	548	548	548	0	2321	2459	4680	15	9.46	927	0	42	528	301	289	590						
00	30 210	0	690	690	690	0	2544	2456	5020	16	9.46	936	0	42	528	301	289	590						
90	29 390	0	752	752	752	0	2697	2443	5140	17	9.46	938	0	42	528	300	290	590						
80	31 250	0	742	742	742	0	2758	2458	5210	18	9.52	940	0	42	528	301	289	590						
70	33 120	0	708	708	708	0	2786	2454	5240	19	9.60	942	0	42	528	302	288	590						
60	34 360	0	642	642	642	0	2786	2444	5230	20	9.64	942	0	42	528	302	288	590						
50	34 980	0	606	606	606	0	2736	2444	5180	21	9.72	944	0	42	524	298	288	586						
40	33 740	0	555	555	555	0	2617	2443	5060	22	9.79	944	0	42	524	298	288	586						
30	34 150	0	478	478	478	0	2526	2444	4970	23	9.74	944	0	42	528	302	288	590						
20	33 950	0	436	436	436	0	2379	2441	4820	24	9.69	938	0	42	521	296	287	583						
10	33 840	0	430	430	430	0	2796	2444	5240	25	9.76	940	320	42	876	970	288	1258						
00	33 320	0	422	422	422	0	3591	2439	6030	26	9.68	933	455	42	1010	1240	287	1527						
90	32 700	0	480	480	480	0	3271	2439	5710	27	9.58	925	455	42	1000	1230	287	1517						
80	31 440	0	504	504	504	0	2150	2440	4590	28	9.53	920	455	42	1000	1230	287	1517						
70	31 150	0	480	480	480	0	2099	2441	4540	29	9.40	920	190	42	716	681	287	968						
60	30 730	0	426	426	426	0	1339	2441	3780	30	9.54	940	0	42	524	299	287	586						
50	29 690	0	430	430	430	0	1133	2447	3580	31	9.41	773	0	42	518	292	288	580						
40	27 760	0	420	420	420	0	1014	2446	3460	SEP. 1	9.56	794	0	41	512	285	288	573						
30	27 360	0	420	420	420	0	1111	2449	3560	2	9.24	787	0	41	518	291	288	579						
20	26 760	0	453	453	453	0	932	2448	3380	3	9.84	769	0	41	500	273	288	561						
10	26 140	0	462	462	462	0	742	2448	3190	4	9.82	750	0	41	503	276	288	564						
00	25 120	0	484	484	484	0	582	2448	3030	5	9.78	733	0	41	445	218	288	506						
90	24 110	0	504	504	504	0	707	2453	3160	6	9.64	735	0	47	358	117	288	405						
80	22 490	0	526	526	526	0	838	2452	3290	7	9.53	731	0	47	364	123	288	411						
70	21 670	0	516	516	516	0	986	2454	3440	8	9.34	729	0	47	361	120	288	408						
60	22 490	0	502	502	502	0	870	2450	3320	9	9.68	741	0	47	364	123	288	411						
50	21 770	0	387	387	387	0	624	2446	3070	10	9.70	735	0	47	361	118	290	408						
40	22 490	0	55	55	55	0	581	2449	3030	11	9.64	729	0	47	358	89	316	405						
30	23 300	0	0	0	0	0	575	2455	3030	12	9.47	711	0	47	358	106	299	405						
20	22 590	0	0	0	0	0	770	2460	3230	13	9.19	689	0	47	353	95	305	400						
10	23 910	0	0	0	0	0	731	2459	3190	14	9.30	701	0	47	356	113	290	403						
00	23 800	0	0	0	0	0	1178	2462	3640	15	9.40	703	0	46	348	105	289	394						
90	22 180	0	0	0	0	0	1845	2455	4300	16	9.47	717	413	44	720	885	292	1177						
80	21 170	0	0	0	0	0	1848	2452	4300	17	9.46	701	650	44	804	1209	289	1498						
70	19 440	0	0	0	0	0	1734	2456	4190	18	9.45	701	634	44	718	1108	288	1396						
60	18 050	0	0	0	0	0	1201	2459	3660	19	9.42	701	568	44	644	940	316	1256						
50	18 450	0	0	0	0	0	848	2452	3300	20	9.64	701	0	44	306	11	339	350						
40	18 450	0	0	0	0	0	1111	2449	3560	21	9.74	695	0	44	304	8	342	350						
30	17 740	0	0	0	0	0	1150	2450	3600	22	9.64	691	0	44	308	13	339	352						
20	16 470	0	0	0	0	0	928	2452	3380	23	9.84	697	0	0	348	18	330	348						
10	16 270	0	0	0	-33	33	838	2432	3270	24	9.72	693	0	0	383	-9	392	383						
00	15 870	0	0	0	-73	73	909	2431	3340	25	9.62	689	0	0	472	0	472	472						
90	14 490	0	0	0	-73	73	928	2262	3190	26	9.66	691	0	0	531	0	531	531						
80	13 870	0	45	45	-231	276	846	2134	2980	27	9.61	691	0	0	412	0	412	412						
70	12 110	0	279	279	-119	398	236	2104	2340	28	9.36	511	0	0	404	0	404	404						
60	10 720	0	373	373	- 38	411	- 31	2081	2050	29	9.46	0	0	0	404	0	404	404						
50	10 530	0	424	424	- 1	425	-182	2082	1900	30	9.41	0	0	0	401	0	401	401						
40	11 220	0	420	420	0	420																		
					173,801		447,652					156,717				192,269						18,341		

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Sec. Ft. except as noted

PLATE NO. 13

NALS		HOWELLS			DATE	LAKE MILNER ORGE	GOODING		P.P. LATERAL	MAIN N.SIDE CANAL	TOTAL N.S. CANAL CO			TWIN FALLS CANAL CO			MILNER LOW LIFT			SNAKE R. AT MILNER		
STOR	NORM	STOR.	NORM.	TOTAL			GOODING STORAGE	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR	NORM.	TOTAL	STOR.	NORM.	TOTAL
798	0	4407	2443	6850	MAR	9.68	957	387	42	1390	2147	288	2435	1845	2155	3360	105	0	105	7	0	7
795	0	4806	2444	7250	1	9.80	990	395	62	1970	2139	288	2427	1834	2156	3370	105	0	105	7	0	7
825	0	4699	2441	7140	2	9.90	967	406	62	1880	2061	287	2348	1848	2154	3390	105	0	105	7	0	7
823	0	4551	2439	6990	3	9.97	958	406	62	1720	1901	288	1479	1824	2153	3300	105	0	105	7	0	7
593	0	4336	2444	6780	4	9.90	953	237	62	1180	1191	288	576	1850	2156	3280	105	0	105	8	0	8
538	0	2932	2448	5380	11	9.90	942	0	42	534	308	288	586	1834	2160	3310	101	0	101	8	0	8
493	0	2346	2454	4800	12	9.79	940	0	62	524	298	288	586	1832	2164	3300	99	0	99	7	0	7
516	0	2103	2457	4560	13	9.60	933	0	62	524	297	289	586	1840	2168	3300	97	0	97	7	0	7
548	0	2221	2459	4680	14	9.84	927	0	42	528	301	289	590	1803	2170	3310	99	0	99	7	0	7
548	0	2564	2456	5020	15	9.86	936	0	62	528	301	289	590	1857	2167	3370	93	0	93	7	0	7
490	0	2697	2443	5140	16	9.86	938	0	62	528	300	290	590	1811	2173	3370	96	0	96	7	0	7
732	0	2752	2458	5210	17	9.82	940	0	42	528	301	289	590	1794	2169	3380	94	0	94	6	0	6
762	0	2784	2454	5240	18	9.80	942	0	42	528	302	288	590	1814	2166	3360	100	0	100	7	0	7
708	0	2786	2444	5230	19	9.84	942	0	42	528	302	288	590	1814	2156	3370	102	0	102	7	0	7
647	0	2796	2444	5240	20	9.82	944	0	42	524	298	288	586	1814	2156	3370	102	0	102	7	0	7
606	0	2617	2443	5060	21	9.79	944	0	42	524	298	288	586	1865	2155	3320	105	0	105	7	0	7
555	0	2526	2444	4970	23	9.74	944	0	62	528	302	288	590	1844	2156	3300	78	0	78	7	0	7
578	0	2377	2441	4820	24	9.69	938	0	62	521	296	287	583	1836	2154	3290	78	0	78	7	0	7
536	0	2296	2484	4780	25	9.76	940	320	62	1276	970	288	1258	1884	2154	3340	80	0	80	7	0	7
520	0	3591	2439	6030	26	9.68	933	455	62	1010	1240	287	1527	1878	2152	3350	80	0	80	7	0	7
522	0	3271	2439	5710	27	9.58	925	455	62	1000	1230	287	1517	558	2152	2710	79	0	79	7	0	7
580	0	2150	2440	4590	28	9.53	920	455	62	1000	1230	287	1517	47	2153	2200	79	0	79	7	0	7
604	0	2099	2441	4540	29	9.40	920	190	62	716	481	287	968	46	2154	2200	79	0	79	7	0	7
740	0	1339	2441	3780	30	9.54	940	0	62	524	299	287	586	56	2154	2210	78	0	78	7	0	7
786	0	1133	2447	3580	31	9.61	773	0	62	518	292	288	580	41	2159	2200	78	0	78	7	0	7
780	0	1016	2446	3460	SEPT	9.56	794	0	61	512	285	288	573	42	2158	2200	80	0	80	7	0	7
760	0	1111	2449	3560	2	9.76	787	0	41	518	291	288	579	49	2161	2210	17	0	17	7	0	7
720	0	1052	2448	3500	3	9.84	769	0	41	500	273	288	561	30	2160	2190	0	0	0	7	0	7
732	0	932	2448	3380	4	9.82	760	0	41	503	276	288	564	10	2160	2170	0	0	0	7	0	7
742	0	742	2448	3190	5	9.78	733	0	41	445	218	288	506	70	2160	2230	0	0	0	7	0	7
740	0	582	2448	3030	6	9.64	735	0	47	358	117	288	405	50	2160	2210	14	0	14	7	0	7
740	0	707	2453	3160	7	9.53	731	0	47	364	123	288	411	35	2165	2200	117	0	117	7	0	7
740	0	838	2452	3290	8	9.34	729	0	47	361	120	288	408	16	2164	2180	119	0	119	7	0	7
746	0	984	2454	3440	9	9.68	741	0	47	364	123	288	411	24	2166	2190	117	0	117	7	0	7
720	0	870	2450	3320	10	9.70	735	0	47	361	118	290	408	0	2160	2160	110	0	110	7	0	7
702	0	624	2446	3070	11	9.64	729	0	47	358	89	316	405	0	2130	2130	107	0	107	7	0	7
730	0	581	2449	3030	12	9.47	711	0	47	358	106	299	405	0	2150	2150	105	0	105	7	0	7
770	0	575	2455	3030	13	9.19	689	0	47	353	95	305	400	0	2150	2150	105	0	105	6	0	6
740	0	770	2460	3230	14	9.30	701	0	47	356	113	290	403	10	2170	2180	31	0	31	7	0	7
730	0	731	2459	3190	15	9.40	703	0	46	348	105	289	394	10	2170	2180	0	0	0	7	0	7
740	0	1178	2462	3640	16	9.47	717	413	44	720	885	292	1177	0	2170	2170	0	0	0	7	0	7
740	0	1845	2455	4300	17	9.46	701	630	44	804	1209	289	1498	4	2166	2170	0	0	0	7	0	7
740	0	1848	2452	4300	18	9.45	701	634	44	718	1108	288	1396	6	2164	2170	0	0	0	7	0	7
740	0	1734	2456	4190	19	9.42	701	568	44	644	940	316	1256	0	2140	2140	0	0	0	7	0	7
740	0	1201	2457	3660	20	9.64	701	0	44	306	11	339	350	0	2120	2120	0	0	0	7	0	7
740	0	848	2452	3300	21	9.74	695	0	44	304	8	342	350	0	2110	2110	0	0	0	240	0	240
740	0	1111	2449	3560	22	9.44	691	0	44	308	13	339	352	0	2110	2110	0	0	0	348	0	348
740	0	1150	2450	3600	23	9.84	697	0	0	348	18	330	348	0	2120	2120	0	0	0	342	0	342
733	0	828	2452	3280	24	9.72	693	0	0	383	-9	392	383	0	2060	2060	0	0	0	320	0	320
733	0	838	2432	3270	25	9.62	689	0	0	472	0	472	472	0	1960	1960	0	0	0	320	0	320
733	0	908	2431	3340	24	9.66	691	0	0	531	0	531	531	0	1900	1900	0	0	0	320	0	320
276	928	2262		3190	27	9.61	691	0	0	412	0	412	412	0	1850	1850	0	0	0	317	0	317
198	846	2134		2980	28	9.36	511	0	6	404	0	404	404	0	1730	1730	0	0	0	320	0	320
411	234	2104		2340	29	9.46	0	0	0	404	0	404	404	0	1700	1700	0	0	0	309	0	309
425	-31	2081		2060	30	9.41	0	0	0	401	0	401	401	0	1680	1680						
420	-182	2082		1900																		

Name of Canal	No.	Apr 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May 1	2	3	4	5	6	7	8	9	10	11
Swan Valley Users	1																																				
Poplar Irr. District	3																																				
Progressive Irr. District	4																																				
Farmers Friend	5																	8	8	39	37	31	31	8	4	4	4	0	0	0	0	0	0	0	0	0	0
Enterprise	6																																				
Nelson	7																																				
Heffner - Craig	8																																				
Arensberger	9																																				
Butler Island	10																																				
Ross and Rand	11																																				
Steele	12																																				
Harrison	13																																				
Chaney	14																																				
Ruby	15																																				
Kile & Nord	16																																				
Rapids	17																																				
Clark & Edwards	18																																				
Lavender & Jennings	19																																				
East Labelle	20																																				
Sandhill Irr. District	21																																				
Lenroot	22																																				
Reid	23																																				
Hill Pettinger	24																																				
Rigby	25																																				
Dilts	26																																				
Island	27																																				
West Labelle - Long Island	28																																				
Peake & Lewisville	29																																				
North Rigby	30																																				
Ellis	31																																				
Bramwell	32																																-13	7	14	20	8
Henrys Fork Canals ①	33																																				
Byrd & Market Lake	34																																0	71	76	76	31
Osgood	35																																				
Bear Island	36																																				
Smith	37																																				
Idaho Irr. District	38																																				
Kennedy	39																																				
Marsie	40																																				
New Sweden Irr. District	41																																				
Woodville	42																																				
Snake River Valley Irr. District	43																																				
10% Penalty on stored normal H-W	44																																				
TOTAL HEISE - WOODVILLE	46																																				
Reservation	48																																				
Blackfoot	49																																				
New Lava Side	50																																				
Peoples	51																																				
Aberdeen	52																																				
Corbett	53																																				
Riverside	54																																				
Franklin	55																																				
Trego	56																																				
Wapello	57																																				
10% Penalty on stored normal W-B	58																																				
TOTAL WOODVILLE - BLACKFOOT	59																																				
	61			0	73	559	635	586	586	442	442	319	573	634	709	872	1144	1204	1354	1468	1429	1352	1218	1157	1343	1383	1394	1294	1278	1240	1344	1407	1
Minidoka Canals	62			0	24	23	24	24	24	24	24	24	0					0	18	26	29	35	42	51	55	105	104	125	133	138	126	140	1
Milner Low Lift	63							0	7	101	112	171	334	297	313	346	372	338	358	351	368	329	385	390	405	402	434	435	401	385	368	437	421	3
T-S Canal Co.	64			0	97	84	21	9	9	54	20	8	17	43	40	110	280	768	1140	1285	1035	1014	1000	1051	1158	1329	1440	1630	1510	1584	1735	1916	1975	1
N.S. Canal Co.	65			160	338	542	564	569	567	566	562	563	603	630	709	750	788	803	830	861	817	859	864	961	864	844	889	884	958	859	861	837	844	8
Reading Project	66																																				
Idaho Power Co.																																					

① See Plate No. 22 for details

DAIL

DAILY STORAGE DIVERSIONS 1934

Sec. Ft. except as otherwise noted

17	18	19	20	21	22	23	24	25	26	27	28	29	30	July 1	2	3	4	5	6
15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	18	18	18	18	18
0	6	7	7	7	5	6	12	12	16	16	16	16	16	13	13	19	18	19	20
0	-136	-136	-136	-136	-139	-139	19	63	-68	-35	113	263	263	295	295	314	314	307	307
-304	-304	-304	-300	-37	37	37	37	37	37	37	36	36	0						
	0	71	71	71	74	74	74	74	74	80	79	79	55	50	50	50	50	50	50
		0	3	0															0
0	4	4	0																0
-37	390	390	393	394	394	394	-41	-47	-99	-449	-449	-449	402	402	398	402	402	402	402
-1	-3	-4	1	2	2	0	0								0	3	4	6	5
-13	-10	-1	5	30	31	31	29	28	27	26	25	23	23	21	19	80	73	0	28
0	0	0	0	1	7	1	7	7	7	7	3	3	6	0					0
234	183	183	217	0															
0																			
							0	50	50	52	52	52	52	0					
-57	-57	-57	-57	-17	-17	-17	-17	63	61	61	66	59	68	68	65	-17	-17	-17	-17
-21	-21	0	22	24	28	109	109	111	107	100	-16	-16	-16	-16	-16	-16	-16	-16	50
										0	78	78	77	76	76	75	-2	-3	-2
-2	-1	-2	-1	-1	-2	-1	-2	-1	-1	-2	-1	2	-1	-1	2	2	2	2	2
0						0	-6	-8	-6	-6	-6	0	0	0	0	0	0	-144	-144
0	28	28	28	28	28	0								0	29	29	28	-28	0
		0	-75	-66	-66	-66	-66	20	44	60	60	60	60	60	60	60	-66	-66	-66
												-178	-192	-235	-189	-76	0		
-66	-12	-4	6	17	59	117	0	0	0	0	0	142	142	360	375	317	318	387	413
0	0	0	139	150	163	177	177	76	0	0	0	216	243	243	243	243	199	190	190
95	97	100	101	101	101	101	106	106	109	112	112	114	113	113	-9	-9	-9	-9	-9
							0	1	0	2	1	2	0	0	2	3	0	0	2
									0	1	1	1	0	1	0	1	1	2	1
-887	-246	0	0	0	42	243	238	235	264	261	269	287	287	281	293	430	510	341	349
-8	-20	-18	3	5	7	14	15	12	13	15	11	8	8	8	8	8	8	8	8
0	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	0			
124	118	153	154	157	158	163	170	170	356	334	324	329	340	191	175	196	191	196	193
0	69	67	78	78	75	71	0	0	0	0	72	70	85	80	76	76	76	76	0
125	342	331	146	142	131	142	61	53	53	45	39	34	32	32	307	319	334	345	124
-150	-90	-57	-61	-35	-24	-24	-14	-6	-13	-10	-8	-27	-33	-15	-15	-12	-16	-28	-27
-984	335	774	832	1033	1114	1453	927	1076	1101	1125	1295	1619	2057	2052	2338	2387	2409	2079	1568
0																			
-179	29	0	0	0	0	168	165	161	170	168	167	190	156	167	167	0	0	183	185
														0	57	58	54	60	0
-31	-21	344	398	398	392	346	388	-21	-21	-21	-11	-21	384	394	402	394	394	394	-31
391	393	398	460	481	476	476	473	414	430	427	430	465	433	401	410	410	407	403	458
-17	-53	-31	-53	-48	-50	-52	0	45	64	71	78	73	70	88	76	61	60	41	0
		-100	-100										-45	-54	-47	-30	-17	0	
					0	-31	-79	-50	0										0
0	34	38	41	72	88	48	24	20	66	70	70	0	0						
-34	-8	-22	-17	-5	-5	-9	-8	-7	-2	-6	-2	-2	-5	-6	-5	-3	-3	0	-2
152	306	310	330	898	881	996	968	662	907	913	922	905	1193	1196	1261	1091	1090	1311	1248
1502	1502	1940	1911	1533	1654	1637	1708	1735	1701	1602	1469	1587	1578	1527	1944	1424	1394	1520	1440
0	0	41	70	76	86	107	107	115	118	112	110	116	121	126	126	135	124	124	127
336	413	593	408	390	365	418	442	418	442	514	485	518	499	498	518	531	570	646	613
1940	1334	1314	1316	2013	2018	2088	2089	2068	2001	2062	1392	412	383	389	402	346	342	1526	1360
1940	1334	1314	1316	2013	2018	2088	2089	2068	2001	2062	1392	412	383	389	402	346	342	1526	1360

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
16	16	16	12	12	12	15	15	15	19	19	18	18	18	16	15	11	6	4	6	0	0	0
10	312	311	279	263	263	279	281	279	279	261	260	260	260	259	259	263	239	237	235	237	237	237
50	50	50	50	49	48	50	50	50	50	49	50	50	48	48	16	16	16	16	16	16	16	16
0																						
3	2	2	0	3	3	3	3	3	0	3	1	0	0	0	0	0	3	0	2	0	4	1
402	402	-49	-49	-50	-50	-50	-50	402	402	402	402	402	400	402	-49	-47	-49	-50	-50	-50	400	400
5	5	6	2	0	0	0	1	1	0						0	1	1	2	2	0	0	0
28	28	33	35	85	134	135	133	0	-6	-6	-6	341	139	140	140	135	135	136	136	-6	-7	-8
	0	6	6	8	3	4	4	3	0	0	0	0	0	3	4	3	3	3	3	5	6	0
											0	-336	-338	-17	96	49	60	60	61	0	96	191
		0	2	2	2	40	50	50	52	52	2	2	2	2	2	2	2	2	2	2	2	2
							0	-106	-108	-108	-108	-108	-108	0							0	-106
-17	-17	-17	61	63	63	66	59	59	65	65	-17	-17	-17	-17	-17	-17	66	63	71	68	67	64
115	110	120	125	85	-16	-16	-16	-16	-16	-16	-16	-16	110	110	104	102	-16	-16	-16	-16	-16	-16
-4	0	78	78	76	77	77	76	-23	-63	-63	-63	75	72	66	75	75	72	70	66	-61	-61	-61
2	2	2	2	2	2	2	2	2	2	2	-1	-1	-1	-1	-1	0	1	3	2	-1	-1	3
-144	-144	0	0	13	9	20	49	58	53	35	0	38	49	51	-63	-63	-63	-63	-65	-92	74	-52
-66	-66	-66	57	57	57	87	57	87	57	-66	-66	-66	-66	-66	-66	-66	57	57	57	57	57	57
								0	-109	-105	-110	0	0	0	-67	-67	-96	-109	-105	-105	-105	-105
														0	-194	-188	-205	-18	0			

No.	Total Sec. Ft.	Total Ac. Ft.	Jackson Equiv. Ac. Ft.	Yellowstone Right Ac. Ft.	Am. Falls Right Ac. Ft.
1	1065	2110	2276	0	0
2	1149	2280	2469	631	1458
3	8470	16784	18094	0	14455
4	-5837	-11610	-12536	1651	0
5	3410	6756	7286	3268	7288
6	20	40	43	0	0
7	27	54	58	0	0
8	-100	-198	-214	0	0
9	-94	-186	-201	0	0
10	-38	-75	-81	0	0
11	-57	-113	-122	0	0
12	9210	18280	19716	1669	11447
13	-12	-24	-26	0	0
14	2624	5203	5611	1651	1476
15	-13	-26	-28	0	0
16	4520	4067	9733	3276	5662
17	-363	-720	-777	0	0
18	350	694	748	647	0
19	-752	-1490	-1608	0	0
20	1235	2450	2643	2103	0
21	2530	5018	5411	1678	3485
22	733	1435	1547	0	1547
23	22	44	47	0	0
24	0	0	0	0	0
25	432	856	923	0	923
26	-909	-1800	-1942	0	0
27	-13514	-26800	-28910	0	0
28	-602	-1192	-1286	0	0
29	-750	-1489	-1606	0	0
30	-33	-65	-70	0	0
31	0	0	0	0	0
32	16980	33653	36308	0	36308
33	3960	7855	8473	0	8473
34	9101	18040	19461	0	19461
35	80	158	170	0	170
36	40	79	85	0	85
37	16930	33572	36218	0	36218
38	254	504	543	0	543
39	1335	2647	2855	399	2065
40	11380	22596	24368	2429	21565
41	3311	6560	7076	0	8612
42	16550	32848	35428	1808	20896
43	-9351	-18550	-20008	0	0
44	83448	165530	178581	44965	119745
45	0	0	0	0	0
46	6015	11932	12871	0	12871
47	1010	2005	2162	0	1741
48	12900	25585	27601	4585	22016
49	37200	73805	79617	13547	64070
50	2271	4505	4861	0	4861
51	-1120	-2224	-2398	0	0
52	-2750	-5456	-5886	0	0
53	784	1555	1677	0	1677
54	-137	-272	-293	0	0
55	-2614	-5186	-5593	0	0
56	53359	105846	114181	24632	89549
57	173801	344734	371844	0	371844
58	14341	28445	30681	0	30681
59	77825	154364	166508	23581	142927
60	192269	381283	411292	0	411292
61	156717	310848	335328	0	335328
62	3156	6260	6753	0	6753

Lake Ac.Ft	Jackson Lake Right	Jackson Lake Ac.Ft.	Am. Falls Right	Am. Falls Ac.Ft.	Seasonal Purchases Ac.Ft.	Total Right Ac.Ft.	Am. Falls holdover Ac.Ft. Oct 1, 1934
0		0		0	(1) 2370	2370	
20		631		1448	(3) 485	2564	
46		0		14455	(4) 3641	18096	104
30		1052		0	(5) -12881	-11829	0
86		3208		7282	(6) -3264	7386	0
43		0		0	(7) 50	50	0
88		0		0	(8) 106	106	0
214		0		0	(9) -214	-214	0
201		0		0	(9) -201	-201	0
81		0		0	(10) - 81	- 81	0
82		0		0	(11) - 119	- 119	0
10		2629		11941	(12) 5140	19710	0
26		0		0	0	0	0
11		1052		1976	(13) 2583	5611	0
28		0		0	0	0	0
72		2692		5667	(14) 1413	9772	0
777		0		0	(15) -777	-777	0
48		547		0	(16) 201	748	0
10		0		0	(17) -1078	-1078	0
42		2103		0	(18) 539	2642	0
111		1578		3405	(19) 428	5411	0
47		0		1547	0	1547	0
47		0		0	(20) 47	47	0
0		0		0	0	0	0
33		0		423	0	423	0
40		0		0	(21) -1620	-1620	0
20		0		0	(22) -25028	-25028	0
85		0		0	(23) -1285	-1285	0
05		0		0	(24) -1405	-1405	0
70		0		0	0	0	0
0		0		0	0	0	0
02		0		9071	(25) 27251	36302	0
69		0		2269	(26) 6200	8469	0
50		0		19673	(27) 1100	20773	1323
70		0		170	0	170	0
85		0		64	(28) 21	85	0
02		0		26716	(29) 9486	36202	0
43		187		0	(30) 356	543	0
54		789		2065	0	2854	0
43		2629		21565	(31) 169	24363	0
80		0		8612	(32) -604	8008	920
18		1888		20896	(33) 6634	35418	0
00		0		0	-17909	-17909	0
181		26985		159745	-776	185954	2355
0		0		0	0	0	0
0		0		0	0	0	0
56		0		12856	0	12856	0
60		0		742	(34) 1536	2278	0
58		4207		17023	(35) 5915	27155	0
65		22445		57527	(36) 4493	79465	109
55		0		4464	0	4464	0
98		0		0	(37) -2398	-2398	0
75		0		0	(38) -5615	-5615	0
77		0		1115	(39) 562	1677	0
93		0		0	(40) -270	-270	0
80		0		0	-863	-863	
22		26682		99227	3560	119239	109
		171321		63562	(41) 111700	346583	1849
		0		21855	(42) 6500	28355	2109
		0		156753	0	156753	17931
		5268		300456	(43) 15000	409214	4667
		0		328795	(44) - 8350	320545	0
				45000	(45) -38740	6260	

PLATE 14

NOTES

1. See Plate No. 22 for details
2. Rented from Pool,
3. 107 from Pool, 378 from Farmers Friend
4. 3323 from Enterprise, 318 from Farmers Friend
5. Sold 2480 to Rudy, 378 to Poplar, 318 to Progressive, 5500 to Snake River Valley, 4205 to Idaho
6. 3323 To Progressive, 119 from Steele
7. From Pool 54, from Arnsberger 214, To Snake River Valley 162
8. To Mattson-Craig
9. To Lowder Slough
10. To Snake River Valley
11. To Enterprise
12. From W. Labelle
13. 2480 from Farmers Friend, 103 from Pool
14. 1285 from Parks & Lewisville, 128 from W. Labelle
15. To Fall River Canal
16. From Butler Island
17. To Idaho
18. From North Rigby
19. To Con. Farmers 1380, St Anthony Union 3420, Marysville 1070, Lower Teton 2140, Harrison 5140, Butte & M.L. 6200, Burgess 128, Idaho 1920, Aberdeen 3630
20. To Burgess
21. To Sunnydell 535, Lenroot 428, Idaho 642
22. From Pool 14684, W Labelle 8010, Clark & Edwards 777, Slide Lake 3760
23. Yield of Twin Lakes
24. 4205 from Farmers Friend, 1078 from B. Labelle, 1620 from Island 1920 from W. Labelle, 642 from N. Rigby, 21 from Pool
25. From Woodville 604, Wearyrick 290, Farmers Friend 5500, Mattson-Craig 162, Ross & Rand 81, Pool 17.
26. From Riverside 673, Danskin 863
27. From Danskin 4100, Riverside 1725
28. From W. Labelle 3630, Pool 863
29. To New Lava Side 673, Peoples 1725
30. To New Lava Side 863, Peoples 4100, Trago 562
31. From Danskin
32. To Snake River Valley
33. Lake Walcott 97110, Transfer from Ida. Power 25000, from Gooding 6750, less 6260 repaid to Power Co. by Sept 30 and 10900 less Neeley To Milner during storage release period Apr 1 - Sept 30
34. 5000 from Idaho Power, 1500 from Gooding
35. Includes 44886 from Hillsdale Dist right
36. From Idaho Power Co. right
37. 6750 to Minidoka, 1500 to Milner Low Lift
38. 15000 To N.S. Canal Co., 5000 To Milner Low Lift, 25000 To Minidoka less 6260 repaid by Sept 30

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Number | Washington ... District ...

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No. 15

TIPTON CLOUGH TO RUEGER - 10 Hrs.
RUEGER TO MINIDOKA - 8 Hrs.
MINIDOKA TO MILNER - 12 Hrs.

Checked by ... Date ...

DAILY DISCHARGE IN SEC FT. OF HENRYS FORK CANALS FOR APRIL 1934

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ABOVE SQUIRREL																74	76	76	76	76	76	76	76	76	76	76	0	0	0	0	0
FARMERS OWN																76	76	76	76	76	76	76	76	76	76	76	0	0	0	0	0
ALMY																33	33	33	33	33	33	33	33	33	33	33	0	0	0	0	0
ENTERPRISE																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER																0	0	0	0	0	0	0	0	5	11	5	0	5	10	10	11
McBEE																290	320	351	383	398	413	436	459	458	466	451	439	437	435	409	383
CHESTER																5	5	5	4	5	5	5	5	5	5	5	6	6	5	5	5
SILKY																80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CURR																21	20	19	18	20	23	25	27	28	29	29	30	27	24	26	27
TOTAL SQUIRREL - CHESTER																58	58	54	51	51	51	46	41	44	47	48	48	47	46	42	37
																487	436	463	489	507	525	545	564	573	591	539	523	512	520	492	463

NAME OF CANAL	Total
YELLOWSTONE	0
HARRIGFELD	0
MARYSVILLE	0
TOTAL ABOVE SQUIRREL	760
FARMERS OWN	760
ALMY	330
ENTERPRISE	0
BELL	0
FALL RIVER	57
McBEE	6529
CHESTER	81
SILKY	80
CURR	393
TOTAL SQUIRREL - CHESTER	7689

No Record

HENRYS FORK CANALS

DEWEY																16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
LAST CHANCE																87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87
ST. ANTHONY UNION																439	438	483	529	514	498	514	529	526	523	528	534	526	517	516	514
FARMERS FRIEND																252	0	0	0	0	0	0	0	0	0	0	0	0	0	78	330
TWIN GROVES																140	0	0	0	0	0	0	0	0	140	151	151	150	148	152	157
SALEM UNION																204	201	200	0	0	0	0	0	0	217	223	229	213	197	219	241
TOTAL ASHTON - ST. ANTHONY																1138	639	683	529	514	498	514	529	526	880	902	914	809	862	897	490
EGIN																351	349	344	378	386	393	404	415	421	427	410	393	344	396	397	393
ST. ANTHONY UNION FEEDER																82	81	83	85	84	84	91	98	98	99	100	100	99	98	99	90
INDEPENDENT																300	297	297	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSOL. FARMERS																268	266	178	98	98	98	84	77	160	242	237	233	228	224	228	233
TOTAL ST. ANTHONY - REXBURG																1001	993	922	553	560	567	579	590	679	768	747	726	721	718	716	716

NAME OF CANAL	Total
DEWEY	16
LAST CHANCE	87
ST. ANTHONY UNION	9129
FARMERS FRIEND	330
TWIN GROVES	1189
SALEM UNION	2144
TOTAL ASHTON - ST. ANTHONY	11894
EGIN	6268
ST. ANTHONY UNION FEEDER	1466
INDEPENDENT	894
CONSOL. FARMERS	2928
TOTAL ST. ANTHONY - REXBURG	11556

TETON RIVER CANALS

SIDDOWAY																6	6	7	8	9	5	0	0	0	6	12	12	12	13	13	120
WILFORD																76	72	68	68	68	58	48	55	62	62	63	65	67	66	66	1029
TETON IRRIGATION																27	30	33	42	50	42	35	52	68	65	62	64	66	66	65	832
GOOD LUCK																11	11	11	10	10	11	12	12	13	14	15	14	14	13	13	197
PIONEER																13	12	10	9	9	11	14	12	10	13	16	16	16	15	14	203
STEWART																11	10	8	9	10	12	13	13	13	13	13	12	11	11	11	180
PINLOCK - BYINGTON																9	6	4	6	8	8	9	9	8	8	9	9	9	9	8	127
PINLOCK - GARNER																15	13	11	8	9	10	11	10	10	10	10	10	10	10	10	167
TETON ISLAND FEEDER																155	138	131	98	98	116	133	178	224	233	242	230	219	213	207	2321
NORTH SALEM																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REXANA																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WORDSWORTH JOHNSON																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG																25	25	25	28	32	27	26	26	26	25	26	26	26	26	26	417
REXBURG IRRIGATION																113	111	109	104	99	141	158	146	134	140	145	165	137	136	136	2110
McGARRIGH - HOYE																0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON RIVER																459	434	407	390	403	441	459	513	568	590	612	623	587	577	568	575

NAME OF CANAL	Total
SIDDOWAY	120
WILFORD	1029
TETON IRRIGATION	832
GOOD LUCK	197
PIONEER	203
STEWART	180
PINLOCK - BYINGTON	127
PINLOCK - GARNER	167
TETON ISLAND FEEDER	2321
NORTH SALEM	0
REXANA	0
ISLAND WARD	0
WORDSWORTH JOHNSON	0
CITY OF REXBURG	417
REXBURG IRRIGATION	2110
McGARRIGH - HOYE	0
TOTAL TETON RIVER	8203

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR MAY 1934

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	FEET PER DAY
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARNIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	82	108	116	157	171	192	194	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	1419
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	82	108	116	157	171	192	194	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	1419
FARMERS OWN	0	0	0	0	0	0	43	43	58	61	65	43	26	26	26	26	26	26	26	26	0	0	0	0	0	0	0	0	0	0	0	533
ALMY	0	0	0	0	0	0	0	0	0	0	0	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
ENTERPRISE	0	0	110	124	122	120	122	124	133	142	142	142	133	124	125	126	122	118	118	118	118	118	119	120	118	116	116	120	120	120	120	3512
BELL	10	9	8	8	8	9	11	13	13	13	12	12	10	7	9	11	12	12	12	11	10	9	8	6	6	7	6	6	7	5	5	285
FALL RIVER	318	313	337	343	352	360	346	331	344	356	348	339	325	310	335	340	350	339	337	335	330	326	324	322	326	331	320	329	318	306	306	10446
McBEE	5	5	5	5	5	5	5	6	6	7	6	6	5	4	5	5	5	6	6	5	6	6	5	4	4	4	4	4	3	3	3	152
CHESTER	0	0	0	0	0	0	0	0	0	44	51	59	46	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	367
SILKEY	26	25	24	24	25	26	28	31	28	26	24	23	20	17	20	21	22	23	22	20	19	18	18	18	18	18	15	12	7	7	7	633
KURR	35	33	33	32	36	40	37	34	35	36	36	36	30	25	27	29	29	30	36	41	35	29	28	27	29	31	31	31	34	36	36	1017
TOTAL SQUIRREL-CHESTER	454	445	517	536	548	560	594	582	617	685	685	663	598	548	582	579	565	554	553	550	518	506	502	497	501	507	504	502	480	478	477	16403

HENRYS FORK CANALS

DEWEY	0	0	0	0	0	0	7	14	16	19	20	19	21	23	18	13	14	14	14	14	14	13	12	10	10	10	10	10	9	8	8	340
LAST CHANCE	40	40	40	40	40	40	43	46	58	69	66	63	60	56	56	57	59	61	58	65	54	52	43	35	38	40	29	18	18	19	19	1412
ST. ANTHONY UNION	483	452	451	450	451	452	444	477	476	475	464	452	414	397	398	400	412	423	430	436	438	440	470	500	496	492	473	454	451	448	448	13977
FARMERS FRIEND	76	74	48	22	22	22	48	74	97	120	74	27	27	27	27	27	25	23	22	22	22	0	0	0	0	0	0	0	0	0	0	926
TWIN GROVES	156	154	145	135	135	135	130	130	137	126	116	118	121	117	113	106	99	107	115	119	123	114	105	105	105	0	0	0	0	0	0	3083
SALEM UNION	241	241	241	241	245	245	254	262	258	213	205	197	170	143	190	237	227	217	217	217	209	201	177	153	144	136	146	157	136	116	116	6130
TOTAL ASHTON-ST. ANTHONY	996	961	925	888	893	894	955	1011	1022	1022	945	876	813	763	802	840	836	845	856	863	860	820	807	803	793	678	658	634	614	541	541	25868
EGIN	342	331	324	317	317	317	330	342	335	328	328	328	308	288	290	292	301	310	304	299	302	306	306	306	310	313	304	295	286	277	277	9633
ST. ANTHONY UNION FEEDER	98	95	95	94	96	98	104	109	103	98	93	88	85	81	82	82	83	84	84	85	82	78	74	70	70	71	70	69	68	67	64	2623
INDEPENDENT	0	87	134	164	164	168	172	176	172	168	162	156	138	120	110	99	103	147	146	144	146	147	141	135	138	142	140	139	136	134	133	4251
CONSOLIDATED FARMERS	216	218	211	204	209	214	218	214	209	229	247	267	284	231	174	204	232	261	228	183	138	128	117	95	122	123	122	122	121	120	134	5315
TOTAL ST. ANTHONY-HEYBURN	696	731	756	779	786	797	824	841	819	822	830	839	817	721	658	677	719	802	762	711	668	659	638	606	640	648	636	625	611	604	610	22322

TETON RIVER CANALS

SIDDOWAY	13	13	11	11	12	13	14	13	12	11	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	11	11	11	11	11	11	327
WILFORD	65	65	65	66	67	68	69	71	73	70	68	68	67	68	68	68	68	68	68	68	68	68	68	68	67	66	65	64	64	64	64	1084
TETON IRRIGATION	66	63	60	60	59	67	35	63	51	56	60	60	61	59	57	60	62	62	70	72	74	72	71	72	72	73	74	76	78	80	82	2067
GOOD LUCK	14	14	14	14	14	16	17	8	0	6	11	12	13	13	14	14	14	14	14	15	16	12	13	12	10	10	10	10	10	12	14	380
PIONEER	13	12	13	14	16	14	11	10	9	9	9	9	9	10	11	12	13	14	15	13	11	11	11	11	11	11	11	11	11	11	11	356
STEWART	10	10	10	9	9	9	13	11	11	10	8	9	10	9	9	9	10	10	10	12	14	13	13	13	13	14	13	13	13	14	14	344
PINCOCK-BYINGTON	8	8	8	8	7	8	8	8	8	10	15	16	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	239
PINLOCK-GARNER	10	10	10	10	10	12	13	13	13	12	12	11	10	12	15	15	11	13	13	12	0	14	15	12	9	9	9	9	9	9	9	331
TETON ISLAND FEEDER	334	333	343	339	338	346	362	368	390	383	356	336	276	198	176	155	165	175	197	214	213	207	191	155	163	151	138	135	117	109	115	6122
NORTH SALEM	0	0	0	0	0	0	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
MORANO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REXBURG IRRIGATION	20	25	24	24	24	25	26	24	24	26	28	24	25	23	22	23	23	26	28	29	30	27	28	27	30	30	29	30	30	29	30	815
MCCUMICK-HOWE	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	2	2	0	0	0	0	0	0	0	0	0	0	110
TOTAL	575	570	580	571	583	603	644	614	601	633	644	634	630	551	512	501	535	563	570	580	564	541	526	497	511	514	490	484	466	463	477	15503

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JUNE 1934

PAGE NO. 17

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	82	82	103	103	103	0	0	0	0	0	0	0	73	73	73	73	73	73	0	0	0	0	0	0	0	911
TOTAL ABOVE SQUIRREL	0	0	0	0	0	82	82	103	103	103	0	0	0	0	0	0	0	73	73	73	73	73	73	0	0	0	0	0	0	0	911
FARMERS OWN	0	0	0	0	0	28	28	44	44	44	0	0	0	0	0	0	0	30	30	44	44	44	44	0	0	0	0	0	0	0	424
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	133	133	0	0	0	0	0	0	136	136	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	48	1018
BELL	6	8	9	6	4	5	6	5	4	3	2	3	3	3	2	4	5	5	4	4	5	4	0	0	0	0	0	0	0	0	100
FALL RIVER	295	340	385	382	379	392	404	372	341	346	350	366	383	383	383	388	394	388	383	372	360	392	0	0	0	0	0	0	0	0	8178
McBEE	2	3	4	4	4	4	4	6	7	5	2	3	3	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
CHESTER	0	0	0	0	0	0	0	0	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132
SILKEY	11	15	19	16	12	10	8	15	23	7	7	7	6	5	5	18	0	0	7	7	0	0	0	0	0	0	0	0	0	0	198
CURR	40	40	40	40	40	39	38	37	36	29	22	31	40	38	37	37	36	35	34	35	35	35	34	35	35	35	36	34	25	25	1051
TOTAL SQUIRREL - CHESTER	487	539	457	448	439	478	488	479	457	636	383	410	435	431	429	450	435	458	458	462	492	523	126	83	83	83	84	82	73	73	11161

HENRYS FORK CANALS

DEWEY	8	8	8	8	8	8	8	14	20	14	9	8	7	7	6	6	6	6	7	7	7	7	7	7	0	0	7	7	7	7	229
LAST CHANCE	0	0	0	0	0	0	38	52	65	55	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	45	44	44	477
ST ANTHONY UNION	446	446	446	436	415	412	398	408	417	393	369	388	408	390	372	384	397	408	419	424	429	430	432	426	421	434	446	425	404	404	12 437
FARMERS FRIEND	0	0	0	0	51	51	0	0	193	193	0	0	77	64	51	45	51	50	0	0	0	0	0	0	0	0	0	0	36	36	898
TWIN GROVES	0	0	0	0	38	38	0	0	153	150	0	0	122	122	0	82	55	55	0	0	0	0	0	0	0	0	0	0	0	0	815
SALEM UNION	90	90	0	0	0	0	130	184	239	230	0	0	127	130	114	106	78	78	0	0	0	0	130	141	152	158	163	158	152	154	2742
TOTAL ASHTON - ST. ANTHONY	549	544	454	444	512	509	574	658	1087	1035	422	440	741	703	543	623	587	597	426	431	436	437	569	574	573	592	662	635	643	643	17 648
EGIN	290	290	292	283	272	265	258	255	252	253	254	255	256	258	261	271	281	271	261	256	252	259	266	262	259	259	259	256	212	212	7807
ST ANTHONY UNION FEEDER	65	44	68	74	80	81	82	65	48	48	48	59	70	67	64	58	51	56	62	66	71	64	58	73	86	84	82	83	84	84	2049
INDEPENDENT	134	134	134	136	137	138	140	116	112	110	109	128	147	140	134	132	109	124	140	95	51	50	48	54	61	54	48	48	44	44	3061
CONSOLIDATED FARMERS	131	129	150	172	169	167	158	149	191	233	61	167	132	97	82	66	102	139	130	131	130	130	0	0	0	0	0	0	142	142	3270
TOTAL ST. ANTHONY - REXBURG	619	619	644	664	658	651	638	595	603	644	472	609	605	562	541	517	543	590	593	536	444	493	372	389	408	389	384	367	482	482	16 187

TETON RIVER CANALS

SIDDOWAY	5	0	5	9	6	9	9	10	10	10	8	5	7	9	8	8	8	8	8	8	8	8	7	7	8	8	8	0	0	0	204
WILFORD	54	54	54	53	52	51	53	54	57	60	61	62	64	65	66	67	67	67	58	50	50	50	50	50	52	53	51	41	42	0	1613
TETON IRRIGATION	81	81	78	77	60	58	55	52	52	52	52	55	56	58	44	40	43	46	46	45	45	45	36	28	30	33	34	35	39	5	1474
GOOD LUCK	12	10	10	9	8	8	8	8	8	8	8	7	6	6	5	8	7	7	8	10	9	8	8	7	8	9	10	5	5	0	229
PIONEER	11	11	11	11	10	10	8	7	7	0	0	0	0	11	11	11	11	11	11	10	10	9	11	11	11	11	11	11	11	11	264
STEWART	14	14	14	14	13	12	15	17	16	14	14	13	13	14	14	14	14	14	14	13	13	13	12	13	13	13	13	11	11	8	400
PINCOCK - BYINGTON	7	7	7	7	7	7	8	9	8	7	7	7	7	7	7	6	6	7	7	6	6	6	6	6	6	6	6	7	7	7	204
PINCOCK - GARNER	9	9	9	9	9	10	10	10	10	10	10	10	10	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	294
TETON ISLAND FEEDER	139	137	131	135	109	83	104	135	150	141	186	180	183	146	134	131	117	113	111	109	104	109	98	87	94	102	104	105	86	86	3625
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORANO	10	10	11	12	11	10	12	15	16	16	13	10	9	8	8	8	8	8	8	9	8	8	7	7	7	7	7	7	7	7	254
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE - JOHNSON	0	0	0	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
CITY OF REXBURG	35	35	34	36	29	34	35	35	44	39	37	33	30	15	19	32	36	36	32	27	24	33	26	24	34	35	35	32	25	25	744
REXBURG IRRIGATION	136	135	134	113	112	111	136	144	138	133	117	136	116	105	103	101	110	120	117	113	111	104	110	114	114	114	114	114	112	112	3557
McCORMICK - ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	501	496	484	467	434	393	445	476	484	545	518	498	471	450	433	418	417	437	420	411	403	399	373	382	394	403	392	358	341	241	12 896

HENRYS FORK CANALS FOR JULY 1914

| | | |

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR AUGUST 1934
FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRISFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	25	25	25	25	12	0	0	0	0	0	0	0	0	0	0	0	85	108	100	100	109	0	0	0	0	0	0	0	0	0	0	614
TOTAL ABOVE SQUIRREL	25	25	25	25	12	0	0	0	0	0	0	0	0	0	0	0	85	108	100	100	109	0	0	0	0	0	0	0	0	0	0	614
FARMERS OWN	0	0	0	0	0	16	23	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	191
RAMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	121	138	138	138	75	52	111	111	116	120	120	113	113	113	0	0	0	0	0	0	0	0	0	0	0	0	41	113	120	110	0	1474
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	0	46	50	55	54	52	52	87	70	52	52	0	0	0	0	0	32	32	32	24	17	17	17	17	0	0	0	0	0	0	0	758
McBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	3	3	3	0	0	3	3	0	0	0	0	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
SILKEY	0	1	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0	19
CURR	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	26	20	20	20	20	20	20	20	20	21	22	23	19	23	28	760
TOTAL SQUIRREL-CHESTER	150	214	217	219	155	150	216	248	236	237	237	143	143	143	30	55	51	52	44	37	37	45	45	20	21	25	26	62	136	148	148	3671

HENRYS FORK CANALS

DEWEY	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	52
LAST CHANCE	4	9	8	8	8	9	9	9	9	8	13	19	19	19	14	8	0	0	8	7	7	7	8	8	8	0	0	0	12	12	12	283
ST. ANTHONY UNION	171	171	172	174	144	114	132	150	128	128	128	128	128	128	128	80	82	83	83	147	146	144	146	147	140	132	132	132	132	132	132	4114
FARMERS FRIEND	20	20	0	0	0	0	0	0	0	0	0	0	10	10	5	0	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	151
TWIN GROVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	66
SALEM UNION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	0	0	0	0	0	0	0	116	116	0	0	0	0	0	0	361
TOTAL ASHTON-ST ANTHONY	201	201	182	184	154	125	143	161	139	138	143	149	159	159	149	219	135	136	126	189	155	153	156	273	266	134	134	132	144	144	144	5037
EGIN	249	249	249	249	282	236	283	290	276	241	241	241	258	254	252	256	256	256	256	256	93	93	100	100	100	100	100	100	100	100	140	6453
ST ANTHONY UNION FEEDER	40	40	40	40	40	40	40	24	24	28	28	28	28	28	28	14	14	14	14	14	14	23	22	20	20	20	20	33	33	33	31	837
INDEPENDENT	24	24	28	30	30	30	30	24	30	30	30	30	30	30	30	0	0	0	0	48	40	33	33	33	33	33	33	33	33	33	33	857
CONSOLIDATED FARMERS	98	0	0	0	0	0	0	0	0	0	92	0	0	0	0	0	0	0	0	0	0	0	0	0	108	101	0	0	0	0	0	399
TOTAL ST ANTHONY-REXBURG	342	345	347	349	352	356	350	343	332	319	411	319	316	312	310	270	270	270	270	318	147	149	155	153	261	254	153	166	166	169	164	9546

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	0	0	0	0	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0		91
WILFORD	0	19	0	0	0	0	0	4	6	5	4	4	26	26	26	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0		137
TETON IRRIGATION	73	0	0	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	29	26	33	33	60	23	0	0	0	0	0	0		317
GOOD LUCK	0	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		14
PIONEER	14	13	11	12	13	13	0	0	0	0	0	0	0	0	13	13	13	12	12	13	14	13	13	14	14	13	13	14	14	13		300
STEWART	9	8	8	8	8	8	8	7	7	6	8	8	8	8	0	8	8	8	8	9	8	0	0	0	8	8	8	4	4	8		230
PINCOCK-BYINGTON	4	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4		32
PINCOCK-GARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	0	0	0	0	0	0	0	0	0	0	0	0		33
TETON ISLAND FEEDER	0	0	115	393	393	393	0	0	0	0	0	0	336	336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185	184		1970
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
HOYANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
HILAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
WOODWARD-LEE-JOHNSON	0	0	0	0	0	0	17	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	14	14	0	0	0		119
CITY OF REXBURG	0	37	0	0	0	37	37	33	19	25	25	45	0	0	19	19	33	33	33	30	16	35	0	0	31	33	23	33	33	0	0	488
REXBURG IRRIGATION	115	165	0	0	0	115	115	100	101	116	161	151	0	0	134	109	110	109	109	115	104	107	92	82	114	114	100	101	111	0	0	2690
MCCORMICK-HOWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
TOTAL	210	255	142	307	265	566	204	184	170	140	176	201	370	370	192	160	165	163	117	182	165	185	165	187	164	170	154	154	149	213	204	6284

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR SEPT 1934

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIS FIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRYSVILLE	0	0	0	0	0	0	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	34	34	34	34	31	347
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	34	34	34	34	31	347
FARMERS OWN	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	135
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	143	143	143	145	137	0	0	0	0	0	0	0	0	0	110	112	114	115	115	114	33	33	33	33	33	33	33	33	33	33	1933
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	73	57	41	52	62	64	65	65	65	65	65	47	29	29	29	29	29	29	29	29	29	29	29	65	76	76	76	76	76	76	1565
McBEE	0	0	0	0	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
CHESTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILKEY	0	0	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	47
CURR	27	16	25	25	24	25	25	26	26	27	28	28	28	28	27	26	26	26	27	28	29	29	29	25	25	25	26	27	27	27	747
TOTAL SQUIRREL - CHESTER	243	226	211	224	227	98	99	99	99	100	101	84	66	65	173	174	177	178	179	179	99	99	99	131	135	141	142	143	143	143	4276

HENRYS FORK CANALS

DEWEY	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	4	4	4	65
LAST CHANCE	0	0	2	2	3	3	3	3	3	3	3	3	3	5	3	4	5	5	5	4	3	3	3	3	3	3	3	2	13	13	109
ST. ANTHONY UNION	129	129	101	101	101	101	101	102	104	116	129	129	129	129	129	125	121	121	121	118	115	116	117	118	118	118	118	118	118	118	3510
FARMERS FRIEND	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	20	16	13	10	10	10	10	10	36	36	368
TWIN GROVES	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	14	12	8	4	4	4	4	5	5	5	5	5	5	142
SALEM UNION	0	24	22	22	22	22	22	22	23	23	23	23	113	113	23	23	24	24	23	23	23	23	23	23	23	23	23	23	36	36	962
TOTAL ASHTON - ST. ANTHONY	134	167	140	140	141	142	142	143	146	158	171	171	261	261	171	169	166	174	173	170	168	165	165	161	162	161	162	162	208	208	5054
EGIN	81	70	76	91	106	103	100	119	130	118	98	96	95	95	95	96	97	99	97	100	102	105	108	113	103	90	96	89	93	94	2445
ST. ANTHONY UNION FEEDER	31	31	31	30	29	28	28	27	26	26	26	26	26	26	26	31	36	36	36	35	35	36	37	38	38	37	36	36	36	36	956
INDEPENDENT	95	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	33	32	32	32	32	32	355
CONSOLIDATED FARMERS	0	20	20	20	20	20	20	25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	805
TOTAL ST. ANTHONY - REXBURG	207	162	137	141	155	151	148	171	149	174	154	152	151	151	151	157	163	165	163	165	167	171	175	214	204	193	194	197	197	197	5111

TETON RIVER CANALS

SIDDOWAY	0	14	14	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	17	17	0	0	144
WILFORD	0	19	19	34	33	16	16	0	0	0	0	0	0	20	23	26	29	32	35	38	41	44	48	52	56	60	63	63	63	63	824
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	33	42	15	10	0	0	0	0	25	25	25	0	0	0	0	25	25	33	42	60	60	420
GOOD LUCK	0	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	44
PIONEER	12	0	0	0	12	12	12	12	12	12	12	11	0	0	12	12	12	12	12	11	0	0	0	0	0	12	12	12	12	12	236
STEWART	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	9	8	8	9	9	9	9	9	9	9	8	7	7	7	7	256
PINCOCK - BYINGTON	6	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	0	0	0	0	0	0	0	0	0	0	11	11	0	98
PINCOCK - GARNER	0	0	0	0	0	0	0	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	32
TETON SUND FEEDER	142	0	0	0	0	0	0	0	0	0	0	0	0	0	181	240	254	0	0	0	0	0	0	0	5	10	20	34	48	48	1123
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE - JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
CITY OF REXBURG	0	26	26	27	27	27	27	26	25	24	0	21	21	21	0	0	0	20	20	20	20	20	20	20	14	18	17	17	17	17	543
REXBURG IRRIGATION	0	114	109	108	108	106	108	113	114	114	114	101	105	108	0	0	0	95	95	101	105	105	113	121	127	117	88	76	63	63	2705
MCCORMICK - HOWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	169	144	177	191	191	181	185	169	168	200	187	157	157	170	265	317	323	303	297	284	175	178	190	221	260	265	254	270	293	283	6511

DATE	HENRYS LAKE AC. FT	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO WARM RIVER
		STOR.	NORM.	TOTAL	
MAY 1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27				4	
28	18478	22	14	36	0
29	18478	55	14	69	1
30	18578	48	14	62	1
31	18478	48	14	62	1
JUNE 1	18378	48	14	62	1
2	18278	48	13	61	1
3	18178	48	13	61	1
4	18078	49	13	62	1
5	17978	50	13	63	1
6	17878	49	12	61	1
7	17778	104	12	116	2
8	17578	167	12	179	2
9	17277	165	10	175	2
10	16977	206	10	216	3
11	16530	176	10	186	3
12	16155	49	10	59	1
13	16061	11	10	21	0
14	16061	12	9	21	0
15	16014	12	9	21	0
16	16014	12	9	21	0
17	15968	12	9	21	1
18	15968	12	9	21	0
19	15921	13	8	21	0
20	15874	13	8	21	0
21	15874	13	8	21	0
22	15874	13	8	21	1
23	15817	13	8	21	0

DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON
	STOR.	NORM.	TOTAL	
MAY 2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26	22	684	706	0
27	54	652	706	0
28	47	659	706	0
29	47	659	706	0
30	47	654	701	1
31	47	654	701	0
JUNE 1	47	654	701	0
2	48	653	701	0
3	49	669	718	1
4	48	670	718	0
5	102	698	800	1
6	165	747	912	1
7	163	857	1020	1
8	201	611	812	1
9	173	726	899	1
10	48	752	800	0
11	11	765	776	0
12	12	741	753	0
13	12	717	729	0
14	12	706	718	0
15	11	690	701	0
16	12	683	695	0
17	13	676	689	0
18	13	674	687	0
19	13	705	718	0
20	12	752	764	0
21	13	722	735	1

DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS ASHTON TO ST. ANTHONY			HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY			STORED BALANCE BELOW DIVERSIONS
	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
MAY 3				-13	938	925	13	797	810				13
4				7	881	888	-7	817	810				-7
5				14	877	891	-14	843	829				-14
6				20	874	894	-20	1010	990				-20
7				8	947	955	-8	1118	1110				-8
8				-5	1016	1011	5	1085	1090				5
9				17	1005	1022	-17	1057	1040				-17
10				38	984	1022	-38	981	943				-38
11				30	915	945	-30	840	810				-30
12				21	855	876	-21	859	838				-21
13				-2	825	823	2	808	810				2
14				-26	789	763	26	913	939				26
15				0	802	802	0	666	666				0
16				26	814	840	-26	755	729				-26
17				12	824	836	-12	777	765				-12
18				-3	848	845	3	744	747				3
19				-5	841	836	5	697	702				5
20				-7	870	863	7	659	666				7
21				-12	872	860	12	627	639				12
22				-16	836	820	16	598	614				16
23				-17	824	807	17	549	566				17
24				-18	821	803	18	532	550				18
25				-16	809	793	16	566	582				16
26				-13	691	678	13	561	574				13
27	22	940	962	-12	670	658	34	548	582				34
28	54	895	949	-11	650	639	65	501	566				65
29	47	902	949	-22	636	614	69	497	566				69
30	47	902	949	-34	625	591	81	469	550				81
31	46	890	936	-34	625	591	80	449	529	0			80
JUNE 1	47	902	949	-165	709	544	312	324	636	51	567	618	161
2	47	915	962	-120	664	544	167	407	574	49	570	619	118
3	48	914	962	-75	529	454	123	475	598	70	528	598	53
4	48	914	962	-78	522	444	126	480	606	92	523	615	34
5	48	982	1030	-81	603	523	129	477	606	89	569	658	40
6	101	949	1050	-78	587	509	179	411	590	87	566	653	92
7	164	1036	1200	-18	592	574	182	457	639	78	560	638	104
8	162	1508	1670	-36	694	658	198	1142	1340	69	526	595	129
9	200	1030	1230	-24	1111	1087	224	624	848	0	603	603	224
10	172	828	1000	-55	1094	1039	231	243	474	0	668	668	231
11	48	940	988	-66	488	422	114	387	501	0	572	572	114
12	11	951	962	-50	490	440	61	529	590	0	609	609	61
13	12	950	962	50	691	741	-38	574	536	25	580	605	-63
14	12	963	975	43	660	703	-31	539	508	17	545	562	-48
15	12	937	949	37	506	543	-25	512	487	0	541	541	-25
16	11	925	936	34	589	623	-23	479	456	0	517	517	-23
17	12	911	923	12	575	587	0	494	494	22	521	543	-22
18	13	923	936	66	531	597	-53	643	590	59	531	590	-112
19	13	910	923	-4	430	426	17	526	543	50	543	593	-33
20	13	1027	1040	4	425	431	7	632	639	47	597	538	-54
21	12	963	975	17	419	436	-5	575	570	40	494	494	-45
22	13	998	1010	59	378	437	-47	629	582	40	453	493	-87

HENRYS FORK - DAILY SEGREGATION OF FLOW IN SEC.-FT. - 1934

DA	ERSIONS V ST. ANTHONY NORM	ERSIONS V ST. ANTHONY TOTAL	STORED BALANCE BELOW DIVERSIONS
			13
			-7
			-14
			-20
			-8
			5
			-17
			-38
			-30
			-21
			2
			26
			0
			-26
			-12
			3
			5
			7
			12
			16
			17
			18
			16
			13
			34
			65
			69
			81
			80
567	618		161
570	619		118
574	644		52
577	664		34
569	658		46
564	651		92
560	638		104
526	595		129
403	603		224
644	644		231
472	472		114
609	609		41
580	605		-63
545	562		-48
541	541		-25
517	517		-23
521	543		-22
531	590		-112
543	593		-33
497	538		-34
434	494		-45
453	493		-87

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE STOR.	HENRYS FORK NEAR LAKE NORM.	HENRYS FORK NEAR LAKE TOTAL	STORED LOSS LAKE TO WARM RIVER
JUN. 20	15780	96	7	103	1
21	15592	128	7	135	2
22	15358	123	7	130	2
23	15027	124	7	131	2
24	14842	179	7	186	3
25	14514	210	7	217	3
26	14092	205	7	212	3
27	13670	114	7	121	2
28	13436	90	7	97	1
29	13248	107	7	114	2
30	13014	129	6	135	2
JUL. 1	12780	129	6	135	2
2	12545	127	6	133	2
3	12264	138	6	144	2
4	11983	145	6	151	2
5	11713	145	6	151	2
6	11405	162	6	168	2
7	11097	143	6	149	2
8	10745	232	6	238	3
9	10305	273	6	279	4
10	9733	282	6	288	4
11	9187	280	6	286	4
12	8643	227	6	233	3
13	8183	146	6	152	2
14	7890	223	6	229	3
15	7439	277	6	283	4
16	6888	266	6	272	4
17	6336	254	6	260	4
18	5863	237	6	243	4
19	5352	226	6	232	3
20	4918	195	5	200	3
21	4524	163	5	168	3
22	4209	140	5	145	2
23	3932	124	5	129	2
24	3657	149	5	154	2
25	3367	120	5	125	2
26	3113	89	5	94	1
27	2932	77	5	82	1
28	2787	73	5	78	1
29	2642	68	5	73	1
30	2533	58	5	63	1
31	2388	58	4	62	1
AUG. 1	2279	55	4	59	1
2	2170	41	4	45	0
3	2098	33	4	37	1
4	2062	31	4	35	0
5	1989	33	4	37	1
6	1917	34	4	38	1
7	1880	27	4	31	0
8	1808	25	4	29	0
9	1771	25	4	29	0

DATE	HENRYS FORK AT WARM RIVER STOR.	HENRYS FORK AT WARM RIVER NORM.	HENRYS FORK AT WARM RIVER TOTAL	STORED LOSS WARM RIVER TO ASHTON
JUN. 22	95	699	794	0
23	126	650	776	1
24	121	673	794	0
25	122	709	831	1
26	176	685	861	1
27	207	636	843	1
28	202	653	855	1
29	112	719	831	0
30	89	687	776	1
JUL. 1	105	659	764	0
2	127	649	776	1
3	127	649	776	0
4	125	651	776	1
5	136	634	770	1
6	143	627	770	1
7	143	627	770	0
8	160	610	770	1
9	161	609	770	1
10	229	632	861	1
11	269	568	837	1
12	278	540	818	1
13	276	567	843	1
14	224	558	782	1
15	144	638	782	1
16	220	562	782	1
17	273	545	818	1
18	262	581	843	1
19	250	605	855	1
20	235	596	831	1
21	223	587	812	1
22	192	596	788	1
23	160	616	776	1
24	138	656	794	1
25	122	666	788	1
26	147	617	764	1
27	118	629	747	0
28	88	630	718	1
29	76	630	706	0
30	72	646	718	0
31	67	645	712	1
AUG. 1	57	644	701	0
2	57	638	695	0
3	54	641	695	0
4	40	644	684	1
5	33	645	678	0
6	30	648	678	0
7	33	639	672	0
8	33	639	672	0
9	27	645	672	1
10	24	654	678	0
11	25	659	684	0

DATE	HENRYS FORK NEAR ASHTON STOR.	HENRYS FORK NEAR ASHTON NORM.	HENRYS FORK NEAR ASHTON TOTAL	DIVERSIONS TO ST. ANTHONY STOR.	DIVERSIONS TO ST. ANTHONY NORM.
JUN. 23	95	945	1040	247	3
24	126	915	1040	141	4
25	131	875	1006	152	4
26	121	999	1120	158	4
27	175	935	1110	209	4
28	206	884	1090	202	4
29	201	774	975	196	4
30	112	876	988	196	4
JUL. 1	88	912	1000	249	3
2	105	895	1000	252	2
3	126	874	1000	217	2
4	127	861	988	218	2
5	124	886	1010	287	1
6	135	875	1010	313	0
7	142	868	1010	471	0
8	143	857	1000	440	0
9	159	841	1000	513	0
10	160	920	1080	531	0
11	228	862	1090	548	0
12	268	822	1090	535	0
13	277	813	1090	510	-6
14	275	755	1030	586	-7
15	223	752	975	618	-11
16	143	947	1090	539	-4
17	219	871	1090	551	-18
18	272	808	1080	414	-19
19	241	829	1090	384	-34
20	249	831	1080	568	-37
21	234	816	1050	593	-39
22	222	818	1040	564	-38
23	191	849	1040	714	-48
24	159	841	1000	310	-37
25	137	863	1000	446	-19
26	121	867	986	126	13
27	146	842	988	170	8
28	118	844	962	229	1
29	87	811	898	279	6
30	76	834	910	352	-9
31	72	838	910	338	-28
AUG. 1	46	844	910	244	-4
2	57	853	910	307	-7
3	57	853	910	311	-7
4	54	832	886	315	-14
5	39	847	886	221	-8
6	33	890	923	134	-9
7	30	844	874	270	-12
8	33	841	874	304	-14
9	33	841	874	242	-14
10	26	860	886	208	-9
11	24	886	910	213	-9
12	25	885	910	135	-6

DIVERSIONS ASHTON TO ST. ANTHONY TOTAL	HENRYS FORK AT ST. ANTHONY STOR.	HENRYS FORK AT ST. ANTHONY NORM.	HENRYS FORK AT ST. ANTHONY TOTAL	DIVERSIONS BELOW ST. A STOR.	DIVERSIONS BELOW ST. A NORM.
565	-157	766	614	0	17
574	-116	758	648	0	17
577	-31	870	839	0	28
574	-37	875	838	0	40
567	-34	854	820	0	28
574	3	798	801	0	28
583	5	742	747	0	46
583	-84	867	783	19	29
548	-161	917	756	19	33
523	-147	858	711	25	28
534	-91	847	756	28	28
519	-91	874	783	19	28
419	-163	955	792	16	28
498	-178	925	747	18	27
510	-339	951	612	19	26
512	-297	853	556	19	25
422	-358	920	566	19	24
433	-377	953	582	18	23
496	-330	894	574	33	24
495	-267	841	574	23	23
596	-229	829	606	17	23
599	-311	869	558	23	24
497	-398	917	527	21	24
492	-396	1007	606	23	23
364	-339	1123	801	12	23
337	-142	1134	992	12	23
341	-183	1233	1010	12	23
409	-319	1349	1030	23	22
300	-359	1321	962	23	18
246	-397	1314	917	23	18
245	-179	1024	905	23	18
238	-152	1019	867	12	18
329	-305	1176	867	12	21
326	-5	910	905	12	21
335	-26	1005	981	12	21
280	-141	1171	1030	12	21
285	-192	1173	981	12	21
303	-276	1190	914	23	21
314	-246	1142	896	23	21
301	-278	1036	858	23	21
301	-250	1164	914	12	21
282	-256	1159	903	12	21
284	-241	1152	896	12	21
284	-182	1192	1010	12	21
225	-101	1171	1070	12	21
243	-260	1280	1020	12	21
241	-271	1157	886	12	21
229	-209	1185	896	12	20
238	-182	1078	896	9	21
243	-189	1085	896	9	21
249	-110	986	876	9	21

V SEC.-FT. - 1934

	US ASHTON THONY	HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY			STORED BALANCE BELOW DIVERSIONS
M	TOTAL	STOR.	NORM	TOTAL	STOR.	NORM.	TOTAL	
12	569	-152	766	614	0	372	372	-152
13	574	-16	754	738	0	389	389	-16
14	573	-31	870	839	0	408	408	-31
15	592	-37	895	858	0	397	397	-37
16	642	-34	854	820	0	389	389	-34
17	635	3	798	801	0	367	367	3
18	643	5	742	747	186	301	487	-181
19	643	-84	867	783	191	296	487	-275
20	564	-161	917	756	196	339	535	-357
21	523	-147	858	711	243	288	531	-390
22	436	-91	847	756	78	284	362	-169
23	439	-91	874	783	156	250	406	-247
24	419	-143	955	792	169	281	450	-332
25	408	-178	925	747	180	275	455	-358
26	510	-329	951	622	190	268	458	-519
27	512	-297	855	558	196	258	452	-491
28	622	-354	920	566	199	249	448	-553
29	633	-371	953	582	208	257	465	-579
30	644	-320	894	574	335	265	600	-655
31	645	-267	841	574	358	258	616	-625
SEP. 1	646	-273	879	606	376	251	627	-649
2	639	-311	869	558	376	263	639	-687
3	697	-395	917	522	219	240	459	-614
4	692	-396	1002	606	233	250	483	-629
5	766	-332	1133	801	128	240	368	-460
6	722	-142	1134	992	128	264	392	-270
7	41	-123	1133	1010	128	233	361	-251
8	204	-319	1349	1030	245	222	467	-564
9	200	-359	1321	962	245	183	428	-604
10	240	-342	1314	972	244	183	427	-586
11	262	-119	1024	905	243	183	426	-362
12	258	-152	1619	867	126	196	322	-278
13	254	-389	1176	867	126	210	336	-435
14	256	-5	910	905	126	210	336	-131
15	258	-24	1005	981	126	210	336	-150
16	280	-161	1171	1010	178	207	385	-329
17	285	-192	1173	981	178	204	382	-370
18	303	-276	1190	914	238	211	449	-514
19	314	-246	1142	896	228	218	446	-494
20	281	-178	1036	858	224	218	442	-402
21	201	-250	1164	914	126	219	345	-376
22	182	-284	1159	905	128	219	347	-382
23	184	-261	1157	896	130	219	349	-391
24	154	-182	1192	1010	130	222	352	-312
25	185	-101	1171	1070	130	226	356	-231
26	143	-240	1280	1040	130	228	358	-370
27	141	-271	1157	886	129	214	343	-400
28	139	-204	1105	896	130	202	332	-337
29	138	-182	1078	896	91	228	319	-273
30			1085	896	91	320	411	-280
31								-176

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS TO ST. ANT
		STOR.	NORM	TOTAL			STOR.	NORM.	TOTAL			STOR.	NORM	TOTAL	STOR.
AUG. 10	1699	27	4	31	0	AUG. 12	27	640	667	0	AUG. 13	27	871	898	32
11	1662	24	4	28	1	13	23	639	662	0	14	23	863	886	32
12	1626	25	4	29	0	14	25	631	656	0	15	25	861	886	32
13	1554	19	4	23	0	15	19	637	656	0	16	19	867	886	257
14	1518	19	4	23	1	16	18	632	650	0	17	18	868	886	196
15	1481	19	4	23	0	17	19	631	650	0	18	18	892	910	140
16	1445	20	3	23	0	18	20	630	650	0	19	20	890	910	132
17	1409	18	3	21	1	19	17	633	650	1	20	17	893	910	133
18	1372	27	3	30	0	20	27	623	650	0	21	27	883	910	24
19	1300	20	3	23	0	21	20	630	650	0	22	20	890	910	24
20	1264	15	3	18	1	22	14	636	650	0	23	14	884	898	25
21	1228	27	3	30	0	23	27	623	650	0	24	27	871	898	108
22	1191	23	3	26	0	24	23	627	650	0	25	23	875	898	108
23	1155	17	3	20	1	25	16	634	650	0	26	16	882	898	3
24	1119	18	3	21	0	26	18	632	650	0	27	18	880	898	3
25	1082	9	3	12	0	27	9	636	645	0	28	9	889	898	2
26	1046	9	3	12	0	28	9	636	645	0	29	9	889	898	12
27	1046	8	3	11	0	29	8	637	645	0	30	8	890	898	12
28	1010	6	3	9	0	30	6	639	645	1	31	5	893	898	42
29	1010	8	3	11	1	31	7	643	650	0	SEP. 1	7	879	886	123
30	1010	15	3	18	0	SEP. 1	15	630	645	0	2	15	859	874	121
31	974	12	3	15	0	2	12	628	640	0	3	12	838	850	107
SEP. 1	938	14	2	16	0	3	14	626	640	0	4	14	848	862	118
2	901	58	2	60	1	4	57	588	645	0	5	57	805	862	129
3	792	15	2	17	0	5	15	630	645	0	6	15	835	850	81
4	756	7	2	9	0	6	7	638	645	0	7	7	843	850	82
5	756	13	2	15	0	7	13	637	650	0	8	13	861	874	82
6	720	12	2	14	0	8	12	644	656	0	9	12	862	874	82
7	720	11	2	13	0	9	11	634	645	0	10	11	839	850	82
8	684	26	2	28	1	10	25	615	640	1	11	24	826	850	79
9	648	18	2	20	0	11	18	627	645	0	12	18	820	838	51
10	611	7	2	9	0	12	7	633	640	0	13	7	819	826	94
11	575	6	2	8	0	13	6	628	634	0	14	6	832	838	94
12	575	5	2	7	0	14	5	629	634	0	15	5	821	826	8
13	575	4	2	6	0	15	4	636	640	0	16	4	810	814	4
14	539	38	2	40	1	16	37	608	645	0	17	37	789	826	4
15	460	9	2	11	0	17	9	636	645	0	18	9	829	838	12
16	460	6	2	8	0	18	6	634	640	1	19	5	837	838	12
17	460	3	2	5	0	19	3	637	640	0	20	3	835	838	0
18	427	6	2	8	0	20	6	634	640	0	21	6	820	826	0
19	427	50	2	52	1	21	49	613	662	0	22	49	801	850	3
20	321	26	2	28	0	22	26	636	662	0	23	26	848	874	3
21	285	3	2	5	0	23	3	686	689	0	24	3	871	874	68
22	285	2	2	4	0	24	2	693	695	0	25	2	836	838	73
23	285	15	2	17	0	25	15	669	684	0	26	15	823	838	79
24	249	4	2	6	0	26	4	680	684	0	27	4	834	838	79
25	212	6	2	8	1	27	5	673	678	0	28	5	821	826	78
26	212	7	2	9	0	28	7	671	678	0	29	7	771	778	89
27	212	8	2	10	0	29	8	676	684	0	30	8	759	767	46
28	176	16	2	18	0	30	16	656	672	0	OCT. 1	16			
29	176	16	2	18	0	OCT. 1	16			0	2	16			
30	176	10	2	12	1	2	9			1	3	8			

PLATE NO. 21

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE STOR.	NORM	TOTAL	STORED LOSS LAKE TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER STOR.	NORM	TOTAL	STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON STOR.	NORM	TOTAL	DIVERSIONS ASHTON TO ST. ANTHONY STOR.	NORM	TOTAL	HENRYS FORK AT ST. ANTHONY STOR.	NORM	TOTAL	DIVERSIONS BELOW ST. ANTHONY STOR.	NORM	TOTAL	STORED BALANCE BELOW DIVERSIONS
AUG. 31	1497	27	4	31	0	AUG. 12	27	640	667	0	AUG. 12	27	871	898	32	127	159	-5	919	914	84	232	316	-89
11	1462	24	4	28	1	13	23	639	662	0	14	23	863	886	32	127	159	-9	923	914	82	230	312	-91
12	1426	25	4	29	0	14	25	631	656	0	15	25	861	886	22	127	149	3	949	952	76	234	310	-73
13	1394	19	4	23	0	15	19	637	656	0	16	19	867	886	257	-38	219	-238	1190	952	56	214	270	-294
14	1378	19	4	23	1	16	18	632	650	0	17	18	868	886	146	-13	133	-130	1094	964	56	214	270	-186
15	1481	19	4	23	0	17	19	631	650	0	18	18	892	910	140	-4	136	-122	1056	934	56	214	270	-178
16	1445	20	3	23	0	18	20	630	650	0	19	20	890	910	132	-6	126	-112	1036	924	56	214	270	-168
17	1409	18	3	21	1	19	17	633	650	1	20	17	893	910	133	56	189	-116	1050	934	46	272	318	-162
18	1372	27	3	30	0	20	27	623	650	0	21	27	883	910	24	131	155	3	969	972	-100	247	147	103
19	1300	20	3	23	0	21	20	630	650	0	22	20	890	910	24	129	153	-4	1074	1070	-100	249	149	96
20	1264	15	3	18	1	22	14	636	650	0	23	14	884	898	25	131	156	-11	1051	1040	-100	255	155	89
21	1228	27	3	30	0	23	27	623	650	0	24	27	871	898	108	165	273	-81	1101	1020	-100	253	153	19
22	1191	23	3	26	0	24	23	627	650	0	25	23	875	898	108	158	266	-85	1105	1020	-100	361	261	15
23	1155	17	3	20	1	25	16	634	650	0	26	16	882	898	3	131	134	13	1067	1080	-100	364	264	113
24	1119	18	3	21	0	26	18	632	650	0	27	18	880	898	3	131	134	15	1065	1080	-100	253	153	115
25	1082	9	3	12	0	27	9	636	645	0	28	9	889	898	2	130	132	7	1063	1070	-100	266	166	107
26	1046	9	3	12	0	28	9	636	645	0	29	9	889	898	12	132	144	-3	1013	1010	-100	266	166	97
27	1046	8	3	11	0	29	8	637	645	0	30	8	890	898	12	132	144	-4	994	990	-100	269	169	96
28	1010	6	3	9	0	30	6	639	645	1	31	5	893	898	42	82	144	-57	1038	981	-100	264	164	43
29	1010	8	3	11	1	31	7	643	650	0	SEP. 1	7	879	886	125	6	129	-116	1050	934	-40	247	207	-76
30	1010	15	3	18	0	SEP. 1	15	630	645	0	2	15	859	874	131	16	147	-106	1002	896	-100	262	162	-6
31	974	12	3	15	0	2	12	628	640	0	3	12	838	850	107	33	140	-95	971	876	-100	227	127	5
SEP. 1	938	14	2	16	0	3	14	626	640	0	4	14	848	862	118	22	140	-104	1000	896	-100	241	141	-4
2	901	58	2	60	1	4	57	588	645	0	5	57	805	862	129	12	141	-72	996	924	-100	255	155	28
3	792	15	2	17	0	5	15	630	645	0	6	15	835	850	81	61	142	-66	1056	990	-100	251	151	34
4	756	7	2	9	0	6	7	638	645	0	7	7	843	850	82	60	142	-75	1105	1030	-100	248	148	25
5	756	13	2	15	0	7	13	637	650	0	8	13	861	874	82	61	143	-69	1129	1060	-100	271	171	31
6	720	12	2	14	0	8	12	644	656	0	9	12	862	874	82	64	146	-70	1140	1070	-100	294	194	30
7	720	11	2	13	0	9	11	634	645	0	10	11	839	850	82	76	158	-71	1111	1040	-100	274	174	29
8	684	26	2	28	1	10	25	615	640	1	11	24	826	850	79	92	171	-55	1075	1020	-100	254	154	45
9	648	18	2	20	0	11	18	627	645	0	12	18	820	838	51	120	171	-33	1053	1020	-100	252	152	67
10	611	7	2	9	0	12	7	633	640	0	13	7	819	826	94	147	241	-87	1048	961	-100	251	151	13
11	575	6	2	8	0	13	6	628	634	0	14	6	832	838	94	147	241	-88	1060	972	-100	251	151	12
12	575	5	2	7	0	14	5	629	634	0	15	5	821	826	4	167	171	1	913	914	-100	251	151	101
13	575	4	2	6	0	15	4	636	640	0	16	4	810	814	4	164	168	0	981	981	-100	257	157	100
14	539	38	2	40	1	16	37	608	645	0	17	37	789	826	4	162	166	33	939	972	-100	263	163	133
15	460	9	2	11	0	17	9	636	645	0	18	9	829	838	12	162	174	-3	955	952	-100	265	165	97
16	460	6	2	8	0	18	6	634	640	1	19	5	833	838	12	161	173	-7	941	934	-100	263	163	93
17	460	3	2	5	0	19	3	637	640	0	20	3	835	838	0	170	170	3	921	924	-98	263	165	101
18	427	6	2	8	0	20	6	634	640	0	21	6	820	826	0	148	148	6	880	886	-70	237	167	76
19	427	50	2	52	1	21	49	613	662	0	22	49	801	850	3	142	165	46	878	924	-70	241	171	116
20	371	26	2	28	0	22	26	636	662	0	23	26	848	874	3	140	163	23	987	1010	-70	245	175	93
21	285	3	2	5	0	23	3	686	689	0	24	3	871	874	68	93	161	-65	1095	1030	-36	250	214	-29
22	285	2	2	4	0	24	2	693	695	0	25	2	836	838	73	89	162	-71	1043	972	-37	241	204	-34
23	285	15	2	17	0	25	15	669	684	0	26	15	823	838	79	82	161	-64	1026	962	-38	231	193	-26
24	247	4	2	6	0	26	4	680	684	0	27	4	834	838	79	83	162	-75	1027	952	62	132	194	-137
25	212	6	2	8	1	27	5	673	678	0	28	5	821	826	78	84	162	-73	1016	943	62	135	197	-135
26	212	7	2	9	0	28	7	671	678	0	29	7	771	778	89	119	208	-82	930	848	62	135	197	-144
27	218	8	2	10	0	29	8	676	684	0	30	8	759	767	68	140	208	-60	861	801	62	135	197	-122
28	176	14	2	18	0	30	14	656	670	0	OCT. 1	14						14						14
29	176	16	2	18	0	OCT. 1	16			0	2	16						16						16
30	176	10	2	12	1	2	9			1	3	8						8						8
TOTAL SEASON	2259			640																				

DAILY STORAGE DELIVERIES FROM JACKSON LAKE AND HENRYS LA

SECOND FEET EXCEPT AS NOTED

DATE	MARYSVILLE CANAL	FARMERS OWN CANAL	ENTERPRISE CANAL	CANANT CR CANAL	FALL RIVER CANAL	CHESTER CANAL	SILKEY CANAL	LAST CHANCE CANAL	ST ANTHONY UNION CANAL	FARMERS FRIEND CAN	TWIN GROVES CANAL	SALEM UNION CANAL	TOTAL ABOVE ST ANTHONY	EGN CANAL	INDEPENDENT CANAL	CONSOLIDATED FARMERS CANAL	TOTAL BELOW ST ANTHONY	JACKSON LAKE DIVERSIONS ABOVE FORK AND TRIB.
	JT.	JL.	JL.	JL.	JL.	JT.	JT.	JT.	JT.	JT.	JT.	JT.	JT.	JT.	JT.	JT.	JT.	
	4 PM	4 PM	5 PM	6 PM	6 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM	7 PM
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HENRYS LAKE TO HENRYS FORK CANALS 1934

HENRYS FORK CANALS 1934

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(k)	(l)	(m)	(n)
Total a.f.	1207	434	8438	100	597	60	125	164	1397	1807	622	192	888
Total acre ft	2392	860	14720	198	1085	119	248	266	2774	3580	1233	380	1762
Total Diversion	2586	927	18041	214	1170	128	267	222	2831	3862	1258	410	1900
Max. Rate	2580	927	18041	214	1170	128	267	222	2831	3862	1258	410	1900

	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Total a.f.	1399	2215	15301	4234	0	412	227	2450
Total acre ft	2777	4390	30383	8397	0	1233	450	4859
Total Diversion	2993	4477	32714	8566	0	1258	485	4956
Max. Rate	2993	4477	32714	8566	0	1258	485	4956

	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
Total a.f.	1451	1890	1679	1902	16980			
Total acre ft	3103	3696	3330	9738	33653			
Total Diversion	3103	3720	3588	9936	36302			
Max. Rate	3103	3720	3588	9936	36302			

(a) Rented from W. Labelle 1070 a.f., Pool 1510 a.f.
(b) Slide Lake 280 a.f., rented from Pool 647 a.f.
(c) Enterprise Am. Falls right 9071 a.f., rented from Pool 3235 a.f.; Slide Lake 641 a.f., Lower Teton River Canals rented from W. Labelle 2140 a.f., rented from Pool 1860 a.f., Upper Teton River Canals rented from Pool 1078 a.f. Canyon Cr. rented from Pool 216 a.f.
(d) Rented from Pool 214 a.f.
(e) Rented from Clark and Edwards 777 a.f., from Pool 393 a.f.
(f) Slide Lake 63 a.f., rented from Pool 65 a.f.
(g) Slide Lake 171 a.f., rented from Pool 96 a.f.
(h) Slide Lake
(i) Rented from W. Labelle 3420 a.f.; rented from Pool (Ida. 1.7.5.) 302 a.f., (Brisbane) 75 a.f., (Olson) 65 a.f.
(k) Slide Lake 242 a.f., rented from Pool 168 a.f.
(l) Slide Lake 175 a.f., rented from Pool 1725 a.f.
(m) Slide Lake 836 a.f., rented from Pool 2157 a.f.
(n) Slide Lake 645 a.f.; rented from W. Labelle 1380 a.f., from Pool 1078 a.f.

PLATE NO 22

Storage in acre-feet of JACKSON LAKE at MORAN, Wyo.

for the year ending September 30, 19 35

Plate No. 23

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	204940	215200	232650	251930	276590	299300	328690	348600	417970	367460	161910	42150
2	205750	216000	233040	253170	279420	300360	328860	347950	416390	360000	145010	40040
3	206550	216810	233450	254200	280050	301650	330370	346870	415040	351830	128570	38700
4	207360	217410	233860	255650	280690	302480	331460	347300	413690	343610	121400	34760
5	208160	217810	234470	256890	281520	303110	332540	347740	411460	338190	124610	33540
6	208960	218210	234880	258130	282360	303540	333630	349260	410560	332540	121450	32500
7	209770	218410	235490	258750	282980	303960	334710	352110	413690	326050	117920	32380
8	210570	218820	235900	259370	283620	304390	335800	354960	418640	319120	113650	31980
9	210770	219220	236500	260200	284660	304810	337100	354960	422700	311450	109560	30760
10	210770	219620	236710	260820	285510	305240	338620	355400	425640	303110	105850	29370
11	210570	220020	237120	261440	285930	305660	340140	354740	428340	295990	100350	27280
12	210570	220630	237530	262060	286150	306500	342510	354520	431500	285090	94120	24500
13	210570	221230	237940	262680	286570	306720	344000	353860	434430	275650	89170	21890
14	210570	222250	238550	263500	287000	307380	346170	353110	436460	265600	85000	20150
15	210370	223250	238950	264550	287420	307810	349920	351690	438500	256680	80850	18410
16	210370	224070	239360	265600	287840	308450	350570	356500	439040	248410	77420	16850
17	210170	225090	239970	266650	288270	308890	349480	362070	435780	240790	74160	15300
18	210170	225900	240380	267480	288690	309310	349920	362870	430820	233650	71640	13760
19	209970	226510	240990	268530	289330	309950	350570	376950	424730	226110	68120	12550
20	209970	227330	241610	269580	289960	301600	351010	383380	420670	219820	66440	11180
21	209770	227940	242430	270420	290810	312100	350570	389580	417520	213590	63590	9650
22	209570	228550	243660	271460	291660	313170	350570	395140	414590	207760	60920	8450
23	209770	229170	245100	272300	292720	314240	349920	400730	410340	201340	58070	9630
24	210170	229570	245720	273140	293780	315320	349920	405200	405640	195800	55570	9970
25	210370	230190	246340	274190	294840	315750	348820	409890	401400	191040	53610	9290
26	210770	230590	247170	275830	295900	316180	351890	414140	396920	186490	51480	8600
27	210980	231000	248000	276280	296960	316850	350690	417290	392010	181360	49020	7740
28	211360	231410	248830	276700	298202	319590	349920	420450	386700	176480	47260	6880
29	212180	231820	249450	277330		321110	348390	422480	380500	171820	45850	6020
30	213190	232220	250070	277750		322610	348390	422700	374290	165180	45380	5500
31	214190		250890	278170		324970		421120		158240	43910	

Mean													
Acre-Feet													

U. S. GOVERNMENT PRINTING OFFICE 16—7149

YEAR

MEAN

ACRE-FEET

Daily discharge, in second-feet, of GRAND RIVER NEAR MORAN, WYOMING

For the year ending September 30, 1948

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	38	28	18	19	18	18	38	3430	2820	4450	3570	1170
2	36	26	18	19	18	19	26	3430	2370	4910	3980	1530
3	33	26	18	19	18	19	25	3320	2210	4930	3820	1460
4	30	25	18	19	18	19	24	3370	2210	4560	4020	943
5	30	25	18	19	18	19	28	3570	1980	4210	2720	804
6	29	25	18	19	18	19	29	3850	746	3940	2070	588
7	28	25	18	18	18	19	36	4300	63	4060	2560	364
8	28	25	18	18	18	19	44	4910	63	4590	2500	653
9	40	25	18	18	17	17	40	4800	63	4960	2440	918
10	478	24	18	18	17	17	41	4500	63	5460	2780	1020
11	402	24	18	18	18	18	46	4400	63	5320	3150	1500
12	402	24	18	18	18	20	40	4260	59	5390	3390	1390
13	354	24	18	17	18	23	394	4000	59	5750	3430	1300
14	354	24	18	17	18	24	1090	3390	144	5760	2370	1190
15	354	24	18	17	18	24	1460	2060	1140	5120	2410	1100
16	354	24	18	17	18	24	1760	421	2210	4690	2140	1020
17	354	24	18	17	18	24	1580	65	3360	4540	1700	954
18	354	25	18	17	18	24	1400	61	4420	4640	1460	888
19	309	25	18	18	18	24	1690	56	4120	4400	1600	832
20	309	25	18	18	18	24	2270	56	2940	4590	1750	778
21	309	25	18	18	18	28	2720	52	3060	3790	1720	718
22	309	24	25	18	18	28	3530	52	2690	3880	1740	680
23	30	24	23	18	18	26	3430	146	3160	3610	1710	699
24	28	24	20	18	18	26	3360	337	3540	3110	1240	699
25	28	22	20	18	18	28	3120	329	3640	2640	1140	630
26	25	20	20	18	18	30	3180	680	3640	3140	1550	662
27	25	20	20	18	18	36	3360	846	3630	3050	1430	625
28	25	20	20	18	18	52	3360	989	3840	3020	1140	607
29	25	19	19	18		99	3290	1610	4300	3510	1130	578
30	25	19	19	18		52	3300	2450	4270	3780	1180	234
31	25		19	18		52		3220		3860	1230	
Mean	178	25.9	18.8	18.0	17.9	26.9	1480	2220	2230	4510	2200	686
Acre-Feet	10,900	1,480	1,160	1,110	994	1,650	88,100	136,000	133,000	265,000	135,900	68,700

Year Mean 1140

Acre-Feet 827,000

Daily discharge, in second-feet, of SNAKE RIVER NEAR HEISE, IDAHO for the year ending September 30, 19 34.

Plate No. 7.5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3070	2650	2220	2280	2050	1990	3850	8980	8760	7250	5980	3800
2	2940	2680	2180	2280	2040	1960	3570	9010	8460	7250	5560	3100
3	2880	2690	2140	2280	2040	2050	3260	8960	7570	7660	5940	3070
4	2850	2650	2170	2280	2040	2080	3050	8880	7160	7690	5610	3460
5	2850	2600	2170	2280	2040	2040	2940	9160	6960	7850	6020	3100
6	2810	2480	2040	2140	2050	2060	2850	10100	6850	7590	5430	2810
7	2790	2500	2170	2010	2050	2090	2850	11300	6400	6880	4960	2700
8	2760	2560	2190	1980	2050	2060	3010	12600	5960	6660	4490	2510
9	2740	2650	2160	2020	2040	2040	3540	13400	5460	7080	4590	2540
10	2690	2670	2190	2050	2040	2050	3690	13000	5040	7360	4540	2510
11	3070	2650	2210	2090	1950	2050	3850	11800	4540	7690	4560	2680
12	3090	2670	2210	2130	1920	2090	4200	11500	4350	7800	4960	2900
13	3090	2650		2170	1950	2080	4450	11500	4380	7660	5380	3050
14	3090	2620		2170	1960	2020	4620	10600	4380	7920	4720	2990
15	3070	2560	2150	2170	1960	2170	5090	9850	4320	8100	4250	2980
16	3050	2560		2110	1960	2320	5510	9160	4520	7650	4590	2850
17	3020	2580		1950	2010	2460	5670	7850	5860	7190	4380	2790
18	3010	2580	2070	1950	1980	2330	5800	7510	6760	6990	3970	2720
19	3010	2550	2120	2000	1960	2260	5590	7570	7980	7020	3550	2650
20	2980	2650	2190	2080	1980	2290	6100	7800	8160	6910	3440	2580
21	2960	2550	2220	2060	2010	2450	5870	7650	6790	6450	3610	2530
22	2940	2650	2240	2060	2010	2580	7200	7420	6870	6540	3610	2480
23	2930	2480	2260	2140	2030	2700	6560	7220	6150	6540	3590	2740
24	2870	2560	2280	2220	2010	2670	6070	7190	6510	6290	3580	2990
25	2700	2560	2290	2140	2030	2620	6250	7310	7080	5990	3460	2980
26	2650	2540	2290	2060	2030	2550	6380	7220	7220	5460	3140	2760
27	2620	2560	2310	2060	2000	2520	6610	7340	7080	5510	3200	2700
28	2620	2380	2240	2090	1980	2900	6560	7460	6930	5380	3360	2680
29	2650	2380	2160	2060		3700	6440	7290	6870	5070	3500	2600
30	2600	2360	2170	2010		4040	6620	7660	7280	5090	3220	2560
31	2600		2220	2000		3990		8570		5720	3200	
Mean	2870	2585	2190	2110	2000	2420	5620	9110	6420	6850	4310	2790
Acre-Feet	176,000	151,000	135,000	130,000	111,000	149,000	334,000	560,000	382,000	421,000	266,000	166,000

Year Mean 4,180

Acre-Feet 3,030,000

Daily discharge, in second-feet, of [illegible] RIVER NEAR [illegible], 1929-30

For the year ending September 30, 1930

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2000	880	2310	2780	2510	1350	1860	3190	3290	2050	1760	1000
2	1480	890	2380	2780	2310	1510	1850	3670	3550	2060	1970	948
3	1190	1000	2400	2760	2280	1510	1760	3350	3090	1980	1980	906
4	1150	1380	2450	2780	2300	1880	1440	3310	2850	2130	2850	718
5	971	1470	2500	2760	2280	1570	1380	3440	2760	2650	2300	668
6	795	1910	2550	2650	2250	1360	1050	3660	2640	2800	2150	1020
7	708	2020	2600	2560	2240	1350	880	4140	2830	2580	2280	1390
8	710	2250	2700	1990	2240	1320	808	4330	3170	2050	1960	1570
9	718	2470	2700	1990	2250	1350	680	5040	3110	1940	1600	1450
10	727	2630	2650	2140	2190	1290	716	6310	3480	1780	1470	1510
11	736	2580	2680	1870	2160	1900	900	5760	3040	1940	1660	1050
12	976	2720	2600	2450	2080	1160	912	4960	2680	2290	1750	1070
13	1080	2800	2670	2370	1980	1130	795	4550	2590	2360	1780	1160
14	1140	2760	2720	2110	1900	1100	795	4420	2630	2380	2080	1290
15	1160	2680	2760	2200	1870	1250	795	5640	2660	2330	2220	1010
16	1160	2560	2630	2800	1880	1560	930	6650	3050	2700	1790	882
17	1090	2530	2300	2650	1810	1540	1090	5700	1580	2730	1750	900
18	1070	2520	2580	2630	1700	1450	1180	2440	1670	2700	1470	954
19	1020	2560	2500	2560	1700	1500	1810	2400	1500	2730	978	790
20	1040	2560	2720	2820	1650	1480	1090	2640	2120	2470	1040	720
21	1150	2560	2740	2800	1650	1560	795	2660	2590	2870	1140	954
22	1110	2560	2650	2480	1570	1630	1080	2320	1970	2220	1200	1250
23	1260	2530	2660	2500	1580	1710	2170	2200	1730	2340	1040	1180
24	1290	2480	2810	2550	1540	1670	2800	1940	1400	2470	1080	1240
25	1200	2470	2650	2800	1500	1670	2750	2050	1750	2350	1150	1570
26	1100	2370	2690	2510	1500	1780	2910	2230	2240	1840	1270	1440
27	1030	2360	2650	2400	1450	1450	2230	2360	2510	1750	1290	1450
28	996	2280	2630	2390	1400	1170	3040	2750	2470	1810	1160	1410
29	840	2300	2560	2370	----	1080	2980	2710	2240	1850	948	1380
30	971	2320	2580	2340		1440	3040	2750	2080	1850	990	1380
31	925		2600	2310		1900		3090		1630	1040	
Mean	1050	2250	2600	2470	1910	1400	1560	3590	2460	2210	1560	1120
Acre-Feet	64,600	134,000	160,000	152,000	106,000	86,100	92,800	208,000	146,000	136,000	95,900	66,600

Year Mean 2,000
Acre-Feet 1,450,000

Daily discharge, in second-feet, of BLACKFOOT RIVER NEAR BLACKFOOT, IDAHO for the year ending September 30, 1921.

Water No. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	86	251	331	257	253	255	0				
2	58	80	239	336	253	255	232	1				
3	67	95	243	327	261	240	230	1				
4	67	148	247	318	269	240	235	0				
5	58	237	251	310	277	244	210	1				
6	51	257	255	280	285	248	173	15				
7	46	285	260	250	284	255	130	0				
8	44	293	264	220	282	260	113	0				
9	41	195	262	176	281	260	60	0				
10	58	152	259	192	280	260	13	0				
11	6	110	256	207	277	251	14	0				
12	2	106	253	222	274	242	8	0				
13	3	91	255	230	271	224	2	0				
14	2	80	257	239	271	217	3	1				
15	6	79	258	247	271	221	0	2				
16	2	84	254	255	269	161	0	2				
17	19	100	250	261	276	119	0	1				
18	28	140	244	267	276	122	5	0				
19	39	154	242	272	275	96	0	0				
20	54	159	259	278	275	85	0	0				
21	105	159	276	291	271	89	0	0				
22	176	192	295	295	275	51	0	0				
23	175	251	299	316	267	58	0	0				
24	170	253	305	315	264	92	0	0				
25	120	215	310	314	263	148	0	0				
26	98	140	316	313	260	167	0	0				
27	85	169	316	312	262	149	0	0				
28	67	226	315	295	255	167	0	0				
29	85	259	314	276	---	178	0	0				
30	88	251	319	262		186	0	0				
31	77		325	260		217		0				

— Day June to Sept., incl. —

Mean	60.6	166	272	275	271	182	57.5	0.77	0	0	0	0	0
Acre-feet	3720	9880	16800	16900	16100	11200	3410	47	0	0	0	0	0

YEAR

MEAN 106

ACRE-FEET 77,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	751	237	1900	2710	2290	1340	1320	147	163	152	187	152
2	404	237	2160	2760	2300	1330	1150	161	203	141	147	139
3	290	286	2120	2710	2290	1260	1220	179	786	141	261	141
4	245	359	2200	2730	2290	1260	1050	161	730	141	295	149
5	212	582	2280	2730	2290	1260	772	149	702	141	324	144
6	201	912	2400	2650	2220	1330	588	144	653	171	530	139
7	195	1280	2680	2470	2230	1300	368	147	864	424	241	141
8	209	1450	2600	2030	2180	1250	299	179	1180	281	191	147
9	223	1640	2870	1700	2200	1230	237	894	1900	179	179	147
10	241	1780	2680	1730	2200	1230	149	1610	1580	134	178	146
11	225	1800	2670	1650	2170	1210	169	2080	1360	124	147	141
12	230	1820	2630	1740	2110	1140	175	1580	772	124	178	141
13	237	1840	2730	2180	2030	1100	158	1000	758	187	219	141
14	257	1840	2800	2240	1940	1080	136	852	816	129	219	141
15	253	1940	2730	2460	1860	1050	134	634	1080	129	253	147
16	257	1800	2920	2490	1860	1180	136	275	808	189	569	141
17	268	1750	1650	2700	1820	1280	144	161	599	158	317	144
18	273	1750	2300	2550	1730	1250	134	161	201	409	269	141
19	277	1790	2430	2510	1660	1120	124	158	182	583	317	139
20	290	1860	2630	2540	1640	1130	124	155	158	491	216	134
21	321	1830	2730	2290	1620	1210	124	158	230	471	230	136
22	399	1910	2850	2630	1570	1220	124	163	599	460	251	139
23	424	1930	2880	2690	1480	1270	124	158	179	531	249	141
24	509	1870	2700	2540	1520	1240	127	155	144	458	195	149
25	463	1900	2900	2470	1480	1250	127	144	139	480	155	164
26	409	1820	2820	2730	1460	1260	127	147	139	326	152	156
27	340	1790	2760	2490	1430	1260	131	147	172	149	155	169
28	269	1730	2750	2400	1580	996	134	152	430	154	158	172
29	233	1730	2680	2340		872	131	158	436	217	158	161
30	226	1760	2650	2340		832	136	161	241	249	158	152
31	237		2620	2290		1180		155		241	155	

Year	1908	1910	1870	1910	1909	1190	980	595	608	881	888	147
Acre-Feet	18,600	99,800	168,000	148,000	105,000	73,800	19,600	84,200	35,900	16,000	15,600	9,790

Year Mean 985

Acre-Feet 713,000

AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDAHO.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	248450	295590	427560	661730	873180	1042300	1137230	1020440	731260	554100	248900	65350
2	251400	296050	433870	667040	879790	1044940	1139530	1012720	724240	544710	245060	64280
3	253130	296050	439390	672690	886460	1051980	1142760	1001990	709660	537380	239380	61800
4	254860	301560	443630	681320	892750	1054180	1139070	994260	700780	530040	233700	60120
5	255380	300840	451440	688140	899400	1060790	1141840	986110	691900	520790	228870	59110
6	257890	302020	457900	697360	906210	1062110	1142760	978110	685070	510540	221140	57760
7	259620	304090	463290	705220	912680	1070030	1145880	969750	678330	496870	209730	55740
8	262650	307080	471980	712050	918750	1075680	1141840	958910	677000	490510	198350	53190
9	265760	310530	478890	717920	925680	1081890	1140450	950150	675340	480000	187650	50530
10	268710	314200	486640	722850	931690	1086700	1139530	942050	673020	468670	178830	48490
11	270440	318140	494660	726540	938560	1091810	1138810	936140	671560	458440	170770	46240
12	271520	320990	501140	734420	945140	1095720	1135640	931290	669700	447130	165880	44710
13	273510	324310	510260	740040	951820	1100230	1133080	921980	666390	436760	162360	42460
14	275070	327160	517390	745300	958070	1104890	1129850	911870	663390	426610	156790	41780
15	277520	330480	526820	751630	963920	1108350	1125700	901360	660070	413440	155080	40340
16	277520	333330	533270	758640	969760	1111500	1120630	889200	656480	405690	147640	38230
17	281520	340810	542950	766060	974770	1117860	1117860	877630	654450	392410	143240	36020
18	282410	347760	550290	773270	981030	1122490	1114660	865670	649760	381850	134030	33650
19	283530	354110	556810	780180	986960	1126620	1111080	852990	644260	374100	125700	31810
20	281520	358500	564380	783360	992970	1128470	1106540	838510	641660	366840	117950	30750
21	284160	364850	571950	789190	998120	1131230	1102030	830610	635660	358500	111690	30870
22	285750	371340	579520	796610	1004130	1134460	1095720	819950	630410	351180	107490	28960
23	286860	378350	589910	804590	1011450	1139070	1088060	809950	624280	344560	102620	28650
24	288420	384560	598100	811430	1014430	1139070	1079490	797720	618790	334510	96060	28300
25	287530	391640	601850	820320	1018780	1138610	1069590	787340	602790	324310	90640	27730
26	289980	398050	614040	827840	1028810	1138610	1064750	778320	588720	313970	84260	28470
27	291520	403950	623320	836230	1031730	1137230	1056880	771100	581640	302480	79810	29040
28	291980	408560	631700	844610	1037010	1136150	1048900	764850	569580	291380	75280	29280
29	293100	415740	638460	852230		1136770	1041420	756680	564080	279580	71580	30920
30	293540	421260	646190	857950		1138610	1030850	748460	557720	267620	69620	32300
31	293780		655090	865670		1136310		742840		254450	67660	

Year
Month
Acre

Year 08
Month
Acre-Feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2010	2740	1630	1590	1470	1350	3640	7040	7960	5830	5050	3280
2	2190	2770	1630	1560	1460	1370	3610	7000	8500	5630	4910	3190
3	2320	2760	1650	1570	1470	1380	3610	7000	8670	5830	4880	3160
4	2320	2740	1650	1540	1470	1390	5290	6960	8040	6460	5330	3120
5	2320	2740	1710	1740	1470	1380	2450	6840	7150	7960	5830	3070
6	2320	2770	1740	1710	1400	1380	2240	6920	6130	7920	7880	3300
7	2330	2770	1700	1680	1450	1370	2700	6880	5690	7880	8630	3300
8	1811	2770	1700	1670	1480	1390	3030	7230	5540	7880	8250	3950
9	2330	2790	1720	1680	1480	1350	3370	7470	5160	7830	7960	3720
10	2330	2810	1720	1630	1460	1350	3840	7670	5020	7830	7470	3780
11	2350	2980	1740	1630	1480	1360	3840	7960	4780	7790	5720	3410
12	2250	3420	1570	1640	1550	1360	3840	8290	4680	7830	4610	3360
13	1610	3440	1400	1610	1580	1360	3840	8420	4680	8040	4360	3500
14	1600	3360	1370	1610	1580	1360	3930	8420	4680	8370	4680	3250
15	1630	3320	1400	1610	1550	1370	4110	8420	4680	8530	5120	3060
16	1690	1230	1380	1610	1550	1400	4300	8460	4680	8250	5540	3620
17	2650	1680	1480	1620	1550	1340	4360	8420	4610	8250	6650	3570
18	2790	1640	1400	1610	1560	1400	4390	8460	4610	7110	6950	3530
19	2709	1580	1440	1620	1490	1590	4360	8330	4610	6730	6670	3290
20	2750	1580	1560	1620	1400	1810	4610	8250	4550	6610	6260	3050
21	2700	1980	1550	1680	1350	1910	5650	8210	4550	6580	5370	3020
22	2700	1580	1570	1730	1350	2350	5800	8210	5440	6580	5670	3040
23	2700	1580	1620	1700	1340	3060	6280	8210	7110	6880	4790	3040
24	2700	1620	1620	1610	1340	3470	6460	8250	7830	8540	3560	2840
25	2720	1580	1610	1480	1350	3470	6460	8040	7960	8290	5940	2530
26	2700	1580	1600	1490	1370	3450	6430	6880	7960	8120	5560	2490
27	2720	1600	1530	1500	1370	3030	6500	6240	7880	8080	4520	2480
28	2720	1580	1540	1470	1370	3200	6610	6240	6770	8120	4580	1970
29	2680	1610	1570	1480		3320	6920	6200	6060	8460	4000	2580
30	2569	1630	1550	1530		3490	7040	6200	5870	9370	3590	2000
31	2480		1560	1470		3610		6730		6800	3240	

Mean	2320	2270	1580	1600	1460	2010	4580	7540	6060	7560	5660	3140
Acre-Feet	143,000	135,000	97,200	98,400	81,100	124,000	273,000	464,000	361,000	465,000	348,000	187,000

Year Mean 3,930

Acre-Feet 2,780,000

LAKE WALCOTT NEAR MINIDOKA, IDAHO

(Note No. 31)

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	82190	39750	73280	70950	71280	69850	87960	94720	92620	40380	32700	27760
2	80950	41760	73170	70750	71170	69850	89600	94840	94850	40380	31660	27360
3	78690	42600	72490	70510	71170	70400	92680	94370	94950	39960	30940	26750
4	77000	46510	71630	70290	71170	69190	94720	95670	97350	39030	30000	26140
5	74860	48630	72940	69860	71610	69410	97110	95420	97960	39650	30320	25120
6	72720	51260	72720	70400	71500	69520	97590	94720	96630	39550	30210	24110
7	69850	53750	72490	70730	71280	70510	97110	94140	93320	36430	31250	22490
8	67650	55900	73050	70730	70950	70510	95070	91610	91920	36230	32390	21670
9	61500	58270	72940	70950	70730	71170	93900	91610	90530	36020	33430	22490
10	58480	60630	73170	70950	70510	71610	94250	91460	89480	34690	34990	21770
11	55470	63040	73390	69850	70730	72050	94720	90290	90080	33740	34980	22590
12	52890	65230	73170	70510	70730	72490	94490	91110	89360	31870	34670	23300
13	50520	67980	73840	70510	70730	72940	94490	91460	87730	30830	33740	22590
14	47250	70510	72830	70510	70950	72720	94950	92160	85290	30830	32290	23910
15	43550	72830	72940	70730	71170	73500	94490	92560	80610	30730	30830	23800
16	39960	74180	71170	71170	71170	71720	95070	93200	75800	31150	30210	22180
17	36230	73500	72050	71060	71170	74970	95430	94250	70510	31040	29390	21170
18	34880	73840	71390	71170	71390	75420	95670	94490	64560	31150	31250	19640
19	34360	73500	70950	71390	71850	76100	95670	94950	58270	31770	33120	18050
20	31870	72940	70510	70510	71850	75870	95180	94020	53110	31770	34360	18450
21	31460	72940	70510	70510	71280	76100	94490	94950	46930	31460	34980	17760
22	32700	72600	70510	71170	71500	75870	93900	95180	41440	30940	33740	16470
23	32290	72940	69850	71610	71590	76550	93550	95430	38610	31460	34150	16270
24	32490	73280	70510	71610	70730	77230	93550	95670	37990	31250	33950	15870
25	31870	72940	70290	72050	70510	77790	94490	95910	38720	32290	33640	14490
26	32490	73050	70620	71830	71170	78350	94720	95550	37680	32290	33520	13890
27	32700	73170	71060	71830	70950	80610	95550	95180	38920	31870	32700	12110
28	34920	72050	70950	71830	70620	81740	94720	94840	39340	30420	31460	10720
29	37680	73170	70510	71830	———	82190	94720	94250	40590	29900	31150	10550
30	35510	72940	70950	70950		84700	94840	92740	40590	30940	30730	11220
31	33550		71170	71390		84700		93090		31870	29690	

Mean													
Acre-feet													

Year ____ Mean ____

Acre-Feet ____

Daily discharge, in second-feet, of North Side Minidoka Canal near Minidoka, Idaho

For the year ending September 30, 1921.

Plat. No. 12

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	494	440	90				171	722	897	816		
2	487	416	0				174	647	780	884		
3	481	421					177	668	718	879		
4	476	384					189	694	666	873		
5	523	314					260	720	578	870		
6	571	319					292	772	573	870		
7	563	323					333	816	548	908		
8	554	326					362	875	342	972		
9	548	328					404	910	0	967		
10	584	333					440	923	0	956		
11	601	336					471	958	38	952		
12	594	339					523	990	403	961		
13	592	345					586	994	658	956		
14	584	350					586	997	708	1000		
15	576	303					492	999	803	1100		
16	578	278					492	1000	917	1110		
17	578	278					519	1010	974	1110		
18	519	261					573	1000	967	1120		
19	483	243					634	999	963	1120		
20	474	241					704	997	961	1130		
21	474	241					780	950	954	1100		
22	474	241					809	919	956	1010		
23	474	241					805	919	967	934		
24	423	241					847	921	978	936		
25	371	241					903	921	983	988		
26	371	241					849	919	976	1020		
27	371	241				0	748	917	877	1030		
28	403	259				58	746	914	744	1070		
29	451	239				146	746	914	797	1130		
30	454	240				169	746	910	799	1140		
31	456					169		914		576		

--Dry Dec. 2 to Mar. 27, incl.--

--Dry Aug. & Sept.--

Mean	503	299	2.90	0	0	17.6	545	897	718	983	0	0
Acre-Feet	30,900	17,800	178	0	0	1,080	32,400	55,200	42,700	60,400	0	0

Year

Mean 333

Acre-Feet 241,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	365						0	660	621	711	588	420
2	363						0	647	518	665	621	420
3	359						0	626	434	545	634	453
4	381						0	585	453	521	647	462
5	411						0	570	480	658	655	484
6	405						0	572	548	676	761	504
7	399						0	626	469	719	795	526
8	389						0	676	249	682	825	516
9	399						0	655	157	695	825	502
10	418						0	690	0	711	593	387
11	438						196	727	0	725	538	56
12	432						112	760	0	708	493	0
13	428						0	722	0	744	516	0
14	415						0	722	86	762	548	0
15	401						0	781	373	634	568	0
16	432						0	787	597	714	690	0
17	471						0	790	430	711	752	0
18	469						0	771	538	703	762	0
19	469						0	752	647	703	708	0
20	467						0	719	650	706	642	0
21	441						98	754	679	673	606	0
22	387						335	736	698	608	555	0
23	304						399	682	700	580	478	0
24	285						507	665	730	528	436	0
25	312						565	663	752	585	430	0
26	325						580	698	725	565	422	45
27	123						634	626	725	575	480	279
28	0						637	658	725	590	504	373
29	0						621	642	790	598	480	424
30	0						647	637	779	647	426	420
31	0							639		658	430	

Dry during winter months

Mean	358	0	0	0	0	0	178	665	478	655	594	209
Acre-Feet	20,800	0	0	0	0	0	10,600	42,100	28,400	40,300	36,500	12,400

Year XX Mean 264

Acre-Feet 191,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1770	1660	1510	1540	1620	1600	2360	5480	6460	4410	4820	3560
2	2340	1460	1750	1580	1600	1590	2160	5410	6350	4458	4610	3480
3	2120	1240	1620	1560	1570	1590	1940	5260	6370	4660	4750	3380
4	2440	1180	1610	1610	1540	1590	1710	5310	6480	5040	4750	3190
5	2500	1160	1670	1680	1480	1560	1570	5690	6490	6680	4800	3030
6	2750	1220	1630	1630	1570	1330	1830	5820	6520	6910	6890	3160
7	2920	1200	1630	1590	1570	1360	2660	5870	6160	6910	7250	3290
8	2180	1230	1630	1630	1610	1340	3360	5970	6080	6600	7140	3440
9	2920	1210	1630	1660	1660	1380	3030	6110	5890	6140	6990	3320
10	2980	1210	1600	1630	1620	1330	2980	6190	4310	6380	6680	3070
11	2920	1420	1630	1590	1580	1280	2920	6140	4730	6540	5380	3030
12	2760	1620	1670	1640	1610	1270	3050	6270	4820	6740	4800	3030
13	2360	1620	1680	1630	1590	1280	2780	6220	5180	6600	4560	3230
14	2300	1600	1680	1580	1570	1270	3050	6160	5580	6490	4680	3190
15	1980	1610	1680	1610	1600	1170	3030	6000	6220	6430	5020	3640
16	2960	1400	1710	1610	1580	1290	3180	5780	6430	6430	5160	4500
17	2760	1380	1690	1610	1570	1200	3600	6060	6520	6430	5210	4300
18	2430	1440	1680	1600	1560	1150	3540	6220	6520	5020	5240	4190
19	2310	1490	1660	1610	1570	1280	3740	6190	6460	4800	5210	3660
20	2180	1350	1630	1640	1620	1480	3900	6220	6240	4940	5180	3300
21	2190	1360	1620	1610	1620	1870	4300	6180	6060	5140	5060	3560
22	2030	1390	1580	1630	1580	2110	4700	6030	6220	5110	4970	3600
23	1990	1330	1590	1640	1620	2550	4540	6030	6350	5540	4820	3380
24	1960	1340	1580	1640	1630	2900	4520	6160	6350	6600	5240	3270
25	2030	1310	1580	1660	1620	2920	4520	6220	6410	6430	6030	3340
26	2000	1320	1560	1630	1620	2990	4520	5210	6380	6600	5710	3190
27	1830	1310	1590	1600	1620	2750	4730	4430	6190	6680	4590	2980
28	1060	1380	1620	1590	1620	2430	4800	4430	4990	6520	4540	2340
29	1050	1390	1580	1630		2430	4920	4430	4410	6490	3780	2050
30	1910	1350	1570	1640		2430	5380	4430	4360	6350	3580	1900
31	1610		1570	1600		2540		4530		5380	3460	
Mean	2,260	1,370	1,620	1,620	1,590	1,790	3,460	5,690	5,980	5,980	5,190	3,280
Acre-Feet	139,000	81,500	99,600	99,600	88,300	110,000	206,000	350,000	355,000	368,000	319,000	195,000

Year Mean 3,380

Acre-Feet 2,410,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.19	8.88	7.43	7.40	7.66	7.48	9.69	9.90	9.57	9.84	9.79	9.56
2	10.08	8.90	7.58	7.65	7.66	7.27	9.56	9.94	9.58	9.48	9.80	9.76
3	10.56	8.41	7.51	7.58	7.62	7.44	9.94	9.78	9.53	9.46	9.60	9.84
4	10.34	9.10	7.85	7.68	7.58	7.31	9.70	9.84	9.49	9.88	9.60	9.82
5	10.30	9.30	7.46	7.51	7.46	7.40	9.78	9.81	9.60	9.84	9.84	9.78
6	10.38	9.42	7.48	7.67	7.54	7.17	9.88	9.86	9.72	9.83	9.56	9.64
7	10.42	9.44	7.40	7.59	7.58	7.20	9.90	9.80	9.88	9.86	9.84	9.83
8	10.48	9.46	7.48	7.61	7.88	7.24	9.88	9.70	9.89	9.79	9.80	9.34
9	10.38	9.41	7.39	7.60	7.45	7.34	10.02	9.82	10.15	9.85	9.90	9.88
10	10.41	9.42	7.38	7.54	7.67	7.41	10.00	9.91	10.22	9.66	9.97	9.70
11	10.46	9.30	7.56	7.41	7.68	7.66	10.10	9.96	10.04	9.87	9.90	9.64
12	10.54	9.50	7.34	7.55	7.58	8.02	10.18	9.88	9.88	9.64	9.90	9.47
13	10.54	9.19	7.56	7.61	7.51	8.58	9.86	10.08	9.88	9.76	9.79	9.19
14	10.48	9.14	7.40	7.53	7.57	8.47	9.74	10.06	9.00	9.64	9.80	9.30
15	10.40	9.14	7.39	7.58	7.66	8.76	9.55	10.04	8.99	9.48	9.46	9.40
16	10.41	8.99	7.10	7.68	7.58	8.26	9.66	9.90	9.06	9.40	9.46	9.47
17	10.33	8.82	7.16	7.60	7.60	9.14	9.84	9.76	9.44	9.26	9.48	9.46
18	10.39	8.63	7.35	7.63	7.66	8.80	10.02	9.80	9.38	9.12	9.52	9.45
19	10.36	8.48	7.52	7.66	7.64	8.40	10.06	9.81	9.47	9.14	9.80	9.42
20	9.98	8.10	7.37	7.35	7.54	7.96	10.09	9.84	9.58	9.14	9.64	9.64
21	9.89	7.78	7.61	7.52	7.55	7.90	10.10	9.87	9.66	9.24	9.72	9.74
22	9.70	7.60	7.57	7.59	7.66	7.91	10.14	9.85	9.52	9.29	9.79	9.64
23	9.58	7.41	7.44	7.50	7.66	8.26	10.00	9.80	9.60	9.44	9.74	9.84
24	9.47	7.22	7.35	7.50	7.48	8.72	9.82	9.78	9.60	9.69	9.69	9.72
25	9.90	7.26	7.48	7.60	7.58	9.06	9.88	9.79	9.38	9.66	9.76	9.62
26	9.06	7.35	7.38	7.58	7.60	9.48	9.88	9.82	9.45	9.67	9.66	9.66
27	9.17	7.56	7.39	7.64	7.58	9.28	9.88	9.95	9.64	9.68	9.58	9.61
28	9.08	9.24	7.60	7.66	7.42	9.90	9.89	9.95	9.47	9.72	9.53	9.56
29	8.79	7.44	7.38	7.54	----	9.72	9.84	9.93	9.60	9.67	9.40	9.46
30	8.70	7.45	7.38	7.67		9.75	9.98	9.88	9.65	9.78	9.54	9.41
31	8.90		7.55	7.58		9.38		9.84		9.86	9.61	

Year												
Lowest												
Mean												

Daily diversions, in second-feet, of [illegible] for [illegible] Water Right, 1909

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	55	45	80	62	41
2							0	55	45	80	62	41
3							0	55	45	80	62	41
4							0	55	45	80	62	41
5							0	55	45	80	62	41
6							0	55	45	80	62	47
7							0	55	45	80	62	47
8							0	55	45	80	62	47
9							0	55	45	80	62	47
10							0	55	45	80	62	47
11							0	55	45	80	62	47
12							0	55	45	80	62	47
13	- - - - - No diversions Oct. to March, incl. - - - - -						0	55	45	80	62	47
14							0	55	45	80	62	47
15							0	55	45	80	62	46
16							0	55	45	80	62	44
17							0	55	45	80	62	44
18							0	55	45	80	62	44
19							0	55	45	80	62	44
20							0	55	45	80	62	44
21							0	55	45	80	62	44
22							0	55	45	80	62	44
23							0	55	45	80	62	44
24							0	55	45	80	62	44
25							0	55	45	80	62	44
26							0	55	45	80	62	0
27							0	55	45	80	62	0
28							0	55	45	80	62	0
29							0	55	45	80	62	0
30							0	55	45	80	62	0
31								55		80		
Mean	0	0	0	0	0	0	18.1	55.0	51.5	61.6	62.0	36.1
Acre-Feet	0	0	0	0	0	0	720	3,310	3,070	3,790	3,810	2,150

Mean 33.4

Acre-Feet 16,900

Daily discharge, in second-feet, of MILNER LOW LIFT CANAL, NEAR MILNER, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0				0	0	98	105	126	126	106	17
2	0				0	0	10	109	126	126	104	0
3	0				0	0	0	126	126	126	104	0
4	0				0	0	0	126	126	124	106	0
5	8				0	0	0	126	126	124	106	0
6	67				0	0	0	126	126	126	106	14
7	72				18	0	0	126	126	124	106	117
8	84				0	0	0	126	124	126	106	119
9	96				0	0	24	126	116	124	106	117
10	98				0	0	87	129	0	124	106	110
11	65				0	0	96	129	0	124	101	107
12	0				0	0	86	126	6	126	99	106
13	0				0	0	86	126	26	126	98	105
14	0				0	0	86	126	20	126	99	31
15	0				0	0	87	129	20	126	98	0
16	0				0	0	87	129	0	126	96	0
17	0				0	0	81	128	0	128	96	0
18	0				0	0	0	150	0	128	100	0
19	0				1	0	0	150	42	128	102	0
20	0				20	0	0	150	70	128	102	0
21	0	— 157 Nov. to Jan. incl. —			0	0	0	150	76	127	105	0
22	0				0	0	0	128	86	127	78	0
23	0				0	0	0	128	107	127	78	0
24	0				0	0	19	126	107	127	80	0
25	0				0	0	86	126	116	127	80	0
26	0				0	0	88	126	118	127	79	0
27	0				0	15	88	126	118	114	79	0
28	0				0	21	48	126	110	108	79	0
29	0				—	17	55	126	116	105	78	0
30	0					27	55	126	101	108	78	0
31	0					27		126		95	80	
Mean	15.8	0	0	0	1.18	5.45	17.8	126	79.2	123	94.5	28.1
Acre-feet	935	0	0	0	66	312	1050	7750	4710	7560	5800	1670

Year Mean 41.1

Acre-feet 29,700

Daily Discharge in Second Feet of [illegible] Drainage Project at Outlet of Canal at Mission, Texas. [illegible] Plate No. 32

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0					0	864	1010	993	1070	794
2		0					0	866	1010	1000	1040	787
3		0					0	859	994	1000	1040	769
4		0					0	859	980	1000	1030	750
5		0					0	861	966	1030	997	733
6		0					0	877	962	1040	992	735
7		0					0	899	957	1040	997	731
8		0					150	919	987	1040	990	729
9		0					378	938	954	1040	967	741
10		0					542	941	930	1040	958	755
11		90					564	954	923	1040	953	729
12		345					569	954	919	1040	942	711
13		509					567	963	936	1040	940	689
14		566					566	965	925	1050	955	701
15		535					568	965	954	1050	927	703
16		500					562	965	974	1050	936	717
17		498					602	979	990	1050	938	701
18		187					670	1000	993	1060	940	701
19		0					704	1020	995	1090	942	701
20		0					750	1020	994	1080	942	701
21		0					788	1020	988	1090	944	695
22		0					805	1020	983	1100	944	691
23		0					870	1020	985	1100	944	697
24		0					861	1020	958	1100	938	695
25		0					857	1020	977	1080	940	689
26		0					859	1020	977	1070	935	691
27		0					864	1010	986	1060	925	691
28		0					861	1010	981	1060	920	611
29		0					864	1020	988	1060	920	0
30		0					864	1010	986	1060	940	0
31								1000		1060	773	
Mean	0	108	0	0	0	0	585	968	969	1,050	955	664
Acre-feet	0	6,450	0	0	0	0	31,100	59,800	57,700	64,600	58,700	39,509

Year Mean

Year 517,000

Daily discharge in second feet of Drainage Project at outlet of Canal at Mission, Texas.

Plate No. 32

Daily discharge, in second-feet, of NORTH SIDE PROJECT AB GOODING CANAL at MILNER, IDAHO for the year ending September 30, 19 26.

Plate No. 39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0					0		0	600	0	0	0
2	0					0		0	600	0	0	0
3	0					0		0	600	0	0	0
4	0					0		0	600	0	0	0
5	0					0		0	600	68	0	0
6	0					0		0	600	268	289	0
7	0					0		0	600	352	383	0
8	0					0		0	276	370	396	0
9	0					0		0	0	370	406	0
10	0					0		0	0	370	406	0
11	0					0		0	0	370	237	0
12	0					0		0	0	386	0	0
13	555					0		0	0	386	0	0
14	755					0		0	0	386	0	0
15	755					0		0	0	286	0	0
16	755					0		0	0	386	0	415
17	755					0		0	0	386	0	630
18	755					0		0	0	245	0	634
19	755					0		0	0	0	0	565
20	755					0		0	0	0	0	0
21	755					0		0	0	0	0	0
22	755					0		0	0	0	0	0
23	715					328		0	0	0	0	0
24	657					737		0	0	250	0	0
25	657					737		0	0	377	280	0
26	657					754		0	0	377	455	0
27	657					760		0	0	377	468	0
28	590					770		0	0	377	455	0
29	0					800		595	0	377	190	0
30	0					470		600	0	377	0	0
31	0					0		600		256	0	

--- DRY Nov. 30 Feb. incl. ---

Mean	257	0	0	0	0	173	0	51.4	140	241	187	78.5
Acre-Feet	22,000	0	0	0	0	10,600	0	3,160	8,670	14,800	7,810	4,490

Year Mean Flow 71,900

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1100	822	735	553	588	831	815	1870	1270	617	582	512
2	1090	822	748	559	591	840	815	1950	1960	630	582	518
3	1100	794	748	559	591	848	830	1830	1870	624	575	500
4	1090	837	711	562	591	826	819	1830	1860	620	591	503
5	1080	707	707	559	585	837	815	1970	1810	1680	594	445
6	1090	472	694	566	588	745	801	2160	1810	2220	1470	358
7	1220	412	687	559	591	704	804	2220	1720	2250	1990	364
8	1300	487	687	559	585	711	1010	2180	1890	2310	1970	361
9	1290	507	684	556	582	714	969	2200	2090	2270	1880	364
10	1300	687	680	556	588	724	625	2230	1970	2190	1720	361
11	1300	711	680	553	591	748	421	2220	1870	2200	1180	358
12	1310	714	673	562	582	776	409	2170	1870	2190	534	358
13	822	711	677	566	585	801	369	2200	1880	2210	524	353
14	0	711	657	566	585	815	334	2180	1880	2170	524	356
15	0	711	634	569	588	837	318	2150	1960	2140	528	348
16	0	704	604	569	588	670	321	2080	2050	2130	528	720
17	0	704	614	569	585	650	329	2150	2210	2130	528	804
18	0	704	624	575	588	637	345	2220	2350	1670	528	718
19	0	701	601	578	588	663	413	2250	2350	614	528	644
20	0	711	572	572	673	644	391	2200	2350	617	528	306
21	0	707	583	582	766	640	1070	2260	2250	627	524	306
22	0	742	556	578	830	644	1440	2230	2250	627	524	308
23	0	724	550	578	866	526	1500	2200	2320	627	520	348
24	0	718	550	582	866	0	1540	2190	2320	1650	521	385
25	0	724	543	585	869	0	1260	2190	2300	2130	476	472
26	0	731	553	578	873	0	1240	1680	2230	2130	1010	531
27	337	731	553	582	862	0	1290	559	2290	2130	1009	412
28	684	721	536	582	851	0	1400	528	1620	2150	1000	404
29	873	738	556	578		0	1470	132	640	2100	716	404
30	845	738	559	578		338	1680	0	611	2030	524	401
31	868		559	585		704		36		1440	516	

Mean for the Year	810	700	629	569	645	574	968	1880	1950	1650	967	441
Total for the Year	87,800	41,700	38,700	35,000	36,900	35,300	61,300	116,000	115,000	101,000	59,600	26,500

Year Mean 941
Of
Pres 681,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1510	1010	749	782	717	618	1670	2660	2710	2660	3150	2200
2	1440	1000	756	526	695	615	1390	2670	2710	2680	3090	2210
3	1400	745	762	756	682	621	1230	2640	2680	2740	2990	2190
4	1390	128	746	759	686	618	1240	2640	2690	2740	3000	2170
5	1370	130	749	782	686	615	1250	2640	2610	2790	3020	2230
6	1370	132	756	782	670	615	1280	2670	2580	2790	3070	2210
7	1390	398	756	746	667	606	1310	2660	2520	2780	3200	2200
8	1390	730	752	749	670	606	1410	2640	2460	2830	3370	2180
9	1380	917	749	749	673	609	1700	2650	2400	2810	3390	2190
10	1390	769	746	756	676	461	1910	2740	2380	2790	3300	2160
11	1400	740	743	765	670	105	2010	2710	2390	2840	3280	2130
12	1400	720	749	759	664	105	2160	2820	2440	2870	3310	2150
13	1400	661	759	759	642	110	2370	2990	2520	2890	3300	2150
14	1390	633	759	752	630	111	2460	2980	2590	2860	3300	2180
15	1390	624	752	752	633	110	2440	2950	2650	2840	3310	2180
16	1390	633	740	752	633	122	2470	2820	2620	2840	3370	2170
17	1400	633	736	752	633	691	2540	2720	2610	2860	3370	2170
18	1380	627	759	752	633	1190	2580	2690	2620	2860	3380	2170
19	1370	630	756	756	633	1150	2600	2700	2600	2870	3360	2140
20	1380	639	752	756	636	1230	2620	2660	2610	2870	3370	2120
21	1380	627	752	756	636	1220	2630	2710	2570	2890	3370	2110
22	1380	627	746	752	639	1230	2630	2710	2550	2870	3320	2110
23	1290	627	740	756	627	1310	2600	2690	2600	2880	3300	2120
24	1150	630	746	762	624	1510	2590	2680	2620	2880	3290	2060
25	1020	636	752	759	624	1600	2600	2670	2600	2840	3340	1960
26	906	642	756	752	624	1630	2610	2700	2610	2870	3350	1900
27	818	645	752	749	624	1680	2610	2720	2680	2940	2710	1850
28	788	645	756	749	621	1710	2610	2710	2650	2980	2200	1730
29	812	704	759	749		1690	2640	2690	2680	2980	2200	1700
30	956	756	575	730		1790	2640	2650	2660	3030	2210	1680
31	1020		818	720		1760		2710		3100	2200	
Mean	1,270	635	748	748	658	904	2,160	2,720	2,590	2,850	3,110	2,090
Acre-Feet	78,100	37,800	46,000	46,000	36,200	55,600	129,000	167,000	154,000	175,000	191,000	124,000

Year Mean 1,710

Feet 1,240,000

Daily discharge, in second-feet, of SNAKE RIVER AT MILNER, IDAHO for the year ending September 30, 19[illegible]

Plate No. 12

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10	193	301	579	502	331	9	8	8	8	8	7
2	10	257	395	657	608	301	8	8	8	8	8	7
3	232	249	740	472	612	309	9	8	7	7	8	7
4	498	359	483	419	526	298	9	8	7	7	7	7
5	490	565	476	380	419	301	9	8	7	8	6	7
6	486	942	579	781	383	296	9	8	8	8	6	7
7	494	766	579	682	530	296	9	8	8	8	7	7
8	217	374	579	667	522	131	9	8	8	8	7	7
9	136	441	579	637	526	16	9	10	9	8	8	7
10	494	458	574	574	642	16	10	8	10	8	8	7
11	502	293	458	518	823	16	10	8	8	8	7	7
12	506	290	410	622	719	17	10	8	8	8	7	7
13	514	280	498	637	543	18	10	9	7	8	7	6
14	510	257	703	662	548	15	9	9	7	8	7	7
15	195	252	745	593	552	10	8	9	7	8	7	7
16	668	249	556	593	552	9	8	8	7	8	6	7
17	1370	326	154	593	548	12	9	8	7	7	7	7
18	1450	776	734	519	548	8	9	8	7	7	7	7
19	1020	984	823	494	543	7	9	8	7	7	7	7
20	875	937	612	588	461	7	8	8	7	7	7	7
21	1020	901	632	593	386	7	8	8	7	7	7	240
22	1310	870	698	584	377	7	9	8	7	7	7	348
23	1220	838	401	442	377	14	8	8	7	8	7	342
24	1200	448	755	588	374	33	8	8	8	8	7	320
25	911	249	441	766	371	34	8	8	8	9	7	320
26	797	275	556	708	377	37	8	8	7	9	7	320
27	797	277	570	588	374	39	8	8	7	8	7	320
28	386	293	603	579	368	40	8	8	7	9	7	317
29	252	301	556	543		39	8	37	8	8	7	320
30	148	301	766	476		24	8	51	8	8	7	309
31	39		627	486		8		22		8	7	
Mean	605	467	567	581	504	87.0	8.70	10.9	7.55	7.84	7.06	110
Acre-Feet	37,200	27,800	34,900	35,700	28,000	5,350	518	670	448	482	434	6,550

Year Mean 246

Acre-Feet 178,000

Daily [redacted] courses in acre-feet of [redacted] LAKE NEAR LAKE, IDAHO for the year ending September 30, 1921.

Plate No. 9.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									17978	12780	2279	958
2									17878	12545	2170	901
3									17778	12264	2098	792
4									17578	11983	2062	756
5									17277	11713	1989	756
6									16927	11405	1917	720
7									16530	11097	1880	720
8									16155	10745	1808	684
9									16061	10305	1771	648
10									16061	9733	1699	611
11									16014	9187	1662	575
12									16014	8643	1626	575
13									15968	8183	1554	575
14									15968	7890	1518	539
15									15921	7439	1481	460
16									15874	6986	1445	460
17									15874	6536	1409	460
18									15874	5863	1372	427
19									15827	5358	1300	427
20									15780	4918	1264	321
21									15592	4584	1228	285
22									15358	4209	1191	285
23									15077	3932	1155	285
24								18678	14848	3657	1119	249
25								18678	14514	3367	1082	212
26								18578	14092	3115	1046	212
27								18478	13670	2932	1046	212
28						12874		18378	13436	2787	1010	176
29								18278	13248	2642	1010	176
30								18178	13014	2553	1010	176
31								18078		2388	974	

Mean													
Acre-Feet													

0--7140

Year [redacted] Mean [redacted]

[redacted]-Feet [redacted]

...y discharge, in second-feet, of HENRYS FORK NEAR LAKE, IDAHO ...for the year ending September 30, 19...

Plate No. 10

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									63	135	59	16
2									61	133	45	60
3									116	144	37	17
4									179	151	35	9
5									175	151	37	15
6									214	168	38	14
7									186	169	31	13
8									59	238	29	28
9									21	279	29	20
10									21	288	31	9
11									21	286	28	8
12									21	233	29	7
13									21	152	23	6
14									21	229	23	40
15									21	283	23	11
16									21	272	25	8
17									21	260	21	5
18									21	245	30	8
19									21	232	25	52
20									103	200	18	28
21									135	168	30	5
22									130	145	26	4
23								4	131	129	20	17
24								36	186	154	21	6
25								69	217	125	12	8
26								62	212	94	12	9
27								62	121	82	11	10
28								62	97	78	9	18
29								61	114	73	11	18
30								61	135	63	18	12
31								62		63	15	

Gates closed at Dam Oct. 1 - May 23.
Slight leakage not over 4 sec. ft. at any time.

Mean (43-51)									55.2	955	175	25.7	16.0
Acre-Feet									950	5,660	10,800	1,560	952

Maximum ... Minimum ...

...E-Feet 80,000

Plots No. 185

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	410	410	370	381	381	367	542	403	374	465	381	323
2	410	410	360	381	381	367	457	403	388	465	381	325
3	410	410	350		381	367	440	403	374	449	374	327
4	410	367	347		381	370	457	388	374	473	360	329
5	424	388	350		381	372	490	388	481	481	360	330
6	410	388	360		381	367	542	388	490	473	360	332
7	410	396	367		381	367	597	388	607	481	360	334
8	410	392	367		382	367	776	388	626	481	360	335
9	410	388	367		384	367	808	388	417	552	347	333
10	410	384	367		381	367	665	388	388	588	347	331
11	410	381	367		377	367	552	388	374	588	367	329
12	410	381	367		372	367	498	388	374	570	347	329
13	410	381	367		367	367	481	388	374	515	347	329
14	410	367	367		367	367	465	381	374	449	347	329
15	410	375	367	370	367	367	449	374	367	533	347	329
16	410	382	367		367	367	432	374	374	570	347	327
17	410	389	367		367	367	424	367	367	570	347	325
18	410	396	367		367	367	417	367	360	552	347	323
19	410	394	367		367	367	417	367	417	552	347	323
20	410	391	367		367	374	417	367	403	524	347	323
21	410	388	367		367	381	417	367	449	481	347	323
22	410	388	367		367	388	417	360	481	465	347	323
23	410	388	367		367	388	417	353	465	457	347	325
24	410	388	370		367	388	432	353	465	440	335	327
25	410	388	375		367	396	424	347	524	456	335	329
26	410	391	381		367	403	432	396	570	440	335	330
27	410	394	381	367	367	417	417	396	552	410	335	332
28	410	396	381	370	367	481	403	396	465	396	335	334
29	410	399	381	375		607	403	374	432	388	323	335
30	410	380	381	381		646	403	381	449	388	335	335
31	410		381	381		570		374		381	335	

Mean	410	389	368	371	373	401	485	380	438	485	349	329
Acre-feet	25,200	23,100	22,600	22,800	20,700	24,700	28,700	23,400	26,100	29,800	21,500	19,600

Year Mean 398

288,000

Daily discharge, in second-feet, of SNAKE RIVER AT HEISE, IDAHO

For the year ending September 30, 1921.

Plate No. 16

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	759	782	689	741	724	678	970	712	701	764	701	645
2	753	770	634	755	724	689	880	724	741	776	695	640
3	759	794	634	753	724	684	806	712	718	776	695	640
4	753	764	724	741	724	672	812	706	718	776	684	645
5	753	735	623	729	724	684	831	695	800	770	678	645
6	747	747	764	607	724	678	880	689	912	770	678	645
7	747	753	764	607	724	667	899	701	1020	770	678	650
8	747	753	645	607	729	667	976	695	812	770	672	656
9	747	747	735	618	741	667	1010	701	899	770	672	645
10	747	753	735	688	706	672	976	689	800	861	678	640
11	747	753	735	695	695	678	912	684	776	837	684	645
12	747	735	764		706	672	861	701	753	818	667	640
13	747	735	764		695	678	831	695	729	843	662	634
14	747	735	724		695	678	824	684	718	782	656	634
15	747	747	706		695	684	794	684	701	782	656	640
16	747	741	667		695	695	782	672	695	782	650	645
17	753	741	678	690	701	684	770	672	689	818	650	645
18	753	741	678		689	684	753	672	689	843	650	640
19	759	741	667		695	689	755	672	718	855	650	640
20	759	764	689		695	695	729	667	764	851	650	640
21	753	753	689		695	706	729	667	755	812	650	662
22	753	753	735		695	718	729	662	794	788	650	662
23	759	753	735		695	724	735	667	776	776	650	689
24	759	753	735	678	689	712	747	667	794	794	650	695
25	753	753	735	656	672	718	753	662	851	788	650	684
26	759	741	747	735	684	729	776	706	861	764	650	684
27	759	747	735	755	695	759	755	706	843	747	645	678
28	759	759	724	735	695	861	718	706	855	718	645	678
29	776	747	672	718	---	964	712	706	831	706	645	684
30	770	628	764	712		1010	712	701	776	718	645	672
31	782		753	718		964		701		712	650	

Mean	755	747	711	692	704	724	813	690	782	784	662	655
Acre-Feet	46,400	44,400	43,700	42,500	39,100	44,500	48,400	42,400	46,500	46,200	40,700	39,000

Year Mean 727

Feet 526,000

Daily discharge, in second-feet, of SNAKE RIVER NEAR ASHTON, IDAHO

Plate No. 11-I

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1010	1080	929	1010	962	962	1430	1030	949	1000	910	886
2	1040	992	949	1010	949	962	1350	1040	962	1000	910	874
3	1050	1020	938	1010	949	949	1220	1040	962	1000	910	850
4	1030	1040	1030	1000	962	962	1180	1000	962	988	886	862
5	1110	1050	942	936	962	962	1190	1000	1030	1010	886	862
6	1010	1040	983	874	949	962	1260	1000	1050	1010	923	850
7	1000	1030	1040	767	949	962	1310	1000	1200	1010	874	850
8	1030	1080	958	898	936	962	1340	1000	1670	1000	874	874
9	1090	983	1000	790	975	962	1530	1000	1230	1000	874	874
10	1090	1030	1000	962	949	962	1510	975	1000	1080	886	850
11	1010	732	1000	1040	936	975	1400	975	988	1090	910	850
12	962	1010	1010	949	962	975	1340	975	962	1090	910	838
13	962	1200	1000	1000	936	975	1350	1000	962	1090	898	826
14	988	1010	1050	1050	949	1000	1320	936	975	1030	886	838
15	1070	983	1040	1010	949	1000	1220	936	949	975	886	826
16	1050	920	949	923	949	1010	1180	962	936	1090	886	814
17	988	978	929	1010	949	1000	1160	949	923	1090	886	826
18	1000	992	940	1030	949	975	1160	936	936	1080	910	838
19	1000	990	1000	962	949	988	1080	949	923	1090	910	838
20	1040	1010	1040	975	962	988	1110	949	1040	1080	910	838
21	975	1010	844	988	949	1030	1110	910	975	1050	910	826
22	1000	1010	988	962	962	1030	1090	936	1010	1040	910	850
23	962	1010	988	1000	962	1030	1090	923	1040	1040	898	874
24	988	1010	988	949	962	1010	1090	923	1040	1000	898	874
25	988	1000	988	962	962	1030	1090	923	1000	1000	898	838
26	988	1000	1010	1000	949	1030	1120	949	1120	988	898	838
27	988	1000	988	962	962	1090	1110	962	1110	988	898	838
28	988	1010	962	962	962	1310	1030	949	1090	962	898	826
29	1000	1000	975	962		1500	1030	949	975	898	898	778
30	1080	992	1010	962		1500	1030	949	988	910	898	767
31	1150		1030	962		1460		936		910	898	
Mean	1,020	1,010	984	964	954	1,050	1,210	986	1,030	1,020	898	848
Acre-feet	62,700	60,100	60,500	59,300	53,000	64,600	72,000	59,400	61,300	62,700	55,200	50,100

YEAR MEAN 996

521,000

Daily discharge, in second-feet, of ... HENRYS FORK AT ST. ANTHONY, IDAHO ... for the year ending September 30, 19...

Plat No. 12

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								801	536	756	858	934
2								801	574	711	914	896
3								810	598	756	906	878
4								810	606	765	896	886
5								829	606	792	1010	924
6								990	590	747	1070	990
7								1110	639	682	1040	1030
8								1090	1340	558	886	1060
9								1040	848	566	896	1070
10								945	474	568	896	1040
11							1000	810	501	574	896	1020
12							1120	858	590	574	876	1020
13							1110	810	556	606	914	981
14							1070	650	508	558	914	972
15							1170	666	487	582	952	914
16							1110	729	456	606	952	981
17							1170	765	494	801	914	972
18							1110	747	590	952	934	952
19							1070	708	543	1010	924	934
20							1110	666	639	1030	934	924
21							1130	639	590	962	972	884
22							1190	614	588	972	1070	924
23							1100	566	614	905	1040	1010
24							972	550	738	867	1020	1030
25							1050	582	639	867	1020	972
26							1060	574	858	905	1080	962
27							962	582	820	981	1080	952
28							820	566	801	1010	1070	943
29							801	566	747	981	1010	848
30							810	550	783	914	990	801
31								529		876	981	

(11-30)

MEAN							1050	739	651	785	965	957
ACRE-FEET							41,500	45,400	38,700	48,300	59,300	56,900

MEAN ... 290,000

Gage Readings in second-feet of [illegible] for the year ending September 30, 1906.

Plate No. 98

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	907	1220	1260	1500		534	254	367	347	516	625	907
2	846	1230	1280	1550		516	219	339	355	467	578	814
3	802	1120	1310			458	202	331	355	454	700	760
4	705	1180	1340			431	200	339	355	530	690	797
5	620	1280	1370		1450	422	200	339	351	526	710	841
6	615	1390	1390			431	200	331	355	534	819	874
7	562	1460				449	200	449	375	467	874	924
8	516	1580				458	202	590	521	367	802	964
9	503	1600				444	205	585	970	327	730	976
10	670	1540	1390			413	244	570	521	303	765	970
11	780	1550				391	258	476	408	299	720	946
12	808	1590				375	244	418	383	258	680	912
13	836	1520			1150	351	268	436	375	250	735	896
14	786	1620				395	295	422	371	275	780	836
15	797	1560				485	515	385	363	264	786	750
16	735	1520				367	347	375	363	335	868	745
17	735	1460			868	303	534	371	351	476	797	765
18	770	1560			830	275	675	371	343	670	802	797
19	792	1510			802	264	665	359	347	786	775	786
20	824	1560	1420		770	247	650	367	355	868	755	786
21	858	1620			710	231	690	383	449	765	775	775
22	896	1550			680	215	710	367	480	770	907	797
23	946	1470			680	199	745	371	467	740	1030	868
24	934	1420			640	183	552	367	512	695	1040	958
25	958	1370			620	183	436	359	600	750	970	946
26	976	1310			605	185	494	351	675	720	912	907
27	982	1340			600	183	521	345	715	765	970	885
28	964	1360			575	183	454	359	680	863	1030	846
29	964	1310	1420		---	291	355	335	640	814	1040	802
30	976	1290	1440			371	319	335	512	765	982	735
31	1140		1470			295		355		655	976	

Mean Acre-Feet	813	1430	1400	Est. 1450	1060	340	388	390	463	556	627	852
	50,000	85,100	86,100	89,200	58,900	20,900	23,100	24,000	27,600	34,200	50,600	50,700

Year [illegible] Mean 829

[illegible] 601,000

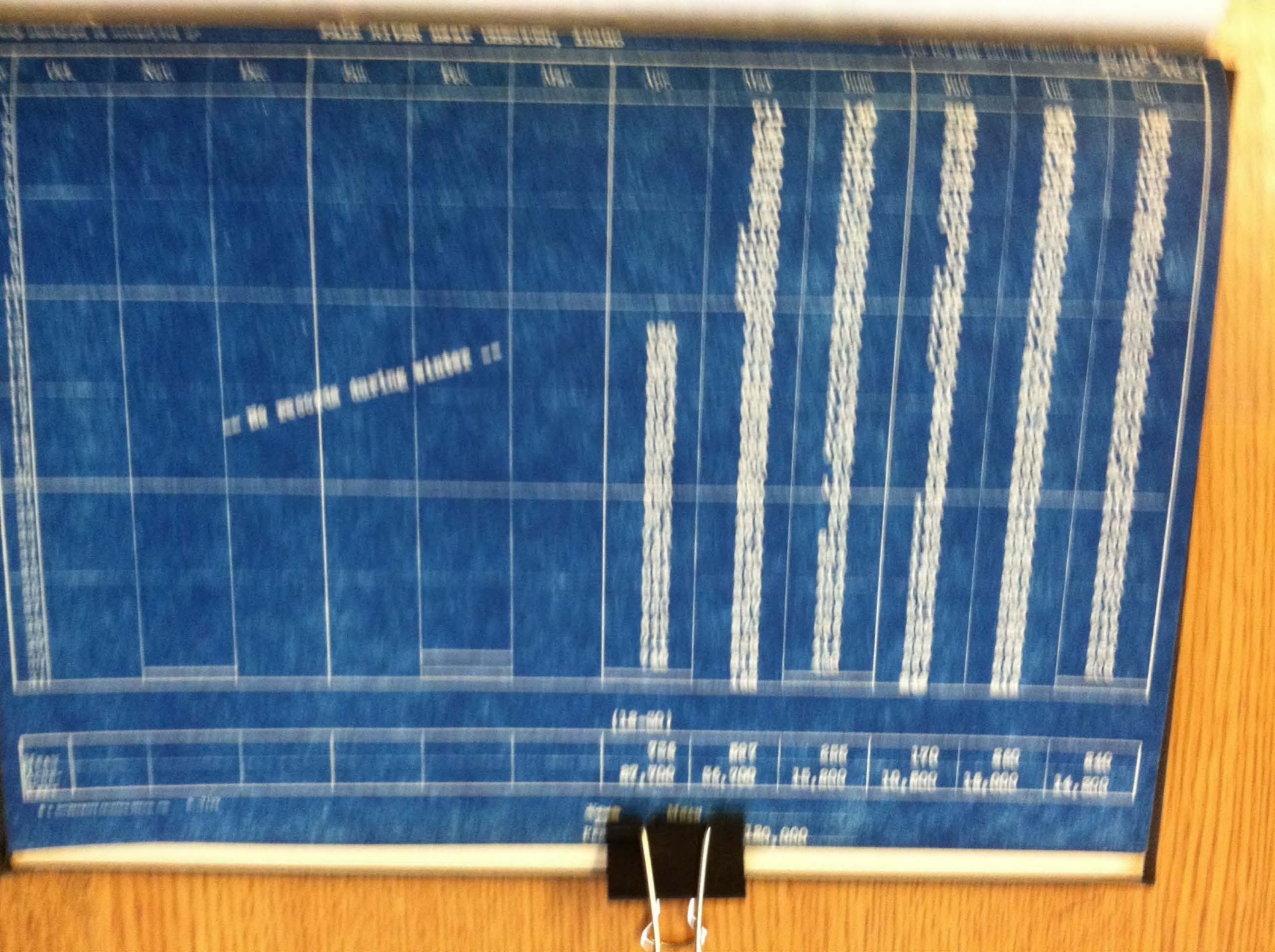
Daily discharge, in second-feet, of **FALL RIVER NEAR SQUIRREL, IDAHO** for the year ending September 30, 1914.

Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	421	414	376	388	364	370	747	1170	614	435	376	370
2	407	414	318	400	364	370	622	1130	598	414	376	376
3	394	442	329	400	370	370	574	1170	550	400	364	370
4	394	414	346	388	370	370	542	1100	534	486	364	370
5	394	376	334	376	370	370	526	1290	518	470	364	370
6	394	376	334	364	370	370	606	1620	470	456	400	370
7	394	388	334	364	364	370	711	1720	666	440	400	370
8	394	388	346	329	364	370	880	1700	1780	442	400	376
9	394	388	346	275	364	370	950	1780	810	470	388	376
10	394	388	358	285	358	370	980	1670	630	456	400	376
11	382	388	370	275	358	370	1130	1490	666	442	394	376
12	382	388	382	275	358	370	1230	1310	614	442	388	364
13	382	388	394	275	358	382	1310	970	582	428	394	364
14	382	376	394	275	358	394	1170	870	566	414	394	364
15	388	376	394	265	358	421	1030	1100	542	407	388	364
16	388	376	394	255	358	435	980	1140	534	407	285	364
17	394	376	394	275	358	435	910	1100	534	400	307	364
18	394	388	394	307	358	435	910	1080	566	400	296	364
19	421	376	407	340	358	435	930	1010	486	400	296	358
20	421	388	407	340	364	428	1010	1050	518	428	302	340
21	407	382	382	340	364	421	1050	910	510	456	407	340
22	407	382	382	364	364	421	1170	810	478	428	400	364
23	407	388	382	388	364	421	1310	738	470	421	388	421
24	407	382	382	376	364	407	1340	756	494	414	400	421
25	407	388	394	370	364	394	1310	774	486	428	400	388
26	407	382	394	370	364	388	1200	792	510	421	394	352
27	400	382	382	364	364	407	1120	810	478	400	400	340
28	400	382	376	364	364	950	1170	792	463	400	388	352
29	414	376	388	364	---	980	1260	630	494	400	400	340
30	442	376	388	364		801	1170	614	502	400	435	340
31	428		388	364		840		582		376	400	
Mean	401	387	374	338	363	459	995	1,090	589	425	377	367
Acre-Feet	24,700	23,000	23,000	20,800	20,200	28,200	59,200	67,000	35,000	26,100	23,200	21,800

Year — Mean 514

Year — 372,000



Daily discharge, in second-feet, of TETON RIVER NEAR ST. ANTHONY, IDAHO for the year ending September 30, 1934

Plate No. 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	475	416	378	410	351	344	542	627	516	355	371	344
2	475	416	374	419	351	344	516	614	530	347	371	295
3	490	420	394	443	374	414	481	625	505	351	367	286
4	494	420	394	431	382	439	423	627	498	367	365	262
5	490	425	378	402	398	419	390	655	456	414	284	262
6	475	414	359	340	382	431	374	740	452	406	306	262
7	475	423	355	386	378	498	363	826	481	351	302	266
8	471	419	351	386	378	452	378	795	586	336	284	248
9	461	419	359	398	374	414	406	750	645	347	275	251
10	457	414	367	419	355	406	382	669	566	398	267	255
11	448	410	359	394	344	410	398	614	551	406	287	255
12	443	402	363	355	336	410	443	641	546	414	302	258
13	443	398	378	378	340	414	486	604	507	419	332	258
14	443	390	414	382	344	410	520	573	490	423	340	258
15	434	390	378	374	344	406	516	596	494	410	344	298
16	429	398	371	335	347	410	486	623	494	386	276	336
17	429	402	355	340	363	402	460	641	511	351	275	336
18	420	398	374	340	367	378	448	668	507	344	269	321
19	420	390	435	332	363	367	464	668	503	365	266	276
20	420	382	394	359	363	355	546	678	503	382	266	266
21	416	382	374	325	367	347	600	641	456	386	262	262
22	411	386	390	344	363	351	646	609	435	351	262	258
23	411	398	402	363	351	347	650	609	419	325	262	295
24	416	402	382	402	351	332	669	575	423	313	262	313
25	416	398	374	367	359	325	695	586	443	313	251	317
26	425	390	371	374	359	325	664	582	456	310	248	313
27	438	386	374	367	347	336	614	533	464	306	248	306
28	425	386	374	347	347	362	591	516	427	295	256	302
29	416	390	371	347	---	386	614	498	394	291	273	298
30	420	363	382	340		396	627	560	382	295	273	295
31	425		423	328		351		557		367	313	
Mean	442	401	379	372	360	406	515	630	486	359	293	284
Acre-Feet	27,200	23,900	23,300	22,900	20,000	25,000	30,500	38,700	29,000	22,100	18,000	16,900

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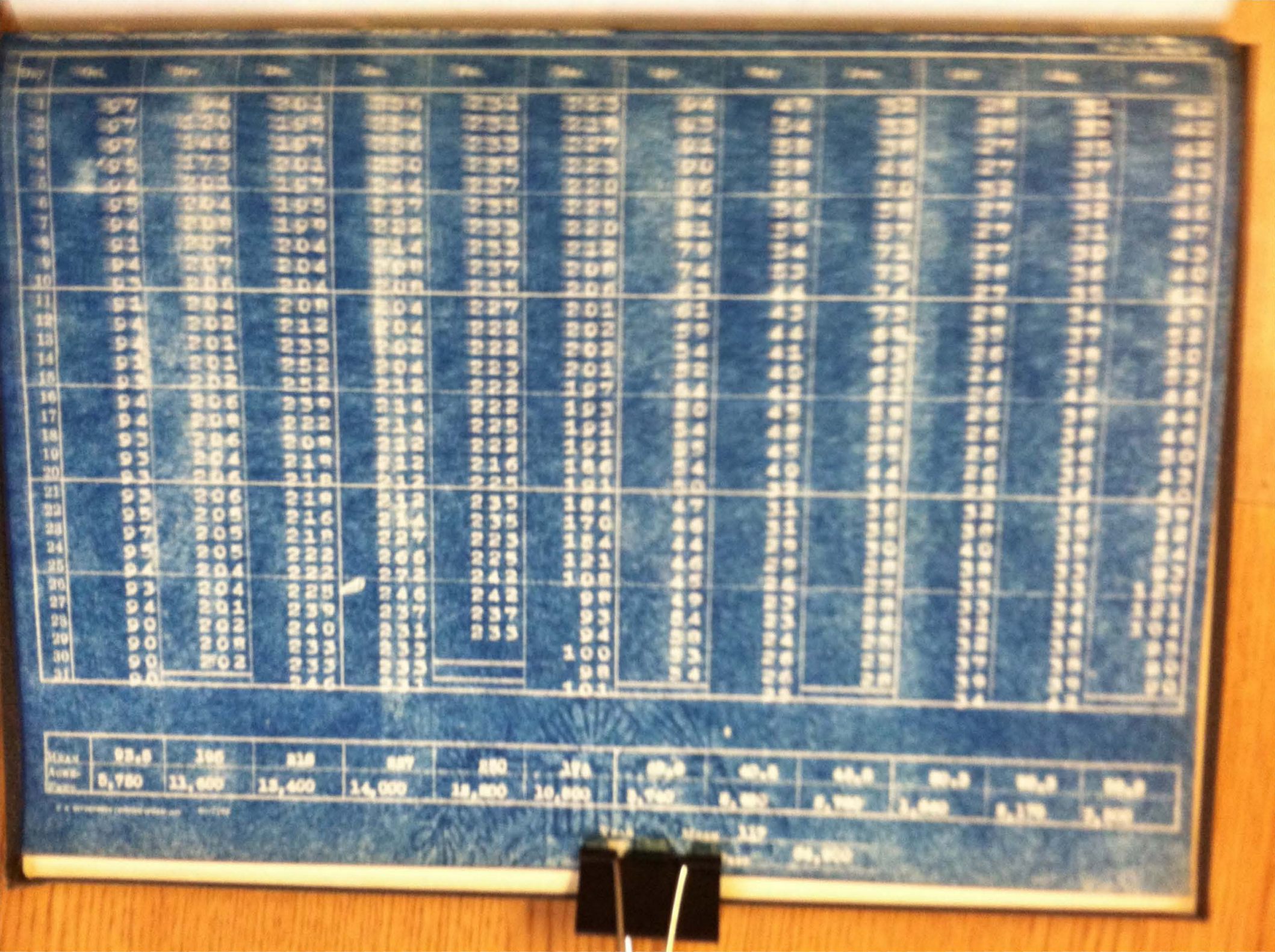
Year Mean 410

Acre-Feet 298,000



Daily discharge, in second-feet, of SNAKE RIVER near ROBERTS, IDAHO for the year ending September 30, 19

Plate No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1											2410	1490
2											2470	1340
3											2440	1030
4											2760	940
5											2540	1120
6											2470	1300
7											2470	1340
8											2180	1360
9											1790	1420
10											1790	1340
11											1980	1290
12											2190	1320
13											2410	1390
14											2440	1380
15											2440	1170
16										3520	1930	1140
17										3360	2200	1130
18										3300	1690	1100
19										3260	1550	1120
20										3180	1530	1140
21										3160	1500	1130
22										2910	1500	1080
23										2940	1690	1020
24										3000	1910	1200
25										2400	1890	1250
26										2110	1610	1310
27										2060	1510	1250
28										2200	1380	1210
29										2190	1470	1140
30										2260	1380	1110
31										2400	1330	

(16-51)

MEAN											3,770	1,980	1,220
Acre-Feet											97,800	121,000	72,600

YEAR MEAN 281,000

Daily discharge, in second-feet, of GREAT FEEDER at and near ROBERTS, IDAHO, for the year ending September 30, 19 24.

Plate No. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1											662	430
2											814	496
3											1010	459
4											1030	452
5											1000	462
6											1080	430
7											1160	420
8											1010	465
9											907	396
10											972	275
11											960	329
12											862	360
13											742	346
14											702	360
15											674	360
16										911	678	369
17										977	510	393
18										1080	390	354
19										1010	549	372
20										742	774	381
21										746	714	426
22										1000	754	396
23										1050	510	270
24										968	235	275
25										758	430	338
26										810	611	378
27										956	513	321
28										854	261	298
29										822	346	298
30										670	506	420
31										506	506	
										(16-31)		
Mean										878	706	376
Acre-Feet										27,600	43,400	22,500

YEAR MEAN

SET. 93,500