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. 38

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

C O N T E N T S

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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 Divide, Aster Creek, and Glade Creek.

The results of these 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
Branwell	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 "
	5,000 "	2,629 "
New Sweden Irrig. Dist.	8,000 "	4,207 "
Peoples Canal Co.	1,200 "	631 "
Poplar Irr. Dist.	15,000 "	7,888 "
Snake River Valley Irrig. Dist.	325,810 "	171,321 "
Minidoka Project		
	200 "	105 "
Bradbury & McMullen (Kennedy Ditch)	155 "	82 "
Herbert Austin (Kennedy Ditch)	2,000 "	1,052 "
Farmers Friend Canal	1,040 "	547 "
Lowder Slough Canal	1,500 "	789 "
Martin Canal Co.		
	2,000 "	1,052 "
Rudy Canal Co.	4,000 "	2,103 "
Sunnydell Irrig. Co.	10,000 "	5,258 "
North Side CanalCo.		
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 Heeley 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 release	- 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 16 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 StringCanal 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 pcol 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	.53	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			
Boomer	Aug. 13, 1888	260	0
Idaho	Aug. 13, 1888	40	
Idaho	May 11, 1889	700	300
	Total	1000	
15. Rudy			
(Butler Island)	June 1, 1885	7.26	0
(Rostan)	June 1, 1886	2	7.26
(C. E. Rostan)	June 1, 1888	2	9.26
	Aug. 13, 1888	100	11.26
	June 1, 1889	30	111.26

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. Lowder & 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	June 1, 1886	14.76	0
Island "	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 & Lewisville	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	DECREE Date	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	.88	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
	July 10, 1889	6.13	20.97
" 203 Shattuck	June 1, 1890	4.59	27.10
" 203 "	July 10, 1890	2.67	31.69
Decree Bon.Life Ins.Co.	Sept. 24, 1906	.80	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
" 380 " " " "	June 1, 1887	0.39	146.00
" 399 " " " "	June 1, 1887	0.29	146.39
" 405 Harris	June 1, 1887	0.52	146.68
" 466 "	June 1, 1887	0.16	147.20
" 465 "	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, 1908	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	748.61	

PARTY OR CANAL	Date	DECREE Amt. in sec.ft.	Older
39. Boar Island Boar 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. 15, 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. Nielson-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. Wearyrick	May 3, 1886	38	0
(Long Island)	June 1, 1887	9.36	38.00
" "	June 1, 1888	1.20	47.36
(Watson Slough)	July 15, 1888	3.20	48.56
(Long Island)	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	3300
	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.	50	480.01
June 1, 1884	Kennedy	340	820.01
June 1, 1884	Harrison	.39	820.40
June 1, 1884	Long Island	.64	821.04
June 1, 1884	Lenroot	58.98	880.02
June 1, 1884	Parks & Lewisville	9	889.02
June 1, 1884	New Lava Side	20	909.02
June 4, 1884	Osgood	20	929.02
June 4, 1884	Butte & Market Lake	2.50	931.52
June 4, 1884	Independent	2.30	933.82
Feb. 27, 1885	Clark & Edwards	29.20	963.02
Mar. 6, 1885	Peoples	70	1033.02
Mar. 6, 1885	Watson Slough	7.60	1040.62
June 1, 1885	Kennedy	62.40	1103.02
June 1, 1885	Harrison	2.56	1105.58
June 1, 1885	Great Western & Porter	2.24	1107.82
June 1, 1885	Long Island	.36	1108.18
June 1, 1885	Farmers Friend	58.97	1167.15
June 1, 1885	Rudy	2.83	1169.98
June 1, 1885	Steele	7.26	1177.24
June 1, 1885	Butler Island	5.24	1182.48
June 1, 1885	Osgood	52.14	1234.62
June 1, 1885	White	3.70	1238.32
June 1, 1885	Sunnydell	5.38	1243.70
June 1, 1885	West Labelle	1.60	1245.30
June 1, 1885	Reid	109.32	1354.62
		30.00	1384.62

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1885	Lenroot	9.00	1393.62
June 1, 1885	East Labelle	48	1441.62
June 1, 1885	Parks & Lowisville	100	1541.62
June 1, 1885	Texas Feeder	48	1589.62
June 10, 1885	Steele	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	38	1806.77
June 1, 1886	Harrison	3.35	1810.12
June 1, 1886	Long Island	.64	1810.76
June 1, 1886	Hill-Pottinger	58.86	1869.62
June 1, 1886	Reid	.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	Burgess	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	Burgess	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-Pottinger	38	2233.17
June 1, 1887	Riversido	.48	2233.65
June 10, 1887	Burgess	99.35	2333.00
June 15, 1887	Rigby	10	2343.00
Jan. 18, 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 Labollo	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. 13, 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	Burgoss	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. 23, 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	
Jan. 22, 1916	Arnsberger	3	23421.20
Jan. 22, 1916	Mattson-Craig	14	23424.20
Jan. 22, 1916	Enterprise	62	23438.20
Jan. 22, 1916	Farmers Friend	160	23500.20
Jan. 22, 1916	Anderson, E. R. & Willow Creek	300	23660.20
Jan. 22, 1916	Riley	12	23960.20
Nov. 14, 1916	Milner Low Lift	135	23972.20
Aug. 6, 1920	North Side Canal Co.	1260	24107.20
Mar. 13, 1921	U. S. B. R. (Now Divisions)	8000	25367.20
			33367.20

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

PARTY OR CANAL	Date	DECREE 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			0
L. J. Maurer	June 1, 1892	3.00	3.00
A. P. Crabb	June 1, 1892	1.40	4.40
L. J. Maurer	June 1, 1894	3.00	7.40
Farmers Own	Apr. 1, 1896	34	41.40
Farmers Own	May 1, 1904	12	53.40
Farmers Own	May 1, 1905	40	
	Total	93.40	
5. Conant Creek Canal Co.	May 1, 1901	20	0
6. Almy	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
H 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
Sundborg	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	1.20	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
	June 1, 1890	80	80
25. Consolidated Farmers	June 1, 1892	120	200
	June 1, 1895	55	255
	Jan. 22, 1916	78	
	Total	333	

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

PRINCIPAL WATER RIGHTS OF LOWER TETON RIVER

(Listed in downstream order)

PARTY OR CANAL	Date	DECREE 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 (Teton Irrig. & Mfg. Co., Siddoway & Mfg. Co.)	July 1, 1891	6	0
	July 1, 1892 (After 1 only)	7.68	6
	"		13.68
	April 1, 1898	15.32	
	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	113.62
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, 1898	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.

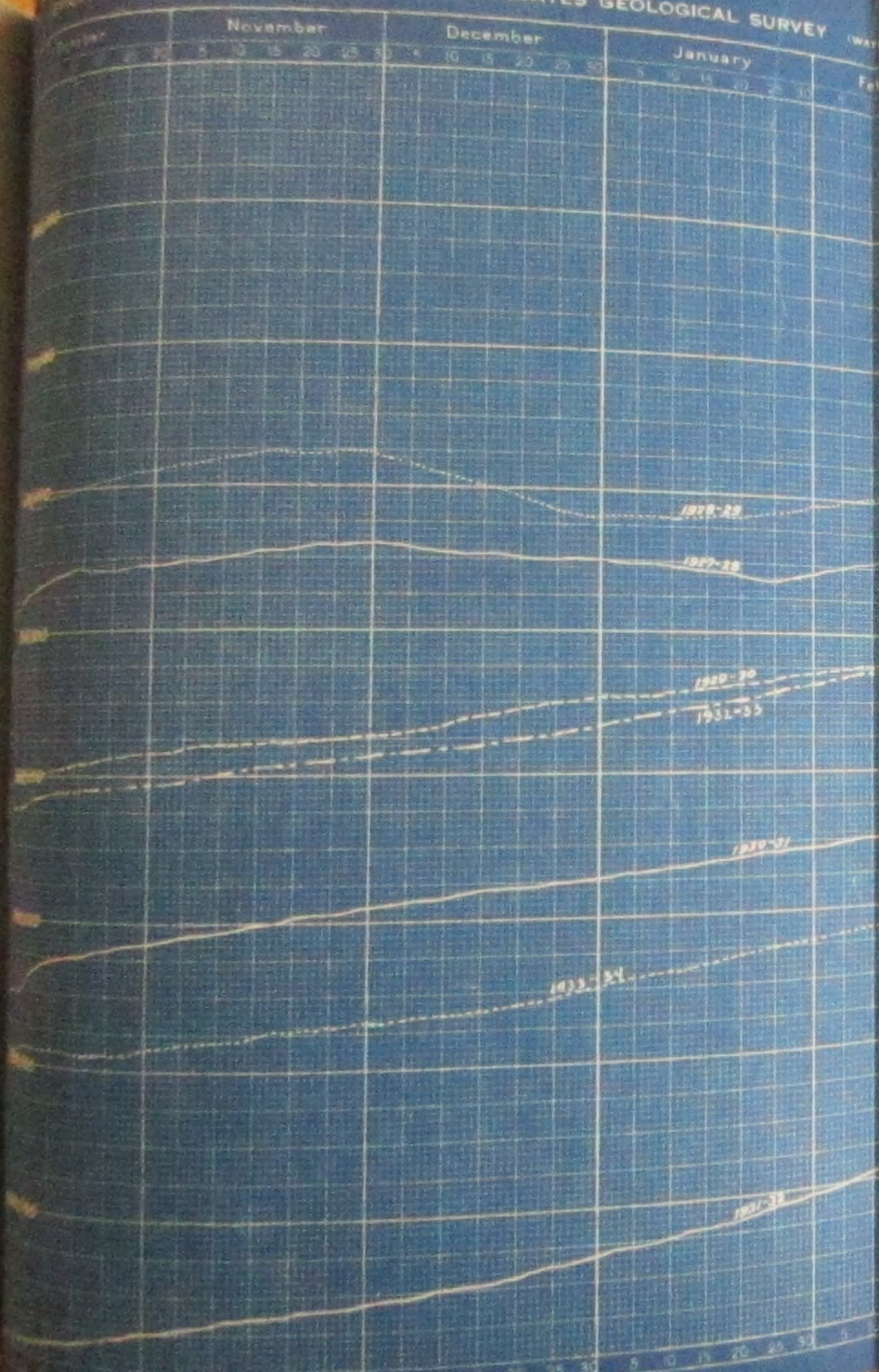
PLATE I

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

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

1927-28

1928-29

1929-30

1930-31

1931-32

1932-33

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

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING MA

October November December January February March April May June July

1927 - 1928

1928 - 1929

1930 - 1931

1929 - 1930

1933 - 34

1932 - 33

1926 - 1927

1931 - 1932

1926

OLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING MARCH 1, 1926

File No.: Washington.....
Utah.....

Plate No. 3

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

1926 - 1927

1927 - 1928

1928 - 1929

1929 - 1930

1930 - 1931

1931 - 1932

1932 - 1933

1933 - 34

1934 - 35

1926

ANNUAL RUNOFF IN MILLIONS OF ACRE-FEET

1 2 3 4 5 6 7 8

6,440,000	1896
7,320,000	1897
5,830,000	1898
7,510,000	1899
No Record	1900
5,080,000	1901
5,440,000	1902
4,350,000	1903
7,380,000	1904
4,430,000	1905
5,430,000	1906
3,510,000	1907
6,770,000	1908
3,540,000	1909
7,230,000	1910
7,080,000	1911
6,040,000	1912
8,600,000	1913
7,550,000	1914
4,950,000	1915
6,820,000	1916
8,120,000	1917
7,590,000	1918
4,610,000	1919
5,330,000	1920
6,770,000	1921
6,020,000	1922
5,630,000	1923
5,900,000	1924
6,290,000	1925
4,789,000	1926
2,470,000	1927
6,743,000	1928
4,770,000	1929
4,444,000	1930
3,797,000	1931
4,915,000	1932
3,011,000	1933
2,548,000	1934

Average 6,030,000

Note: Runoff totals are for climatological year ending Sept. 30 as adopted for American Falls Reservoir Districts.

(FROM U.S. GEOLOGICAL SURVEY WATER SUPPLY PAPER 773-B)

ANNUAL RUNOFF IN HUNDREDS OF THOUSANDS OF ACRE-FEET

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

1,130,910	1904
779,530	1905
893,220	1906
1,305,030	1907
1,123,600	1908
1,144,300	1909
1,238,070	1910
1,345,790	1911
774,110	1912
1,436,000	1913
1,149,360	1914
770,130	1915
1,272,180	1916
1,238,040	1917
1,248,200	1918
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
1,337,000	1928
845,000	1929
794,000	1930
576,000	1931
992,000	1932
878,000	1933
628,000	1934

Average 1,053,000

Note: Runoff totals are for climatological year ending Sept 30th and are corrected for depletion and storage conditions

SYNOPSIS OF REPORT ON SNAKE RIVER AT MORRIN, IDAHO
PLATTE 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
RILEY									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANDERSON									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAGLE ROCK									151	151	140	143	141	133	303	328	324	330	330	333	328	406	415	421	431	440	440	440	440	440	
FARMERS FRIEND									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENTERPRISE									186	185	190	148	20	208	272	292	316	314	141	316	316	346	346	348	348	348	348	348	348	348	
NELSON									20	6	41	40	30	30	30	30	30	30	30	25	30	30	30	30	30	30	30	30	30	30	
MATTSON - CRAIG									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARNBERGER									3	3	3	3	4	4	4	4	7	7	7	7	5	7	8	6	6	8	8	8	8	8	
BUTLER ISLAND									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSS & RAND									14	16	17	22	22	18	20	19	19	42	43	48	55	55	0	0	0	17	16	36	35	36	
STEELE									2	3	3	3	4	5	5	6	6	6	0	0	0	0	0	0	0	5	6	6	6	6	
HARRISON									0	0	0	0	0	0	0	0	0	0	0	0	0	12	8	9	9	8	8	8	8	8	
CHENEY									69	69	175	175	178	182	198	305	309	313	309	305	305	385	385	470	470	474	481	469	467	455	
BOOMER									0	0	0	0	0	0	0	0	0	0	7	6	6	7	7	7	7	7	6	6	6	7	
RUDY									0	0	14	14	14	14	14	14	14	14	169	181	184	184	187	194	20	16	14	10	10	10	
KITE & NORD									76	81	92	112	168	168	130	148	160	170	168	168	142	142	141	142	141	140	140	140	142	142	
BURGESS									0	0	0	0	0	0	0	0	0	0	7	8	8	10	12	6	6	6	5	5	5	5	
CLARK & EDWARDS									374	379	387	387	379	402	387	618	623	614	609	614	631	682	655	639	635	635	635	631	635	634	
LOWDER									18	18	20	20	44	46	46	44	44	44	44	44	70	0	0	0	69	70	70	70	67	67	
JENNINGS									10	5	5	5	5	2	4	10	15	15	21	25	29	28	28	30	25	27	29	28	28	32	
EAST LABELLE									0	1	1	1	1	0	0	0	2	2	3	8	6	10	7	7	6	9	10	9	9	9	
SUNNYDELL									20	43	48	48	51	53	54	48	46	47	43	55	56	63	66	106	101	104	101	102	104	105	
LENROOT									48	49	70	78	87	87	87	84	84	78	84	89	89	89	78	89	41	41	89	89	89	91	
REID									50	63	63	63	17	17	17	17	24	30	24	17	17	17	30	34	40	44	44	43	44	44	
TEXAS FEEDER									0	0	0	0	23	50	70	91	108	135	138	150	153	156	156	150	150	150	141	150	150	150	
NELSON COREY									17	17	25	30	128	135	142	149	149	149	137	125	164	204	204	247	255	275	279	279	279	279	
HILL PETTINGER									2	2	2	2	0	0	2	3	4	6	6	6	10	14	14	18	15	17	17	14	13	14	
RIGBY									5	5	5	5	0	0	0	1	2	1	2	1	2	1	2	1	2	1	2	1	0	2	
DILTS - ISLAND									6	6	6	6	54	96	116	145	149	153	157	160	142	155	150	158	153	155	153	149	149	152	
W. LABELLE - LONG ISLAND									100	110	120	150	161	110	105	105	108	111	108	105	105	100	144	174	174	179	182	142	146	148	
PARKS & LEWISVILLE									260	266	270	280	304	296	288	290	294	318	356	395	448	502	513	502	502	502	447	447	497	502	
NORTH RIGBY									140	149	154	160	226	225	230	217	248	278	300	312	350	326	182	278	314	223	220	223	226	224	
WHITE									40	40	40	40	40	40	38	36	34	42	44	46	46	46	50	50	48	50	50	50	50	50	
ELLIS									4	4	4	4	5	4	3	2	1	1	2	3	5	7	8	8	7	7	7	7	7	7	
BRAMWELL									0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	5	5	5	5	3	5	3	
BUTTE & MARKET LAKE									0	0	0	0	11	11	11	11	8	6	4	2	0	13	14	12	13	11	11	11	11	9	
OSGOOD									161	161	169	177	185	194	210	228	246	271	246	278	260	274	298	301	296	290	284	277	275	273	
BEAR ISLAND									50	50	50	50	52	55	57	59	61	49	37	39	41	40	40	40	40	42	100	105	105	100	
SMITH									0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENNEDY									0	0	0	0	0	1	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
IDAHO									37	37	34	30	22	14	14	14	14	20	27	32	38	34	30	25	34	44	35	28	26	26	
GREAT WESTERN									300	310	320	332	456	581	592	604	616	704	704	734	886	948	1010	963	966	963	871	869	809	749	
PORTER									56	56	86	103	108	110	113	113	123	180	214	134	134	167	268	338	410	408	394	394	392	387	
COY & KELLAR									24	24	24	35	34	32	32	33	34	34	104	56	63	63	140	147	167	167	165	163	163	164	
WOODVILLE									0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	
SNAKE RIVER VALLEY									0	0	0	0	0	0	0	0	0	0	20	18	16	16	80	80	81	82	80	78	79	80	
TOTAL HEISE TO SHELLEY									160	170	180	200	215	230	238	246	252	232	210	204	188	221	210	204	203	204	205	207	207	208	
RESERVATION									2387	2462	2725	2866	3170	3682	3819	4284	4483	4736	5049	5063	5378	5640	5881	6241	6752	6641	6485	6426	6207	6254	
BLACKFOOT									143	87	94	99	88	0	0	0	0	0	0	0	0	0	169	430	461	483	514	506	488	506	
NEW LAVA SIDE									0	0	0	0	80	142	0	0	0	130	219	247	234	0	184	361	331	365	370	356	341	356	
PEOPLES									46	81	80	74	81	77	80	80	80	85	90	90	91	80	84	95	87	83	80	82	80	140	
ABERDEEN-SPRINGFIELD									24	24	24	24	24	24	24	24	24	73	85	90	24	24	24	310	309	524	524	517	509	485	
CORBETT									175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461	461	318	641	301	435	334	
NIELSEN HANSEN									0	89	70	104	84	70	75	72	77	96	103	106	92	111	151	124	126	115	144	136	101	113	
RIVERSIDE									0	2	0	2	0	0	0	0	0	0	0	0	4	9	11	11	10	9	15	5	3	4	
DANSKIN									0	70	78	89	88	84	100	83	92	92	99	98	99	59	100	103	100	97	100	98	99	99	
TREGO									10	0	76	100	145	73	151	134	134	170	156	144	156	137	130	155	116	97	93	97	90	141	
WEARY RICK									0	0	0	0	0	0	0	0	0	49	63	63	36	0	0	35	72	80	76	63	59	0	
WATSON									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PARSONS									0	0	0	36	29	19	27	28	34	53	34	33	19	25	40	73	57	44	37	34	42	34	
TOTAL SHELLEY TO CLOUGH									4	0	0	47	35	0	30	33	104	67	47	11	30	0	102	74	31	39	41	31	41	31	
									402	353	442	581	651	491	477	497	612	844	886	824	810	965	1081	1449	1490	1391	1443	1378	1310	1353	

RECORD
NO

DAILY DISCHARGE IN SECOND FT. OF SNAKE RIVER CANALS FOR MAY 1914

SEELEY CREEK	0	0	0	0	0	0	0	21	21	21	21	21	21	21	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
BIG BEAR	435	435	435	435	435	435	435	449	421	415	438	431	431	431	407	407	396	396	393	369	369	369	369	369	369	369	369	369	369	369	369	369
LITTLE BEAR	348	232	201	193	191	193	208	190	194	208	201	210	215	213	201	201	473	438	411	369	369	369	369	369	369	369	369	369	369	369	369	369
LENTZ DAIRY	219	286	277	290	290	313	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334
LENTZ RAISE	14	131	121	121	121	121	189	189	189	190	189	189	189	189	189	121	113	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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	0	0	0	0	0
MATTSON & CRAIG	5	0	0	0	0	0	0	0	21	22	19	21	21	21	21	10	16	16	16	16	10	10	7	8	8	8	8	7	7	7	7	7
ARNSELINGER	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	0
BUTLER ISLAND	38	36	36	36	33	33	40	36	38	54	54	54	54	55	55	55	51	51	54	55	56	51	51	51	50	44	51	52	52	0	0	0
MOSS & HAND	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	6	6
STEELE	8	8	8	8	8	8	8	8	8	8	7	7	7	8	8	7	7	7	7	7	3	4	5	5	5	7	7	7	7	7	7	7
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	460	468	464	468	8	8	8	8
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	6
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	14
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	139	138	136	137	5
KITE & MORO	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	0	5	5	5	5	5
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	0
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	70	70	70
LOWDER	24	24	24	24	24	22	22	40	34	34	34	34	41	34	36	32	36	38	18	18	8	8	8	3	3	1	3	53	53	53	53	53
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	7
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	0
SUNNYDELL	87	42	87	87	87	87	84	114	124	144	134	130	128	130	160	87	87	87	85	87	85	91	92	92	92	0	0	0	0	0	101	0
LEN ROOT	43	40	43	43	43	43	43	119	119	119	119	116	119	118	118	43	43	43	42	42	42	44	44	44	44	44	44	44	40	40	140	0
REID	151	151	136	151	150	152	152	152	151	153	138	154	154	153	155	155	156	133	144	155	157	150	150	150	150	150	146	148	148	150	151	0
TEXAS FEEDER	284	279	279	274	279	279	279	279	274	255	279	279	279	279	255	277	235	227	220	235	255	255	59	233	277	277	277	277	277	277	259	0
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	0
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	0
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	0
DILLE & ISLAND	198	194	192	191	175	197	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	0
W. LABELLE & LONG ISLAND	502	508	502	502	443	443	454	448	464	501	481	562	481	448	470	443	437	508	513	518	491	491	513	529	529	529	529	400	418	521	521	0
PARKS & LEWISVILLE	226	226	245	252	236	263	263	261	292	319	294	306	283	277	306	304	295	345	345	334	331	340	343	352	352	352	352	352	350	346	346	0
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	0
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	0
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	0
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	0
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	0
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	0
BEAR ISLAND	0	0	2	1	3	0	3	3	0	2	3	3	0	3	3	3	3	3	3	0	0	1	2	2	3	1	0	3	3	3	0	0
SMITH	0	0	0	0	0	0	2	1	0	1	2	1	0	2	1	1	1	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0
KENNEDY	27	28	28	32	45	46	48	49	48	48	38	29	28	28	27	34	34	34	34	34	37	34	30	28	27	29	30	32	32	0	0	0
IDAHO	749	704	587	587	601	601	714	734	855	855	982	989	982	989	989	989	989	989	604	604	575	553	545	533	550	550	596	610	598	613	564	0
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	0
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	0
COY & KELLER	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0
WOODVILLE	81	83	94	79	74	76	78	79	79	79	81	83	81	80	80	73	66	66	0	0	0	0	0	63	65	66	70	74	78	80	82	0
SNAKE RIVER VALLEY	208	330	461	384	180	342	527	649	661	657	641	629	647	651	643	471	210	16	0	0	200	264	268	263	267	273	274	274	275	281	282	0
TOTAL HEISE TO SHELLEY																																
RESERVATION	524	576	567	555	564	578	610	625	621	621	594	597	576	589	574	490	474	425	418	448	456	420	493	352	385	396	414	468	457	463	511	0
BLACKFOOT	359	353	345	351	331	331	356	339	355	360	349	357	331	356	365	361	359	341	0	321	294	296	359	344	0	0	0	0	145	160	310	0
NEW LAVA SIDE	150	119	116	116	115	117	151	149	137	150	130	156	150	150	149	149	149	0	0	0	0	80	80	80	78	78	77	77	147	150	152	0
PEOPLES	425	425	435	435	425	425	435	435	445	445	425	435	433	445	445	435	435	0	0	0	0	435	437	425	444	441	444	441	215	208	548	0
ABERDEEN-SPRINGFIELD	701	1010	1060	1140	1140	1140	1250	1250	1140	1240	1250	1250	1240	1260	1250	1140	580	803	898	898	836	163	0	0	345	535	535	601	598	598	550	0
CORBETT	135	141	141	100	48	109	116	144	158	163	140	134	125	129	91	83	0	33	100	119	137	0	153	140	0	0	0	0	113	125	139	0
NIELSEN-HANSEN	6	10	9	9	9	11	14	11	11	12	14	11	10	13	12	4	0	11	17	18	14	13	14	12	13	8	13	14	14	11	13	0
RIVERSIDE	97	97	98	93	93	95	101	108	104	111	110	108	108	108	105	96	50	103	104	110	109	108	108	106	107	97	110	109	109	112	113	0
DANSKIN	169	171	162	138	142	163	180	199	197	197	185	177	171	169	161	135	0	144	173	185	171	167	170	168	180	184	184	184	184	184	184	0
TREGO	0	0	0	0	68	71	61	70	78	34	77	71	67	64	63	64	0	66	67	0	0	0	77	0	0	0	0	0	0	68	108	0
WEARYRICK	58	54	57	30	25	28	28	31	36	37	43	43	44	63	59	41	0	40	40	44	53	54	47	47	37	37	45	42	45	43	24	0
WATSON	120	104	117	104	61	110	120	127	132	135	127	113	111	100	97	84	0	102	97	134	120	120	106	108	69	33	106	121	124	115	38	0
PARSONS	33	30	34	31	15	30	31	34	36	34	34	34	31	34	28	25	0	30	31	34	33	33	32	33	5	0	34	35	35	32	34	0
TOTAL SHELLEY TO GOUGH																																

	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
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	333	320	345	343	342	341	337	8	7	7	160	254	254	254	256	255	311	311	311	311	311	311	311	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	404	404	404	398	401	404	404	359	329	111	105	78	73	73	71	395	316	338	342	338	328	326	335	335	335	325	418	417	417	[illegible]	[illegible]
[illegible] FRIEND	343	340	337	332	334	331	328	325	325	255	252	198	298	276	263	141	8	8	8	8	374	374	374	374	374	374	377	375	373	[illegible]	[illegible]
ENTERPRISE	116	132	74	74	6	6	6	6	6	6	6	6	6	6	6	6	6	6	71	71	71	76	76	76	76	76	80	74	74	65	[illegible]
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	
MATTSON & CRAIG	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	11	7	7	7	7	4	4	8	8	8	8	7	133
RANSBERGER	0	0	0	0	0	0	0	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	51	44	50	49	44	50	49	48	46	46	52	30	30	40	42	43	45	40	40	46	46	46	46	46	49	44	48	48	49	49	1357
ROSS & RAND	0	0	0	4	3	2	2	0	0	0	0	0	0	0	0	3	4	3	2	2	3	3	3	3	3	3	3	3	3	3	55
STEELE	7	7	7	7	6	8	8	8	3	3	1	1	1	2	5	6	6	6	6	6	9	8	8	7	7	7	3	7	7	7	174
HARRISON	8	494	451	444	451	451	8	10	10	8	8	8	8	8	8	6	5	458	458	458	458	458	458	18	12	10	10	10	10	466	5655
CHENEY	5	4	5	2	2	2	2	2	2	2	0	0	0	0	0	0	4	2	1	1	2	2	0	0	0	0	0	0	0	0	40
BOOMER	14	14	14	14	14	14	14	14	14	14	10	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	380
RUDY	136	141	140	140	141	10	10	10	10	10	10	10	10	10	128	128	126	130	140	131	141	142	142	140	139	138	137	136	134	134	2954
KITE & NORD	5	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	1	7	7	7	7	3	3	6	63
BURGESS	644	644	639	644	622	631	622	200	40	35	30	30	30	635	635	635	635	584	584	618	398	398	398	398	398	398	398	398	398	402	13121
CLARK & EDWARDS	68	70	70	71	70	69	70	69	70	68	69	68	68	68	68	68	68	67	68	68	68	68	68	70	70	70	69	69	69	69	2065
LOWDER	53	47	3	3	2	2	2	2	3	3	0	0	2	2	2	2	2	8	8	8	8	8	12	12	43	43	45	45	45	45	460
JENNINGS	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	10	4	9	7	61
EAST LABELLE	0	6	6	6	6	6	6	118	125	125	70	64	64	125	123	122	122	111	114	116	113	113	108	107	119	116	115	120	123	126	2545
SUNNYDELL	102	106	84	55	99	87	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	80	80	85	78	87	1091
LENROOT	142	142	141	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	27	43	44	46	127	126	129	125	118	0	0	0	1350
REID	75	75	67	75	75	75	75	70	70	70	68	62	64	50	136	160	150	150	150	150	110	110	110	70	70	70	70	148	148	147	2920
TEXAS FEEDER	216	216	195	199	208	208	206	201	197	204	204	204	204	189	191	122	208	212	212	210	191	195	176	176	176	176	176	174	174	174	5794
NELSON-COREY	17	17	14	11	14	15	11	12	12	11	12	12	12	11	11	3	12	12	12	13	12	12	11	11	14	14	14	14	14	13	373
HILL-PETTINGER	3	3	2	1	2	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	28
RIGBY	158	150	156	156	156	156	155	155	155	150	148	148	0	0	0	0	153	148	152	155	154	158	157	153	151	153	153	151	159	151	3993
DILTS & ISLAND	217	192	0	0	0	0	0	0	0	0	0	0	0	0	74	74	93	121	121	97	95	97	0	0	93	117	133	133	133	133	1923
W. LABELLE & LONG ISLAND	521	483	489	521	521	502	497	353	384	358	311	306	306	302	363	278	304	387	448	521	464	524	502	524	486	497	475	491	333	318	12769
PARKS & LEWISVILLE	346	328	311	331	345	346	340	331	288	288	245	282	312	302	282	282	300	311	350	350	334	346	345	345	343	338	343	345	343	338	9690
NORTH RIGBY	46	50	44	50	50	44	48	49	49	48	41	41	44	39	39	41	50	43	50	50	49	50	50	50	50	50	50	51	51	51	1420
WHITE	4	4	4	3	3	5	5	5	5	5	4	3	4	1	0	0	0	3	9	11	8	6	6	6	7	7	6	6	7	6	143
ELLIS	4	3	2	4	2	4	4	5	5	5	1	0	1	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	110
BRAMWELL	10	7	6	9	5	0	0	0	8	8	2	1	2	1	1	1	8	8	8	7	8	9	9	9	9	10	9	9	10	9	183
BUTTE & MARKET LAKE	303	328	307	277	281	277	277	141	118	106	109	103	97	97	58	0	0	0	0	139	150	163	177	177	76	0	0	0	214	243	4240
OSGOOD	110	110	114	114	114	114	114	114	114	0	0	0	0	0	0	0	114	114	114	114	114	114	114	114	114	117	120	120	120	120	2641
BEAR ISLAND	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	2	0	8
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3
KENNEDY	0	0	0	27	26	24	24	0	0	0	0	0	0	0	0	0	0	0	0	23	25	27	34	32	29	30	32	28	25	25	411
IDAHO	564	587	578	0	0	0	0	0	528	475	656	590	598	0	0	0	0	692	1000	1010	995	610	601	596	593	622	619	627	645	645	13831
GREAT WESTERN	0	145	258	256	252	250	242	233	218	210	208	205	204	204	211	222	231	235	235	235	240	232	228	231	228	358	337	325	326	338	7147
PORTER	0	126	128	129	132	136	130	123	100	92	92	80	64	63	62	64	66	62	88	88	86	95	104	106	109	163	163	165	168	168	3152
COY & KELLER	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	10
WOODVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	67	78	78	75	71	0	0	0	0	72	70	85	665
SNAKE RIVER VALLEY	281	236	231	228	228	232	236	232	231	48	0	0	0	0	0	397	527	542	531	396	342	331	342	261	253	253	245	239	234	232	7308
																															137724
TOTAL HEISE TO SHELLEY	6341	6051	5638	4968	4447	4790	4229	3234	3371	2773	2594	2900	2768	2778	3047	3454	3894	5216	5765	5906	5872	5578	5534	4923	5038	5244	5248	5241	5363	5943	
RESERVATION	533	574	513	472	454	289	0	40	477	459	400	340	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4865
BLACKFOOT	348	178	172	173	171	167	169	0	0	0	168	165	168	169	171	169	168	212	0	0	0	0	168	165	161	170	168	167	190	156	4113
NEW LAVA SIDE	151	82	79	79	76	76	80	79	0	0	0	0	0	0	0	77	76	78	79	80	80	79	80	78	81	80	80	82	77	82	1890
PEOPLES	424	429	0	0	0	0	0	0	61	418	433	63	54	56	56	60	0	0	418	422	422	416	420	412	0	0	0	0	0	408	4572
ABERDEEN-SPRINGFIELD	508	547	539	530	503	503	503	105	0	0	506	452	388	340	390	393	393	393	398	460	481	476	476	475	514	630	627	630	605	633	13506
CORBETT	170	107	85	83	83	77	94	0	0	0	122	113	68	68	48	101	90	52	0	50	56	54	51	55	45	64	71	78	73	70	2078
NIELSEN-HANSEN	17	15	5	5	5	14	16	15	14	14	13	10	12	12	12	11	7	8	1	2	8	7	4	2	1	11	11	11	11	5	279
RIVERSIDE	114	102	107	97	98	97	0	0	0	64	61	86	82	75	93	43	89	89	0	0	105	104	103	99	106	109	111	109	110	110	2363
DANSKIN	182	0	0	0	0	141	86	126	124	106	101	137	138	167	176	174	164	168	106	135	195	180	145	42	125	177	191	185	162	130	3861
TREGO	82	86	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	38	42	72	68	48	29	20	66	70	70	0	0	826
WEARY RICK	51	64	50	47	57	57	59	45	45	51	48	40	42	42	45	46	46	40	32	22	20	46	46	28	11	7	56	68	35	54	1297
WATSON	134	125	115	113	111	111	61	58	35	35	34	30	30	26	101	98	119	101	65	0	118	120	97	11	0	119	129	125	135	105	2441
PARSONS	33	34	34	33	33	32	33	24	24	25	24	23	23	24	24	22	24	23	20	14	37	37	35	0	0	27	24	26	37	26	733
TOTAL SHELLEY TO CLOUGH	2331	2343	1779	1652	1591	1614	1101	442	780	1172	1410	1459	1319	1030	1162	1194	1170	1210	1147	1225	1610	1577	1645	1427	1060	1509	1555	1516	1494	1764	43224

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR JULY 1939

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]	12	12	14	10	14	10	16	16	16	12	12	12	12	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	346	346	346	346	345	345	346	345	345	345	346	346	346	345	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	434	434	470	528	462	464	464	467	466	434	418	418	434	434	434	434	418	417	415	416	413	421	420	410	420	450	420	417	412	400	417	[illegible]
FARMERS FRIEND	336	338	334	336	336	336	336	336	338	334	334	334	332	332	332	331	331	331	328	328	337	337	337	337	337	333	337	337	335	337	341	[illegible]
ENTERPRISE	54	58	60	57	60	50	50	60	60	44	48	51	51	52	51	44	58	58	48	48	41	30	16	20	17	19	14	2	13	13	[illegible]	[illegible]
NELSON	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]
MATTSON & CRAIG	7	7	7	6	7	10	9	9	7	10	10	10	10	10	7	10	8	7	7	7	7	7	10	7	7	4	13	8	8	10	8	254
BANSBERGER	0	0	0	0	0	0	0	0	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	43	41	39	44	42	50	50	49	44	51	52	49	49	49	49	36	34	35	50	49	47	48	47	46	44	42	42	40	40	46	44	1344
ROSS & RAND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	0	0	0	0	3	0	0	0	0	0	0	4	3	57
STEELE	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	6	6	6	6	6	6	[illegible]
HARRISON	466	462	466	466	466	466	466	10	10	8	8	8	8	466	466	466	466	464	464	466	10	12	10	8	8	8	464	464	464	464	464	[illegible]
CHENEY	0	0	3	4	6	5	5	6	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	1	39
BOOMER	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	12	12	12	12	10	10	10	10	10	10	10	328
RUDY	132	130	131	134	111	137	139	144	146	146	145	146	144	10	3	3	3	152	150	151	151	146	146	147	146	6	3	3	2	144	144	3245
KITE & NORD	0	0	0	0	0	0	0	6	6	8	3	4	4	3	0	0	0	0	0	3	4	2	3	2	3	3	4	0	0	0	3	61
BURGESS	394	394	394	391	394	391	402	402	402	402	402	406	406	402	402	402	402	25	25	393	402	444	461	461	457	402	402	402	402	402	398	11859
CLARK & EDWARDS	70	70	70	69	69	68	70	70	70	70	70	68	69	69	69	68	68	68	68	68	70	69	69	69	68	68	67	67	67	67	67	2129
LOWDER	2	2	2	2	2	2	2	2	2	12	12	43	45	45	45	45	2	2	2	2	2	2	2	2	2	8	9	6	6	8	22	342
JENNINGS	0	0	0	0	0	7	7	0	0	0	0	7	7	7	9	9	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	59
EAST LABELLE	125	125	124	124	122	118	120	129	130	122	120	122	126	126	8	6	6	6	6	123	123	123	123	124	123	123	8	8	8	8	8	2667
SUNNYDELL	87	84	0	0	0	0	0	0	80	82	82	85	78	78	84	84	0	0	0	0	0	0	85	82	93	87	84	85	0	0	0	1340
LENROOT	0	0	0	0	0	148	131	136	146	141	103	0	0	0	0	0	0	0	128	136	122	120	0	0	0	0	0	0	0	0	0	1311
REID	146	146	145	67	66	56	65	69	148	148	146	147	147	146	47	0	0	0	145	142	136	145	145	142	140	126	0	0	0	0	0	2810
TEXAS FEEDER	174	174	174	174	174	165	172	176	172	178	178	180	178	182	182	176	174	184	174	169	169	161	172	172	163	149	170	167	170	170	167	5340
NELSON-COREY	13	13	13	13	13	13	12	12	13	13	12	12	12	12	12	12	11	12	12	12	11	8	12	12	12	0	0	12	12	12	12	350
HILL-PETTINGER	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	1	2	4	3	0	0	4	3	3	4	69
RIGBY	160	153	153	159	0	0	0	0	160	160	173	169	180	169	98	93	75	79	78	89	91	90	90	91	91	88	91	94	94	97	91	3156
DILTS & ISLAND	131	159	159	102	91	91	0	0	0	128	128	128	129	154	156	156	0	0	0	0	0	0	0	156	157	151	125	127	124	0	0	2552
W. LABELLE & LONG ISLAND	292	321	446	510	505	505	529	529	529	529	529	529	526	448	526	77	81	76	521	521	518	456	456	424	518	77	77	78	77	521	529	12,260
PARKS & LEWISVILLE	340	338	336	333	348	340	345	343	341	340	338	338	338	314	338	345	345	341	345	345	343	136	142	123	319	311	334	334	341	334	309	9817
NORTH RIGBY	51	50	51	50	51	50	50	51	51	51	50	50	51	50	50	50	50	50	50	50	50	50	49	48	48	48	48	48	48	50	50	1544
WHITE	7	6	6	7	7	7	6	7	7	7	7	7	7	6	7	7	6	6	6	6	6	6	6	6	5	6	6	5	5	5	6	193
ELLIS	5	5	4	5	5	4	5	5	5	0	0	0	0	0	0	0	0	5	4	5	5	5	5	5	5	0	0	0	0	0	0	82
BRAMWELL	9	8	8	9	9	8	9	9	9	9	9	9	9	0	0	0	0	0	10	4	10	10	10	7	0	0	0	0	0	7	4	181
BUTTE & MARKET LAKE	243	243	243	194	190	186	186	186	225	238	252	250	201	199	197	195	201	193	193	26	0	0	0	0	157	212	191	191	0	0	0	4792
OSGOOD	120	0	0	0	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	117	117	0	0	0	0	0	0	0	117	117	1992
BEAR ISLAND	0	2	3	0	0	2	0	0	1	0	0	0	2	1	0	2	2	1	1	0	0	0	0	0	0	2	2	0	0	2	0	23
SMITH	1	0	1	1	2	1	0	0	2	1	0	1	2	1	0	1	2	1	1	2	0	0	1	1	1	0	1	0	0	2	0	26
KENNEDY	30	36	38	40	40	40	38	37	35	40	40	40	31	35	37	39	36	30	28	25	30	36	36	36	37	28	35	24	24	24	24	1049
IDAHO	639	651	636	648	639	636	622	624	622	624	622	633	616	622	633	613	613	616	616	616	604	624	639	386	381	384	396	391	386	396	408	17536
GREAT WESTERN	254	238	241	234	238	234	252	240	268	23	0	0	0	0	219	290	306	304	300	229	248	259	259	256	254	253	253	254	253	253	252	6664
PORTER	103	103	104	106	107	108	110	112	115	302	304	302	299	299	75	0	0	0	0	84	110	109	107	106	104	100	98	98	98	97	102	3762
COY & KELLER	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	1	10
WOODVILLE	80	76	76	76	76	0	0	0	0	70	76	82	81	81	81	0	0	0	0	79	79	81	83	85	76	0	0	0	0	80	61	1480
SNAKE RIVER VALLEY	232	307	319	324	325	324	314	312	304	239	223	221	204	268	304	304	300	298	296	292	288	189	168	173	171	231	252	256	252	246	231	8167
TOTAL HEISE TO SHELLEY	5566	5563	5657	5552	5553	5415	5354	4423	5424	5467	5592	5348	5179	5574	5424	4808	4498	4257	4978	5321	4924	4611	4487	4304	4764	4024	4240	4235	3961	[illegible]	4634	154136
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	167	167	0	0	185	205	196	196	194	193	194	197	198	196	166	170	179	178	173	174	170	168	168	136	136	129	146	146	146	146	146	4963
NEW LAVA SIDE	80	77	78	79	80	78	77	81	78	78	80	80	0	146	143	145	76	78	79	78	79	80	81	79	80	0	0	0	0	0	80	2170
PEOPLES	418	417	418	418	418	0	0	0	0	0	0	0	410	424	422	412	418	48	0	0	0	0	0	416	416	412	412	0	0	0	0	5889
ABERDEEN-SPRINGFIELD	607	610	610	607	613	650	668	677	654	633	624	624	624	604	581	555	578	569	555	561	527	508	508	508	527	514	478	455	470	429	445	17680
CORBETT	83	76	66	60	61	49	49	47	40	47	44	99	92	0	0	0	0	0	93	101	99	96	97	84	88	79	0	0	0	0	65	1820
NIELSEN-HANSEN	9	14	15	15	16	16	16	10	13	9	12	11	11	10	9	12	12	4	11	11	11	10	10	9	11	9	9	12	12	11	6	341
RIVERSIDE	108	110	106	104	106	110	108	106	104	101	106	106	106	106	109	111	112	114	111	109	109	0	110	107	108	106	104	0	97	98	108	3100
DANSKIN	120	127	142	150	164	196	192	181	158	151	162	194	192	185	168	178	180	174	174	174	172	164	0	0	0	171	152	164	176	172	172	4707
TREGO	0	0	0	0	0	64	64	60	44	39	32	0	0	0	0	0	64	63	64	65	0	0	0	0	0	0	0	64	65	67	0	755
WEARYRICK	32	31	39	38	48	73	66	54	42	36	36	53	56	49	48	58	57	57	60	59	55	53	53	50	53	51	39	56	55	54	52	1563
WATSON	53	53	72	81	123	126	125	115	104	97	40	114	106	113	105	133	105	108	108	107	104	77	70	66	68	75	76	90	80	70	70	2876
PARSONS	0	0	3	16	30	39	33	33	24	29	20	33	34	37	28	26	26	27	26	16	20	20	22	21	24	31	14	23	33	32	22	705
TOTAL SHELLEY TO CLOUGH	1682	1692	1551	1568	1932	1656	1638	1604	1510	1452	1455	1513	1824	1864	1779	1800	1807	1420	1414	1465	1346	1178	1119	1476	1504	1567	1417	1354	1124	1129	1217	46665

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	22	26	26	25	22	22	22	22	23	23	25	21	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NELSON & CRAIG	8	7	6	6	7	8	7	7	9	10	9	9	8	12	7	5	5	5	2	5	5	5	5	5	5	5	2	5	7	7	8	202
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BUTLER ISLAND	44	0	40	40	40	38	36	42	44	48	48	44	44	46	42	43	42	44	46	45	40	38	30	20	46	44	42	44	44	46	46	1266
ROSS & RAND	0	0	0	3	3	3	2	3	3	0	0	3	3	2	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STEELE	7	7	10	7	7	7	7	7	7	6	6	6	6	6	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	211
HARRISON	464	10	12	12	12	10	10	451	451	8	8	8	8	6	6	6	447	447	12	8	8	8	8	8	6	6	435	456	8	6	6	3351
CHENEY	0	0	0	0	0	0	4	2	2	3	4	4	4	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24
BOOMER	10	10	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	290
RUDY	145	146	147	146	152	148	9	9	9	9	86	88	4	7	8	8	85	85	9	9	9	9	85	85	9	9	9	9	9	11	12	1565
KITE & NORD	2	3	0	0	0	0	1	1	1	1	0	0	4	4	3	0	0	0	0	0	4	0	1	1	0	2	0	0	0	0	0	28
BURGESS	398	398	348	348	348	30	30	25	25	25	364	387	387	387	383	35	35	35	35	35	402	344	344	344	398	35	30	30	35	35	35	6390
CLARK & EDWARDS	67	70	70	70	70	70	70	70	10	8	6	70	70	70	70	70	70	70	70	71	10	8	8	23	62	73	73	73	73	73	73	1761
LOWDER	24	24	24	16	10	1	3	3	11	11	11	1	1	1	1	6	11	6	10	10	6	11	5	5	1	1	1	0	0	0	0	215
JENNINGS	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	13
EAST LABELLE	123	123	123	123	123	124	10	8	8	8	8	122	122	121	111	120	102	120	10	8	8	8	8	3	78	123	98	116	8	6	6	2074
SUNNYDELL	0	0	0	82	84	84	61	86	0	0	0	0	0	0	85	89	82	65	65	0	0	0	0	0	0	0	32	80	96	96	0	1087
LENROOT	0	108	133	124	128	0	0	0	0	0	0	0	0	0	112	124	121	0	0	0	0	0	0	0	0	0	0	93	86	88	67	1184
REID	152	158	165	143	144	150	0	0	0	0	0	162	140	136	121	138	0	0	0	0	0	145	162	155	162	162	0	0	0	0	0	2345
TEXAS FEEDER	163	147	147	145	147	147	125	147	147	147	147	147	147	147	133	147	147	142	145	147	147	108	136	136	128	102	116	133	128	127	130	4302
NELSON-COREY	11	13	13	11	12	12	7	9	12	12	12	10	12	12	9	12	5	10	5	6	9	0	0	14	9	0	0	0	6	5	12	260
HILL-PETTINGER	3	4	0	2	5	5	1	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	34
RIGBY	87	42	41	91	91	91	91	85	85	85	85	88	84	89	89	88	82	86	88	90	88	90	90	61	86	86	57	84	90	98	41	2669
DILTS & ISLAND	0	0	0	0	150	152	147	114	122	124	0	0	0	0	0	0	124	142	150	119	119	120	0	0	0	0	0	0	147	147	148	2025
W. LABELLE & LONG ISLAND	432	432	429	427	416	52	51	53	53	435	435	435	418	53	53	503	389	318	510	510	481	53	51	49	53	53	475	508	510	510	508	9655
PARKS & LEWISVILLE	311	255	255	255	217	217	217	210	217	214	217	217	217	217	210	182	174	182	182	182	180	182	141	127	141	141	141	141	141	141	141	5965
NORTH RIGBY	50	0	0	0	0	0	54	54	54	54	54	54	53	54	50	50	0	0	0	0	0	50	50	0	50	50	50	48	50	50	50	1024
WHITE	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	4	3	5	5	5	5	5	0	5	5	1	2	5	5	5	141
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
BRAMWELL	7	6	6	0	0	0	0	0	6	7	6	6	0	0	0	0	0	0	6	6	5	10	6	0	7	6	0	0	6	6	4	106
BUTTE & MARKET LAKE	0	0	182	185	182	180	119	119	119	118	5	5	5	0	0	0	0	0	0	149	149	149	40	0	0	0	4	10	17	18	18	1828
OSGOOD	117	117	117	117	117	117	117	117	117	117	117	117	0	0	0	0	0	0	0	117	117	117	117	117	117	117	117	117	117	117	117	2808
BEAR ISLAND	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	2	2	0	1	2	1	2	2	0	0	0	0	0	0	0	0	16
SMITH	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	9
KENNEDY	36	36	0	0	0	0	24	24	36	40	40	40	41	41	20	20	20	20	23	26	26	30	33	39	39	40	41	31	31	31	22	850
IDAHO	405	381	379	386	386	388	391	386	393	403	398	400	398	410	393	393	398	396	408	398	398	348	398	398	398	398	50	50	0	0	0	10378
GREAT WESTERN	250	248	248	248	252	253	252	246	247	247	244	244	240	235	235	240	241	240	238	242	241	241	241	241	241	241	241	241	246	252	253	7569
PORTER	106	106	107	106	106	106	105	104	104	104	104	104	104	103	102	103	103	103	103	103	103	103	103	103	105	108	111	110	108	113	113	3266
COY & KELLER	0	0	1	0	0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	1	1	1	0	0	1	0	0	1	0	0	12
WOODVILLE	72	77	77	0	0	0	0	0	64	62	74	74	74	0	0	0	0	0	76	76	69	72	75	80	87	0	0	0	0	77	84	1270
SNAKE RIVER VALLEY	243	243	180	155	154	168	222	234	232	236	243	245	239	240	172	160	174	227	241	257	64	0	206	277	275	80	0	137	184	183	152	5928
TOTAL HEISE TO SHELLEY	4503	3468	4118	4014	4581	3522	3157	3603	3575	3268	3455	3803	3675	3259	3277	3418	3743	3632	3007	3198	3250	2916	3198	3200	3352	2646	2912	3327	2960	3034	3004	106535
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	146	149	149	147	137	139	138	135	132	132	130	131	130	128	124	123	122	126	123	125	123	129	123	123	61	0	0	0	0	181	127	3532
NEW LAVA SIDE	84	87	84	85	0	0	0	0	92	86	86	87	84	87	0	0	0	0	0	84	78	84	86	82	82	0	0	0	0	0	90	1448
PEOPLES	0	0	0	0	420	420	414	414	0	0	0	0	0	0	424	427	424	424	0	0	0	0	0	0	0	431	431	424	0	0	0	4663
ABERDEEN-SPRINGFIELD	484	476	470	467	514	527	525	525	522	525	503	495	495	495	495	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7553
CORBETT	74	79	79	80	72	68	68	0	0	0	0	85	94	96	67	53	51	51	51	0	0	0	0	62	109	50	48	47	46	47	48	1520
NIELSEN-HANSEN	6	11	11	11	8	7	9	7	6	5	7	10	10	10	10	12	12	7	7	5	11	13	11	10	11	6	11	12	10	12	12	290
RIVERSIDE	107	110	106	107	0	106	106	104	103	103	27	27	106	101	100	101	111	110	112	108	111	112	112	109	112	110	109	112	111	112	112	3077
DANSKIN	173	198	178	90	0	0	164	182	169	168	170	189	182	186	186	203	192	84	0	0	180	188	188	177	190	164	199	201	196	194	182	4778
TREGO	0	0	0	0	0	62	68	63	0	0	0	0	0	0	0	0	66	63	66	0	0	0	0	0	0	0	0	64	66	66	0	584
WEARYRICH	47	52	55	55	55	48	50	46	25	29	33	32	32	32	32	48	48	48	50	46	50	48	47	42	44	38	48	45	49	47	45	1366
WATSON	63	71	72	75	74	72	77	69	69	68	71	76	67	68	66	73	73	70	72	66	71	71	70	73	72	50	69	68	79	73	82	2190
PARSONS	25	24	21	23	23	22	22	20	21	19	18	20	22	21	21	23	21	22	21	20	22	24	21	22	22	20	21	21	22	23	24	670
TOTAL SHELLEY TO CLOUGH	1212	1251	1225	1120	1303	1471	1651	1565	1139	1135	1045	1152	1222	1224	1525	1063	1121	1010	502	451	646	669	658	700	699	869	936	994	579	755	722	31671

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR SEPT. 19[illegible]

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
[illegible]	4	2	1	4	3	2	2	1	0	0	0	0	3	2	1	1	1	[illegible]	[illegible]	[illegible]	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANDERSON	173	165	165	176	170	160	155	152	145	148	155	156	167	165	165	161	167	161	155	151	151	155	140	162	167	154	155	155	[illegible]	[illegible]	[illegible]
EAGLE ROCK	346	354	356	340	351	361	361	356	364	369	361	359	345	346	346	348	346	350	356	350	343	347	191	337	320	338	337	[illegible]	[illegible]	[illegible]	[illegible]
FARMERS FRIEND	237	239	235	274	253	199	171	164	140	187	210	210	225	225	218	208	166	141	181	188	193	208	217	213	219	210	201	193	180	170	[illegible]
ENTERPRISE	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	14	16	18	20	20	20	20	20	450
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
MATTISON & CRAIG	8	8	7	5	5	5	4	3	1	3	4	3	3	4	3	5	5	4	4	4	4	4	4	4	4	4	3	3	3	3	131
ARNSBERGER	0	0	0	0	0	0	0	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	46	42	40	44	46	46	44	44	40	30	32	36	44	44	42	42	42	46	48	42	36	36	36	36	38	40	39	38	40	42	1220
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEELE	9	9	9	9	9	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	5	5	6	197
HARRISON	8	8	8	8	464	468	7	7	7	6	6	6	6	6	8	10	464	466	468	40	45	45	45	35	35	115	104	104	104	104	3207
CHENEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	5
BOOMER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	300
RUDY	12	10	10	10	10	12	10	10	10	10	10	10	10	10	10	10	10	13	10	10	10	10	10	10	10	20	20	41	41	41	420
KITE & NORD	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	2	2	2	2	2	19
BURGESS	394	394	394	398	61	61	61	50	45	50	50	50	100	100	100	50	45	45	100	100	80	80	80	80	80	80	100	120	120	110	3588
CLARK & EDWARDS	73	73	71	73	72	72	70	70	67	70	70	70	70	70	70	70	64	64	10	10	64	64	64	64	62	61	62	64	64	64	1912
LOWDER	0	0	5	10	23	23	10	10	1	1	1	1	6	6	9	5	5	5	10	10	10	10	10	10	11	12	18	12	12	12	258
JENNINGS	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	0	0	0	0	0	2	2	2	2	2	26
EAST LABELLE	6	6	6	116	109	111	122	122	115	6	6	6	122	125	122	122	90	85	80	95	109	100	67	48	48	48	48	48	48	48	2184
SUNNYDELL	0	0	0	0	0	0	0	0	0	99	86	0	0	7	7	11	12	11	10	11	11	12	12	84	24	12	12	12	16	16	465
LENROOT	55	67	0	0	0	0	0	0	0	0	0	0	0	102	49	110	124	124	12	12	12	14	14	14	14	17	17	17	17	17	858
REID	177	177	177	177	177	82	81	72	72	72	72	72	72	72	72	72	69	70	72	78	85	72	72	72	68	64	64	64	64	64	2674
TEXAS FEEDER	138	101	132	138	138	143	127	107	42	136	136	136	136	136	135	132	128	128	116	123	130	136	136	135	136	136	136	135	135	135	3858
NELSON-COREY	4	0	0	13	14	12	5	0	0	0	14	13	13	13	13	12	11	11	1	1	1	14	14	13	14	14	14	13	13	13	273
HILL-PETTINGER	1	0	0	3	3	2	0	0	0	0	2	2	2	2	2	2	2	2	0	0	0	2	2	1	1	1	1	1	1	1	36
RIGBY	86	80	76	49	49	49	50	49	49	49	49	49	49	51	52	49	45	46	47	47	47	51	52	49	49	49	49	50	49	48	1563
DILTS & ISLAND	127	124	116	127	127	0	0	0	0	0	0	153	127	127	124	127	116	0	0	0	0	0	0	127	129	128	124	122	119	119	2262
W. LABELLE & LONG ISLAND	510	53	53	53	53	53	510	510	497	510	510	497	510	510	508	510	51	52	53	53	53	497	504	510	510	448	442	437	437	437	10331
PARKS & LEWISVILLE	122	135	135	135	135	135	143	143	143	116	143	138	141	143	143	143	143	143	143	143	143	143	143	143	143	143	143	138	139	140	4183
NORTH RIGBY	51	53	53	53	53	53	45	50	50	42	0	0	0	0	0	0	50	50	50	50	49	48	46	43	45	47	42	37	40	44	1144
WHITE	3	3	3	3	3	3	3	4	5	0	4	5	5	5	3	4	5	5	5	4	4	3	2	2	3	4	3	3	3	4	106
ELLIS	6	6	6	6	3	6	1	0	0	0	0	0	0	0	1	1	0	0	2	0	0	1	0	0	0	1	0	0	0	0	40
BRAMWELL	6	6	4	6	3	2	0	2	1	0	1	1	1	5	3	3	2	0	1	0	0	1	0	0	0	1	0	0	0	0	50
BUTTE & MARKET LAKE	18	0	124	121	118	0	14	14	13	12	30	24	24	24	24	23	22	30	24	24	24	24	24	24	24	24	24	24	24	24	923
OSGOOD	117	117	0	0	0	0	0	0	0	117	117	117	117	117	117	117	0	0	0	0	0	0	0	90	40	40	90	90	90	90	1683
BEAR ISLAND	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	9
SMITH	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
KENNEDY	20	20	18	18	18	18	18	18	18	17	17	17	17	16	16	17	18	16	15	16	16	16	16	15	12	12	12	12	12	12	483
IDAHO	0	0	472	485	398	61	61	61	61	104	112	73	73	464	462	467	464	462	464	94	99	92	89	89	90	92	92	92	92	92	5767
GREAT WESTERN	254	217	150	134	103	106	100	108	113	110	108	113	113	108	108	113	121	123	126	129	134	129	132	137	129	121	108	100	98	98	3738
PORTER	113	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	50	49	44	49	49	49	49	49	49	49	49	49	49	1567
COY & KELLER	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	10
WOODVILLE	82	82	5	5	5	5	5	5	4	4	6	6	6	6	6	6	6	46	60	60	98	5	5	5	10	10	10	10	10	10	583
SNAKE RIVER VALLEY	264	266	266	266	266	108	43	43	45	140	164	165	95	47	49	38	30	28	165	213	222	217	197	198	277	306	302	275	249	249	5193
TOTAL HEISE TO SHELLEY	3493	3093	3175	3336	3331	2445	2305	2249	2127	2584	2555	2570	2683	3137	3116	3068	2941	2861	2871	2150	2251	2632	2624	2851	2940	2878	2865	2831	2742	2782	83154
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	138	138	142	137	0	0	0	0	0	34	142	124	142	142	134	141	34	34	34	30	34	36	36	36	36	44	42	52	54	52	1973
NEW LAVA SIDE	87	87	84	84	84	0	0	0	0	35	10	90	90	87	82	20	10	16	16	16	12	12	12	82	85	85	83	84	85	83	1533
PEOPLES	0	0	0	0	0	0	427	427	431	214	45	36	36	94	67	72	97	84	140	37	42	43	45	58	110	110	114	135	138	138	3142
ABERDEEN-SPRINGFIELD	0	0	0	0	0	0	0	0	0	109	376	266	188	163	105	0	0	0	0	152	452	514	616	333	313	439	456	434	434	413	5795
CORBETT	0	0	0	0	0	0	0	0	0	16	16	0	71	75	60	69	61	65	64	20	0	0	14	8	8	44	85	85	85	84	930
NIELSEN-HANSEN	12	12	10	6	3	7	15	16	15	12	11	7	7	10	7	8	6	10	7	0	0	0	4	11	9	6	2	2	2	2	217
RIVERSIDE	112	111	111	108	106	110	110	111	54	20	20	20	106	108	106	104	102	108	108	8	4	4	0	96	106	80	80	78	78	78	2548
DANSKIN	186	0	0	162	100	151	148	140	183	182	166	178	169	164	158	126	118	98	98	0	0	0	0	114	132	92	92	83	84	78	3287
TREGO	0	0	0	0	0	0	0	58	68	64	60	62	0	0	0	0	0	0	0	0	0	0	67	62	72	63	66	60	0	0	702
WEARY RICK	46	53	48	41	30	44	48	47	48	48	31	32	37	37	40	40	40	42	41	34	13	20	21	20	21	18	20	20	25	25	1003
WATSON	55	70	70	68	18	19	91	77	70	81	34	36	49	66	72	72	68	84	87	45	6	57	84	58	68	53	61	43	66	44	[illegible]
PARSONS	23	16	15	10	0	0	20	32	21	22	5	3	0	14	21	20	18	32	31	5	0	0	18	16	18	16	17	14	16	15	[illegible]
TOTAL SHELLEY TO CLOUGH	689	506	445	629	316	313	909	448	890	830	421	794	895	460	845	675	554	563	610	449	563	635	417	894	996	1050	1098	1094	1012	1012	23147

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
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	32	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	279	279	279	280	280	[illegible]
Big Spring Cr.	415	415	415	415	414	414	414	414	413	413	413	413	412	412	412	412	411	411	411	411	410	410	410	410	409	409	409	409	408	408	408	408	407	407	407	407	407
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
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
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
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	[illegible]
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
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
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
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
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	[illegible]
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	10	10	10	11	11	[illegible]
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	[illegible]
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	[illegible]
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	[illegible]
Sterling	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	[illegible]
Colburn	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	0	1	0	0	1	0	[illegible]
Aberdeen	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	[illegible]
Tartar	0	0	0	73	40	5	4	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	[illegible]
Schiltz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	6	6	4	2	0	0	0	[illegible]
Ross Fork	42	42	42	42	42	41	41	41	40	40	40	39	39	39	38	38	38	38	37	37	37	37	36	36	36	36	36	35	35	35	35	35	35	35	35	35	[illegible]
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	1	1	1	1	1	1	1	1	1	1	[illegible]
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	3	3	3	3	3	[illegible]
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	[illegible]
Total Measured	1330	1328	1324	1346	1353	1306	1300	1292	1279	1261	1253	1243	1229	1221	1227	1209	1207	1202	1196	1189	1180	1176	1169	1166	1161	1167	1170	1171	1169	1167	1162	1166	1167	1164	1166	[illegible]	[illegible]
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	[illegible]	[illegible]
Total Inflow C – N.	2613	2608	2601	2621	2625	2575	2566	2556	2540	2519	2509	2497	2480	2469	2473	2452	2449	2443	2436	2428	2418	2413	2405	2401	2395	2400	2402	2402	2399	2397	2391	2395	2396	2392	2394	[illegible]	[illegible]

INFLOW

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2346	2344	2349	2349	2353	2360	2365	2368	2367	2379	2382	2382	2381	2373	2369	2367	2369	2362	2362	2355	2348

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275	274	274	274	273	273	273
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21	21	20	20	20		
1119	1115	1111	1106	1101		
1218	1218	1217	1216	1216		
2337	2333	2328	2322	2317		

INFLOW TO AMERICAN FALLS RESERVOIR

Second-feet

1934

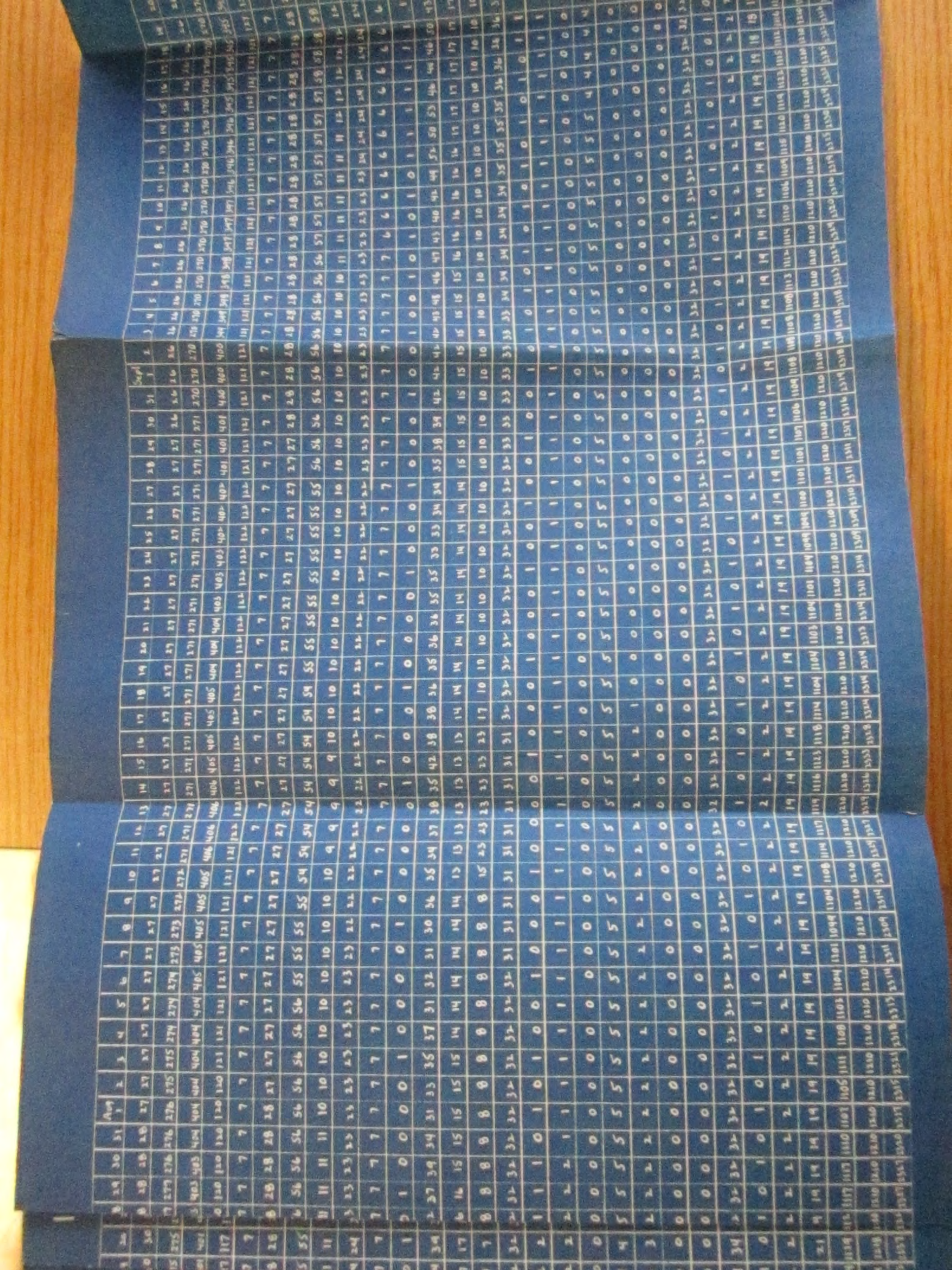

PLATE 10A

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2318	2318	2323	2322	2324	2320	2316	2319	2325	2330	2329	2332	2325	2322	2326	2329	2322	2319	2320	2322	2335	2374	2408	2402	2385	2376	2372	2371

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
APR 3	330370			25				
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	-280	1970	1090				
15	349920	-330	1790	1460			-880	-32
16	350570	260	1500	1760			-330	-A
17	349480	-30	1610	1580			280	6
18	349920	-330	1730	1400			-30	-1
19	350370	-270	1960	1690			-270	-8
20	351010	220	2050	2270			-270	-7
21	350570	0	2720	2720			220	6
22	350570	330	3000	3330			0	0
23	349920	0	3430	3430			330	8
24	349920	-240	3600	3360			0	0
25	348820	-480	3600	3120			-240	-6
26	351890	270	2910	3180			-480	-12
27	350890	560	2800	3360			890	7
28	349920	440	2900	3340			560	14
29	348890	140	3150	3290			440	11
30	348390	50	3250	3300			140	3
MAY 1	348600	330	3100	3430			50	1
2	347950	380	3050	3430			380	8
3	346870	-220	3540	3320			-280	10
4	347300	-220	3590	3370			-220	-6
5	347740	-770	4340	3570			-220	-6
6	349760	-1440	5290	3850	20		-770	-19
7	352110	-1440	5740	4300	20		-1420	-35
8	354960	0	4910	4910	20		-1420	-35
9	354960	-220	5020	4800	20		20	0
10	355400	330	4170	4500	20		-200	-5
11	354740	110	4290	4400	20		350	9
12	354520	330	3930	4260	20		130	3
13	353860	500	3500	4000	20		350	9
14	352110	-160	3550	3390	20		520	13
15	351890	-1890	3950	2060	20		-140	-4
16	356500	-3309	3730	421	20		-1870	-47
17	363070	-3405	3490	65	20		-3289	-82
18	369870	-3337	3400	61	20		-3405	-85
19	376950	-3344	3300	56	20		-3319	-83
20	383380	-3346	3200	56	20		-3224	-81
21	389580	-2848	2900	52	20		-3124	-78
22	395140	-2748	2800	52	20		-2828	-71
23	400730	-2854	2600	146	20		-2728	-68
24	405200	-2263	2600	337	20		-2434	-61
25	409890	-2071	2400	329	20		-2243	-56
26	414140	-1729	2400	680	20		-2051	-51
27	417290	-1354	2200	846	20		-1700	-42
28	420450	-1032	2020	988	20		-1334	-33
29	422480	-220	1830	1610	20		-1012	-25
30	423700	680	1770	2450	20		-200	-5
31	421120	1300	1920	3220	20		700	17
JUN 1	417370	980	1840	2820	20		1320	33
2	416390	680	1690	2370	14		1000	25
							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			3590			2387		205
	11			3850			2462		244
	12			4100			2725		258
	13			4450			2866		244
	14			4610			3270		268
	15	-858	5948	5090			3681		295
	16	-322	5832	5510			3814	-45	315
	17	254	5416	5670			4284	-14	347
	18	-29	5829	5800			4483	12	334
	19	-322	5912	5590			4738	-1	475
	20	-263	6363	6100			5044	-14	445
	21	214	6656	6870			5063	-15	450
	22	0	7808	7808	8	5687	5694	10	490
	23	322	8266	8588	8	5872	5880	0	716
	24	0	9094	9094	24	4267	4291	16	795
	25	-234	9491	9257	27	6705	6732	0	582
	26	-468	9809	9341	21	6675	6696	-11	434
	27	263	8368	8631	92	4317	4409	-23	494
	28	544	8012	8558	84	6042	6124	13	521
	29	449	8195	8644	80	6122	6202	20	454
	30	137	8687	8824	75	6049	6124	22	365
	MAY 1	49	8935	8984	75	6108	6183	7	319
	2	322	8688	9010	71	6130	6201	2	347
	3	370	8490	8860	58	6336	6394	16	339
	4	-214	9034	8820	33	6064	6097	18	331
	5	-214	9374	9160	40	5820	5860	-10	339
	6	-751	10851	10100	20	6096	6116	-37	337
	7	-1385	12885	11500	8	6212	6220	-68	449
	8	-1385	14007	12622	-5	7103	7098	-68	590
	9	20	13401	13421	17	7271	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	436
	14	507	10115	10622	-8	7713	7705	25	472
	15	-134	10006	9870	122	7678	7800	-7	383
	16	-1823	11002	9179	150	7270	7420	-89	375
	17	-3207	11057	7850	-378	4758	4430	-156	371
	18	-3320	10852	7532	-1162	7041	5879	-162	371
	19	-3336	10828	7592	-1892	7287	5395	-158	359
	20	-3143	10765	7622	-2177	7568	5391	-159	367
	21	-3046	10698	7652	-1620	7514	5894	-149	363
	22	-2757	10193	7436	-1472	7308	5836	-135	367
	23	-2660	9895	7235	-1069	6492	5423	-130	371
	24	-2323	9525	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	-1384	6583	5199	-64	339
	29	-987	8277	7290	-2007	6438	4431	-48	335
	30	-195	7865	7670	-2122	6754	4632	-10	335
	31	683	7702	8385	-1174	6568	5392	33	335
	JUN 1	1287	7491	8778	-1323	6644	5321	43	347
	2	975	7494	8469	-481	6512	6031	48	355
	3	677	6899	7576	-258	6896	5638	33	355

DATE 1934	SHELLEY STOR.	SHELLEY NORM	SHELLEY TOTAL
APR 3			13
4			10
5			7
6			8
7			9
8			10
9			11
10			12
11			13
12			14
13			15
14			16
15	-816	1796	17
16	-304	1394	18
17	242	938	19
18	-28	1238	20
19	-306	1396	21
20	-250	1045	22
21	204	876	23
22	-8	2178	24
23	298	2502	25
24	-24	2758	26
25	-250	3160	27
26	-464	3496	28
27	158	2882	29
28	436	2524	30
29	347	2633	31
30	-55	3135	32
MAY 1	-28	3538	33
2	235	3115	34
3	294	3014	35
4	-237	3677	36
5	-244	3704	37
6	-334	4874	38
7	-1325	6155	39
8	-1312	6752	40
9	2	6308	41
10	-223	5783	42
11	296	4566	43
12	100	4450	44
13	314	4104	45
14	490	3150	46
15	-251	3101	47
16	-1884	4584	48
17	-2725	5163	49
18	-1996	4594	50
19	-1186	3826	51
20	-812	3472	52
21	-1277	3657	53
22	-1150	3350	54
23	-1446	3401	55
24	-1250	2800	56
25	-576	2826	57
26	3	2357	58
27	109	2641	59
28	145	2563	60
29	1068	1682	61
30	1937	1153	62
JUN 1	1826	1400	63
2	2547	1005	64
3	1408	1686	65
4	902	1944	66

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 BR.	BLACKFOOT RIVER
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
		1320						210
		1050						175
		860						130
		805						113
		680			482			60
		716			353			13
		900			442			14
		912			581			8
		755			651			2
		745			491			3
		745			477			0
-816	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
-306	1396	1090			879	-18	-288	0
-250	1045	795			810	-15	-235	0
204	876	1080			495	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	26	410	0
347	2693	3040			2683	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	4	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
-2723	5167	2440	-1235	3377	2142	-89	-1399	0
-1996	4396	2400	-1493	3445	1952	-30	-473	0
-1186	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	2966	1815	-19	-291	0
-750	2800	2050	-1185	2830	1645	26	409	0
-596	2826	2230	-549	2330	1781	-3	-44	0
3	2357	2360	-285	2248	1963	17	271	0
109	2441	2550	-201	2294	2093	19	291	0
147	2563	2710	158	2098	2256	0	-11	0
1068	1682	2750	365	2038	2403	42	461	0
1937	1153	3090	806	1726	2532	68	1063	0
1826	1464	3290	1125	1412	2537	42	459	0
2347	1003	3350	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	2435	Apr 6	1 143 760	0	2240	2240		97590	491	0
		588	2870	7	1 143 680	0	2700	2700		97110	335	0
		388	3546	8	1 141 840	74	2954	3030		96870	262	0
		299	2556	9	1 140 450	515	2855	3370		97190	404	0
		237	2640	10	1 139 530	1063	2777	3840		96960	446	0
		149	2819	11	1 138 610	1172	2668	3840		96720	471	196
		169	2509	12	1 135 840	1162	2678	3840		96490	513	112
		175	2497	13	1 133 080	1168	2672	3840		96490	586	0
		158	2480	14	1 129 850	1292	2638	3930		96760	586	0
		136	2469	15	1 125 700	1505	2605	4110		96690	492	0
		134	2477	16	1 120 630	1693	2607	4300		96970	492	0
		136	2453	17	1 117 860	1772	2588	4360		96930	515	0
		144	2449	18	1 114 660	1797	2593	4390		96670	573	0
		134	2443	19	1 111 050	1783	2657	4360		96470	634	0
		124	2436	20	1 104 540	2050	2560	4610		95180	704	0
		124	2428	21	1 102 030	3098	2352	5450		94490	780	92
		124	2418	22	1 095 720	3238	2562	5800		93960	809	335
		124	2417	23	1 088 040	3703	2577	6280		93350	805	398
		124	2405	24	1 079 490	3931	2629	6560		93550	847	507
		127	2401	25	1 067 570	3932	2628	6460		94490	703	565
		127	2395	26	1 048 750	3708	2527	6430		94720	859	580
		127	2400	27	1 036 820	3973	2387	6500		95550	748	634
		131	2402	28	1 048 900	4077	2533	6610		94720	744	637
		134	2402	29	1 041 420	4384	2536	6920		94720	746	621
		137	2398	30	1 030 850	4511	2529	7040		94840	744	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	647
		161	2395	3	1 001 990	4444	2556	7000		94370	668	626
		179	2396	4	994 260	4385	2575	6960		95670	694	585
0	161	161	2392	5	986 110	4287	2553	6840		95430	720	570
0	149	149	2394	6	978 110	4377	2543	6920		94720	722	577
-229	373	144	2392	7	969 760	4115	2765	6880		94140	816	628
-690	837	147	2393	8	958 910	4000	3230	7230		91810	875	626
-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	3946	4014	7960		90290	958	727
-210	2290	2080	2377	12	931 290	3623	4667	8290		91110	990	760
276	1104	1380	2374	13	923 980	4940	3480	8420		91460	994	722
94	906	1000	2374	14	911 870	5138	3282	8420		92160	997	722
297	535	832	2375	15	901 360	5510	2910	8420		92860	999	781
441	173	614	2379	16	889 200	5908	2532	8440		93200	1000	787
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	771
21	140	161	2378	19	852 990	5812	2518	8330		94750	979	745
12	140	152	2371	20	838 510	5739	2511	8250		94830	997	718
15	140	155	2369	21	830 510	5701	2509	8210		94950	956	734
18	140	158	2364	22	819 950	5709	2504	8210		95180	919	734
23	140	163	2363	23	809 950	5707	2503	8210		95470	919	688
18	140	158	2360	24	797 720	5750	2500	8250		95470	921	688
15	140	155	2358	25	787 340	5542	2498	8040		95910	921	688
4	140	144	2352	26	778 320	4388	2492	6880		95550	919	688
7	140	147	2350	27	771 100	3750	2490	6240		95180	917	688
7	140	147	2348	28	764 250	3752	2488	6240		94980	914	688
12	140	152	2348	29	756 480	3712	2488	6200		94980	914	688
18	140	158	2348	30	748 440	3712	2488	6200		92790	910	688
21	140	161	2346	31	742 840	4244	2486	6730		93090	914	688
15	140	155	2344	JUN 1	731 240	5476	2484	7960		92620	897	688
23	140	163	2349	2	724 240	6011	2489	8500		94250	780	688
63	140	203	2349	3	709 440	6181	2489	8670		94950	718	688
446	140	586	2353	4	700 780	5547	2493	8040		97350	644	688
590	140	730	2360	5	691 900	4450	2500	7150		97960	578	688

GAGING STATIONS 1934

Sec. Ft. except as noted

LAKE LCOTT AC. FT.	MINIDOKA CANALS					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			SHO
	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1934		GOODING STORAGE	NORTH SIDE			STOR.	NORM	TOTAL	STOR.	NORM	TOTAL	STOR.	NORM	TOTAL	
93590	292	0	292	0	292	0	1830	1830	APR 7	9.50	0			804	0	804	804	0	1310	1310	0	0	0	
97110	333	0	333	0	333	0	2640	2640	8	9.86	150			1010	0	1010	1010	0	1810	1810	0	0	0	
95070	342	0	342	0	342	568	2592	3160	9	10.02	378			969	22	892	969	0	1700	1700	0	0	0	
93900	404	0	404	0	404	579	2451	3030	10	10.00	542			625	84	541	625	0	1910	1910	24	0	24	
94250	440	0	440	73	367	510	2410	2920	11	10.10	544			421	21	400	421	0	2010	2010	27	0	27	
94220	471	196	667	559	108	360	2560	2920	12	10.12	569			489	9	400	409	0	2160	2160	24	0	24	
94490	584	0	584	584	0	372	2678	3050	13	9.86	567			369	54	315	369	7	2367	2378	26	0	26	
94950	584	0	584	584	0	412	2638	3050	14	9.94	566			334	20	314	334	162	2338	2446	26	0	26	
94490	492	0	492	492	0	425	2605	3030	15	9.55	562			318	8	310	318	117	2328	2440	27	0	27	
95070	492	0	492	492	0	873	2607	3480	16	9.66	562			321	15	306	321	171	2334	2870	33	0	33	
95430	519	0	519	519	0	1012	2588	3600	17	9.84	602			329	23	306	329	234	2301	2540	31	0	31	
95670	573	0	573	573	0	947	2593	3540	18	10.02	670			345	40	305	345	297	2283	2580	0	0	0	
95670	634	0	634	634	0	1163	2577	3740	19	10.06	704			417	110	305	415	312	2286	2600	0	0	0	
95180	704	0	704	704	0	1340	2560	3900	20	10.09	750			591	288	303	591	346	2274	2620	0	0	0	
94490	780	92	872	872	0	1948	2552	4500	21	10.10	788		0	1070	768	300	1070	372	2258	2630	0	0	0	
93980	809	335	1144	1144	0	2158	2542	4700	22	10.14	803		0	1440	1140	300	1440	378	2252	2630	0	0	0	
93550	805	399	1204	1204	0	2003	2537	4540	23	10.00	870		85	1506	1225	300	1525	328	2242	2680	0	0	0	
93550	847	507	1354	1354	0	1991	2529	4520	24	9.82	861		33	1340	1025	298	1323	351	2229	2580	18	0	18	
94490	903	565	1468	1468	0	1992	2528	4520	25	9.68	857		51	1260	1014	297	1311	368	2232	2600	24	0	24	
94720	849	580	1429	1429	0	1998	2522	4520	26	9.82	859		57	1240	1000	297	1297	379	2231	2610	28	0	28	
95550	748	634	1382	1382	0	2203	2527	4730	27	9.82	864		58	1290	1051	297	1348	385	2225	2610	28	0	28	
94720	746	637	1383	1383	0	2267	2533	4800	28	9.82	861		55	1400	1158	297	1455	380	2270	2610	42	0	42	
94720	746	621	1367	1367	0	2984	2536	4920	29	9.84	864		57	1470	1229	298	1527	405	2235	2640	55	0	55	
94840	746	647	1393	1393	0	2851	2529	5380	30	9.93	864		58	1680	1440	298	1738	402	2238	2640	55	0	55	
94720	722	660	1382	1382	0	2947	2533	5480	MAY 1	9.90	864		58	1870	1630	298	1928	429	2231	2640	185	0	185	
94840	647	647	1294	1294	0	2872	2538	5410	2	9.94	866		58	1950	1710	298	2008	435	2235	2670	189	0	189	
94720	668	626	1294	1294	0	2704	2556	5260	3	9.78	859		58	1830	1589	299	1888	461	2239	2640	128	0	128	
95670	694	585	1279	1279	0	2735	2575	5310	4	9.84	859		55	1830	1584	301	1885	385	2255	2640	128	0	128	
95430	720	570	1290	1290	0	3137	2553	5690	5	9.81	861		58	1970	1725	303	2028	368	2272	2640	128	0	128	
94720	772	572	1344	1344	0	3277	2543	5820	6	9.86	877		58	2160	1918	300	2218	417	2253	2670	124	0	124	
94140	816	626	1442	1442	0	3105	2765	5870	7	9.80	899		58	2220	1978	300	2278	417	2243	2660	128	0	128	
91810	875	676	1551	1551	0	2740	3230	5970	8	9.70	919		58	2180	1912	324	2238	201	2439	2646	128	0	128	
91810	910	655	1565	1149	416	2710	3400	6110	9	9.82	938		58	2200	1878	380	2258	-200	2850	2650	128	0	128	
91460	923	690	1613	569	1044	2790	3400	6190	10	9.91	941		58	2230	1888	400	2288	-240	3060	2740	129	0	129	
90290	958	727	1685	1071	614	2740	3400	6140	11	9.96	954		52	2220	1872	400	2272	-290	3000	2710	129	0	129	
91110	990	740	1730	483	1247	2870	3400	6270	12	9.84	954		58	2170	1828	400	2228	-180	3000	2820	128	0	128	
91460	994	722	1716	1636	80	2820	3400	6220	13	10.08	963		59	2200	1859	400	2259	-10	3000	2990	128	0	128	
92160	997	722	1719	1719	0	2878	3282	6160	14	10.06	963		60	2180	1840	400	2240	-20	3000	2980	128	0	128	
92860	999	781	1780	1780	0	3090	2910	6000	15	10.04	963		60	2150	1824	386	2210	54	2894	2950	129	0	129	
93200	1000	787	1787	1787	0	3238	2552	5790	16	9.90	965		60	2080	1798	342	2140	257	2748	2830	129	0	129	
94250	1010	790	1800	1800	0	3539	2521	6060	17	9.76	929		60	2150	1910	300	2210	448	2257	2730	128	0	128	
94490	1000	771	1771	1771	0	3697	2523	6220	18	9.80	1000		61	2220	1984	297	2281	446	2324	2690	130	0	130	
94750	999	752	1751	1751	0	3672	2518	6190	19	9.81	1020		60	2250	2013	297	2310	474	2326	2700	130	0	130	
94020	997	719	1716	1716	0	3709	2511	6220	20	9.64	1020		60	2208	1964	296	2260	438	2327	2660	130	0	130	
94950	950	754	1704	1704	0	3651	2509	6160	21	9.87	1020		46	2260	2010	296	2306	495	2315	2710	130	0	130	
95180	919	736	1655	1655	0	3524	2506	6030	22	9.85	1020		46	2230	1980	296	2276	497	2313	2710	128	0	128	
95430	919	682	1601	1601	0	3527	2503	6030	23	9.80	1020		46	2200	1951	295	2246	479	2311	2690	128	0	128	
95670	921	663	1584	1584	0	3660	2500	6160	24	9.78	1020		45	2190	1940	295	2235	472	2308	2680	126	0	126	
95910	921	663	1584	1584	0	3722	2498	6220	25	9.79	1020		46	2190	1941	295	2236	465	2305	2670	124	0	124	
95550	919	698	1617	1617	0	3718	2492	6210	26	9.82	1020		46	2190	1941	295	2236	468	2304	2700	126	0	126	
95180	917	626	1543	1543	0	1990	2490	4480	27	9.93	1010	0	46	1680	1432	294	1726	531	2199	2720	166	0	166	
94840	914	658	1572	1572	0	1942	2488	4430	28	9.95	1010	0	46	559	312	293	605	513	2197	2710	126	0	126	
94250	914	642	1556	1556	0	1942	2488	4430	29	9.92	1020	393	46	528	281	293	574	495	2195	2690	126	0	126	
94740	910	637	1547	1547	0	2104	2486	4590	JUNE 1	9.92	1020	393	46	132	278	293	571	455	2195	2650	126	0	126	
93090	914	639	1553	1553	0	3976	2484	6460	2	9.62	1010	600	46	0	353	293	646	513	2195	2710	126	0	126	
92620	897	621	1518	1518	0	3861	2489	6350	3	9.64	1000	600	46	36	389	293	682	517	2193	2710	126	0	126	
92440	780	518	1298	1298	0	4081	2489	6570	4	9.57	1016	600	46	1270	1423	293	1716	518	2192	2710	126	0	126	
94250	718	434	1152	1152	0	3997	2493	6490	5	9.58	1010	600	46	1960	2314	293	2607	484	2196	2680	124	0	124	
97380	644	453	1119	1119	0	3990	2500	6490	6	9.32	994	600	46	1870	2225	293	2518	496	2196	2690	126	0	126	
97360	578	480	1058	1058	0					9.49	980	600	46	1860	2213	293	2506	410	2200	2610	126	0	126	
										9.60	966	600	46	1810	2145	293	2438	375	2205	2580	126	0	126	
										9.72	962	600	46	1810	2161	295	2456							

NS 1934

Sec. 11 except as noted

PLATE NO. 11

WALS		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		
STOR.	NORM.	STOR.	NORM.	TOTAL	1934		GOODING STORAGE	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
0	332	0	1830	1830	APR 7	9.10	0			804	0	804	804	0	1310	1310	0	0	0	0	9	9
0	333	0	2660	2660	8	9.86	150			1010	0	1010	1010	0	1410	1410	0	0	0	0	9	9
0	362	568	2592	3160	9	10.02	378			969	77	892	969	0	1700	1700	24	0	24	9	0	9
73	367	510	2410	2920	10	10.00	542			625	84	541	625	0	1910	1910	27	0	27	10	0	10
235	108	360	2560	2920	11	10.10	564			421	21	400	421	0	2010	2010	24	0	24	10	0	10
635	0	372	2678	3050	12	10.12	569			409	9	400	409	0	2160	2160	24	0	24	10	0	10
584	0	108	2672	2780	13	9.86	547			369	54	315	369	7	2365	2370	24	0	24	10	0	10
584	0	412	2638	3050	14	9.74	546			334	20	314	334	102	2358	2460	27	0	27	9	0	9
332	0	425	2605	3030	15	9.58	562			318	8	310	318	112	2328	2440	27	0	27	9	0	9
592	0	873	2607	3480	16	9.86	568			321	15	306	321	171	2294	2470	27	0	27	9	0	9
179	0	1012	2588	3600	17	9.84	602			329	23	306	329	239	2301	2540	27	0	27	9	0	9
173	0	947	2593	3540	18	9.82	670			345	40	305	345	297	2283	2580	0	0	0	9	0	9
346	0	1163	2577	3740	19	10.06	704			415	110	305	415	312	2288	2600	0	0	0	9	0	9
104	0	1340	2560	3900	20	10.09	750			591	288	303	591	346	2274	2620	0	0	0	9	0	9
72	0	1948	2552	4500	21	10.10	788		0	1070	768	300	1070	377	2258	2630	0	0	0	9	0	9
48	0	2158	2542	4700	22	10.14	803		0	1440	1140	300	1440	378	2252	2630	0	0	0	9	0	9
16	0	2083	2537	4540	23	10.00	870		85	1500	1225	300	1525	358	2242	2600	0	0	0	9	0	9
52	0	1991	2529	4520	24	9.92	861		33	1340	1075	298	1373	351	2239	2590	18	0	18	9	0	9
56	0	1992	2528	4520	25	9.88	857		51	1260	1014	297	1311	368	2232	2600	24	0	24	9	0	9
52	0	1998	2522	4520	26	9.87	859		57	1240	1000	297	1297	379	2231	2610	28	0	28	9	0	9
72	0	2203	2527	4730	28	9.87	864		58	1290	1051	297	1348	385	2225	2610	28	0	28	9	0	9
41	0	2267	2533	4800	29	9.84	861		55	1400	1158	297	1455	380	2230	2610	42	0	42	9	0	9
17	0	2384	2536	4920	30	9.93	864		57	1470	1229	298	1527	405	2235	2640	55	0	55	9	0	9
8	0	2851	2529	5380	MAY 1	9.90	864		58	1480	1440	298	1738	402	2238	2640	55	0	55	9	0	9
2	0	2947	2533	5480	2	9.94	866		58	1870	1630	298	1928	429	2231	2660	105	0	105	9	0	9
2	0	2872	2538	5410	3	9.98	859		58	1950	1710	298	2008	435	2235	2670	109	0	109	9	0	9
3	0	2704	2536	5240	4	9.84	859		55	1830	1589	299	1888	401	2239	2640	128	0	128	8	0	8
0	0	2735	2575	5310	5	9.81	867		58	1970	1584	301	1885	385	2255	2640	128	0	128	8	0	8
0	0	3137	2553	5690	6	9.84	877		58	2160	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	1912	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	9.84	954		58	2170	1872	400	2272	-240	3000	2710	129	0	129	8	0	8
1247	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	3599	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	466	2224	2690	130	0	130	8	0	8
0	0	3672	2518	6190	20	9.84	1020		60	2200	2013	297	2310	474	2226	2700	130	0	130	8	0	8
0	0	3709	2511	6220	21	9.87	1020		46	2240	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		46	2200	1980	296	2276	497	2213	2710	128	0	128	8	0	8
0	0	3527	2503	6030	24	9.78	1020		46	2200	1951	295	2246	479	2211	2690	128	0	128	8	0	8
0	0	3660	2500	6160	25	9.79	1020		45	2190	1940	295	2235	472	2208	2680	126	0	126	8	0	8
0	0	3722	2498	6220	26	9.82	1020		46	2190	1941	295	2236	465	2205	2670	126	0	126	8	0	8
0	0	3718	2492	6210	27	9.98	1010	0	46	1680	1432	294	1726	496	2204	2700	126	0	126	8	0	8
0	0	1940	2490	4430	28	9.95	1010	0	46	559	312	293	605	521	2199	2720	126	0	126	8	0	8
0	0	1942	2488	4430	29	9.92	1020	393	46	528	281	293	574	513	2197	2710	126	0	126	8	0	8
0	0	1942	2488	4430	30	9.62	1010	600	46	132	278	293	571	495	2195	2690	126	0	126	37	0	37
0	0	1942	2488	4430	31	9.64	1000	600	46	0	353	293	646	455	2195	2650	126	0	126	51	0	51
0	0	1942	2488	4430	JUN 1	9.57	1010	600	46	34	389	293	682	515	2195	2710	126	0	126	22	0	22
0	0	2104	2486	4590	2	9.58	1010	600	46	1270	1623	293	1916	517	2193	2710	126	0	126	8	0	8
0	0	1976	2484	4460	3	9.32	994	600	46	1960	2314	292	2606	518	2192	2710	126	0	126	8	0	8
0	0	1861	2489	4350	4	9.49	980	600	46	1870	2223	293	2516	484	2196	2680	126	0	126	7	0	7
0	0	2081	2489	4570	5	9.60	966	600	46	1860	2213	293	2506	494	2196	2690	126	0	126	7	0	7
0	0	1992	2493	4490	6	9.72	962	600	46	1810	2163	293	2456	410	2200	2610	126	0	126	8	0	8
0	0	1990	2500	4490					46	1810	2161	295	2456	375	2205	2580	126	0	126	8	0	8

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 LOSS STORED
JUNE 3	415 040	680	1530	2210			Stored 480	17
4	413 690	710	1500	2210			710	18
5	411860	450	1530	1980			450	11
6	410560	-1434	2180	746			-1434	-36
7	413 690	-2307	2370	63			-2307	-58
8	418 440	-2147	2210	63			-2147	-54
9	422700	-1637	1700	63			-1637	-41
10	425440	-1537	1600	63			-1537	-38
11	428340	-1387	1450	63			-1387	-35
12	431500	-1241	1300	59			-1241	-31
13	434430	-1141	1200	59			-1141	-29
14	436460	-1006	1150	144			-1006	-25
15	438500	40	1100	1140			40	1
16	438040	1130	1080	2210			1130	28
17	435780	2300	1060	3360			2300	58
18	430820	3320	1100	4420			3320	83
19	424730	2820	1300	4120			2820	71
20	420670	1540	1400	2940			1540	39
21	417520	1610	1450	3060			1610	40
22	414590	1390	1300	2690			1390	35
23	410340	2110	1050	3160			2110	53
24	405640	2440	1100	3540			2440	61
25	401400	2340	1300	3640			2340	58
26	396920	2400	1240	3440			2400	60
27	392010	2430	1200	3630			2430	61
28	386700	2840	1000	3840			2840	71
29	380500	3400	900	4300			3400	85
30	374290	3440	830	4270			3440	86
JUL. 1	367460	3760	690	4450			3760	94
2	360 000	4260	650	4910			4260	106
3	351 230	4000	930	4930			4000	100
4	343610	2730	1830	4560			2730	68
5	338 190	2750	1460	4210			2750	69
6	332540	3040	900	3940			3040	76
7	324 050	3200	860	4060			3200	80
8	319180	3740	850	4590			3740	94
9	311450	4130	830	4960			4130	103
10	303110	4450	810	5460			4450	116
11	293990	4520	800	5320			4520	113
12	285090	4590	800	5390			4590	115
13	275650	4960	790	5750			4960	124
14	269600	4970	790	5760			4970	124
15	256680	4340	780	5120			4340	108
16	248410	3910	780	4690			3910	98
17	240790	3760	780	4540			3760	94
18	233650	3870	770	4640			3870	97
19	224110	3170	1230	4400			3170	79
20	219820	3140	1450	4590			3140	78
21	213590	2940	850	3790			2940	74
22	207760	3240	640	3880			3240	81
23	201340	3010	600	3610			3010	75
24	195600	2540	570	3110			2540	64
25	191040	2100	540	2640			2100	52
26	186490	2620	520	3140			2620	66
27	181360	2540	510	3050			2540	64
28	176480	2520	500	3020			2520	63
29	171220	3010	500	3510			3010	75
30	165180	3290	490	3780			3290	82
31	158240	3370	470	3840			3370	84
							3090	77
							3510	88

SWAN VALLEY STORAGE DISCHARGE	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
	JUN 4	663	4503	7166	-865	5833	4968	32
	5	672	6274	6946	-728	5672	4944	34
	6	437	6417	6854	-353	5143	4790	22
	7	-1398	7798	6400	-1272	5501	4229	-68
	8	-2249	8109	5860	-3079	6311	3234	-110
	9	-2093	7553	5460	-2801	6122	3321	-102
	10	-1596	6636	5040	-2725	5698	2973	-98
	11	-1499	6039	4540	-2578	5372	2794	-93
15	12	-1367	5717	4350	-2370	5270	2900	-67
15	13	-1225	5605	4380	-2377	5145	2768	-61
15	14	-1127	5507	4380	-2346	5124	2778	-55
15	15	-996	5316	4320	-1732	4779	3047	-49
15	16	24	4496	4520	-1140	4594	3454	1
15	17	1087	4773	5860	-984	4874	3892	53
15	18	2227	4539	6766	335	4881	5216	109
15	19	3222	4765	7987	774	4989	5763	162
15	20	2734	5433	8167	832	5074	5906	134
15	21	1486	5311	6797	1022	4850	5872	72
15	22	1555	5320	6875	1114	4464	5578	76
15	23	1340	4816	6156	1453	4081	5534	66
15	24	2042	4480	6522	927	3996	4923	100
15	25	2344	4668	7032	1076	3962	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	3270	5657	202
18	4	3882	4026	7908	2404	3148	5552	190
18	5	2644	5205	7849	2079	3274	5353	129
18	6	2463	4747	7210	1568	3847	5415	130
18	7	2944	3890	6834	1477	3475	5352	144
18	8	3102	3594	6696	1578	3345	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	2697	2651	5348	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	2379	2429	4808	206
18	17	3794	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	2206	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	4275	120
18	29	2439	2631	5070	1426	2525	3961	119
18	30	2917	2363	5280	2301	2371	4672	142
18	31	3190	2540	5730	2284	2395	4679	156
18	AUG. 1	3268	2705	5973	2272	2291	4503	160
12	2	3001	2522	5523	1837	2131	3968	147
12	3	3410	2543	5953	1926	2142	4118	167

REXBURG	DATE 1934	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL
335	JUN. 5	1490	1764	
351	6	1380	1554	
365	7	770	2040	
875	8	-97	7227	
521	9	940	2170	
970	10	810	2650	
521	11	1407	1693	
408	12	1152	1528	
383	13	1870	1720	
375	14	1213	1417	
371	15	1274	1386	
343	16	785	1245	
343	17	1163	417	
351	18	2018	-348	
343	19	1783	-283	
347	20	2384	-146	
355	21	1768	822	
449	22	392	1578	
480	23	765	1363	
467	24	-179	1575	
812	25	1015	715	
600	26	1172	1468	
675	27	1055	1455	
715	28	1086	1288	
680	29	944	1250	
640	30	1000	1020	
512	JUL. 1	1082	960	
516	2	1124	930	
467	3	1212	780	
454	4	1347	510	
530	5	1288	1350	
526	6	436	2310	
534	7	965	1440	
547	8	1125	960	
347	9	1372	660	
327	10	1097	660	
303	11	1203	660	
299	12	1547	660	
258	13	1478	660	
250	14	1562	660	
275	15	1466	660	
264	16	1583	660	
333	17	1425	660	
476	18	1437	660	
670	19	1823	660	
786	20	1190	660	
858	21	-242	660	
765	22	208	660	
720	23	625	660	
740	24	1198	660	
695	25	1275	660	
720	26	272	660	
720	27	750	660	
745	28	1042	660	
867	29	696	660	
814	30	884	660	
745	31	474	660	
653	AUG. 1	750	660	
625	2	874	660	
578	3	1017	660	
700	4	1267	660	

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GA

EXBURG	DATE 1934	SHELLEY STOR.	SHELLEY NORM	SHELLEY TOTAL	DIV. SHELLEY - BL. BR. STOR.	DIV. SHELLEY - BL. BR. NORM	DIV. SHELLEY - BL. BR. TOTAL	SHELLEY TO BL. BR. LOSS STORED
358	JUN 5	1496	1264	2760	453	1138	1591	63
351	6	1386	1254	2640	518	1096	1614	46
365	7	770	2060	2830	77	1024	1101	42
321	8	-52	3227	3170	-417	1109	692	34
970	10	810	2650	3460	-692	1472	780	28
408	12	1152	1633	3040	-471	2381	1910	96
383	13	1070	1528	2680	-22	1481	1459	113
375	14	1213	1320	2390	-105	1424	1319	71
377	15	1274	1417	2630	-81	1111	1030	22
363	16	785	1386	2660	24	1143	1167	28
363	17	1163	1345	2030	108	1086	1194	75
351	18	2018	417	1580	152	1018	1170	41
343	19	1783	-348	1470	396	814	1210	61
347	20	2284	-283	1500	610	537	1147	97
355	21	1768	-166	2120	730	495	1225	71
449	22	392	822	2590	898	712	1610	93
480	23	365	1578	1970	881	696	1577	52
467	24	-179	1365	1730	996	649	1645	0
512	25	1015	1579	1400	968	459	1427	0
600	26	1172	715	1730	662	398	1060	0
675	27	1055	1048	2240	907	602	1509	21
715	28	1086	1455	2510	913	642	1555	14
680	29	944	1384	2470	922	594	1516	9
640	30	1000	1294	2240	905	589	1494	10
512	JUL 1	1082	1020	2020	1193	571	1764	2
516	2	1124	968	2050	1196	486	1682	0
467	3	1212	936	2040	1241	431	1672	0
454	4	1212	768	1980	1091	460	1551	7
530	5	1547	583	2130	1090	478	1568	28
526	6	1288	1342	2630	1311	521	1832	0
534	7	436	2364	2800	896	760	1656	0
467	8	965	1415	2380	905	733	1638	4
367	9	1125	925	2050	910	694	1604	13
327	10	1372	468	1840	960	550	1510	25
303	11	1097	683	1780	993	465	1458	6
299	12	1203	737	1940	982	473	1455	13
258	13	1541	749	2290	969	544	1513	34
250	14	1478	882	2360	1292	537	1829	11
275	15	1562	758	2320	1339	521	1860	14
264	16	1446	864	2330	1281	498	1779	11
235	17	1583	1117	2700	1251	549	1800	26
476	18	1629	1101	2730	1284	523	1807	21
670	19	1637	1063	2700	905	515	1420	44
786	20	1873	857	2730	933	481	1414	56
858	21	1190	1280	2470	948	517	1465	15
765	22	-242	2512	2270	844	502	1346	0
770	23	208	2012	2220	710	468	1178	0
740	24	625	1715	2340	643	476	1119	0
695	25	1198	1272	2470	1011	465	1476	11
730	26	1275	1055	2330	1035	474	1509	14
720	27	272	1568	1840	1102	465	1567	0
765	28	790	960	1750	997	420	1417	0
863	29	1067	743	1810	523	531	1054	33
814	30	696	1134	1830	650	474	1124	3
765	31	884	966	1850	671	458	1129	13
655	AUG 1	474	1156	1630	756	461	1217	0
675	2	750	1010	1760	762	450	1212	0
670	3	876	1074	1970	760	497	1257	8
700	4	1017	963	1980	751	474	1225	14
		1267	963	2230	688	482	1170	35

THEORETICAL BALANCE STORED BLACKFOOT BR.	BLACKFOOT RIVER	CLOUGHS STOR.	CLOUGHS NORM.	CLOUGHS TOTAL	CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1934	AM. FALLS RESERVOIR Cont. Ac. Ft.
780	0	562	140	702	2343	JUN 6	485 070
822	0	513	140	653	2348	7	478 330
451	0	724	140	864	2367	8	477 000
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
1175	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	2332	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	412 790
-1147	0	4	140	144	2317	25	402 790
332	0	0	139	139	2315	26	388 720
249	0	0	139	139	2314	27	381 640
133	0	33	139	172	2311	28	369 330
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
-460	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	124	124	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	144 580
-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	091 320
511	0	4	130	134	2322	29	079 520
43	0	89	130	219	2327	30	067 620
200	0	119	130	249	2327	31	054 430
-282	0	111	130	241	2320	AUG 1	047 900
-12	0	27	130	157	2317	2	045 060
128	0	17	130	147	2315	3	037 380
250	0	131	130	261	2321	4	033 700
544	0	165	130	295	2318	5	028 870

NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	LAKE WALCOTT Cont. Ac. Ft.
3625	2505	6130	96630
3187	2508	5670	93320
3033	2507	5594	91920
2641	2519	5160	90530
2478	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
2023	2477	4550	46 930
2967	2473	5440	41 440
2642	2468	7110	38 610
5368	2462	7830	32 990
5503	2457	7960	38 720
5506	2454	7960	32 680
5427	2453	7880	38 920
4320	2450	6770	39 340
3411	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	39 030
5309	2451	7760	39 650
5464	2456	7920	39 550
5430	2450	7880	34 430
5429	2451	7880	36 230
5380	2450	7830	36 020
5377	2453	7830	34 880
5338	2452	7790	33 790
5384	2446	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
4660	2450	7110	31 150
4279	2451	6730	31 770
4159	2451	6610	31 770
4127	2453	6580	31 460
4124	2456	6580	30 990
4417	2463	6880	31 460
4077	2463	6540	31 260
5828	2462	8290	32 290
5664	2456	8120	32 290
5624	2456	8080	31 870
5646	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	31 660
2435	2445	4880	30 990
2829	2457	5330	30 360
3382	2448	5830	30 360

LAKE RIVER GAGING STATIONS 1934

Sec. Ft. except as noted.

NEELEY			LAKE WALCOTT Cont. Ac. Ft.	MINIDOKA CANALS					HOWELLS			DATE 1934	LAKE MILNER GAGE	GOODING		P.A. LATERAL	MAIN N.S. CANAL	TOTAL N.S. CANAL CO		
STOR.	NORM	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM	STOR.	NORM	TOTAL			GOODING STORED	NORTH SIDE			STOR.	NORM	TOTAL
3625	2505	6130	96630	573	548	1121	1121	0	4015	2505	6520	JUNE	9.82	957	600	46				
3182	2508	5690	93320	548	469	1017	1017	0	3652	2508	6160	9	9.39	787	276	46				
3033	2507	5540	91920	342	249	591	591	0	3573	2507	6080	9	10.13	954	0	46				
2641	2519	5160	90590	0	157	157	157	0	3371	2519	5890	10	10.22	930	0	45				
2499	2522	5020	89480	0	0	0	0	0	2780	2522	5310	11	10.04	923	0	45				
2258	2522	4780	90060	38	0	38	38	0	2208	2522	4730	12	9.60	919	0	45				
2159	2521	4680	89340	403	0	403	403	0	2299	2521	4820	13	9.28	936	0	45				
2167	2513	4680	87230	658	0	658	658	0	2667	2513	5180	14	9.00	925	0	45				
2171	2509	4680	85290	708	86	794	794	0	3071	2509	5580	15	8.99	934	0	45				
2173	2507	4680	80610	803	373	1176	1176	0	3713	2507	6220	16	9.08	974	0	45				
2171	2509	4680	75200	917	397	1314	1314	0	3921	2509	6430	17	9.44	990	0	59				
2108	2502	4610	70510	974	430	1404	1404	0	4018	2502	6520	18	9.38	993	0	59				
2108	2502	4610	64360	967	538	1505	1505	0	4018	2502	6520	19	9.47	995	0	59				
2115	2495	4610	58270	963	647	1610	1610	0	3965	2495	6460	20	9.58	984	0	59				
2067	2483	4550	53110	961	650	1611	1611	0	3757	2483	6240	21	9.56	968	0	60				
2073	2477	4550	46930	954	679	1633	1633	0	3583	2477	6060	22	9.52	963	0	60				
2967	2473	5440	41440	956	698	1654	1654	0	3747	2473	6220	23	9.60	965	0	59				
2442	2468	7110	38610	967	700	1667	1667	0	3882	2468	6350	24	9.60	966	0	59				
5368	2462	7830	37990	978	730	1708	1708	0	3888	2462	6350	25	9.58	977	0	57				
5503	2457	7960	38720	983	752	1735	1735	0	3953	2457	6410	26	9.46	977	0	60				
5504	2454	7960	37680	976	725	1701	1701	0	3926	2454	6380	27	9.64	986	0	60				
5427	2453	7880	38920	877	725	1602	1602	0	3737	2453	6190	28	9.47	981	0	60				
4320	2450	6770	39340	744	725	1469	1469	0	3540	2450	4990	29	9.60	988	0	60				
3611	2449	6060	40590	797	790	1587	1587	0	1961	2449	4410	30	9.55	986	0	60				
3420	2450	5870	40590	799	779	1578	1578	0	1930	2450	4380	JULY 1	9.54	993	0	60				
3380	2450	5830	40380	816	711	1527	1527	0	1960	2450	4410	2	9.48	1000	0	60				
3379	2451	5830	40380	884	665	1549	1549	0	1999	2451	4450	3	9.46	1000	0	60				
3380	2450	5830	39960	879	545	1424	1424	0	2210	2450	4660	4	9.28	1000	0	60				
4008	2452	6460	39030	873	521	1394	1394	0	2588	2452	5040	5	9.54	1030	68	60				
5309	2451	7960	39650	870	658	1528	1528	0	4229	2451	6680	6	9.43	1040	268	60				
5464	2456	7920	39550	870	676	1546	1546	0	4454	2456	6910	7	9.56	1040	332	62				
5430	2450	7880	36430	908	719	1627	1627	0	4460	2450	6910	8	9.77	1040	370	62				
5429	2451	7880	36230	972	682	1654	1654	0	4149	2451	6600	9	9.85	1040	370	62				
5380	2450	7830	36020	967	695	1662	1662	0	3690	2450	6140	10	9.66	1040	370	62				
5377	2453	7830	34880	956	711	1667	1667	0	3927	2453	6380	11	9.67	1040	370	62				
5338	2452	7790	33740	952	725	1677	1677	0	4088	2452	6540	12	9.64	1040	386	62				
5384	2446	7830	31870	961	708	1669	1669	0	4294	2446	6740	13	9.76	1040	386	62				
5589	2451	8040	30830	956	744	1700	1700	0	4149	2451	6600	14	9.64	1050	386	62				
5723	2447	8370	30830	1000	762	1762	1762	0	4043	2447	6490	15	9.48	1050	386	62				
5883	2447	8330	30730	1100	634	1734	1734	0	3783	2447	6430	16	9.40	1050	386	62				
5801	2449	8250	31150	1110	714	1824	1824	0	3781	2449	6430	17	9.26	1050	386	62				
5801	2449	8250	31040	1110	711	1821	1821	0	3981	2449	6430	18	9.12	1060	245	62				
4460	2450	7110	31150	1120	703	1823	1823	0	2570	2450	5020	19	9.14	1090	0	62				
4279	2451	6730	31770	1120	703	1823	1823	0	2349	2451	4800	20	9.14	1080	0	62				
4159	2451	6610	31770	1130	706	1836	1836	0	2489	2451	4940	21	9.24	1090	0	62				
4127	2453	6580	31460	1100	673	1773	1773	0	2687	2453	5140	22	9.29	1100	0	62				
4124	2456	6580	30940	1010	608	1618	1618	0	2654	2456	5110	23	9.44	1100	0	62				
4417	2463	6880	31460	934	580	1514	1514	0	3077	2463	5540	24	9.69	1100	250	62				
4077	2463	6540	31250	936	528	1464	1464	0	4137	2463	6600	25	9.68	1080	372	62				
5828	2462	8290	32290	988	585	1573	1573	0	3968	2462	6430	26	9.67	1070	377	62				
5664	2456	8120	32290	1020	565	1585	1585	0	4144	2456	6600	27	9.68	1060	377	62				
5624	2456	8080	31870	1030	575	1605	1605	0	4224	2456	6680	28	9.72	1060	377	62				
5666	2454	8120	30420	1070	590	1660	1660	0	4066	2454	6520	29	9.67	1060	377	62				
6008	2452	8460	29900	1130	598	1728	1728	0	4038	2452	6490	30	9.71	1060	377	62				
6913	2457	9370	30940	1140	647	1787	1787	0	3893	2457	6350	31	9.68	1060	236	62				
4343	2457	6800	31870	576	658	1234	1234	0	2423	2457	5380	AUG 1	9.79	1070	0	62				
2600	2450	5050	32700	0	588	588	588	0	2370	2450	4820	2	9.80	1040	0	62				
2463	2447	4910	31460	0	621	621	621	0	2163	2447	4610	3	9.60	1040	0	62				
2435	2445	4880	30940	0	634	634	634	0	2285	2445	4730	4	9.60	1030	0	62				
			30000	0	647	647	647	0	2299	2451	4750	5	9.54	992	0	62				
					655		655		2452	2448	4900	6	9.56	992	239	62				

PLATE NO. 12

STATIONS 1934

Sec. Ft except as noted.

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			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	JUNE 7	9.82	957	600	46	1720	2071	295	2366	310	2310	2620	128	0	128	128	0	128
469	1017	1017	0	3652	2508	6160	8	9.89	982	276	44	1890	1916	296	2212	298	2312	2610	124	0	124	124	0	124
242	591	591	0	3573	2507	6080	9	10.13	954	0	46	2090	1841	295	2136	188	2212	2400	116	0	116	116	0	116
157	157	157	0	3371	2519	5890	10	10.22	930	0	45	1970	1719	296	2015	157	2223	2380	0	0	0	0	0	0
0	0	0	0	3198	2522	5720	11	10.04	923	0	45	1870	1618	297	1915	165	2225	2390	0	0	0	0	0	0
0	38	38	0	2798	2522	5310	12	9.60	919	0	45	1870	1618	297	1915	215	2225	2440	5	0	5	5	0	5
0	403	403	0	2799	2521	4320	13	9.28	936	0	45	1882	1428	297	1925	296	2224	2520	26	0	26	26	0	26
0	658	658	0	2467	2513	5180	14	9.00	925	0	45	1880	1629	296	1925	373	2217	2590	20	0	20	20	0	20
86	798	798	0	3071	2509	5580	15	8.99	934	0	45	1980	1730	295	2025	436	2214	2650	20	0	20	20	0	20
373	1176	1176	0	3713	2507	6220	16	9.08	974	0	45	2050	1800	295	2095	408	2212	2620	0	0	0	0	0	0
397	1314	1314	0	3721	2509	6430	17	9.44	990	0	45	2210	1960	295	2255	396	2214	2610	0	0	0	0	0	0
430	1404	1404	0	4018	2502	6520	18	9.38	993	0	59	2350	2114	295	2409	413	2207	2620	0	0	0	0	0	0
538	1505	1505	0	4018	2502	6520	19	9.47	995	0	59	2350	2114	295	2409	393	2207	2600	42	0	42	42	0	42
487	1610	1610	0	3765	2495	6460	20	9.58	984	0	59	2350	2116	293	2409	408	2202	2610	70	0	70	70	0	70
650	1611	1611	0	3757	2487	6240	21	9.56	968	0	60	2250	2017	293	2310	380	2190	2570	76	0	76	76	0	76
629	1633	1633	0	3583	2477	6060	23	9.52	963	0	60	2250	2018	292	2310	365	2185	2550	84	0	84	84	0	84
698	1654	1654	0	3747	2473	6220	23	9.60	965	0	59	2320	2088	291	2379	418	2182	2600	107	0	107	107	0	107
700	1667	1667	0	3882	2468	6350	24	9.60	960	0	59	2320	2089	290	2379	442	2178	2620	107	0	107	107	0	107
730	1708	1708	0	3888	2462	6350	25	9.58	977	0	59	2300	2069	290	2359	428	2172	2600	115	0	115	115	0	115
752	1735	1735	0	3753	2457	6410	26	9.46	977	0	60	2230	2001	289	2290	442	2168	2610	118	0	118	118	0	118
725	1701	1701	0	3726	2454	6380	27	9.64	986	0	60	2290	2062	288	2350	514	2166	2680	112	0	112	112	0	112
725	1602	1602	0	3737	2453	6190	28	9.47	981	0	60	1620	1392	288	1680	485	2165	2650	110	0	110	110	0	110
725	1469	1469	0	2540	2450	4990	29	9.60	988	0	60	640	412	288	700	518	2162	2680	116	0	116	116	0	116
790	1587	1587	0	1961	2449	4410	30	9.55	984	0	60	611	383	288	671	499	2161	2660	121	0	121	121	0	121
779	1578	1578	0	1930	2450	4380	JUL. 1	9.54	993	0	60	617	389	288	677	498	2162	2660	124	0	124	124	0	124
711	1527	1527	0	1960	2450	4410	2	9.48	1000	0	60	630	402	288	690	518	2162	2680	126	0	126	126	0	126
665	1549	1549	0	1999	2451	4450	3	9.46	1000	0	60	624	396	288	684	527	2163	2740	125	0	125	125	0	125
545	1424	1424	0	2210	2450	4660	4	9.28	1000	0	60	620	392	288	680	578	2162	2740	124	0	124	124	0	124
521	1394	1394	0	2588	2452	5040	5	9.54	1030	68	60	1680	1520	288	1808	626	2164	2790	124	0	124	124	0	124
658	1528	1528	0	4229	2451	6680	6	9.63	1040	268	60	2220	2260	288	2548	627	2163	2790	125	0	125	125	0	125
676	1546	1546	0	4454	2456	6910	7	9.56	1040	332	62	2250	2355	289	2644	613	2167	2780	124	0	124	124	0	124
719	1627	1627	0	4460	2450	6910	8	9.79	1040	370	62	2310	2454	288	2742	668	2162	2830	126	0	126	126	0	126
682	1654	1654	0	4149	2451	6600	9	9.85	1040	370	62	2270	2414	288	2702	647	2163	2810	126	0	126	126	0	126
695	1662	1662	0	3690	2450	6140	10	9.66	1040	370	62	2190	2334	288	2622	628	2162	2790	124	0	124	124	0	124
711	1667	1667	0	3927	2453	6380	11	9.67	1040	370	62	2200	2344	288	2632	635	2165	2840	124	0	124	124	0	124
725	1677	1677	0	4088	2452	6540	12	9.64	1040	386	62	2190	2330	288	2618	706	2164	2870	126	0	126	126	0	126
708	1669	1669	0	4294	2446	6740	13	9.76	1040	386	62	2210	2370	288	2658	732	2158	2890	126	0	126	126	0	126
744	1700	1700	0	4149	2451	6600	14	9.64	1050	386	62	2170	2330	288	2618	697	2163	2860	126	0	126	126	0	126
762	1762	1762	0	4043	2447	6490	15	9.48	1050	386	62	2140	2300	288	2588	681	2159	2840	126	0	126	126	0	126
634	1734	1734	0	3983	2447	6430	16	9.40	1050	386	62	2130	2290	288	2578	681	2159	2840	126	0	126	126	0	126
714	1824	1824	0	3981	2449	6430	17	9.26	1050	386	62	2130	2290	288	2578	699	2161	2860	128	0	128	128	0	128
711	1821	1821	0	3981	2449	6430	18	9.12	1060	245	62	1670	1489	288	1977	699	2161	2860	128	0	128	128	0	128
703	1823	1823	0	2570	2450	5020	19	9.14	1090	0	62	614	388	288	676	708	2162	2870	128	0	128	128	0	128
703	1823	1823	0	2349	2451	4800	20	9.14	1080	0	62	617	391	288	679	707	2163	2870	127	0	127	127	0	127
706	1836	1836	0	2489	2451	4940	21	9.24	1090	0	62	627	401	288	689	727	2163	2890	127	0	127	127	0	127
673	1773	1773	0	2687	2453	5140	22	9.29	1100	0	62	627	401	288	689	705	2165	2870	127	0	127	127	0	127
608	1618	1618	0	2654	2456	5110	23	9.44	1100	0	62	627	400	289	689	713	2167	2880	127	0	127	127	0	127
580	1514	1514	0	3077	2463	5540	24	9.69	1100	250	62	1650	1672	290	1962	707	2173	2880	127	0	127	127	0	127
528	1464	1464	0	4137	2463	6600	25	9.68	1080	322	62	2130	2279	290	2569	667	2173	2840	127	0	127	127	0	127
583	1573	1573	0	3968	2462	6430	26	9.67	1070	322	62	2130	2279	290	2569	698	2172	2870	127	0	127	127	0	127
545	1585	1585	0	4144	2456	6600	27	9.68	1060	322	62	2130	2280	289	2569	773	2167	2940	114	0	114	114	0	114
575	1605	1605	0	4224	2456	6680	28	9.72	1060	322	62	2150	2300	289	2589	813	2167	2980	106	0	106	106	0	106
590	1660	1660	0	4046	2454	6520	29	9.67	1060	322	62	2100	2251	288	2539	814	2166	2980	105	0	105	105	0	105
598	1728	1728	0	4038	2452	6490	30	9.78	1060	322	62	2030	2181	288	2469	866	2164	3030	102	0	102	102	0	102
647	1787	1787	0	3893	2457	6350	31	9.68	1060	236	62	1440	1449	289	1738	932	2168	3100	93	0	93	93	0	93
658	1234	1234	0	2923	2457	5380	AUG. 1	9.79	1070	0	62	582	355	289	644	982	2168	3150	100	0	100	100	0	100
588	588	588	0	2370	2450	4820	2	9.80	1040	0	62	582	356	288	644	928	2162	3090	104	0	104	104	0	104
621	621	621	0	2163	2447	4610	3	9.60	1040	0	62	575	349	288	637	831	2159	2990	104	0	104	104	0	104
634	634	634	0	2285	2445	4730	4	9.60	1030	0	62	591	365	288	653	843	2157	3000	105	0	105	105	0	105
647	647	647	0	2299	2451	4750	5	9.54	997	0	62	574	348	288	636	857	2163	3020	105	0	105	105	0	105
635	635	635	0	2452	2448	4900	6	9.56	992	239	62	1470	1483	288	1771	710	2160	3070	105	0	105	105	0	105

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 (UNREGULATED)
Aug 3	138 570	3360	460	3820			3 Tarred 3360	84	12
4	137 400	3570	450	4020		0	3570	89	12
5	134 410	2160	560	2720		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	123 650	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	6
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	47 260	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	9 630	-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 LOSS STORED	REXBURG	DATE 1934	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL
Aug 4	3244	2355	5617	1925	2094	4019	140	690	Aug 5	1154	1031	2185
5	3469	2560	6029	2253	2128	4381	170	710	6	1044	1104	2148
6	2101	3333	5434	1289	2233	3522	103	819	7	789	1510	2299
7	1623	2733	4356	1073	2084	3157	75	874	8	471	1497	1968
8	2118	2378	4496	1529	2074	3603	104	802	9	486	1115	1601
9	2087	2509	4596	1437	2138	3575	102	730	10	148	922	1070
10	2032	2512	4544	1026	2242	3268	95	765	11	907	757	1664
11	2326	2188	4564	1201	2254	3455	116	720	12	1057	677	1734
12	2745	2215	4960	1477	2332	3809	134	680	13	1140	640	1780
13	2984	2396	5380	1246	2429	3675	144	735	14	1592	488	2080
14	2049	2671	4720	843	2414	3257	100	780	15	1106	1114	2220
15	1981	2269	4250	961	2376	3337	97	786	16	983	807	1790
16	2023	2573	4596	1203	2315	3518	99	848	17	721	1069	1790
17	1774	2411	4385	1517	2324	3743	87	797	18	170	1300	1470
18	1329	2647	3976	1387	2245	3632	65	802	19	-133	1095	962
19	1097	2458	3555	768	2239	3007	54	778	20	275	765	1040
20	1233	2212	3445	949	2249	3198	40	738	21	224	918	1142
21	1380	2235	3615	789	2461	3250	68	725	22	523	697	1220
22	1340	2275	3615	667	2245	2914	46	907	23	687	437	1124
23	1360	2235	3595	1085	2213	3298	66	1030	24	209	871	1080
24	1331	2354	3685	1140	2060	3200	45	1040	25	126	1078	1204
25	873	2589	3462	1198	2154	3352	43	970	26	-348	1438	1090
26	775	2366	3141	467	2229	2696	38	912	27	270	1080	1350
27	1165	2035	3200	670	2242	2912	57	970	28	438	922	1360
28	1009	2351	3360	1048	2279	3327	49	1030	29	-88	1036	948
29	948	2536	3304	665	2295	2960	37	1040	30	44	944	988
30	319	2904	3223	736	2298	3034	14	982	31	-433	1433	1000
31	754	2450	3204	668	2341	3009	37	976	Sept 1	49	981	1030
Sept 1	929	2275	3204	1206	2287	3493	45	907	2	-373	1373	1000
2	882	2220	3102	685	2208	2893	43	814	3	154	948	1102
3	1261	1811	3072	1082	2093	3175	62	760	4	117	895	1012
4	1208	2256	3464	1245	2091	3336	57	797	5	-96	788	692
5	709	2394	3103	1178	2143	3321	35	841	6	-304	1625	1321
6	590	2222	2812	252	2193	2445	29	874	7	309	1081	1390
7	400	2301	2701	109	2196	2305	20	924	8	271	1099	1370
8	187	2323	2510	80	2169	2249	9	964	9	98	1332	1430
9	443	1897	2340	57	2070	2127	22	976	10	364	746	1110
10	700	1810	2510	362	2142	2504	34	970	11	304	746	1050
11	800	1820	2620	323	2232	2555	39	946	12	438	632	1070
12	1277	1623	2900	310	2260	2570	62	912	13	905	255	1160
13	1170	1883	3053	348	2335	2683	57	894	14	765	532	1297
14	1082	1910	2992	852	2285	3137	53	836	15	177	837	1014
15	985	1936	2921	752	2364	3116	98	750	16	185	691	876
16	897	1954	2851	727	2346	3068	94	745	17	131	761	892
17	819	1972	2791	753	2188	2941	40	765	18	26	782	808
18	755	1966	2721	648	2213	2861	37	797	19	70	758	828
19	690	1961	2651	624	2247	2871	34	786	20	33	648	681
20	645	1936	2581	-29	2179	2150	31	784	21	443	378	821
21	593	1937	2530	45	2204	2251	29	775	22	519	703	1222
22	534	1946	2480	287	2345	2632	27	797	23	220	1000	1220
23	78	2663	2741	147	2477	2624	4	868	24	-73	1373	1300
24	-572	3563	2991	393	2458	2851	-28	458	25	-337	1237	900
25	220	2661	2881	202	2646	2848	11	996	26	7	1193	1200
26	372	2388	2760	204	2694	2878	18	907	27	150	1150	1300
27	504	2196	2700	315	2550	2865	25	885	28	169	1131	1300
28	478	2142	2620	317	2514	2831	23	844	29	130	1170	1300
29	480	2120	2600	316	2476	2792	24	802	30	140	1160	1300
30	451	2109	2560	275	2507	2782	22	735				
Oct 1	99											
	168,671			83,448			8248					76,223

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGIN

SHELLEY			DIV. SHELLEY - BL. BR.			SHELLEY TO BL. BR. LOSS STORED	THEORETICAL BALANCE STORED BLACKFOOT RES.	BLACKFOOT RIVER
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
1179	1021	2200	820	483	1303	21	338	0
1046	1104	2150	1004	467	1471	3	39	0
709	1511	2220	1191	460	1651	0	-482	0
485	1115	1600	1106	459	1565	0	-635	0
548	922	1470	688	451	1139	0	-203	0
907	753	1660	688	447	1135	0	-140	0
1059	671	1730	586	459	1045	19	302	0
1140	640	1780	666	486	1152	24	369	0
1592	498	2090	752	470	1222	23	365	0
1106	1114	2220	755	469	1224	50	787	0
983	807	1790	1058	467	1525	3	45	0
721	1009	1730	571	492	1063	25	387	0
170	1300	1470	631	490	1121	5	85	0
-123	1095	972	541	469	1010	0	-371	0
275	765	1040	29	473	502	0	-152	0
224	916	1140	-4	456	452	17	262	0
523	677	1200	170	476	646	3	51	0
607	433	1040	182	487	669	20	321	0
209	871	1080	178	480	658	26	403	0
126	1024	1150	236	464	700	0	-27	0
-368	1638	1270	217	482	699	0	-91	0
270	1020	1290	449	420	869	0	-817	0
438	722	1160	447	489	936	0	-177	0
-88	1036	948	503	491	994	0	-65	0
46	944	990	81	498	579	0	-149	0
-433	1473	1040	263	492	755	0	-217	0
49	951	1000	234	488	722	0	-667	0
-322	1270	948	194	494	688	0	-145	0
154	752	906	14	492	506	0	-336	0
117	595	712	20	475	495	8	126	0
-96	784	688	1725	454	629	0	-58	0
-504	1524	1020	-22	358	336	0	-74	0
309	1081	1390	-60	373	313	0	-444	0
271	1099	1370	396	513	909	0	-87	0
98	1332	1430	274	674	948	0	-3	0
364	946	1310	-10	908	898	6	102	0
304	746	1050	20	818	838	20	324	0
438	632	1070	124	797	921	11	169	0
905	255	1160	138	656	794	18	282	0
765	525	1290	279	616	895	38	588	0
177	833	1010	280	680	960	29	456	0
185	697	882	265	580	845	0	-88	0
131	769	900	206	469	675	0	-21	0
26	728	954	72	482	554	3	56	0
20	770	790	61	502	563	0	-35	0
32	688	720	60	550	610	1	9	0
643	311	954	171	278	449	0	-139	0
519	731	1250	0	563	563	27	614	0
220	960	1180	0	635	635	31	489	0
-73	1313	1240	0	917	917	13	207	0
-937	2307	1370	62	832	894	0	-135	0
2	1433	1440	65	721	786	0	-1082	0
180	1280	1430	65	985	1050	0	-58	0
164	1246	1410	63	1025	1098	5	82	0
138	1242	1380	64	1030	1094	6	94	0
140	1180	1320	65	1007	1072	4	69	0
			63	949	1012	5	72	0
76,342			53,359			2169	21,214	

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	221140	5437	2443	7880	30210	
200	130	330	2314	7	209730	6186	2444	8630	31250	
111	130	241	2311	8	198350	5849	2441	8290	32190	
61	130	191	2309	9	187650	5521	2439	7960	33430	
49	130	179	2314	10	178830	4986	2444	7430	34980	
42	130	172	2318	11	170770	3272	2446	5720	34980	
17	130	147	2324	12	163580	2156	2454	4610	34670	
42	130	172	2327	13	162360	1903	2457	4360	33790	
89	130	219	2329	14	158290	2271	2459	4630	32290	
89	130	219	2326	15	153080	2664	2456	5120	30830	
103	130	233	2333	16	147640	3077	2463	5540	30210	
233	130	363	2328	17	143240	4192	2458	6650	29390	
187	130	317	2324	18	134030	4496	2454	6950	31250	
139	130	269	2314	19	125200	4226	2444	6670	33120	
187	130	317	2314	20	117950	3816	2444	6260	34340	
85	130	215	2313	21	111890	2927	2443	5370	34980	
100	130	230	2314	22	107490	3226	2444	5670	33740	
123	130	253	2311	23	102620	2349	2441	4790	33150	
119	130	249	2314	24	96060	3116	2442	5560	33950	
65	130	195	2309	25	90640	3501	2439	5940	33840	
25	130	155	2309	26	84260	3121	2439	5560	33320	
22	130	152	2310	27	79610	2680	2440	4570	32700	
25	130	155	2311	28	75380	2139	2441	4580	31460	
25	130	155	2311	29	71580	1859	2441	4060	31150	
28	130	158	2317	30	67620	1143	2447	3590	30730	
28	130	158	2316	31	67660	794	2446	3240	29690	
28	130	158	2319	SEP 1	65330	831	2449	3280	27760	
22	130	152	2318	2	64280	1142	2448	3590	27360	
9	130	139	2318	3	61800	1032	2448	3480	26750	
11	130	141	2318	4	60120	672	2448	3120	26140	
19	130	149	2318	5	57110	622	2448	3070	25120	
14	130	144	2323	6	55760	847	2453	3300	24110	
9	130	139	2322	7	55240	1098	2457	3500	22490	
11	130	141	2324	8	53190	1496	2454	3950	21620	
17	130	147	2320	9	50530	1360	2450	3770	22490	
17	130	147	2316	10	48490	1334	2486	3780	21770	
19	130	149	2319	11	46240	961	2449	3410	22690	
11	130	141	2325	12	44710	905	2455	3360	23300	
11	130	141	2330	13	42960	840	2460	3300	22590	
11	130	141	2329	14	41720	791	2459	3250	23910	
11	130	141	2332	15	40390	578	2462	3040	23800	
17	130	147	2325	16	38230	1165	2455	3620	22180	
11	130	141	2322	17	36020	1118	2452	3570	21170	
14	130	144	2326	18	33850	1074	2456	3530	19640	
11	130	141	2329	19	31810	831	2457	3290	18050	
9	130	139	2322	20	30750	578	2452	3030	18450	
4	130	134	2319	21	30620	571	2449	3020	17760	
6	130	136	2320	22	28960	590	2450	3040	16970	
9	130	139	2322	23	28630	588	2452	3040	16270	
11	130	141	2335	24	28300	375	2465	2840	15870	
19	130	149	2374	25	27230	26	2504	2530	14690	
36	130	166	2408	26	28470	-48	2538	2490	13870	
36	130	166	2402	27	29040	-52	2532	2480	12110	
39	130	169	2385	28	29280	-545	2515	1970	10720	
42	130	172	2376	29	30920	74	2586	2580	10530	
31	130	161	2372	30	32300	-502	2502	2000	11220	
22	130	152	2371							
19,150						588287				

ER GAGING STATIONS 1934

Sec. Ft. except as noted

	LAKE WALCOTT	MINIDOKA CANALS					HOWELLS				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	DATE 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	4407	2443	6850	Aug. 1	9.64	997	383	42	1390	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	33430	0	825	825	825	0	4699	2441	7140	9	9.90	967	406	42	1880	2061	287	2348						
20	34980	0	823	823	823	0	4551	2439	6990	10	9.97	958	406	42	1720	1901	288	2189						
20	34980	0	593	593	593	0	4336	2444	6780	11	9.90	953	237	42	1180	1191	288	1479						
10	34670	0	538	538	538	0	2932	2448	5380	12	9.90	942	0	42	534	308	288	596						
40	33740	0	493	493	493	0	2346	2454	4800	13	9.79	940	0	42	524	298	288	586						
30	32290	0	516	516	516	0	2103	2457	4560	14	9.60	933	0	42	524	297	289	586						
20	30830	0	548	548	548	0	2321	2459	4780	15	9.46	927	0	42	528	301	289	590						
90	30210	0	568	568	568	0	2544	2456	5020	16	9.46	936	0	42	528	301	289	590						
20	29390	0	690	690	690	0	2697	2443	5140	17	9.46	938	0	42	528	300	290	590						
10	31 250	0	752	752	752	0	2753	2458	5210	18	9.52	940	0	42	529	301	289	590						
20	33120	0	708	708	708	0	2786	2454	5240	19	9.60	942	0	42	528	302	288	590						
20	34360	0	642	642	642	0	2766	2444	5210	20	9.64	942	0	42	528	302	288	590						
20	34980	0	606	606	606	0	2736	2444	5180	21	9.72	944	0	42	524	298	288	586						
10	33740	0	555	555	555	0	2617	2443	5060	22	9.79	944	0	42	524	298	288	590						
10	34150	0	478	478	478	0	2526	2444	4970	23	9.74	944	0	42	528	302	288	590						
40	33950	0	436	436	436	0	2379	2441	4820	24	9.69	938	0	42	521	296	287	583						
40	33840	0	430	430	430	0	2796	2444	5240	25	9.76	940	320	42	874	970	288	1258						
40	33320	0	422	422	422	0	3591	2439	6030	26	9.68	933	455	42	1010	1240	287	1527						
20	32700	0	480	480	480	0	3271	2439	5710	27	9.58	925	455	42	1000	1230	287	1517						
10	31460	0	504	504	504	0	2150	2440	4590	28	9.53	920	455	42	1000	1230	287	1517						
10	31150	0	480	480	480	0	2099	2441	4540	29	9.40	920	190	42	716	681	287	968						
10	30730	0	426	426	426	0	1339	2441	3780	30	9.54	940	0	42	524	299	287	586						
40	29690	0	430	430	430	0	1133	2447	3580	31	9.61	773	0	42	518	292	288	580						
10	27760	0	420	420	420	0	1014	2446	3460	Sept. 1	9.56	794	0	41	512	285	288	573						
20	27360	0	420	420	420	0	1111	2449	3560	2	9.76	787	0	41	518	291	288	579						
0	26750	0	453	453	453	0	932	2448	3380	3	9.84	769	0	41	500	273	288	561						
0	26140	0	462	462	462	0	742	2448	3190	4	9.82	750	0	41	503	276	288	564						
10	25120	0	484	484	484	0	582	2448	3030	5	9.78	733	0	41	445	218	288	506						
0	24110	0	504	504	504	0	707	2453	3160	6	9.64	735	0	47	358	117	288	405						
0	22490	0	526	526	526	0	836	2452	3290	7	9.53	731	0	47	364	123	288	411						
0	21670	0	516	516	516	0	986	2454	3440	8	9.34	729	0	47	361	120	288	408						
0	22490	0	502	502	502	0	870	2450	3320	9	9.68	741	0	47	364	123	288	411						
0	21770	0	387	387	387	0	624	2446	3070	10	9.70	735	0	47	361	118	290	408						
0	22690	0	55	55	55	0	581	2449	3030	11	9.64	729	0	47	358	89	316	405						
0	23300	0	0	0	0	0	575	2455	3030	12	9.47	711	0	47	358	106	299	405						
0	22590	0	0	0	0	0	770	2460	3230	13	9.19	689	0	47	353	95	305	400						
0	23910	0	0	0	0	0	731	2459	3190	14	9.30	701	0	47	356	113	290	403						
0	23800	0	0	0	0	0	1178	2462	3640	15	9.40	703	0	46	348	105	289	394						
0	22180	0	0	0	0	0	1845	2455	4300	16	9.47	717	413	44	720	885	292	1177						
0	21170	0	0	0	0	0	1848	2452	4300	17	9.46	701	650	44	804	1209	289	1498						
0	19640	0	0	0	0	0	1734	2456	4190	18	9.45	701	634	44	718	1108	288	1396						
0	18050	0	0	0	0	0	1201	2459	3660	19	9.42	701	568	44	644	940	316	1256						
10	18050	0	0	0	0	0	848	2452	3300	20	9.64	701	0	44	306	11	339	350						
0	18450	0	0	0	0	0	1111	2449	3560	21	9.74	695	0	44	306	8	342	350						
0	17740	0	0	0	0	0	1150	2450	3600	22	9.64	691	0	44	308	13	339	352						
0	16470	0	0	0	0	0	928	2452	3380	23	9.84	697	0	0	348	18	330	348						
0	16270	0	0	0	-33	33	838	2432	3270	24	9.72	693	0	0	383	-9	392	383						
10	15870	0	0	0	-73	73	909	2431	3340	25	9.62	689	0	0	472	0	472	472						
0	14490	0	0	0	-73	276	928	2262	3190	26	9.66	691	0	0	531	0	531	531						
0	13870	0	45	45	-231	398	846	2134	2980	27	9.41	691	0	0	412	0	412	412						
10	12110	0	279	279	-119	411	236	2104	2340	28	9.36	511	0	0	404	0	404	404						
0	10720	0	373	373	-38	425	-31	2081	2050	29	9.46	0	0	0	404	0	404	404						
50	10530	0	424	424	-1	425	-182	2082	1700	30	9.41	0	0	0	401	0	401	401						
0	11220	0	420	420	0	420																		
					173,801		447,652					156,717				192,269						18,341		

NS 1934

except as noted

PLATE NO. 13

NALS		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		
							GOODING STORAGE	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
STOR.	NORM.	STOR.	NORM.	TOTAL																		
795	0	4407	2443	6850	31	9.68	497	383	42	1990	2147	288	2435	2145	3200	105	0	105	7	0	7
795	0	4806	2444	7250	1	9.80	990	395	62	1970	2139	288	2427	2136	3370	105	0	105	7	0	7
825	0	4699	2441	7140	2	9.90	967	406	62	1880	2061	287	2348	2148	3370	105	0	105	7	0	7
823	0	4551	2439	6990	3	9.97	958	406	62	1720	1901	288	2189	2124	3300	105	0	105	7	0	7
593	0	4236	2444	6680	11	9.90	953	237	62	1180	1191	288	1479	2150	3280	105	0	105	8	0	8
530	0	7932	2448	5380	12	9.90	942	0	62	534	308	288	596	2134	3310	101	0	101	8	0	8
693	0	2346	2454	4800	13	9.79	940	0	62	524	298	288	586	2132	3300	99	0	99	7	0	7
516	0	2103	2457	4560	14	9.60	933	0	62	524	297	289	586	2140	3300	99	0	99	7	0	7
548	0	2221	2459	4680	15	9.86	927	0	62	528	301	289	590	2203	3310	99	0	99	7	0	7
548	0	2564	2456	5020	16	9.46	936	0	62	528	301	289	590	2197	3370	93	0	93	7	0	7
490	0	2697	2443	5140	17	9.46	938	0	62	528	300	290	590	2211	3370	96	0	96	7	0	7
752	0	2758	2438	5190	18	9.52	940	0	62	528	301	289	590	1994	3380	96	0	96	6	0	6
762	0	2784	2454	5240	19	9.60	942	0	62	528	302	288	590	2214	3360	100	0	100	7	0	7
708	0	2766	2444	5210	20	9.64	942	0	62	528	302	288	590	2214	3370	102	0	102	7	0	7
442	0	2736	2444	5180	21	9.72	944	0	62	524	298	288	586	2214	3370	102	0	102	7	0	7
406	0	2617	2443	5060	22	9.79	944	0	62	524	298	288	586	2165	3320	105	0	105	7	0	7
555	0	2526	2444	4970	23	9.74	944	0	62	528	302	288	590	2144	3300	78	0	78	7	0	7
278	0	2379	2441	4820	24	9.69	938	0	62	521	296	287	583	2134	3290	78	0	78	7	0	7
336	0	2796	2484	5280	25	9.76	940	320	62	876	970	288	1258	2184	3340	80	0	80	7	0	7
320	0	3591	2439	6030	26	9.68	933	455	62	1010	1240	287	1527	2178	3350	78	0	78	7	0	7
322	0	3271	2439	5710	27	9.58	925	455	62	1000	1230	287	1517	558	2710	79	0	79	7	0	7
380	0	2150	2440	4590	28	9.53	920	455	62	1000	1230	287	1517	47	2200	79	0	79	7	0	7
404	0	2099	2441	4540	29	9.40	920	190	62	716	481	287	968	46	2200	78	0	78	7	0	7
340	0	1339	2441	3780	30	9.54	940	0	62	524	279	287	586	56	2210	78	0	78	7	0	7
326	0	1133	2447	3580	31	9.61	773	0	62	518	272	288	580	41	2200	80	0	80	7	0	7
330	0	1016	2446	3462	9221	9.56	794	0	61	512	285	288	573	42	2208	80	0	80	7	0	7
290	0	1111	2449	3560	2	9.76	787	0	61	518	291	288	579	49	2161	17	0	17	7	0	7
290	0	1032	2448	3480	3	9.84	769	0	61	500	273	288	561	30	2160	0	0	0	7	0	7
293	0	932	2448	3380	4	9.82	750	0	61	503	276	288	564	10	2160	0	0	0	7	0	7
292	0	742	2448	3190	5	9.78	733	0	61	445	218	288	506	70	2160	0	0	0	7	0	7
294	0	582	2448	3030	6	9.64	735	0	47	358	117	288	405	50	2160	14	0	14	7	0	7
296	0	707	2453	3160	7	9.53	731	0	47	364	123	288	411	35	2165	117	0	117	7	0	7
296	0	838	2452	3290	8	9.34	729	0	47	361	120	288	408	16	2164	119	0	119	7	0	7
296	0	986	2454	3440	9	9.68	741	0	47	364	123	288	411	24	2166	117	0	117	7	0	7
300	0	870	2450	3320	10	9.70	735	0	47	361	118	290	408	0	2160	110	0	110	7	0	7
274	0	624	2446	3070	11	9.64	729	0	47	358	89	316	405	0	2130	107	0	107	7	0	7
270	0	581	2449	3030	12	9.47	711	0	47	358	106	299	405	0	2150	105	0	105	7	0	7
270	0	575	2455	3030	13	9.19	689	0	47	353	95	305	400	0	2150	105	0	105	6	0	6
270	0	770	2460	3230	14	9.30	701	0	47	356	113	290	403	10	2170	31	0	31	7	0	7
270	0	731	2459	3190	15	9.40	703	0	46	348	105	289	394	10	2170	0	0	0	7	0	7
270	0	1178	2462	3640	16	9.47	717	413	44	720	885	292	1177	0	2170	0	0	0	7	0	7
270	0	1845	2455	4300	17	9.46	701	650	44	804	1209	289	1498	4	2166	0	0	0	7	0	7
270	0	1848	2452	4300	18	9.45	701	634	44	718	1108	288	1396	6	2164	0	0	0	7	0	7
270	0	1734	2456	4190	19	9.42	701	568	44	644	940	316	1256	0	2140	0	0	0	7	0	7
270	0	1201	2459	3660	20	9.64	701	0	44	306	11	339	350	0	2120	0	0	0	7	0	7
270	0	848	2452	3300	21	9.74	695	0	44	306	8	342	350	0	2110	0	0	0	240	0	240
270	0	1111	2449	3560	22	9.64	691	0	44	308	13	339	352	0	2110	0	0	0	348	0	348
270	0	1150	2450	3600	23	9.84	697	0	0	348	18	330	348	0	2120	0	0	0	342	0	342
270	0	928	2452	3380	24	9.72	693	0	0	383	-9	392	383	0	2060	0	0	0	320	0	320
233	0	838	2432	3270	25	9.62	689	0	0	472	0	472	472	0	1960	0	0	0	320	0	320
222	0	909	2431	3340	26	9.66	691	0	0	531	0	531	531	0	1900	0	0	0	320	0	320
276	928	2262	3190		27	9.61	691	0	0	412	0	412	412	0	1850	0	0	0	317	0	317
398	846	2134	2980		28	9.36	511	0	0	404	0	404	404	0	1730	0	0	0	320	0	320
411	236	2104	2340		29	9.46	0	0	0	404	0	404	404	0	1700	0	0	0	309	0	309
425	-31	2081	2050		30	9.41	0	0	0	401	0	401	401	0	1680	0					
420	-182	2082	1900																		
	44745?					156,919				192,269			72,425				14,341		4512			

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																																				
Enterprise	6																	8	8	24	27	21	21	8	4	4	4	0	0	0	0	0	0	0	0	0	0
Nelson	7																																				
Neilson - Craig	8																																				
Arnsberger	9																																				
Butler Island	10																																				
Ross and Rand	11																																				
Steele	12																																				
Harrison	13																																				
Cheney	14																																				
Ruby	15																																				
Kite & Nord	16																																				
Burgess	17																																				
Clark & Edwards	18																																				
Lowder & Jennings	19																																				
East Labelle	20																																				
Springdell Irr. District	21																																				
Lenroot	22																																				
Reid	23																																				
Hill Pettinger	24																																				
Rigby	25																																				
Diffs	26																																				
Island	27																																				
West Labelle - Long Island	28																																				
Parks & Lewisville	29																																				
North Rigby	30																																				
Ellis	31																																				
Bramwell	32																																				
Henrys Fork Canals ①	33																																				
Butte & Market Lake	34																																				
Osgood	35																																				
Bear Island	36																																				
Smith	37																																				
Idaho Irr. District	38																																				
Kennedy	39																																				
Martin	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																																				
Main Lava Side	50																																				
Peoples	51																																				
Aberdeen	52																																				
Kerbell	53																																				
Riverside	54																																				
Speakin	55																																				
Trego	56																																				
Wearrick	57																																				
10% Penalty on stored normal W-B	58																																				
TOTAL WOODVILLE - BLACKFOOT	59																																				
	61				0	73	559	635	586	586	492	492	519	573	634	704	872	1144	1204	1354	1468	1429	1382	1308	1367	1393	1382	1294	1294	1279	1250	1344	1407	1551	1
Minidoka Canals	62				0	24	17	26	24	24	27	27	21	0					0	18	26	43	35	41	55	55	105	104	128	128	128	126	126	98	2
Milner Low Lift	63								0	7	102	112	171	234	247	312	346	372	378	358	351	368	374	385	380	405	402	434	435	401	385	368	417	417	401	3
T.F. Canal Co.	64				0	77	84	21	9	54	20	8	17	23	40	110	280	768	1140	1225	1075	1014	1000	1051	1158	1229	1440	1630	1710	1599	1584	1735	1918	1972	1
N.S. Canal Co.	65				160	378	542	564	569	567	566	562	562	602	670	704	750	788	803	830	861	857	859	864	861	864	864	864	864	859	859	861	877	894	9
Feeding Project	66																																				
Idaho Power Co.																																					

① See Plate No. 22 for details

DAIL

8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
0	0	0	0	0	0	0	20	19	20	22	22	22	22	16	15	12	12	0	0
										-101	-103	-164	-101	0				-299	-297
						0	3	2	0						121	121	119	116	116
																			0
										0	-5	-5	-5	-5	-5	-5	-5	-5	-5
								0	-3	-3	-3	-3	0						
												0	-4	-4	-4	-4	-4	0	0
									-414	-415	-415	-415	0						
																			0
																	-3	-4	-3
											0	-8	-8	-8	-8	-8	-8	-8	0
										-138	-138	-138	-142	-142	0	-532	-541	-541	-545
											-25	-25	-40	-40	-40	-44	-44	-46	-44
																		-83	-83
														-25	-25	-25	-25	-25	-25
														-146	-146	-146	-146	-146	0
-5	17	38	30	21	-2	-26	0	26	12	-3	-5	-7	-12	-16	-17	-18	-16	-13	-12
									0	-300	-300	-300	-300	-300	-300	-300	-300	-300	-300
						0	81	81	81	81	81	81	-26	-26	-26	-26	-26	-26	-26
								3	3	1	0	0	0	0	2	2	3	1	0
								1	1	0	0	0	0	1	0	1	0	1	0
											-347	-347	-373	-393	-399	-410	-394	-392	-351
					10	18	18	18	18	18	18	18	18	18	18	18	18	18	18
										-30	-36	-41	-49	-55	-57	-36	-23	-16	-15
											-76	-76	-76	-76	-76	0			
										-166	-360	-540	-360	-122	68	63	67	73	74
									-46	-128	-200	-229	-164	-149	-190	-170	-168	-210	-188
-5	17	38	30	21	8	-8	122	150	-328	-1162	-1842	-2177	-1620	-1472	-1069	-1507	-1484	-1905	-1696
									0	-172	-178	-151	-144	-176	-201	-238	-226	-198	-182
										-23	-330	-40	-65	-63	0	0	-330	-330	-330
										-137	-137	-137	-137	-65	-65	-65	-66	-66	-67
										-382	-382	-382	-382	0					
										-598	-317	-317	-373	-438	-1128	-675	-252	325	575
																	-133	-135	-135
								0	-58	0	0	-58	-58	-58	0	-58	-58	-58	-58
									-6	-123	-149	-120	-128	-148	-154	-115	-118	-87	-88
									-64	-1235	-1493	-1205	-1187	-1488	-1545	-1151	-1185	-549	-185
1951	1140	569	1071	983	1636	1719	1780	1787	1800	1771	1751	1716	1704	1655	1601	1584	1584	1617	1643
129	126	129	129	128	128	128	129	129	128	130	130	130	130	128	128	126	126	126	136
201	-200	-260	-290	-190	-10	-20	54	252	468	466	474	438	495	497	479	472	465	496	531
1912	1878	1886	1872	1838	1859	1840	1824	1798	1930	1984	2013	1964	2010	1980	1951	1940	1941	1453	1432
919	938	941	934	934	963	963	963	965	974	1000	1020	1010	1020	1020	1020	1020	1020	1020	1010

28	29	30	31	June 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
														15	15	15	15	15	15
7	10	10	15	18	9	6	6	6	6	0									
	-57	-89	-96	-57	-68	-93	-100	-95	-94	-143	-390	-259	0						
-297	-297	-297	0																
116	122	122	122	116	122	74	74	0											0
3	0																		
						0	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
-5	-5	-5	-5	-5	-5	0													
	0	-47	-47	0						0	-5	-5	-5	-5	-5	0			
-3	-3	-3	-3	-3	-3	-3	0	0	-1	-1	-3	-3	-3	-3	-3	-3	-3	-3	0
											0	-7	-5	-7	-7	-7	-6	0	
140	-270	-270	-270	-270	166	143	141	143	383	-270	-268	-268	-270	-414	-270	-270	-270	-270	-56
-4	-3	-4	0	0	0	0	-3	-3	-3	-3	-3	-3	-3	-5	-5	-5	-5	-5	-5
									-118	-118	-118	-118	-118	-118	-118	-118	-118	-11	-11
					0	-8	-8	-8	0	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
0							0	-17	230	-17	-397	-540	-545	-216	-216	-216	0	0	0
0	0	0	26	26	26	-20	-20	-21	0	-21	-21	-44	-44	-47	-47	-21	-21	-21	-21
				-108	-108	-108	-108	-108	-108	0									
-83	-83	-83	8	9	43	21	-7	36	24	0	-83	-83	-83	-83	-83	-57	-57	-57	-57
			96	103	118	117	0	0	0	0	-10	-40	-40	-40	-40	-21	-21	-21	-21
				-68	-68	-75	-68	-68	-68	-68	-72	-72	-72	-74	-74	-77	-80	0	
														-3	-3	-1	-1	-2	-1
-144	-144	-144	-144	0											0	-144	-144	-144	-144
-25	-25	-25	0									0	-25	-25	0				
					0	-84	-84	-84	-84	-84	-146	-146	-146	-146	-146	-84	-84	0	
								0	-8	-8	-8	0							
-11	-22	-34	-34	-165	-120	-75	-78	-81	-78	-86	-88	-89	-114	-110	-44	-77	-77	-77	-72
-300	-300	-300	0	0	0	0	100	279	275	275	-149	-198	-193	-190	-196	-202	-182	56	0
81	81	81	81	81	81	85	90	95	95	95	85	85	-26	-26	-26	-26	-26	-17	-17
3	3	3	0	2	0														
1	1	0	0																
-338	-349	-336	-380	-380	-354	-367	-887	-887	-887	-887	-887	-412	-460	-301	-356	-351	-887	-887	-887
		-30	-30	-30	-30	-30	-5	-6	-5	-8	-30	-30	-26	-8	0	0	0	0	-8
0	0	0	0	0	18	18	18	18	18	4	4	0							
-138	-514	-514	-514	-514	-241	197	196	195	197	192	-202	-228	-237	-239	-255	-275	96	102	115
		0	82	0							0	-78	-78	-70	0				
74	75	81	82	81	34	31	28	28	32	36	32	31	-137	-180	-190	-180	-180	-180	-197
-181	-227	-238	-165	-154	-98	-87	-144	-144	-153	-182	-311	-282	-281	-246	-227	-230	-236	-181	-159
-1594	-2007	-2122	-1176	-1323	-481	-258	-865	-728	-353	-1273	-3079	-1901	-1925	-2578	-2370	-1677	-2346	-1332	-1140
-133	-143	-138	-94	217	538	497	456	438	273	-14	24	0	0	0	0	-33	-14	-14	-14
-338	-154	0	0	0	-169	-175	-174	-176	-180	-178	-330	-330	-330	-179	-182	-179	-178	-176	-176
-66	0	0	0	0	-63	-66	0	0	0	0	-65	-137	-137	-137	-137	-137	-137	-137	-72
	-8	-14	424	400	405	-21	-21	-21	-21	-21	-21	0	0						
401	598	598	550	508	547	539	530	503	503	503	105	0	0	0	452	388	390	390	393
-135	-33	0	0	0	0	-22	-35	-33	-32	-33	-98	-98	-98	-50	-50	-37	-37	-10	-7
										-100	-100								
				0	-162	-162	-162	-162	0										
-58	-58	-58	-58	0	0	0	-58	-58	0	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58
-80	-49	-23	-16	0	-43	-49	-48	-48	-25	-42	-74	-69	-69	-47	-47	-49	-47	-36	-28
-201	158	365	806	1125	1073	541	500	453	518	17	-617	-592	-592	-471	-22	-105	-81	29	108
1572	1556	1547	1553	1518	1298	1152	1119	1058	1121	1017	591	157	0	38	403	658	794	1176	1314
126	126	126	126	126	126	126	126	126	126	128	124	116	0	0	5	26	20	20	0
513	495	455	515	517	518	484	494	410	375	310	240	188	157	165	215	246	373	436	408
381	378	353	389	1833	2314	2223	2213	2163	2161	2071	1916	1841	1719	1618	1618	1620	1624	1730	1900
1010	1010	1010	1000	1010	1010	994	980	966	962	957	987	954	930	923	919	936	935	935	975

17	18	19	20	21	22
15	15	15	15	15	15
0	6	7	7	7	5
2	-136	-137	-130	-130	-129
-304	-309	-309	-300	37	37
	0	72	71	71	76
		0	3	0	
0	4	4	0		
-57	190	190	393	394	394
-1	-3	-4	1	2	
-13	-10	-1	5	30	
0	0	0	0	1	
234	183	183	217	0	
0					
-57	-57	-57	-37	-17	
-21	-21	0	12	25	
-2	-1	-2	-1	-1	
0					
0	28	28	28	28	
		0	-75	-66	
-64	-12	-4	6	17	
0	0	0	139	150	
95	97	108	101	101	
-887	-246	0	0	0	
-8	-20	-18	3	5	
0	18	18	13	18	
126	118	152	134	157	
0	49	67	78	78	
127	342	331	144	147	
-150	-90	-57	-61	-51	
-484	335	774	852	101	
0					
-179	29	0	0		
0					
0	-11	-21	344	390	
393	395	398	440		
-17	-51	-48	-33		
		-100	-100		
0	94	38	42		
-24	-8	-22	-17		
152	396	610	730		
1404	1505	1602	1611		
0	0	42	70		
196	413	393	409		
2060	2114	2114	2116		
990	991	945	984		

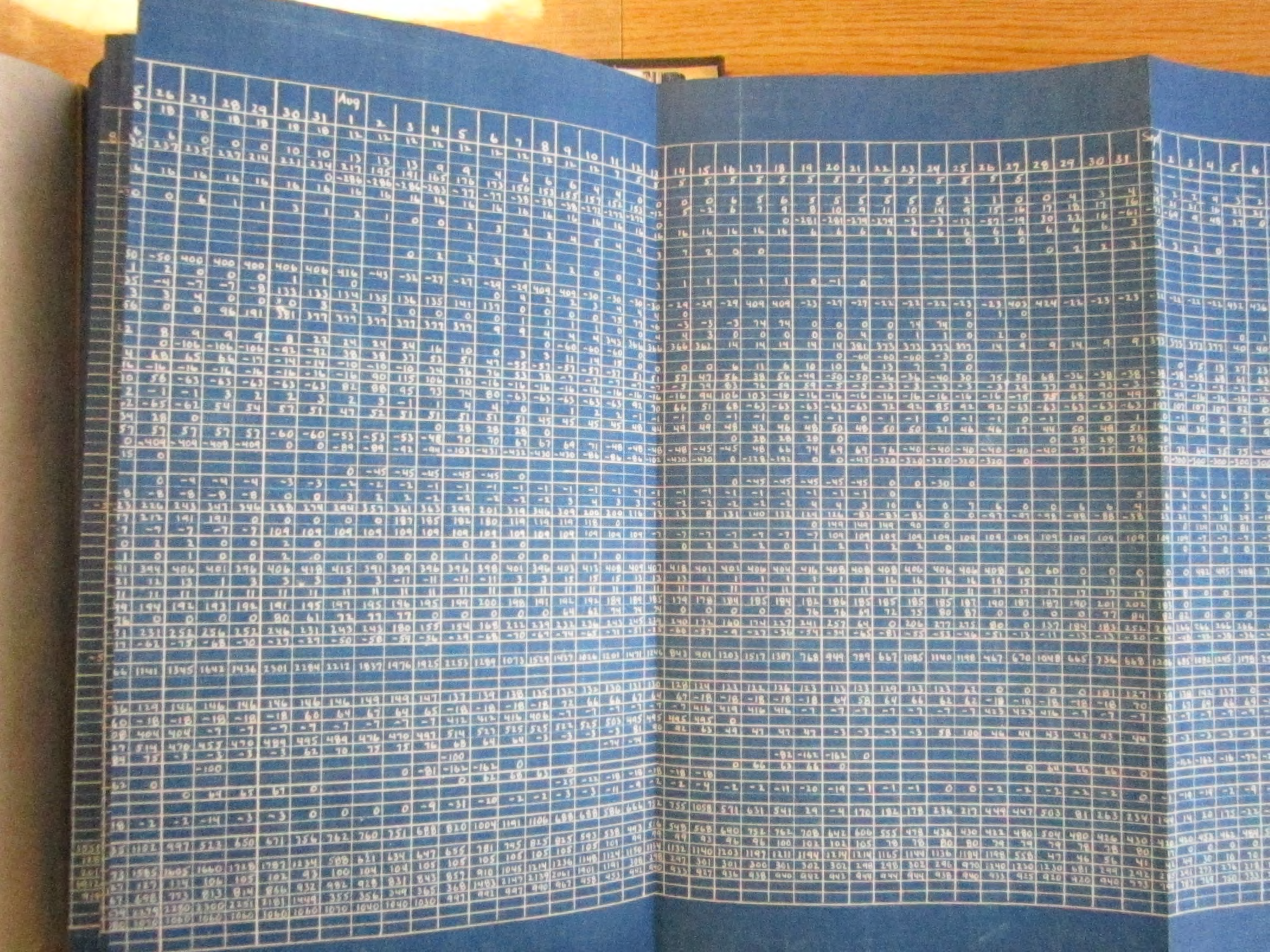
DAILY STORAGE DIVERSIONS 1934

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	7
15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	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	16
0	-136	-132	-136	-126	-139	-139	19	63	-68	-35	113	263	263	285	285	324	324	307	9	10
-304	-304	-304	-300	37	37	37	37	37	37	37	36	36	0							
	0	72	71	71	76	76	76	76	76	80	79	79	55	50	50	50	50	50	50	50
		0	3	0														0	3	0
0	4	4	0															0	3	2
-57	390	390	393	394	394	394	-41	-47	-49	-49	-49	-49	402	402	398	402	402	402	402	402
-1	-3	-4	1	2	2	0	0								0	3	4	6	5	5
-13	-10	-1	5	30	31	31	29	28	27	26	25	23	23	21	19	50	73	0	26	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	-37	-17	-17	-17	-17	63	61	61	66	59	68	68	65	-17	-17	-17	-17	-17
-21	-21	0	22	26	28	109	108	111	107	100	-16	-16	-16	-16	-16	-16	-16	-16	130	113
										0	78	78	77	76	76	75	-2	-3	-12	-4
-2	-1	-2	-1	-1	-2	-1	-2	-1	-1	-2	-1	2	-1	-1	2	2	2	2	2	2
0						0	-6	-8	-6	-6	-6	0	0	0	0	0	0	-144	-144	-144
0	28	28	28	28	28	0								0	28	28	28	28	0	
		0	-75	-66	-66	-66	-66	20	44	60	60	60	60	60	60	60	-66	-66	-66	-66
												-178	-192	-215	-189	-76	0			
-66	-12	-4	6	17	59	117	0	0	0	0	0	142	142	368	375	217	318	387	413	536
0	0	0	139	150	163	177	177	76	0	0	0	216	243	243	243	243	194	190	186	186
95	97	100	101	101	101	101	106	106	109	112	112	112	112	112	-7	-7	-7	-7	-12	-12
							0	1	0	2	1	2	0	0	2	3	0	0	2	0
									0	1	1	1	0	1	0	1	1	2	1	0
-887	-266	0	0	0	42	243	238	235	264	261	269	287	287	281	293	438	510	361	169	262
-8	-20	-18	3	5	7	14	15	12	13	15	11	8	8	8	8	8	8	8	7	7
0	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	11	11	11	11	11
126	118	153	154	157	158	163	170	170	356	334	324	328	340	191	175	186	181	186	193	203
0	69	67	78	78	75	71	0	0	0	0	72	70	85	80	76	76	76	76	0	0
127	342	331	146	142	131	142	61	53	53	45	39	34	32	32	307	319	324	325	124	114
-150	-90	-57	-61	-32	-24	-24	-14	-6	-13	-10	-8	-27	-33	-25	-33	-12	-15	-38	-27	-27
-484	335	974	832	1022	1114	1453	927	1076	1101	1125	1295	1619	2057	2052	2258	2387	2404	2079	1568	1677
0																				
-179	29	0	0	0	0	168	165	161	170	168	167	190	156	167	167	0	0	183	205	196
														0	57	58	59	60	0	0
-21	-21	394	398	398	392	396	388	-21	-21	-21	-21	-21	384	394	403	394	394	394	-21	-21
393	393	398	460	481	476	476	473	514	630	627	630	665	633	607	610	610	607	613	658	668
-17	-51	-48	-53	-48	-50	-52	0	45	64	71	78	73	70	88	76	66	60	61	0	0
		-100	-100																	
					0	-31	-79	-50	0				-45	-54	-47	-34	-27	0		
0	24	38	42	72	68	48	29	20	66	70	70	0	0					0	64	64
-24	-8	-22	-17	-5	-5	-9	-8	-7	-2	-2	-2	-2	-5	-6	-5	-3	-3	0	-2	-2
162	396	810	930	898	881	996	968	662	907	913	922	905	1193	1196	1261	1041	1090	1311	996	905
[illegible]	1505	1810	1811	1633	1654	1657	1708	1735	1701	1602	1464	1587	1578	1527	1549	1424	1344	1528	1546	1627
0	0	42	70	76	86	107	107	115	118	112	110	116	121	126	126	125	124	124	125	124
396	417	393	488	380	365	418	442	428	442	514	485	518	499	498	518	577	570	616	627	613
[illegible]	2124	2124	2116	2017	2018	2088	2089	2069	2001	2062	1392	413	383	389	404	396	391	1520	2360	2355
[illegible]	[illegible]	[illegible]	484	463	463	955	968	977	977	986	981	988	986	983	1040	1000	1000	1030	1040	1040

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
16	16	12	12	12	15	15	15	19	19	18	18	18	16	15	11	6	6	6	0	0	0
312	311	279	263	263	279	281	279	279	261	260	268	260	259	259	263	234	[illegible]	237	135	127	114
50	50	49	48	50	50	50	50	49	50	50	48	48	16	16	16	16	16	16	16	16	16
									0	3	0										
2	0	3	3	3	3	3	0	3	1	0	0	0	0	0	3	0	[illegible]	0	6	1	1
-49	-49	-50	-50	-50	-50	402	402	402	402	402	400	402	-44	-47	-49	-50	[illegible]	-58	400	400	400
6	2	0	0	0	1	1	0								0	1	[illegible]	2	0	0	0
33	35	85	134	135	133	0	-6	-6	-6	141	139	140	140	135	135	136	[illegible]	-4	-7	-7	-8
6	6	8	3	4	4	3	0	0	0	0	0	3	4	2	3	2	[illegible]	3	4	0	0
									0	-338	-338	77	96	49	60	60	[illegible]	0	0	96	191
0	2	2	2	40	50	50	52	52	2	2	2	2	2	2	2	2	3	9	9	9	9
						0	-106	-108	-108	-108	-108	0						0	-106	-106	-106
-17	61	63	63	66	59	59	65	65	-17	-17	-17	-17	-17	-17	66	63	74	65	65	65	-17
118	120	123	85	-16	-16	-16	-16	-16	-16	-16	110	118	104	102	-16	-16	-16	-16	-16	-16	-16
0	78	78	76	77	77	76	-23	-63	-63	-63	75	72	66	75	75	72	70	56	-63	-63	-63
2	2	2	2	2	2	2	2	2	-1	-1	-1	-1	-1	0	1	3	2	-1	-1	3	2
-144	0	0	13	9	20	9	58	53	35	0	38	49	51	-63	-63	-62	-62	-65	-62	54	54
					0	31	31	31	0						0	33	[illegible]	28	0		
-66	-66	57	57	57	57	57	57	57	-66	-66	-66	-66	-66	-66	-66	57	57	57	57	57	57
							0	-409	-405	-410	0	0	0	-67	-67	-96	0	-409	-409	-409	-409
													0	-194	-199	-205	[illegible]	0			
		-4	-4	-4	-4	-4	-4	-4	-4	-4	0							0	-4	-4	-4
					0	-8	-8	-8	-8	-8	0					0	-8	-8	-8	-9	-8
504	575	589	603	591	608	643	674	664	569	493	484	759	769	690	518	402	[illegible]	326	343	307	346
186	225	238	252	250	201	199	197	195	201	193	193	26	0	0	0	0	137	212	191	191	[illegible]
-7	109	109	109	109	109	109	109	109	109	109	109	109	109	109	-7	-7	-7	-7	-7	-7	-7
0	1	0	0	0	2	1	0	2	2	1	1	0					[illegible]	2	2	0	0
0	2	1	0	1	2	1	0	1	2	1	1	2	0	0	1	1	1	0	1	0	0
334	332	484	632	643	626	632	643	623	623	626	626	626	616	636	651	398	341	384	406	401	396
7	7	2	2	5	14	23	15	9	9	9	9	11	9	9	21	21	21	16	15	1	[illegible]
18	18	0			0	18	18	18	11	11	11	11	11	11	11	11	11	11	11	11	11
186	217	177	156	154	151	151	128	124	140	145	141	154	199	209	207	203	[illegible]	194	192	193	[illegible]
0	0	70	76	82	82	81	81	0	0	0	0	79	79	81	83	85	[illegible]	0	0	0	[illegible]
112	304	239	223	221	204	268	304	304	300	248	246	292	288	189	168	173	[illegible]	233	252	256	[illegible]
-31	-18	-6	-6	-7	-7	-3	-18	-68	-77	-114	-58	-4	-14	-50	-50	-48	[illegible]	-51	-15	-58	[illegible]
1578	2354	2610	2754	2697	2677	3116	3009	2374	1972	1597	2381	3165	2687	2084	1789	1500	2066	1141	1345	1642	[illegible]
196	194	193	194	197	198	196	166	170	179	178	173	174	170	168	168	136	136	129	146	146	[illegible]
0	0	58	60	60	-18	126	123	125	56	58	59	58	59	60	61	59	60	-18	-18	-18	[illegible]
-21	-21	-21	-21	-7	402	416	414	404	410	40	-7	-7	-7	-7	-7	408	408	404	404	-7	[illegible]
677	659	633	624	624	624	604	581	555	578	569	555	561	537	508	508	500	527	514	470	453	[illegible]
0	86	93	95	95	88	-3	-3	-3	-3	-3	89	97	95	92	93	80	89	75	-3	-3	[illegible]
														-100						-100	
														0	-162	-162	-162	0			
60	44	39	32	0				0	64	63	64	65	0						0	64	
-2	-2	-2	-2	0	-2	0		0	0		0	0	0	-11	-18	-18	-18	-2	-2	-14	
910	960	993	982	969	1292	1339	1281	1251	1284	905	933	948	844	710	843	1011	1035	1102	997	523	[illegible]
1654	1662	1667	1677	1669	1700	1762	1734	1824	1821	1823	1823	1836	1773	1618	1514	1464	1573	1585	1605	1660	[illegible]
126	126	124	124	126	126	126	126	126	128	128	128	129	127	127	129	127	137	123	114	106	[illegible]
668	647	628	675	706	732	697	681	681	699	699	708	707	737	785	713	707	[illegible]	698	723	813	[illegible]
2454	2414	2334	2344	2350	2370	2330	2300	2290	2290	1699	388	391	401	401	400	1672	[illegible]	2279	2290	2300	[illegible]
1040	1040	1040	1040	1040	1040	1050	1050	1050	1050	1060	1040	1050	1090	1100	1100	1100	[illegible]	1070	1080	1080	[illegible]

… flow not being diverted; 90% to canal and 10% to storage pool.



No.	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1																
3		4	2	2	4	3	2	1	0	0	0	0	0	3	2	1
4		19	21	21	16	21	21	16	8	7	17	16	15	12	11	9
5		71	-64	9	48	27	0									
6		0														
7																
8		3	3	2	0											
9																
10																
11																
12																
13		22	-22	-22	-22	432	436	-22	-22	-22	-23	-23	-23	-23	-23	-21
14																
15																
16						0	1	1	1	0						
17		13	373	373	377	40	40	40	29	24	29	29	29	79	79	79
18																
19			0	5	13	27	23	10	10	0	0	0	0	6	6	9
20		18	-38	-38	68	61	63	74	74	67	-38	-38	-38	74	77	74
21		3	-2	-3	-3	-2	-2	-3	-3	-2	96	83	-3	-2	4	4
22		17	49	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	84	81
23		27	107	107	107	52	0									
24		0	-1	0	2	2	0									
25		16	40	36	9	9	9	8	0							
26		0										0	15	0		
27		15	72	64	75	75	-40	-40	-40	-40	-40	-40	80	82	82	80
28		0	-300	-300	-300	-300	-300	0								
29																
30											0	-45	-45	-45	-45	-45
31		6	6	6	6	3	6	1	0						0	1
32		6	6	4	6	3	2	0	2	2	0	1	1	1	5	3
33	-5	13	21	7	18	29	-19	-18	-18	-18	-18	-21	-49	-6	-6	-96
34			0	124	121	81	0									
35		19	109	-7	-7	-7	-7	-7	-7	-7	109	109	109	109	109	109
36			0	2	0	0	2	2	0							
37																
38		0	0	482	495	408	71	71	71	71	119	122	83	83	474	472
39		6														
40		17	8	0	0											
41		83	0													
42		32	82	0	0	0										
43		24	266	266	266	266	0	0	0	0	140	164	165	0		
44		14	-48	-42	-38	-36	-40	-9	-9	-9	-13	-18	-13	-9	-7	-7
46	-5	16	685	1082	1245	1178	252	109	80	57	362	323	310	348	852	752
48																
49																
50		18	138	142	137	0	0	0	0	0	34	142	124	142	142	139
51		17	67	69	66	69	-18	-18	-18	-18	0	0	70	70	67	62
52		7	-7	-7	-7	-7	-7	419	239	0						
53		3	-3	-3	-3	-3	-3	-3	-3	-3	12	12	0	67	71	64
54										-50	-81	-81	-60			
55																
56			-162	-162	-16	-72	-26									
57								0	58	68	64	60	10	0		
58		1	-19	-19	-2	-9	-6	-2	-2	-7	-9	-9	-6	0	0	0
59		14	14	20	175	-22	-60	396	274	-10	20	124	138	279	280	265
61	1553															
62	155	10	420	453	467	484	504	526	516	502	387	55	0			
63	201	17	0	0	0	0	14	117	119	117	110	107	105	105	31	0
64	3912	12	49	30	18	70	50	35	16	24	0	0	0	0	10	10
65	4919	35	241	253	276	218	117	123	120	123	118	89	106	95	113	105
66		4	387	769	760	733	735	731	729	741	735	729	711	689	701	703

No.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total Sec. Ft.	Total Ac. Ft.	Jackson Lake Equiv. Ac. Ft.	Jackson Lake Right Ac. Ft.	Am. Falls Right Ac. Ft.
1																1065	2110	2276	0	0
3	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	1144	2280	2460	631	1448
4	9	13	11	11	3	-5	22	51	2	-11	-21	-6	-20	-18	-38	8470	16784	1809	0	14455
5																-5857	-11 610	[illegible]	1052	0
6																3410	6756	[illegible]	1208	7282
7																20	40	[illegible]	0	0
8																27	54	[illegible]	0	0
9																-100	-198	[illegible]	0	0
10																-94	-186	[illegible]	0	0
11																-38	-75	[illegible]	0	0
12																-57	-113	[illegible]	0	0
13	-20	432	434	331	0											9210	18280	19710	2629	11449
14																-12	-24	-26	0	0
15										0	9	9	30	30	30	2624	5203	5611	1052	1976
16			0	1	5	0										-13	-26	-28	0	0
17	29	24	3													4570	9062	9732	1692	5667
18																-363	-720	-777	0	0
19	5	5	5	4	0											350	694	758	547	0
20	74	42	37	32	47	61	52	0								-752	-1490	-1610	0	0
21	8	9	8	7	8	8	9	9	81	21	9	9	9	9	0	1235	2450	2642	2103	0
22	92	106	95	0												2530	5018	5411	1578	3485
23																723	1435	1547	0	1547
24																22	44	47	0	0
25																0	0	0	0	0
26																432	856	935	0	933
27	82	72	-40	-40	-40	-40	-40	-40	83	84	84	80	78	75	75	-909	-1800	-1940	0	0
28	0	-300	-300	-300	-300	-300	0									-12 314	-24400	-26310	0	0
29																-602	-1192	-1285	0	0
30	-45	0														-750	-1489	-1605	0	0
31	1	0	0	2	0	0	1	0	0	0	1	0				-33	-65	-70	0	0
32	3	2	0	1	0	0	1	0	0	0	1	0				0	0	0	0	0
33	-96	-96	-88	-88	-98	-70	-67	-67	32	36	41	141	140	151	130	16980	33 653	36308	0	9071
34																3960	7855	8449	0	2249
35	104	0	0	0	0	0	0	0	81	82	82	82	82	82	82	9101	19040	19410	0	19671
36	0	2	1	0												80	158	170	0	170
37																40	79	85	0	64
38	477	474	472	474	109	109	96	0								16930	33572	36201	0	26716
39																254	504	541	787	0
40																1335	2647	2854	788	2065
41																11380	22596	24361	2629	21565
42		0	46	60	60	98	0									3311	6560	7080	0	8612
43			0	165	213	232	217	197	112	0						16550	32848	35418	1088	20896
44	-7	-33	-37	-37	-37	-38	-4	-4	0	-11	-2	0	-2	-3	-4	-9351	-18550	-20008	0	0
46	722	753	648	624	-29	45	287	147	393	202	204	315	317	316	275	83448	165530	178481	26965	159745
48																0	0	0	0	0
49																6015	11922	12836	0	12856
50	141	15	0					0	62	65	65	63	64	65	63	1010	2005	2160	0	742
51	0															12700	25185	27155	4207	17023
52				0	155	0										37200	73705	79465	12445	22527
53	65	57	61	68	16	0										2271	4500	4855	0	4964
54																-1120	-2224	-2348	0	0
55																-2750	-5450	-5835	0	0
56																784	1555	1677	0	1115
57																-137	-272	-283	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2614	-5180	-5580	0	0
59	206	72	61	60	171	0	0	0	62	65	65	63	64	65	63	53359	105746	114022	26652	89117
61								0	-33	-73	-231	-119	-38	-1	0	173 801	344 734		171321	6331
62																14 341	28 445		0	21835
63				0												77 925	154 564		0	15675
64	0	4	6	940	11	8	13	18	-4	0						197 269	391 283		5258	38845
65	885	1209	1108	701	701	645	691	697	693	684	691	691	511	0	0	156 717	310 848		0	31613
66	717	701	701		0	240	348	342	320	320	320	320	317	320	309	3156	6 260			9800

Lake Ac.Ft.	Jackson Lake Right	Ac.Ft.	Am. Falls Right	Ac.Ft.	Seasonal Purchases Ac.Ft.	Total Right Ac.Ft.	Am. Falls holdover Ac.Ft. Oct 1, 1934
0	0		0	(1) 22370	22370		
20	631		1448	(3) 485	2564		
96	0		14455	(6) 3641	18096		104
30	1052		0	(7) -12881	-11829		0
86	3208		7282	(9) -3204	7286		0
43	0		0	(4) 50	50		0
58	0		0	(5) 106	106		0
214	0		0	(8) -214	-214		0
201	0		0	(9) -201	-201		0
81	0		0	(10) -81	-81		0
22	0		0	(11) -119	-119		0
10	2629		11941	(12) 5140	19710		0
26	0		0	0	0		0
11	1052		1976	(14) 2583	5611		0
28	0		0	0	0		0
72	2692		5667	(15) 1413	4772		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
347	0		1547	0	1547		0
47	0		0	(4) 47	47		0
0	0		0	0	0		0
33	0		423	0	423		0
40	0		0	(19) -1620	-1620		0
20	0		0	(19) -25028	-25028		0
85	0		0	(19) -1285	-1285		0
05	0		0	(21) -1605	-1605		0
70	0		0	0	0		0
0	0		0	0	0		0
92	0		9071	(22) 27231	36302		0
69	0		2269	(23) 6200	8469		0
50	0		14673	(21) 1100	20773		1323
70	0		170	0	170		0
85	0		64	(2) 21	85		0
02	0		26716	(24) 9486	36202		0
43	187		0	(2) 356	543		0
54	789		2065	0	2854		0
43	2629		21565	(13) 169	24363		0
80	0		8612	(10) -604	8008		920
18	1888		20896	(25) 6634	35418		0
00	0		0	-19909	-19909		0
181	26985		159745	-776	185954		2355
0	0		0	0	0		0
56	0		12856	0	12856		0
60	0		742	(14) 1536	2278		0
55	4207		17023	(27) 5925	27155		0
65	22445		52527	(28) 4493	79465		109
55	0		4964	0	4964		0
98	0		0	(18) -2398	-2398		0
75	0		0	(26) -5625	-5625		0
77	0		1115	(29) 562	1677		0
93	0		0	(25) -270	-270		0
80	0		0	-863	-863		
22	26652		89227	3560	119239		109
	171321		63562	(31) 111700	346583		1849
	0		21855	(32) 6500	28355		2189
	0		156753	0	156753		17931
	5258		(33) 388956	(34) 15000	409214		9697
	0		328795	(35) -8350	320545		0
			45000	(36) -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 E. Labelle, 1620 from Island 1920 from W. Labelle, 642 from N. Rigby, 21 from Pool
25. From Woodville 604, Wearyrick 270, Farmers Friend 5500, Mattson-Craig 162, Ross & Rand 81, Pool 17.
26. From Riverside 673, Danskin 863
27. From Danskin 4200, Riverside 1725
28. From W. Labelle 3630, Pool 863
29. To New Lava Side 673, Peoples 1725
30. To New Lava Side 863, Peoples 4200, Trego 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

TIME: CLOUGH TO ROEGAR - [illegible]
ROEGAR TO MINIDOKA - 8 Hrs.
MINIDOKA TO MILNER - 12 Hrs.

Heise to Shelley

Blackfoot to Heise

Shelley to Blackfoot

Milner to Burley

TIME INTERVAL IN HOURS

Date _____ 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	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
HARRIGFELD															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE															14	76	76	76	76	76	76	76	76	76	0	0	0	0	0	0	760
TOTAL ABOVE SQUIRREL															76	76	76	76	76	76	76	76	76	76	0	0	0	0	0	0	760
FARMERS OWN															33	33	33	33	33	33	33	33	33	33	0	0	0	0	0	0	330
ALMY															0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE															0	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	5	11	5	0	5	10	10	11	57
FALL RIVER															290	320	351	383	398	413	436	458	458	466	452	439	437	435	409	383	6529
McBEE															5	5	5	4	5	5	5	5	5	5	5	6	6	5	5	5	81
CHESTER															80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
SILKY															21	20	19	18	20	23	25	27	28	29	29	30	27	24	26	27	393
CURR															58	58	54	51	51	51	46	41	44	47	48	48	47	46	42	37	769
TOTAL SQUIRREL - CHESTER															487	436	463	489	507	525	545	564	573	591	539	523	522	520	442	463	8239

No Record

HENRYS FORK CANALS

DEWEY	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	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															8129
FARMERS FRIEND	252	0	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	0	140	151	151	150	148	152	157														1189
SALEM UNION	204	201	200	0	0	0	0	0	0	217	223	229	213	197	219	241															2144
TOTAL ASHTON - ST. ANTHONY	1138	639	683	529	514	498	514	529	526	880	902	914	889	862	887	990															11894
EGIN	351	349	364	378	386	393	404	415	421	427	410	393	344	396	394	393															6268
ST. ANTHONY UNION FEEDER	82	81	93	85	84	84	91	98	98	99	100	100	99	98	99	90															1466
INDEPENDENT	300	297	297	0	0	0	0	0	0	0	0	0	0	0	0	0															894
CONSOL. FARMERS	268	266	178	90	90	90	84	77	160	242	237	233	228	224	228	233															2928
TOTAL ST. ANTHONY - REXBURG	1001	993	922	553	560	567	579	590	679	768	747	726	721	718	716	716															11556

TETON RIVER CANALS

SIDDOWAY	6	6	7	8	9	5	0	0	0	6	12	12	12	12	13	13															120
WILFORD	76	72	68	68	68	58	48	55	62	62	63	65	67	66	66	65															1029
TETON IRRIGATION	27	30	33	42	50	42	35	51	68	65	62	64	66	66	65	65															832
GOOD LUCK	11	11	11	10	10	11	12	12	13	14	15	14	14	13	13	13															197
PIONEER	13	12	10	9	9	11	14	12	10	13	16	16	16	15	14	13															203
STEWART	11	10	8	9	10	12	13	13	13	13	13	12	11	11	11	10															180
PINLOCK - BYINGTON	9	6	4	6	8	8	9	9	8	8	9	9	9	9	8	8															127
PINLOCK - GARNER	15	13	11	8	9	10	11	10	10	10	10	10	10	10	10	10															167
TETON ISLAND FEEDER	155	138	121	98	98	116	133	178	224	233	242	230	219	213	207	216															2821
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															0
ROLAND	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
WOODMANSEE JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															0
CITY OF REXBURG	23	25	25	28	32	27	26	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	134	136															2110
McCORMICK - HOYLE	0	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															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	TOTAL FEET
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
HORNIGFELD	0	0	0	0	0	0	0	0	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	126	157	172	192	194	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	1434
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	82	108	126	157	172	192	194	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	1434
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	118	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	378	373	337	343	352	360	346	331	344	356	348	339	325	310	335	360	350	329	337	335	330	326	324	322	326	331	320	329	298	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	267
SILKEY	26	25	24	24	25	26	28	31	28	26	24	23	20	17	20	23	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	592	582	617	685	685	663	598	548	582	579	565	554	597	556	518	506	502	497	501	507	504	502	489	476	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	348
LAST CHANCE	40	40	40	40	40	40	43	46	58	69	66	63	60	56	56	57	59	61	58	55	54	52	43	35	38	40	29	18	18	19	19	1412
ST. ANTHONY UNION	483	452	451	450	451	452	444	427	426	425	464	452	424	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	94	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	139	138	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	243	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	891	894	955	1011	1022	1012	945	876	813	763	802	840	836	845	856	863	860	820	807	803	793	678	658	639	614	591	591	25860
EGIN	362	331	324	317	317	317	330	342	335	328	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	82	82	82	83	84	84	85	82	78	74	70	70	71	70	69	68	67	66	2623
INDEPENDENT	0	87	126	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	132	133	4257
CONSOLIDATED FARMERS	216	218	211	204	209	214	218	214	209	229	247	267	284	231	176	204	232	261	228	183	138	128	117	95	122	123	122	123	121	120	134	5815
TOTAL ST. ANTHONY - HEXBURG	694	731	756	779	786	797	814	841	819	822	830	839	817	721	658	677	719	802	782	711	668	659	638	606	640	648	636	625	611	604	610	22328

TETON RIVER CANALS

SIDDOWAY	15	13	11	11	12	13	14	13	12	11	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	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	2084
TETON IRRIGATION	66	63	60	60	59	67	75	83	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	12	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	234
PINCOCK - GARNER	10	10	10	10	10	12	13	13	13	12	11	10	12	15	15	11	15	15	13	13	0	14	15	16	9	9	9	9	9	9	9	331
TETON ISLAND FEEDER	224	233	242	236	230	244	262	296	290	263	256	216	196	176	155	165	175	197	214	215	207	191	175	163	157	138	125	117	109	115	121	6142
NORTH SALEM	0	0	0	0	0	0	0	0	0	22	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
HOXANA	0	0	0	0	0	0	0	0	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	9	9	10	10	10	11	12	11	10	13	14	15	14	14	13	12	11	10	10	10	10	240
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 HEXBURG	20	25	24	24	24	25	26	26	26	26	28	24	25	23	22	23	23	26	28	29	30	27	28	27	30	30	30	29	30	30	28	815
HEXBURG IRRIGATION	137	137	137	149	121	140	160	156	152	132	113	121	130	112	119	138	132	138	143	119	94	109	99	133	106	122	119	132	124	125	136	3943
McCOMMICK - 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	587	596	600	593	593	644	714	701	671	644	634	570	556	512	501	545	543	650	620	598	577	543	521	541	473	475	455	451	431	445	463	16503

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	31	
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
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	0
MARYSVILLE	0	0	0	0	0	82	82	103	103	103	0	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	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	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	0
ENTERPRISE	133	133	0	0	0	0	0	0	136	136	0	0	0	0	0	0	0	0	0	0	0	48	48	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	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	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	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	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	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		1055
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	425	412	398	408	417	393	369	388	408	390	372	384	397	408	419	414	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	120	114	106	78	78	0	0	0	0	130	141	152	158	163	158	152	154		2 742
TOTAL ASHTON - ST. ANTHONY	549	544	454	444	522	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	280	290	292	282	272	265	258	255	252	253	254	255	256	258	261	271	281	271	261	256	252	259	266	262	259	259	259	236	212	212		7807
ST ANTHONY UNION FEEDER	65	64	68	74	80	81	82	65	48	48	48	59	70	67	64	58	51	56	62	66	71	64	58	73	88	84	82	83	84	84		2049
INDEPENDENT	134	134	134	136	137	138	140	126	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	121	120	120	0	0	0	0	0	0	142	142		3270
TOTAL ST ANTHONY - REXBURG	610	619	644	664	658	651	638	595	603	644	472	609	605	562	541	517	543	590	593	538	484	493	372	389	408	389	384	367	482	482		16187

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	59	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	79	77	68	58	55	52	52	52	52	55	56	58	49	40	43	46	46	45	45	45	36	28	30	33	34	35	39	3		1474
GOOD LUCK	12	10	10	9	8	8	8	8	8	8	8	7	6	5	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	6	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	125	109	83	104	115	150	141	186	190	183	146	134	131	117	113	110	109	109	109	98	87	94	102	104	103	86	86		3624
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
ADLAND	10	10	11	12	11	10	12	15	16	16	13	10	9	8	8	8	8	8	8	4	8	8	3	3	3	2	2	2	2	2		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	27	29	28	29	34	27	25	29	29	27	23	20	15	14	25	26	26	24	27	24	33	26	24	24	25	25	25	25	25		544
REXBURG IRRIGATION	136	135	134	113	112	111	136	144	138	133	117	126	116	105	103	101	110	120	117	113	111	109	114	114	114	114	114	114	114	114		3552
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	444	393	445	476	494	545	518	498	471	450	433	410	417	437	424	411	403	399	393	371	382	394	393	371	352	241		12 846

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JULY 1934 PLATE NO. 15

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
HARRIS FLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYS VILLE	70	70	70	70	0	0	0	0	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 ABOVE SQUIRREL	70	70	70	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	20	20	20	0	0	0	1070
FARMERS OWN	30	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	13	13	13	13	13	0	0	0	500
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	0
ENTERPRISE	103	110	117	118	119	121	123	121	119	119	119	121	153	132	151	68	68	68	137	143	149	128	106	107	108	108	0	0	0	0	0	2451
BELL	0	0	0	0	0	0	4	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	104	329
FALL RIVER	0	0	0	0	138	192	245	209	173	183	193	179	165	200	235	238	241	235	229	191	185	185	185	185	185	0	0	0	0	0	0	4161
MCAFEE	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	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	0	0	0	0	1	6	7	9	11	8	4	4	0	0	8	8	8	8	8	0	0	0	0	0	5	5	4	4	0	108
CURA	29	29	29	28	27	35	29	32	29	29	28	29	29	29	29	31	29	26	22	26	29	29	29	29	28	37	29	29	29	28	27	867
TOTAL SQUIRREL - CHESTER	162	169	176	176	314	348	402	372	318	340	351	341	361	386	415	337	359	350	404	371	384	355	333	334	334	158	47	34	33	137	131	8736

HENRYS FORK CANALS

DUNEY	7	7	0	0	0	0	9	10	11	11	11	10	9	9	9	9	9	9	9	0	1	1	1	1	1	1	0	0	1	1	1	148
LAST CHANCE	46	42	0	0	0	0	35	36	38	42	45	44	42	43	44	43	42	41	0	9	9	9	9	9	9	0	0	9	9	9	9	673
ST. ANTHONY UNION	468	440	412	415	419	408	398	398	397	402	408	408	309	300	256	250	125	120	32	195	190	250	252	248	244	247	256	256	254	170	170	9883
FARMERS FRIEND	43	34	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	21	21	9	0	197
TWIN GROVES	0	0	0	0	0	0	68	68	68	68	68	68	68	68	68	68	68	52	0	0	0	0	0	0	0	0	0	0	0	20	20	910
SALEM UNION	0	0	0	0	0	0	0	0	108	110	112	115	118	119	120	122	124	0	0	0	0	0	0	0	0	0	0	0	0	114	114	1276
TOTAL ASHTON - ST. ANTHONY	564	523	436	439	419	408	510	512	622	633	644	645	546	539	497	492	366	222	41	204	200	260	262	258	254	256	258	280	285	303	314	12142
EGIN	210	205	200	230	241	258	254	252	251	256	261	264	268	290	293	298	304	309	311	310	241	241	241	254	268	264	263	263	263	270	271	8111
ST. ANTHONY UNION FEEDER	81	83	84	84	84	81	78	70	62	65	68	58	47	47	47	51	46	51	22	22	42	42	42	42	42	44	42	44	41	41	41	1716
INDEPENDENT	78	78	78	92	105	116	126	130	135	144	152	172	193	193	0	14	28	28	28	28	28	27	26	26	26	26	26	28	28	26	26	2311
CONSOLIDATED FARMERS	165	165	0	0	0	0	0	0	0	0	119	122	114	119	119	119	0	0	0	117	117	117	117	0	0	0	0	0	0	112	102	1729
TOTAL ST. ANTHONY - REXBURG	535	531	362	406	450	455	458	452	448	465	600	616	627	639	459	483	388	342	361	467	428	427	426	322	336	336	336	385	382	449	446	13867

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	0	0	0	5	13	14	14	8	8	0	0	0	0	5	0	0	0	0	0	0	0	8	10	13	13	0	0	117
WILFORD	0	0	0	0	0	0	0	0	0	12	12	12	12	12	14	12	12	12	11	10	10	0	0	0	0	0	15	15	15	15	15	314
TETON IRRIGATION	4	4	34	0	0	0	0	34	9	9	9	0	0	23	27	32	31	30	26	23	23	0	0	0	0	0	0	0	0	0	0	318
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	8	4	0	0	0	0	0	0	0	0	0	0	0	38
PIONEER	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	0	0	11	11	11	10	10	0	0	0	0	0	256
STEWART	8	9	9	8	8	8	8	8	8	8	8	9	8	8	8	8	8	7	9	9	8	8	8	8	8	7	6	6	5	5	5	240
PINCOCK - BYINGTON	7	7	7	6	6	7	6	6	6	7	7	7	7	7	7	7	6	1	6	7	6	0	0	0	0	0	0	0	0	0	0	133
PINCOCK - GARNER	10	10	10	10	10	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	205
TETON ISLAND FEEDER	57	49	49	49	71	84	80	66	82	98	108	117	119	121	108	94	72	51	51	51	60	240	260	0	0	0	0	0	0	0	0	3164
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	0
BOXANA	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
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	1	1	0	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	33	27	27	20	21	35	34	22	35	27	27	38	27	29	31	29	29	12	11	11	11	0	0	28	28	28	35	28	28	29	29	704
REXBURG IRRIGATION	114	119	131	129	158	142	134	105	114	122	121	130	118	117	112	108	99	118	124	116	132	0	0	138	140	142	130	124	124	124	124	3545
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	0
TOTAL	335	336	378	333	391	349	341	346	373	317	327	324	310	336	326	333	301	283	278	267	251	274	279	185	186	148	187	187	187	173	172	8085

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
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	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
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	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	120	1472
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	31	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	30
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	3	3	3	0	0	0	0	19
CURR	26	26	26	26	26	27	27	27	27	27	27	27	27	27	27	27	20	20	20	20	20	20	28	28	20	21	22	23	19	23	28	760
TOTAL SQUIRREL-CHESTER	150	214	217	219	155	150	216	248	236	227	227	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	0	0	0	0	52
LAST CHANCE	9	9	8	8	8	9	9	9	9	8	13	19	19	19	14	8	8	8	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	128	80	82	83	83	147	146	144	146	147	140	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	0	33	33	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	104	155	153	156	273	266	134	134	132	144	144	144	5027
EGIN	248	249	249	249	282	256	283	290	276	261	261	261	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	957
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	109	101	0	0	0	0	0	399
TOTAL ST. ANTHONY-REXBURG	442	345	347	349	352	356	350	343	332	319	411	319	316	312	310	270	270	270	270	318	147	149	155	153	261	154	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	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	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	23	23	60	23	0	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	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	8	7	7	6	8	8	8	8	8	8	8	8	8	8	0	0	0	8	8	8	8	4	8	8	230
PINCOCK-BYINGTON	4	4	6	6	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	6		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	117	191	242	242	0	0	0	0	0	0	236	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185	234		1770
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
HOYANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
REGINA 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	17	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	14	12	0	0	0		119
CITY OF REXBURG	0	37	0	0	0	37	37	23	18	25	25	25	0	0	19	19	22	22	22	20	16	25	0	0	21	22	23	23	23	0		480
REXBURG IRRIGATION	115	166	0	0	0	115	115	100	101	116	131	151	0	0	124	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	212	255	142	307	263	505	204	199	170	140	176	205	270	270	192	160	163	163	181	182	165	185	165	187	169	170	159	154	169	213	264	6324

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

PAGE [illegible]

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	10	20	34	34	34	34	317
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	10	20	34	34	34	34	317
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	0	110	112	114	115	115	114	33	33	33	33	33	33	33	33	33	1723
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	70	76	76	76	76	76	1555
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	29	28	28	28	28	27	26	26	26	27	28	29	29	29	25	25	25	26	27	27	747
TOTAL SQUIRREL - CHESTER	243	226	211	224	227	98	98	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	3	3	4	4	4	65
LAST CHANCE	0	0	2	2	3	3	3	3	3	3	3	3	3	3	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	366
TWIN GROVES	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	12	12	8	4	4	4	4	5	5	5	5	5	142
SALEM UNION	0	14	22	22	22	22	22	22	23	23	23	23	23	113	113	23	23	24	24	23	23	23	23	23	23	23	23	23	32	32	862
TOTAL ASHTON - ST. ANTHONY	129	167	140	140	141	142	142	143	146	158	171	171	261	261	131	168	166	174	173	170	169	165	165	161	162	161	162	162	209	208	5054
EGIN	81	78	76	91	106	103	100	119	130	118	98	96	95	45	95	96	97	99	97	100	102	105	108	112	103	94	96	99	99	99	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	15	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	127	141	155	151	148	161	199	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	18	17	17	0	0	144
WILFORD	0	19	19	36	37	16	16	0	0	0	0	0	0	0	10	23	26	29	32	35	38	41	44	48	52	56	60	63	63	63	884
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	6	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	238
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	0	0	11	11	88
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	1	2	2	2	32
TETON ISLAND FEEDER	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	202	160	154	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG	0	26	26	27	27	27	27	26	25	24	0	21	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
REXBURG IRRIGATION	0	116	109	108	108	106	108	113	114	114	124	101	105	108	0	0	0	95	95	101	105	105	113	121	127	117	88	76	63	63	2713
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	263	194	177	193	191	181	183	168	168	200	187	157	157	170	265	317	323	283	207	204	175	178	190	221	260	268	259	270	283	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				4	
26	18678	22	14	36	0
27	18678	55	14	69	1
28	18578	48	14	62	1
29	18478	48	14	62	1
30	18378	48	14	62	1
31	18278	48	13	61	1
JUN. 1	18178	48	13	61	1
2	18078	49	13	62	1
3	17978	50	13	63	1
4	17878	49	12	61	1
5	17778	104	12	116	2
6	17678	167	12	179	2
7	17577	165	10	175	2
8	16927	204	10	214	3
9	16530	176	10	186	3
10	16355	49	10	59	1
11	16041	11	10	21	0
12	16061	12	9	21	0
13	16014	12	9	21	0
14	16014	12	9	21	0
15	15968	12	9	21	1
16	15968	12	9	21	0
17	15921	13	8	21	0
18	15874	13	8	21	0
19	15874	13	8	21	0
20	15874	13	8	21	0
21	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
JUN. 1	47	654	701	0
2	48	693	741	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	745	756	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	861	856	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	942	-34	625	591	81	469	550				81
31	46	890	936	-34	625	591	80	449	529	0			80
JUN. 1	47	902	949	-165	709	544	212	324	536	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	574	644	53
4	48	914	962	-78	522	444	126	480	606	92	572	664	34
5	48	982	1030	-81	603	522	129	477	606	89	569	658	40
6	101	949	1050	-78	587	509	179	411	590	87	564	651	92
7	164	1036	1200	-18	592	574	182	457	639	78	560	638	164
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	-59	1094	1035	231	243	474	0	644	644	231
11	48	940	988	-66	488	422	114	387	501	0	472	472	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	57	531	590	-112
19	13	910	923	-4	430	426	17	526	543	50	543	593	-33
20	13	1027	1040	6	425	431	7	632	639	47	497	538	-34
21	12	963	975	17	419	436	-5	575	570	40	454	494	-45
22	12	998	1010	59	378	437	-47	629	582	40	453	493	-87

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

DA	DIVERSIONS V ST. ANTHONY		STORED BALANCE BELOW DIVERSIONS
	NORM	TOTAL	
			13
			-7
			-14
			-20
			-8
			5
			-17
			-38
			-30
			-21
			2
			24
			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		53
577	664		34
569	658		40
564	651		92
560	638		104
526	595		129
403	603		224
644	644		231
472	472		114
609	609		61
580	605		-63
545	562		-48
541	541		-25
517	517		-23
521	543		-22
521	590		-112
543	592		-33
497	538		-34
434	494		-45
453	493		-87

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO WARM RIVER
		STOR.	NORM.	TOTAL	
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	142	6	148	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	1
3	2098	33	4	37	0
4	2062	31	4	35	1
5	1989	33	4	37	0
6	1917	34	4	38	1
7	1880	27	4	31	0
8	1808	25	4	29	1
9	1771	25	4	29	0

DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON
	STOR.	NORM.	TOTAL	
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			DIVERSIONS TO ST. ANTHONY	
	STOR.	NORM.	TOTAL	STOR.	NORM.
JUN. 23	95	945	1040	247	332
24	126	915	1040	141	431
25	121	879	1000	152	421
26	121	999	1120	158	434
27	175	935	1110	209	453
28	206	884	1090	203	432
29	201	774	975	196	447
30	112	876	988	196	447
JUL. 1	88	912	1000	249	395
2	105	895	1000	252	371
3	126	874	1000	217	283
4	127	861	988	218	232
5	124	886	1010	287	132
6	135	875	1010	313	95
7	142	868	1010	471	39
8	143	857	1000	440	78
9	159	841	1000	513	109
10	160	920	1080	531	102
11	228	862	1090	548	96
12	268	822	1090	535	118
13	277	813	1090	560	-6
14	275	755	1030	586	-47
15	223	752	975	618	-121
16	143	947	1090	539	-47
17	219	871	1090	551	-185
18	272	808	1080	414	-191
19	241	829	1090	384	-94
20	249	831	1080	568	-348
21	234	816	1050	593	-391
22	222	818	1040	564	-304
23	191	849	1040	314	-48
24	159	841	1000	310	-53
25	137	863	1000	446	-198
26	121	867	988	126	138
27	146	842	988	170	88
28	118	844	962	279	1
29	87	811	898	279	6
30	76	834	910	352	-99
31	72	838	910	338	-28
AUG. 1	66	844	910	244	-47
2	57	853	910	307	-74
3	57	853	910	311	-74
4	54	832	886	315	-129
5	39	847	886	221	-47
6	33	890	923	134	-9
7	30	844	874	270	-123
8	33	841	874	304	-143
9	33	841	874	242	-103
10	26	860	886	208	-78
11	24	886	910	213	-78
12	25	885	910	135	-14

DIVERSIONS ASHTON TO ST. ANTHONY		HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. A	
TOTAL		STOR.	NORM.	TOTAL	STOR.	NORM.
579		-157	766	614	0	332
579		-16	788	772	0	431
573		-31	870	839	0	421
597		-37	895	858	0	434
467		-34	854	820	0	453
435		3	798	801	0	432
693		5	742	747	186	261
692		-84	867	783	191	296
548		-161	917	756	194	339
523		-147	858	711	243	283
434		-91	847	756	78	288
439		-91	874	783	156	253
419		-163	955	792	165	288
408		-178	925	747	180	271
510		-329	951	622	190	246
512		-297	855	558	194	253
622		-258	920	662	149	294
633		-371	953	582	208	233
696		-330	894	564	335	246
685		-267	841	574	258	233
596		-271	879	608	376	232
559		-311	869	558	376	264
987		-398	917	519	219	294
992		-396	1002	606	233	253
744		-339	1123	801	128	264
722		-142	1134	992	128	274
941		-183	1233	1050	129	274
1004		-719	1349	1030	265	224
1006		-359	1321	962	245	184
946		-342	1314	972	245	184
962		-119	1024	905	293	154
958		-152	1019	867	126	194
1054		-305	1176	867	121	214
1026		-5	910	905	126	234
1038		-24	1005	981	126	234
1080		-141	1171	1030	178	204
1085		-192	1173	981	178	204
1303		-276	1190	914	335	234
1314		-246	1142	896	228	234
1201		-278	1036	858	324	234
1201		-250	1164	914	126	234
1182		-259	1158	905	128	214
1184		-261	1152	896	130	234
1154		-182	1192	1010	130	224
1125		-101	1171	1070	130	224
1143		-260	1280	1040	130	234
1167		-271	1157	886	129	214
1179		-209	1165	896	130	204
1238		-182	1078	896	91	224
1243		-189	1085	896	80	234
1249		-110	986	876		

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	662	-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	434	-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	194	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	546	-275	879	604	376	251	627	-649
2	539	-311	869	558	376	263	639	-687
3	497	-395	917	522	219	240	459	-614
4	492	-396	1002	606	233	250	483	-629
5	346	-332	1133	801	128	260	388	-460
6	222	-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	260	-342	1314	972	244	183	427	-586
11	262	-119	1024	905	243	183	426	-362
12	258	-152	1019	867	126	196	322	-278
13	254	-309	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	-339
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	201	-178	1036	858	224	218	442	-402
21	201	-250	1164	914	126	219	345	-376
22	182	-254	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	125	-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	-209	1105	896	130	202	332	-339
29	138	-182	1078	896	91	228	319	-273
30			1085	896	91	320	411	-280

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	440	467	0	AUG. 12	27	871	898	32
11	1662	24	4	28	1	13	23	439	462	0	14	23	863	886	32
12	1626	25	4	29	0	14	25	431	456	0	15	25	861	886	32
13	1554	19	4	23	0	15	19	437	456	0	16	19	867	886	257
14	1518	19	4	23	1	16	18	432	450	0	17	18	868	886	146
15	1481	19	4	23	0	17	19	431	450	0	18	18	892	910	140
16	1445	20	3	23	0	18	20	430	450	0	19	20	890	910	132
17	1409	18	3	21	1	19	17	433	450	1	20	17	893	910	139
18	1372	27	3	30	0	20	27	423	450	0	21	27	883	910	24
19	1300	20	3	23	0	21	20	430	450	0	22	20	890	910	24
20	1264	15	3	18	1	22	14	436	450	0	23	14	884	898	25
21	1228	27	3	30	0	23	27	423	450	0	24	27	871	898	108
22	1191	23	3	26	0	24	23	427	450	0	25	23	875	898	108
23	1155	17	3	20	1	25	16	434	450	0	26	16	882	898	3
24	1119	18	3	21	0	26	18	432	450	0	27	18	880	898	3
25	1082	9	3	12	0	27	9	436	445	0	28	9	889	898	2
26	1046	9	3	12	0	28	9	436	445	0	29	9	889	898	12
27	1046	8	3	11	0	29	8	437	445	0	30	8	890	898	12
28	1010	6	3	9	0	30	6	439	445	1	31	5	893	898	42
29	1010	8	3	11	1	31	7	443	450	0	SEP. 1	7	879	886	123
30	1010	15	3	18	0	SEP. 1	15	430	445	0	2	15	859	874	121
31	974	12	3	15	0	2	12	428	440	0	3	12	838	850	107
SEP. 1	938	14	2	16	0	3	14	426	440	0	4	14	848	862	118
2	901	58	2	60	1	4	57	388	445	0	5	57	805	862	129
3	792	15	2	17	0	5	15	430	445	0	6	15	835	850	81
4	756	7	2	9	0	6	7	438	445	0	7	7	843	850	82
5	756	13	2	15	0	7	13	437	450	0	8	13	861	874	82
6	720	12	2	14	0	8	12	444	456	0	9	12	862	874	82
7	720	11	2	13	0	9	11	434	445	0	10	11	839	850	82
8	684	26	2	28	1	10	25	415	440	1	11	24	826	850	79
9	648	18	2	20	0	11	18	427	445	0	12	18	820	838	51
10	611	7	2	9	0	12	7	433	440	0	13	7	819	826	94
11	575	6	2	8	0	13	6	428	434	0	14	6	832	838	94
12	575	5	2	7	0	14	5	429	434	0	15	5	821	826	8
13	575	4	2	6	0	15	4	436	440	0	16	4	810	814	4
14	539	38	2	40	1	16	37	408	445	0	17	37	789	826	4
15	460	9	2	11	0	17	9	436	445	0	18	9	829	838	12
16	460	6	2	8	0	18	6	434	440	1	19	5	833	838	12
17	460	3	2	5	0	19	3	437	440	0	20	3	835	838	0
18	427	6	2	8	0	20	6	434	440	0	21	6	820	826	0
19	427	50	2	52	1	21	49	413	462	0	22	49	801	850	3
20	321	26	2	28	0	22	26	436	462	0	23	26	848	874	3
21	285	3	2	5	0	23	3	486	489	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	469	484	0	26	15	823	838	77
24	249	4	2	6	0	26	4	480	484	0	27	4	834	838	77
25	212	6	2	8	1	27	5	473	478	0	28	5	821	826	78
26	212	7	2	9	0	28	7	471	478	0	29	7	771	778	89
27	212	8	2	10	0	29	8	476	484	0	30	8	759	767	68
28	176	16	2	18	0	30	16	456	472	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 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
[illegible]	1697	27	4	31	0	AUG. 12	27	640	667	0	AUG. 13	27	871	898	32	127	159	-5	919	914	84	232	316	-89
11	1662	24	4	28	1	13	23	639	662	0	14	23	863	886	32	127	159	-9	923	914	82	230	312	-91
12	1626	25	4	29	0	14	25	631	656	0	15	25	861	886	22	127	149	3	949	952	76	234	310	-73
13	1594	19	4	23	0	15	19	637	656	0	16	19	867	886	257	-38	219	-238	1190	952	56	214	270	-294
14	1518	19	4	23	1	16	18	632	650	0	17	18	868	886	146	-13	135	-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	1197	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	121	46	167	-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	167	261	-87	1048	961	-100	251	151	13
11	575	6	2	8	0	13	6	628	634	0	14	6	832	838	94	167	261	-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	937	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	145	46	878	924	-70	241	171	116
20	371	26	2	28	0	22	26	636	662	0	23	26	848	874	3	140	143	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	249	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	672	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	9259																						

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	SNAKE JACKSON LAKE DIVERSIONS ABOVE FORK AND TETON
	JT.	JT.	JT.	JT.	JT.	JT.	JT.	JT. TH.	JT. TH.	JT.	JT.	JT. TH.	JT. TH.	JT. TH.	JT. TH.	JT. TH.	JT. TH.	
MAR 31			110	120	-123	-138		118					-165					
APR 1			124	120	-117	-134		118					-120					
2			122	118	-108	-136		119					-75					
3			120	118	-100	-138		120					-78					
4			122	118	-114	-134		118					-81					
5			124	118	-129	-130		118					-78					
6			133	118	-116	-131		118					-76					
7			142	118	-104	-125		118					-88	38				
8			142	118	-112	-110		118					-88	52				
9			142	118	-121	-121		118					-89	65				
10			133	118	-135	-100		118					-114	55				
11			134	118	-130	-110		118					-110	44				
12			118	118	-134	-125		118					-94	44				
13			118	118	-136	-142		118					-77	127				
14			120	120	-138	-131		118					-77	120				
15			118	118	-134	-130		118					-77	114				
16			116	116	-129	-129		118					-72	106				
17			118	118	-130	-131		118					-96	78				
18			120	120	-131	-142		120					-72	78				
19			120	120	-142	-154		120					-96	78				
20			120	120	-154	-165		120					-94					
JUNE 1													-165					
2													-120					
3													-75					
4													-78					
5													-81					
6													-78					
7													-76	38				
8													-88	52				
9													-89	65				
10													-114	55				
11													-110	44				
12													-94	44				
13													-77					
14													-77					
15													-72					
16													-96					
17													-72					
18													-77					
19													-88					
20													-100					
21													-88					
22													-58					
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
JULY 1			103															
2	30	30	110															
3	30	30	117															
4	30	30	118															

CANALS 1934

HENRYS FORT TO HENRYS LAKE

HENRYS FORK CANALS 1934

PLATE NO 22

Total Sec. Ft.	1207	434	8438	100	597	60	125	104	1397	1807	622	192	888	1399	2215	15301	4234	0	612	227	2450	1452	1840	1679	9902	16980
Total A.F.	2292	860	16720	198	1085	119	248	206	2774	3580	1233	380	1762	2773	4390	30323	8397	0	1233	450	4859	2880	3696	3330	9738	33653
[illegible]	2580	927	18041	214	1170	128	267	222	2831	3862	1258	410	1900	2993	4477	32714	8566	0	1258	485	4958	3103	3720	3588	9936	34302
[illegible]	2580	927	18041	214	1170	128	267	222	2831	3862	1258	410	1900	2993	4477	32714	8566	0	1258	485	4958	3103	3720	3588	9936	34302
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		(i)		(k)	(l)	(m)						(h)		(n)			

(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. I.T.S.) 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.

JACKSON LAKE at MORAN, Wyo.

for the year ending September 30, 19 36

Plate No. 7-5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	204940	215200	232650	251930	276590	299300	328690	348600	417970	367460	151910	42150
2	205750	216000	233040	253170	279420	300360	328860	347950	416390	360000	145010	40040
3	206550	216810	233450	254200	280050	301650	330370	346870	415040	351230	138570	36700
4	207360	217410	233960	255650	280890	302480	331460	347300	413690	343610	131400	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	283820	304390	335800	354960	418640	319130	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	293990	100350	27280
12	210570	220630	237530	262060	286150	306500	342310	354520	431500	285090	94120	24500
13	210570	221230	237940	262680	286570	306730	344000	353860	434430	275650	89170	21890
14	210570	222250	238550	263500	287000	307380	345170	352110	436460	265600	85000	20150
15	210370	223250	238950	264550	287420	307810	346920	351690	438500	256680	80850	18410
16	210370	224070	239360	265600	287840	308450	350570	356500	439040	248410	77420	16850
17	210170	225090	239970	266650	288270	308880	349480	363070	435780	240790	74160	15300
18	210170	225900	240380	267480	288690	309310	349920	369870	430820	233650	71640	13760
19	209970	226510	240990	268530	289330	309950	350570	376950	424730	226110	69120	12550
20	209970	227330	241610	269580	289960	301600	351010	383380	420670	219820	66440	11180
21	209770	227940	242420	270420	290810	312100	350570	389580	417520	213590	63590	9650
22	209570	228550	243660	271460	291660	313170	350570	395140	414690	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	195600	55570	9970
25	210370	230190	246340	274190	294840	315750	348820	409690	401400	191040	53610	9290
26	210770	230590	247170	275230	295900	316180	351890	414140	396920	186490	51480	8600
27	210960	231000	248000	276280	296960	316820	350690	417290	392010	181360	49020	7740
28	211360	231410	248830	276700	298202	319390	349920	420450	386700	176480	47260	6880
29	212190	231820	249450	277330		321110	348390	422480	380500	171220	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													

Year

Mean

Acre-Feet

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

...for the water years beginning October 1 in each year

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	28	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	680
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	23.9	18.8	18.0	17.9	26.9	1480	2220	2230	4310	2200	686
Acre-Feet	10,900	1,420	1,160	1,110	994	1,650	88,100	136,000	133,000	265,000	135,900	58,700

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 24.

Plate No. 7.5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3070	2650	2220	2280	2030	1990	3850	8980	8760	7250	5980	3200
2	2940	2620	2180	2280	2040	1960	3570	9010	8460	7250	5560	3100
3	2880	2620	2140	2280	2040	2050	3260	8960	7570	7640	5940	3070
4	2850	2650	2170	2280	2040	2090	3050	8820	7160	7590	5610	3460
5	2830	2600	2170	2280	2040	2040	2940	9160	6960	7850	6020	3100
6	2810	2460	2040	2140	2050	2060	2850	10100	6850	7590	5430	2910
7	2790	2500	2170	2010	2030	2090	2850	11500	6400	6820	4860	2700
8	2760	2560	2190	1980	2030	2080	2010	12600	5860	6680	4490	2510
9	2740	2650	2160	2020	2040	2040	3540	13400	5460	7080	4590	2540
10	2830	2670	2190	2050	2040	2050	3590	13000	5040	7360	4540	2510
11	3070	2650	2210	2090	1950	2050	3830	11800	4540	7890	4560	2620
12	3090	2670	2210	2150	1920	2090	4200	11500	4350	7800	4960	2900
13	3090	2650		2170	1950	2050	4450	11800	4380	7680	5380	3050
14	3090	2620		2170	1960	2020	4620	10600	4380	7920	4720	2990
15	3070	2580	2150	2170	1960	2170	5090	9850	4320	8100	4250	2920
16	3050	2560		2110	1960	2320	5510	9160	4320	7630	4590	2850
17	3030	2580		1950	2010	2460	5670	7830	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	[illegible]	2550	2190	2080	1980	2290	6100	7600	8160	6910	3440	2580
21	2960	2590	2220	2060	2010	2450	6870	7630	6790	6450	3610	2550
22	2940	2650	2240	2060	2010	2580	7800	7420	6870	6540	3610	2480
23	2920	2480	2180	2140	2030	2700	8560	7220	6150	6540	3590	2740
24	2870	2580	2220	2220	2010	2670	9070	7190	6510	6290	3680	2990
25	2790	2560	2290	2140	2030	2620	9250	7310	7020	5990	3460	2880
26	2650	2540	2290	2060	2030	2530	9380	7220	7220	5460	3140	2760
27	2620	2560	2310	2060	2000	2530	8610	7540	7060	5510	3200	2700
28	2620	2580	2240	2090	1980	2900	8560	7490	6930	5380	3560	2620
29	2620	2580	2160	2060	----	3700	8640	7280	6870	5070	3500	2600
30	2800	2560	2170	2010		4040	8820	7660	7280	5290	3220	2560
31	2820		2280	2000		3999		8570		5720	3200	
Mean	2870	2585	2190	2110	2000	2420	5620	9110	6480	6850	4310	2790
Acre-Feet	176,000	153,000	135,000	130,000	111,000	149,000	334,000	560,000	382,000	421,000	256,000	166,000

Year Mean 4,180

Acre-Feet 2,980,000

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

For the year ending September 30, 1916.

Plate No. 14

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2000	930	2510	2780	2510	1350	1860	3190	3290	2050	1760	1000
2	1480	890	2560	2780	2510	1510	1850	3670	3550	2060	1970	948
3	1190	1000	2400	2760	2280	1510	1760	3550	3090	1980	1980	906
4	1150	1580	2450	2780	2300	1880	1440	3510	2850	2130	2850	718
5	971	1470	2560	2760	2280	1570	1520	3440	2760	2650	4300	666
6	795	1910	2550	2650	2250	1390	1050	3560	2640	2800	2150	1020
7	708	2020	2600	2360	2240	1550	860	4140	2830	2580	2220	1390
8	710	2250	2700	1990	2240	1320	808	4330	3170	2050	1960	1370
9	718	2470	2700	1990	2250	1350	680	5640	3110	1940	1600	1450
10	727	2530	2650	2140	2190	1200	716	6310	3480	1780	1470	1310
11	736	2580	2680	1970	2160	1800	900	5760	3040	1940	1660	1050
12	978	2730	2600	2450	2080	1160	912	4960	2680	2290	1750	1070
13	1060	2800	2670	2370	1980	1130	755	4550	2590	2360	1780	1160
14	1140	2760	2720	2110	1900	1100	795	4420	2650	2520	2080	1890
15	1160	2680	2760	2200	1870	1250	795	5640	2660	2530	2220	1010
16	1160	2560	2630	2600	1880	1560	950	2850	2050	2700	1790	882
17	1090	2550	2300	2650	1810	1540	1090	2700	1580	2730	1730	900
18	1070	2530	2550	2630	1700	1450	1180	2440	1670	2700	1470	954
19	1020	2560	2500	2560	1700	1300	1210	2400	1500	2730	978	790
20	1040	2560	2720	2820	1650	1480	1090	2640	2120	2470	1040	720
21	1150	2560	2760	2600	1650	1560	795	2660	2590	2270	1140	954
22	1110	2560	2850	2480	1570	1630	1080	2350	1970	2220	1200	1250
23	1260	2530	2660	2500	1580	1710	2170	2200	1750	2340	1040	1180
24	1290	2480	2910	2550	1540	1670	2600	1940	1400	2470	1080	1240
25	1200	2470	2650	2600	1500	1670	2730	2050	1750	2350	1150	1370
26	1100	2370	2680	2510	1500	1780	2910	2230	2240	1840	1270	1440
27	1030	2360	2650	2400	1450	1450	3230	2360	2510	1750	1890	1430
28	896	2280	2630	2390	1400	1170	3040	2750	2470	1810	1160	1410
29	840	2300	2560	2370	----	1080	2980	2710	2240	1830	948	1380
30	971	2320	2580	2340		1440	3040	2750	2080	1850	990	1380
31	825		2600	2310		1900		3090		1630	1040	

Mean	1050	2250	2600	2470	1910	1400	1560	3380	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	351	257	253	255	0				
2	58	80	239	336	253	253	232	1				
3	67	95	243	327	261	240	230	1				
4	87	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	40	285	260	250	284	253	130	0				
8	44	293	264	220	282	260	113	0				
9	41	195	262	176	281	260	60	0				
10	38	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	83	0	0				
21	103	159	276	291	271	89	0	0				
22	178	198	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	262	148	0	0				
26	95	140	316	313	260	167	0	0				
27	83	169	316	312	262	149	0	0				
28	67	226	315	295	255	167	0	0				
29	85	259	314	278	---	178	0	0				
30	68	251	319	262		186	0	0				
31	77		325	260		217		0				

Day June to Sept., incl.

Mean	60.6	166	273	273	271	188	57.5	0.77	0	0	0	0	0
Acre-feet	3720	9880	16800	16800	15100	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	1090	161	730	141	295	149
5	212	582	2280	2730	2290	1260	772	149	702	141	424	144
6	201	912	2400	2650	2220	1330	588	144	653	171	530	139
7	195	1280	2680	2470	2230	1300	388	147	864	424	241	141
8	209	1450	2600	2030	2180	1250	299	179	1380	281	191	147
9	223	1640	2870	1700	2200	1230	237	884	1900	179	179	147
10	241	1780	2680	1730	2200	1230	149	1640	1580	134	178	149
11	225	1800	2670	1650	2170	1210	169	2080	1360	124	147	141
12	230	1820	2630	1740	2110	1140	175	1380	772	124	178	141
13	237	1840	2730	2180	2050	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	233	147
16	257	1800	2920	2490	1860	1180	136	273	808	189	369	141
17	269	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	152	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	474	230	136
22	399	1910	2850	2630	1570	1220	124	163	599	468	253	139
23	424	1930	2880	2600	1480	1270	124	158	179	531	249	141
24	509	1670	2700	2540	1520	1240	127	155	144	458	195	149
25	463	1900	2900	2470	1480	1250	127	144	158	480	153	144
26	409	1820	2820	2730	1460	1260	127	147	139	326	153	136
27	340	1790	2760	2490	1430	1260	131	147	172	149	155	139
28	269	1730	2750	2400	1380	996	134	152	430	154	155	172
29	233	1730	2680	2340		872	131	158	436	219	158	161
30	226	1760	2650	2340		832	136	161	241	249	158	152
31	237		2620	2290		1180		155		241	155	

Mean	302	1510	2370	2410	1900	1190	550	595	603	261	222	147
Acre-feet	18,600	89,800	152,000	148,000	106,000	73,800	19,600	34,200	35,900	16,000	13,600	8,750

Year Mean 985

Acre-Feet 718,000

AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDAHO.

For the year ending September 30, 1936.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	248450	295590	427560	661730	873180	1042300	1137230	1020440	731260	554100	249900	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	300640	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	465290	705220	912680	1070030	1143680	969760	678330	496870	209730	55740
8	262650	307080	471980	712050	918750	1075680	1141840	958910	677000	490510	198350	53190
9	265760	310530	476890	717920	925680	1081290	1140450	950150	675340	480000	187650	50530
10	268710	314200	486640	722850	931690	1086700	1139530	943050	673020	468670	178830	48490
11	270440	318140	494660	726540	938560	1091210	1138610	936140	671360	458440	170770	46240
12	271520	320990	501140	734420	945140	1095720	1135840	931290	669700	447130	165680	44710
13	273510	324310	510260	740040	951820	1100230	1133080	921980	666380	436760	162360	42460
14	275070	327160	517380	745300	958070	1104690	1129850	911870	663390	426610	156790	41720
15	277520	330480	526820	751630	963920	1108350	1125700	901360	660070	413440	153080	40340
16	277520	333330	533270	758640	969760	1111500	1120630	889200	656420	405690	147640	38230
17	281530	340210	548950	766060	974770	1117860	1117860	877830	654450	392410	145240	36020
18	282410	347760	550290	773270	981030	1122480	1114660	865670	649780	381850	134030	33650
19	283530	354110	556810	780180	986960	1126620	1111080	852990	644260	374100	125700	31810
20	281520	356500	564380	783360	992970	1128470	1106540	838510	641660	366840	117950	30750
21	284190	364850	571950	789190	998120	1131230	1102030	830610	635680	358500	111690	30670
22	285750	371340	579520	796610	1004130	1134460	1095720	819950	630410	351180	107490	28960
23	286840	378350	585910	804390	1011430	1139070	1088060	809950	624280	344580	102680	28650
24	288420	384560	592100	811430	1014430	1139070	1079490	797720	612790	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	291320	403950	623320	836230	1031730	1137230	1056820	771100	581640	302480	79610	29040
28	291980	408560	631700	844610	1037010	1136150	1048900	764850	569520	291320	75380	29280
29	293100	415740	638460	852230		1136770	1041420	756680	564080	279520	71580	30920
30	293540	421260	646190	857950		1138610	1030850	748460	557720	267620	69620	32300
31	293780		655090	865670		1136310		742840		254430	67660	

Year ____ Mean ____

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	5830	4910	3190
3	2320	2780	1650	1570	1470	1380	3610	7000	8670	5830	4880	3180
4	2320	2740	1650	1540	1470	1390	3290	6960	8040	6460	5330	3120
5	2320	2740	1710	1740	1470	1380	2450	6840	7150	7960	5830	3070
6	2320	2770	1740	1710	1490	1380	2240	6920	6130	7920	7880	3300
7	2330	2770	1700	1680	1450	1370	2700	6880	5690	7880	8630	3300
8	181	2770	1700	1670	1480	1390	3030	7230	5540	7880	8290	3950
9	2330	2790	1720	1680	1480	1350	3370	7470	5160	7830	7960	3710
10	2330	2810	1720	1630	1460	1350	3840	7670	5020	7830	7430	3780
11	2350	3380	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	4380	3500
14	1600	3360	1370	1610	1580	1360	3930	8420	4680	8370	4680	3250
15	1630	3320	1400	1610	1550	1370	4110	8420	4680	8330	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	2730	1580	1560	1620	1400	1810	4610	8250	4550	6610	6260	3050
21	2700	1980	1550	1680	1350	1910	5650	8210	4550	6560	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	6740	3560	2840
25	2720	1580	1610	1480	1350	3470	6460	8040	7960	6290	5940	2530
26	2700	1580	1600	1490	1370	3450	6430	6880	7960	8120	5560	2490
27	2720	1600	1530	1500	1370	3030	6500	6240	7850	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	2325	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 3,830

Acre-Feet 2,780,000

LAKE WALCOTT NEAR MINIDOKA, IDAHO

(For the year ending September 30, 1930)

(Water Year)

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	48830	72940	68860	71610	69410	97110	95430	97960	39650	30320	25120
6	72720	51280	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	34680	34980	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	75200	31150	30210	22180
17	36230	73500	72050	71060	71170	74970	95430	94250	70510	31040	29390	21170
18	34680	73840	71390	71170	71390	75420	95670	94490	64360	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	71390	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	37690	32290	33320	13890
27	32700	73170	71060	71830	70950	80610	95550	95180	38920	31870	32700	12110
28	34980	72050	70950	71830	70620	81740	94720	94640	39340	30420	31460	10720
29	37680	73170	70510	71830	----	82190	94720	94250	40590	29900	31150	10550
30	38510	72940	70950	70950		84700	94840	92740	40590	30940	30730	11220
31	39550		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, 1924.

Plate 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	239				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	454	545	634	453
4	361						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	55
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	761	373	634	568	0
16	432						0	787	397	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						92	754	679	673	606	0
22	387						335	736	698	608	555	0
23	304						399	682	700	580	478	0
24	285						507	663	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 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	2540	1460	1750	1550	1600	1590	2160	5410	6350	4450	4610	3480
3	2420	1240	1620	1560	1570	1590	1940	5260	6570	4660	4730	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	4700	3030
6	2750	1220	1630	1630	1570	1330	1830	5820	6520	6910	6850	3160
7	2920	1200	1630	1590	1570	1360	2660	5870	6160	6910	7250	3290
8	2180	1220	1630	1630	1610	1340	3360	5970	6080	6600	7140	3440
9	2920	1210	1630	1660	1660	1350	3030	6110	5890	6140	6990	3320
10	2980	1210	1600	1630	1620	1330	2980	6190	5310	6380	6680	3070
11	2920	1420	1630	1590	1580	1280	2870	6140	4730	6540	5380	3030
12	2760	1620	1670	1630	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	3230	6000	6220	6430	5020	3640
16	2960	1400	1710	1610	1580	1290	3180	5790	6430	6430	5160	4300
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	1550	1630	1640	1620	1480	3900	6220	6240	4940	5180	3300
21	2190	1360	1620	1610	1620	1870	4500	6150	6060	5140	5060	3560
22	2030	1380	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	6390	6600	5240	3270
25	2030	1310	1580	1660	1620	2920	4520	6220	6410	6430	6030	3340
26	2000	1320	1560	1650	1620	2990	4520	5210	6580	6600	5710	3190
27	1830	1310	1590	1600	1620	2750	4780	4430	6190	6680	4590	2980
28	1060	1380	1620	1590	1620	2430	4800	4430	4990	6520	4540	2540
29	1050	1390	1580	1630		2430	4920	4430	4410	6490	3780	2050
30	1910	1350	1570	1640		2430	5380	4430	4380	6350	3580	1900
31	1610		1520	1600		2540		4590		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

-Feet 2,410,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.19	8.88	7.45	7.46	7.66	7.48	9.69	9.90	9.57	9.54	9.79	9.56
2	10.08	8.90	7.59	7.65	7.66	7.27	9.56	9.94	9.52	9.48	9.80	9.76
3	10.56	8.41	7.51	7.58	7.68	7.44	9.94	9.78	9.53	9.46	9.60	9.84
4	10.54	9.10	7.85	7.58	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	9.54	9.54	9.78
6	10.38	9.42	7.48	7.57	7.54	7.17	9.58	9.86	9.72	9.63	9.56	9.64
7	10.42	9.44	7.40	7.59	7.56	7.20	9.50	9.80	9.52	9.56	9.64	9.53
8	10.42	9.45	7.48	7.61	7.58	7.24	9.86	9.70	9.69	9.79	9.80	9.34
9	10.38	9.41	7.39	7.60	7.45	7.34	10.08	9.82	10.15	9.85	9.90	9.68
10	10.41	9.42	7.55	7.54	7.57	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	9.67	9.90	9.64
12	10.54	9.20	7.54	7.55	7.58	8.02	10.18	9.85	9.89	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	9.60	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	7.62	7.58	8.26	9.66	9.90	9.08	9.40	9.46	9.47
17	10.53	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	7.95	7.63	7.66	8.80	10.02	9.80	9.38	9.12	9.52	9.45
19	10.26	8.48	7.52	7.66	7.64	8.40	10.06	9.81	9.47	9.14	9.60	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	7.62	7.55	7.90	10.10	9.87	9.56	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	9.17	7.28	7.55	7.50	7.48	8.72	9.82	9.76	9.60	9.69	9.69	9.72
25	8.90	7.28	7.48	7.60	7.58	9.06	9.68	9.79	9.38	9.66	9.76	9.62
26	9.06	7.35	7.58	7.58	7.60	9.48	9.58	9.82	9.45	9.67	9.68	9.66
27	9.17	7.56	7.69	7.56	7.58	9.52	9.68	9.95	9.64	9.68	9.58	9.61
28	9.02	9.24	7.60	7.56	7.42	9.98	9.68	9.95	9.47	9.72	9.53	9.56
29	8.79	7.46	7.58	7.54	---	9.72	9.64	9.92	9.60	9.67	9.40	9.46
30	8.70	7.45	7.58	7.57		9.76	9.93	9.68	9.65	9.78	9.54	9.41
31	8.90		7.55	7.58		9.58		9.84		9.46	9.61	

Daily discharge, in second-feet, of [illegible] for the year ending September 30, 1911.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
1							0	55	45	80	62	51
2							0	55	45	80	62	51
3							0	55	45	80	62	51
4							0	55	45	80	62	51
5							0	55	45	80	62	51
6							0	55	45	82	62	47
7							0	55	45	82	62	47
8							0	55	45	82	62	47
9							0	55	45	82	62	47
10							0	55	45	82	62	47
11							0	55	45	82	62	47
12							0	55	45	82	62	47
13							0	55	45	82	62	47
14							0	55	45	82	62	47
15							0	55	45	82	62	46
16							0	60	45	82	62	44
17							0	60	45	82	62	44
18							0	60	45	82	62	44
19							0	60	45	82	62	44
20							0	60	45	82	62	44
21							0	45	60	82	62	44
22							0	45	60	82	62	44
23							25	45	57	82	62	0
24							25	45	59	82	62	0
25							27	45	59	82	62	0
26							27	45	60	82	62	0
27							25	45	60	82	62	0
28							27	45	60	82	62	0
29							25	45	60	82	62	0
30								45		82	62	
31												

Mean	0	0	0	0	0	0	13.1	55.9	51.6	81.6	62.0	36.1
Acre-Feet	0	0	0	0	0	0	780	3,510	3,070	5,790	3,810	2,150

Mean 35.4

Acre-Feet 18,900

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	100	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	105	0
6	57				0	0	0	126	126	125	105	14
7	72				18	0	0	128	126	124	105	117
8	84				0	0	0	128	124	126	105	119
9	96				0	0	24	128	116	124	105	117
10	98				0	0	87	129	0	124	105	110
11	65				0	0	96	129	0	124	101	107
12	0				0	0	86	126	5	126	99	106
13	0				0	0	86	126	26	125	98	105
14	0				0	0	86	128	20	126	97	51
15	0				0	0	87	129	20	126	93	0
16	0				0	0	27	129	0	126	96	0
17	0				0	0	21	128	0	128	96	0
18	0				0	0	0	150	0	128	100	0
19	0				1	0	0	150	42	126	102	0
20	0				20	0	0	150	70	128	102	0
21	0	— Ice Nov. 10 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	18	126	107	127	80	0
25	0				0	0	26	126	116	127	80	0
26	0				0	0	28	126	118	127	79	0
27	0				0	15	28	126	112	114	79	0
28	0				0	21	42	126	110	106	79	0
29	0				—	17	56	126	116	105	78	0
30	0					27	55	126	121	102	78	0
31	0					27		126		93	80	
Mean	15.2	0	0	0	1.16	3.45	17.8	126	79.2	123	94.5	28.1
Acre-feet	935	0	0	0	66	212	1050	7750	4710	7560	5800	1670

Year Mean 41.1

29,700

Daily Discharge in Second Feet of [illegible] Reservoir Project at Goodale Canal in Maricopa County, Arizona [illegible] for the year ending September 30, 1911.

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	956	735
11		90					584	954	923	1040	953	729
12		345					589	954	919	1040	942	711
13		509					587	963	936	1040	940	689
14		566					566	965	925	1050	933	701
15		535					568	963	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	988	1100	938	693
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	

Left of Oct. 1 — Nov. 90

Nov. 345 — Nov. 187 — Dec. 1 to Mar. 31, 1911

Nov. 187 — Nov. 0 — Apr. 1 to Sept. 30, 1911

Mean	0	108	0	0	0	0	823	968	969	1,050	955	664
Acre-Feet	0	6,430	0	0	0	0	51,100	59,800	57,700	64,600	58,700	39,509

Year Mean [illegible] Feet 317,000

Daily discharge, in second-feet, of NORTH SIDE PROJECT IS GOODING CANAL at MILNER, IDAHO, for the year ending September 30, 19 36.

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	239	0
7	0					0		0	600	352	385	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	386	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	320	0
26	657					754		0	0	377	455	0
27	657					760		0	0	377	455	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	
Mean	257	0	0	0	0	173	0	51.4	140	241	127	78.5
Acre-Feet	22,000	0	0	0	0	10,600	0	3,160	8,370	14,800	7,810	4,490

--- DRY Nov. 1 to Feb. 28, incl. ---

Year Mean

Feet 71,900

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1100	822	735	553	588	851	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	607	684	556	582	714	969	2200	2090	2270	1880	364
10	1300	687	680	556	598	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	1980	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	553	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	326	1500	2200	2320	627	528	348
24	0	718	550	582	866	0	1540	2190	2320	1650	521	383
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	537	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	675	738	556	578		0	1470	132	640	2100	716	404
30	848	738	559	578		338	1680	0	611	2030	524	401
31	868		559	585		794		56		1440	516	
Mean	810	700	629	569	665	574	968	1880	1930	1650	987	441
Acre-Feet	87,500	41,700	38,700	35,000	36,900	35,300	51,300	115,000	115,000	101,000	60,800	26,300

Year Mean 941

Of Peak 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	652	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. 17

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	7.53	7.84	7.06	110
Second-Feet	37,200	27,800	34,900	35,700	28,000	5,350	518	670	448	482	434	6,550

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YEAR MEAN 246

SECOND-FEET 178,000

Daily discharge, contents in acre-feet of HENRYS LAKE NEAR LAKE, IDAHO, for the year ending September 30, 1911.

Plate No. 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									17978	12780	2279	938
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	6888	1445	460
17									15874	6536	1409	460
18									15874	5863	1372	427
19									15827	5352	1300	427
20									15780	4918	1264	321
21									15592	4524	1228	285
22									15358	4209	1191	285
23									15077	3932	1155	285
24								18678	14842	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												

Year ____ Mean ____

Or ____ Acre-Feet ____

Daily discharge, in second-feet, of HENRYS FORK near LAKE, IDAHO for the year ending September 30, 1923.

Plate No. 49

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	23	8
17									21	260	21	5
18									21	245	30	8
19									21	232	23	52
20									103	200	19	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 (23-31)									55.2	955	175	25.7	16.0
Acre-Feet									950	5,680	10,800	1,580	952

Maximum ...

Minimum ...

Acre-Feet 20,000

Plate No. 45

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 PALISADES, IDAHO

For the year ending Sept. 30, 1916.

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	753	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	672	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	831	788	650	684
26	759	741	747	735	684	729	776	706	861	764	650	684
27	759	747	735	753	695	759	735	706	843	747	645	678
28	759	759	724	735	695	861	718	706	855	718	645	678
29	776	747	672	712	---	964	712	706	831	706	645	684
30	770	628	764	712		1010	712	701	776	718	645	672
31	782		753	712		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 BOISE RIVER NEAR ARROW, IDAHO

for the year ending September 30, 1911.

Plate No. 37

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	966	1,030	1,020	898	842
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, 1930.

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	905	876
4								810	606	785	896	896
5								829	606	792	1010	924
6								990	590	747	1070	990
7								1110	639	682	1040	1030
8								1090	1340	558	986	1060
9								1040	848	566	896	1070
10								943	474	568	896	1040
11							1000	810	501	574	896	1020
12							1120	858	590	574	876	1020
13							1110	810	536	606	914	981
14							1070	639	508	558	914	972
15							1170	666	487	582	952	914
16							1110	729	456	606	958	981
17							1170	765	494	801	914	972
18							1110	747	590	952	934	952
19							1070	702	543	1010	924	934
20							1110	666	639	1030	934	924
21							1130	639	590	962	972	884
22							1190	614	582	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	859	905	1080	962
27							962	582	880	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)

								1050	739	651	785	965	957
Mean Acre-Feet								41,500	45,400	38,700	48,300	59,300	56,900

Mean 290,000

Daily discharge, in second-feet, of [illegible] for the year ending September 30, 1908.

Plate No. 99

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	1530		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	315	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	858	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	1430			640	183	552	367	512	695	1040	958
25	958	1370			620	183	436	359	600	750	970	946
26	976	1310			605	183	494	351	675	720	912	907
27	982	1340			600	183	521	343	715	765	970	885
28	964	1260			575	183	454	339	680	863	1030	846
29	964	1310	1420		---	291	355	335	640	814	1040	802
30	976	1290	1440			371	319	336	512	765	982	735
31	1140		1470			295		335		655	976	

Mean Acre-Feet	813	1450	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	50,800	50,700

Year Mean 829

801,000

Daily discharge, in second-feet, of FALL RIVER NEAR SQUIRREL, IDAHO ... for the year ending September 30, 1924

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	518	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	449	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	382	407	340	364	428	1010	1050	518	428	302	340
21	407	382	382	340	364	421	1050	910	510	435	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	436	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

... 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	335	371	344
2	475	416	374	419	351	344	516	614	520	347	371	295
3	490	420	394	443	374	414	481	626	505	351	367	286
4	494	420	394	431	382	439	425	627	498	367	365	282
5	480	425	378	402	398	419	390	655	456	414	284	288
6	475	414	359	340	382	431	374	740	452	406	306	268
7	475	425	355	386	378	498	363	826	481	351	302	266
8	471	419	351	386	378	458	378	795	586	336	284	248
9	461	419	359	398	374	414	406	760	646	347	275	251
10	457	414	367	419	355	406	382	669	566	398	287	255
11	448	410	359	394	344	410	398	614	551	406	287	255
12	445	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	425	340	256
15	434	390	378	374	344	406	516	596	494	410	344	298
16	429	398	371	325	347	410	486	623	494	386	276	336
17	429	402	355	340	363	402	460	641	511	351	273	336
18	420	398	374	340	367	378	448	668	507	344	269	321
19	420	390	435	332	363	367	464	666	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	268	295
24	416	402	382	402	351	332	669	575	423	313	262	315
25	416	398	374	367	359	325	693	586	443	313	251	317
26	425	390	371	374	359	325	664	582	456	310	248	315
27	438	386	374	367	347	328	614	533	464	306	248	306
28	425	386	374	347	347	332	591	516	427	295	258	302
29	416	390	371	347	---	586	614	498	394	291	273	298
30	420	363	382	340		596	687	560	382	295	273	295
31	425		423	328		551		557		367	313	

Mean	448	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

U.S. GOVERNMENT PRINTING OFFICE 16 6-7149

Year Mean 410

Acre-Feet 298,000

Day												
1	97	94	201	235	231	222	64	45	52	38	32	42
2	97	230	196	234	232	224	63	54	50	45	36	42
3	97	246	197	236	233	227	64	58	54	46	36	43
4	95	273	201	230	235	225	59	58	46	47	37	43
5	94	201	197	244	237	220	56	58	50	48	38	42
6	95	204	195	237	231	227	64	56	56	46	38	46
7	94	206	196	232	230	220	61	58	57	46	38	47
8	91	207	204	234	233	218	79	54	72	46	38	45
9	94	207	204	230	237	208	74	53	73	46	38	40
10	93	206	204	230	235	206	63	54	74	47	38	44
11	91	204	206	204	227	201	61	43	73	46	34	43
12	94	202	212	204	222	202	59	44	68	46	37	44
13	94	201	233	208	222	202	54	44	68	46	36	40
14	93	201	252	204	223	201	52	40	68	44	36	39
15	93	203	252	212	222	197	44	45	68	46	44	44
16	94	206	239	214	222	193	50	45	68	46	37	44
17	94	208	222	214	225	191	54	46	68	46	38	46
18	93	206	206	212	222	191	55	46	68	46	38	46
19	93	204	216	212	216	186	54	46	64	46	38	40
20	93	206	216	212	225	191	50	38	64	46	38	43
21	93	206	219	212	235	184	47	31	56	38	34	40
22	93	205	216	214	235	182	46	31	56	38	34	38
23	93	206	216	214	235	182	46	31	56	38	34	38
24	93	205	212	214	232	184	46	31	56	38	34	38
25	93	204	212	216	232	184	46	31	56	38	34	38
26	93	204	212	216	232	184	46	31	56	38	34	38
27	93	204	212	216	232	184	46	31	56	38	34	38
28	93	204	212	216	232	184	46	31	56	38	34	38
29	93	204	212	216	232	184	46	31	56	38	34	38
30	93	204	212	216	232	184	46	31	56	38	34	38
31	93	204	212	216	232	184	46	31	56	38	34	38

Mean	93.8	206	218	217	230	194	49.8	43.6	60.6	39.8	35.8	39.8
Acre-inches	5,780	12,690	13,400	13,020	14,200	11,960	3,060	2,680	3,720	2,450	2,170	2,450

Mean 217

61,930

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	97,900	121,000	72,600

Mean

281,000

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

Pilot 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	374
27										956	513	321
28										854	261	298
29										822	346	298
30										670	506	420
31										506	506	
Mean										(16-31) 878	706	378
Acre-Feet										27,600	43,400	22,500

Yearly Mean

Acre-Feet 93,500