C. BEN ROSS, GOVERNOR

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
R. W. FARIS, COMMISSIONER
BOISE

BUREAU OF WATER RESOURCES
MANS H. COFFIN
DIRECTOR

January 16, 1934

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

Dear Sir:

There is transmitted herewith the annual report of Lynn Crandall, Watermaster of District No. 36, and Special Deputy State Commissioner of Reclamation, for the year 1933.

Water District No. 36 covers practically the entire area of the Snake River Valley above the Milner Dam, including about a million acres of land. Prior to the opening of the irrigation season of 1933, conditions seemed favorable for a liberal water supply but as the season progressed the supply dwindled away until at the end of the season the total runoff was found to be only slightly in excess of that for the year 1932, or about two-thirds of the normal runoff for the last thirty years. Some shortage of water for irrigation was experienced, particularly in the Fall River and Teton Basin areas, but by careful handling by the Watermaster and co-operation among the water users, the Committee of Nine and other interests, anything like a disaster was averted.

There will always be the likelihood of a shortage of water in this area until additional storage facilities and supplementary water is provided. It is hoped that the investigations now being conducted by the U. S. Bureau of Reclamation with reference to additional storage facilities and ways and means of augmenting the available water supply, will result in an alleviation of this situation in this District. The prospect at this time for a water supply for the Snake River Valley for the ensuing year is not at all encouraging, although there is quite a liberal carry-over of storage water in both Jackson Lake and American Falls reservoir, and it is hoped that subsequent precipitation may increase the available supply to an amount that will be reasonably adequate for all requirements.

Very truly yours,

R. W. Faris

Commissioner of Reclamation

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

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

LYNN CRANDALL, WATERMASTER
IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

January 15, 1934.

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

Dear Sir:

I am transmitting herewith the 1933 annual report covering features of water distribution in District No. 36.

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

While the natural flow of the streams was considerably below normal, stored water supplies were fairly adequate even though 1,900,000 acre-feet of storage was diverted during the season. Some shortage was suffered by several canals on tributary streams, principally on Fall River, and to a lesser extent on Teton River.

The friendly cooperation and advice of yourself, the Committee of Nine, and officers of various canal companies, has been of material assistance and has been much appreciated.

The services of the various members of the operating organization during the season, and the assistance of J. 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

- 1933 -

By LYNN CRANDALL

Watermaster

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INTRODUCTION

At the annual Watermaster election of District No. 36, held in Idaho Falls on March 6, 1933, Lynn Crandall was re-elected as Watermaster for the ensuing year, and the following were 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. Shephard. The Committee organized by electing John W. Hart chairman, F. A. Miller, vice chairman, and John Lee, secretary.

The annual meeting adopted the report of the Resolutions Committee fixing stored water transmission losses on the same basis as in recent years, namely: 2.5% Moran to Heise, 4.4% Heise to Lorenzo, 0.5% Lorenzo to Woodville, and 6% Woodville to Blackfoot.

The snowfall reports from the Jackson Lake watershed in the spring of 1933 indicated an amount about 10% under that of 1932, but still above the average of the past 15 years. The precipitation during June and July, however, was only about one-third of normal and the annual run-off at Moran for 1933 was only 82% of normal.

Jackson Lake filled to capacity and American Falls Reservoir filled to 1,405,000 acre-feet, or 82.6% of capacity. Some of the water in Jackson Lake, however, belonged to American Falls Reservoir, so the rights in neither reservoir were filled in full. The latter reservoir accumulated only 100,000 acre-feet out of the spring flood-water run-off, nearly the entire floodwater flow being taken to fill natural flow rights. Due to lack of precipitation the diversions

during June by canals above Blackfoot were the largest ever recorded in any month of any year since records have been kept. Seasonal stored water diversions from Jackson Lake by canals above Blackfoot amounted to about 496,000 acre-feet at the canal headings, exceeding such diversions in 1931, the year of next largest storage use, by 37,000 acre-feet. Some canals were short of water as it was and probably at least another 50,000 acre-feet would have been used if it could have been made available and those needing it had been financially able to purchase it. Upper Valley canals leased or rented 226,000 acre-feet of storage over and above all rights actually owned.

Stored water diversions by canals below American Falls amounted to 1,407,000 acre-feet, including the water diverted by the Gooding Project which was all charged as storage during 1933, in accordance with instructions from the U. S. Bureau of Reclamation and the State Commissioner of Reclamation.

In order to supply requests for seasonal rental of stored water by upper valley canals, consent of the U. S. Bureau of Reclamation and the executive committee of the American Falls Reservoir advisory board was secured to the rental of 50,000 acre-feet to upper valley canals and 4,532 acre-feet to the Milner Low Lift District from the Idaho Power Company's secondary right. The water was delivered from water being held in the reservoirs to the credit of individual companies and is to be replaced in the American Falls Reservoir during the winter of 1933-34 by the Idaho Power Company refraining from drawing that much of its secondary right.

The season closed with about 450,000 acre-foot combined holdover

in Jackson Lake and American Falls Reservoirs, 150,000 acre-feet less than the same date a year ago.

Requests for the Watermaster to begin work of regulation on April 1 were filed by three canals during March. The U. S. Bureau of Reclamation on April 27 requested appointment of Lynn Crandall as special stored water deputy to administer the waters of Jackson Lake and American Falls Reservoirs. On June 12 he was also appointed special deputy to regulate the waters of Grays Lake and shortly thereafter, it having become apparent that American Falls Reservoir would not fill, the waters of Grays Lake were all turned down Willow Creek to fill rights prior to the right of diversion from Grays Lake to Blackfoot Reservoir. On June 22, 1933 Grays Lake was discharging about 50 second-foot through its north outlet into Willow Creek and leaking about 3 second-foot at the south outlet canal heading.

The River riders started work on June 28, prior to which date regulation was handled directly by the Watermaster, in cooperation with the canal companies. Regulation continued until the end of September, when the gates at Jackson Lake were closed. Owing to dry weather during October and the continued use of water for irrigating sugar beets, fall pastures, and ground before plowing, it became necessary to resume regulation and again open the gates at Jackson Lake on October 8 to discharge the natural flow.

Each canal was cut down at that time to about the amount that the Watermaster thought was really needed, without strict regard to priorities, and in this way sufficient water was made available to

furnish stock water to the lower canals near Blackfoot. On October 22 the Jackson Lake gates were again closed and regulation discontinued.

The stream-gaging work, as in past years, was carried on according to the standard methods of the U. S. Geological Survey.

PERSONNEL

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

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

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

SNOW SURVEYS

Beginning in 1919 monthly snow surveys have been made during the winter months on the Jackson Lake watershed and have proved of increasing interest with the passing years. The results of these surveys reduced to water equivalent are shown in the following table:

Table showing average water equivalent of snow on Jackson Lake watershed in inches.

Year	Dec.	Jan.	Feb.	March	April
1919	6.1	8.1	12.0	16.8	18.4
1920	-	9.5	13.9	21.5	23.0
1921	-	-	17.9	20.6	21.3
1922	8.8	14.2	18.2	22.0	22.1
1923	6.4	11.3	15.6	20.8	23.0
1924	8.6	10.7	13.4	15.8	19.3
1925	7.3	13.0	24.7	25.9	24.3
1926	6.3	9.0	14.0	16.6	17.0
1927	14.0	20.0	27.0	33.0	36.0
1928	14.0	18.0	20.0	23.8	31.5
1929	4.7	9.5	16.5	20.2	22.0
1930	4.8	8.3	13.5	16.8	13.0
1931	4.2	5.5	6.9	9.3	10.8
1932	6.1	12.1	20.0	24.0	26.1
1933	-	10.8	18.8	21.6	24.0
Mean	7.6	11.4	16.8	20.6	22.1

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.

While the March and April, 1933 snowfall reports above Jackson Lake were slightly in excess of the mean for those months, it is probable that the snowfall on the drainage area below Moran was less than average, judging from the precipitation records at Irwin which showed an accumulated precipitation from October, 1932 to April, 1933 of only 58% of normal.

REGULATION SCHEDULE

The following schedule applies to regulation on the main river above Blackfoot. Regulation below American Falls was effective beginning April 1 but the amount of water being diverted by upper

valley canals in relation to valid decrees was such that regulation there did not become necessary until about the middle of June.

1933 Regulation Schedule

June	15	Cut off upper valley rights later than March 13, 1921.
"	28	Cut off 1916 rights.
"	29	Cut off rights later than March 22, 1903.
"	30	Restored June 1, 1903 rights.
July	5	Cut off 1903 rights above Blackfoot.
"	6	Cut off 1900 rights.
"	8	Cut off rights later than July 9, 1896.
"	9	Cut off all 1896 rights.
"	10	Cut off June 1, 1895 rights.
"	11	Cut off rights later than Feb. 6, 1895.
"	13	Filled 70% Feb. 6, 1895 rights.
"	14	Filled 10% Feb. 6, 1895 rights.
"	15	Cut off all 1895 rights.
"	16	Cut off all 1894 rights.
"	17	Cut off June 1, 1892 rights.
"	18	Filled 50% of April 28, 1892 rights.
"	19	Filled 50% of Dec. 14, 1891 rights.
"	20	Cut off rights later than June 1, 1891.
"	21	Cut off June 1, 1891 rights.
"	22	Cut off all 1891 rights.
"	24	Cut off Oct., 1890 rights.
"	25	Filled 50% July 12, 1890 rights.
"	30	Filled 50% June 10, 1890 rights.
"	31	Filled 25% June 10, 1890 rights.
Aug.	1	Cut off June 10, 1890 rights.
"	2	Filled 50% June 10, 1890 rights.
"	4	Filled 50% June 10, 1890 rights.
"	5	Cut off June 10, 1890 rights.
"	7	Cut off all 1890 rights.
"	14	Filled 75% July 10, 1889 rights.
"	17	Filled 50% July 10, 1889 rights.
"	18	Cut off rights later than July 1, 1889.
"	22	Restored 50% July 10, 1889 rights.
"	24	Restored all 1889 rights.
"	27	Restored March 1, 1890 rights.
"	28	Restored 50% June 1, 1890 rights.
Sept.	3	Cut off 1890 rights.
"	4	Cut off July 10, 1889 rights.
"	7	Filled 50% June 1, 1889 rights.
"	8	Filled 50% May 11, 1889 rights.

Sept. 9 Filled 40% May 11, 1889 rights.
" 10 Filled 20% May 11, 1889 rights.
" 15 Filled 30% May 11, 1889 rights.
" 16 Filled 70% May 11, 1889 rights.
" 17 Filled 25% June 1, 1889 rights.
" 26 Filled all 1889 rights.
" 28 Filled June 1, 1890 rights.

The schedule for Henrys Fork and tributaries is shown separately in the chapter covering distribution on Henrys Fork.

Regulation was discontinued September 30 but within a week the river went practically dry at Blackfoot and regulation was resumed October 6 and continued until October 22 on a basis whereby the available water supply was divided up between all of the canals without particular regard to priority. In this way it was possible to furnish each canal with enough water for domestic supply, boot irrigation, etc. The dry weather during the latter part of September and during October made it necessary to irrigate sugar beets before digging, as well as requiring irrigation of stubble ground before fall plowing.

WATER SUPPLY

The following tabulation of normal flow run-off at the Moran and Neeley stations is similar to that in preceding reports:

Table showing annual run-off in acre-feet of Snake River at Moran and Neeley stations

Year ending Sept. 30	(a) Moran Acre-feet	Moran % of mean	(b) Neeley Acre-feet	Neeley % of mean
1904	1,301,910	122	7,200,000	119
1905	770,570	73	4,150,000	68
1906	899,220	84	5,430,000	89
1907	1,282,000	120	8,510,000	139
1908	1,123,600	105	6,770,000	111
1909	1,461,300	137	8,540,000	140
1910	1,230,070	116	7,230,000	118
1911	1,345,790	126	7,080,000	116
1912	1,214,110	114	8,040,000	131
1913	1,436,000	135	8,600,000	141
1914	1,149,360	108	7,550,000	123
1915	770,130	72	4,950,000	81
1916	1,222,100	115	6,820,000	112
1917	1,230,040	116	8,120,000	133
1918	1,240,200	117	7,590,000	124
1919	685,190	64	4,610,000	75
1920	993,105	93	5,330,000	87
1921	1,067,370	100	6,770,000	111
1922	1,006,850	94	6,020,000	98
1923	944,500	89	5,630,000	92
1924	647,730	61	3,900,000	64
1925	1,320,000	125	6,290,000	103
1926	761,000	71	4,789,000	78
1927	1,417,000	133	6,470,000	106
1928	1,331,000	125	6,743,000	110
1929	865,000	81	4,770,000	78
1930	794,000	74	4,242,000	69
1931	576,000	54	3,297,000	54
1932	992,000	93	4,063,000	67
1933	870,000	82	4,022,000	66
Mean	1,067,000		6,120,000	

(a) Corrected for holdover at Jackson Lake since 1909.
(b) Corrected for holdover at American Falls since 1926.

The Neeley records have been adjusted to cover holdovers in the American Falls Reservoir but have not been corrected for Jackson Lake holdovers or variations in diversions from year to year, on account

of the many assumptions that would be necessary in making such corrections.

It will be noted that during the years since the construction of American Falls Reservoir the run-off at Neeley has been a smaller percentage of the mean than that at Moran. This is partly due to greater storage diversions by upper valley canals than was previously possible in the years when most of the Jackson Lake storage had to pass Neeley for use by lower valley canals that are now supplied from American Falls reservoir.

In 1933, for example, upper valley canals diverted 496,000 acre-feet of stored water from Jackson Lake while in the years prior to the building of American Falls Reservoir upper valley storage diversions ranged from 14,000 to 100,000 acre-feet annually.

TRANSFERS AND EXCHANGES

During the year a permanent transfer was granted to Wells Cheney to change the place of use of 1.2 second-feet of water, June 2, 1889 priority, decreed in the Cheney Ditch, no change being made in point of diversion.

A permanent transfer was also granted to Annie C. Shurtleff to change the place of use of 1.30 second-foot of June 1, 1889 priority of the waters of Rainey Creek.

No temporary transfers were permitted except in the case of a few small ditches in the Boise section where several transfers of small amounts of water were allowed for short intervals between canals

heading near together.

After the middle of July several of the upper valley canals that had lost most of their natural flow rights found it necessary to shut out at intervals in order to conserve storage and they were allowed credit for 90% of valid natural flow rights shut off at such times. This water was accumulated as storage to their credit and drawn later in the season.

The practice of transferring Jackson Lake storage to Henrys Fork canals by trading for natural flow was continued as in past years, 53,000 acre-feet of storage measured at Jackson Lake being thus exchanged during the season. Except for this practice a number of the canals on Henrys Fork and tributaries would have been seriously short of water in 1933.

LITIGATION

The only new litigation initiated during the year was a suit filed by the American Falls Reservoir District #2 against the American Falls Reservoir District, The Secretary of the Interior, the Commissioner of Reclamation, and the Watermaster, seeking to determine the right of the Milner Gooding Canal to divert natural flow. At the time of writing this report the case had not yet come on for trial.

CANAL DELIVERIES

Diversions by the various canals between Boise and Blackfoot during the months from May to September are shown on Plates 6 to 10, inclusive. No attempt is made to secure records of diversions by

upper valley canals outside of the irrigation season. Diversions by canals below Neeley are shown for the entire year on Plates Nos. 32-41, inclusive.

Prior to June 20, when the river riders started to work, the discharges of upper valley canals are based principally on readings furnished by the several canal watermasters, except in the case of some of the larger canals that are equipped with automatic recorders. The various canals were visited about once a week by a hydrographer from the Watermaster's office to secure check readings.

No records of diversions by upper valley canals were secured after October 1, although the use of water for irrigation continued during practically all of October.

The following tabulation shows the seasonal diversion, area under canal, and acreage actually irrigated in 1933 along the main Snake River from Heise to Milner. A similar tabulation for Henrys Fork Canals will be found on pages 27 and 28.

The acreage figures are those reported by the officers of the various canal companies. The acreage irrigated is supposed to represent the gross area upon which crops were grown during the year, no deductions being made for such items as roads, canals, building sites, etc.

Table showing irrigated acreage and seasonal diversions during 1933 by Snake River Canals

Name of Canal	Acre-feet	Area under canal	Acreage irrigated 1933	Diversions ac.ft. per acre irrig.
Riley	4,660	073	050	5.5
Anderson & Eagle Rock	211,000(a)	31;300	31,000	6.8(a)
Farmers Friend	91,600	10,500	10,500	8.7
Enterprise	35,200	7,000	6,500	5.4
Nelson	430	160	57	7.7
Mattson & Craig	2,620	650	300	8.7
Arnsberger	590	200	160	3.7
Ross & Rand	1;570	160	115	13.7
Butler Island	12,600	1,400	850	14.8
Steele	2,120	257	160	13.2
Harrison	91,600	16,000	16,000	5.7
Cheney	1;300	240	200	6.9
Boomer & Idaho	247,000	35;524	35,524	7.0
Rudy	40,500	5,000	4,300	11.3
Kito & Nord	1,290	240	160	8.1
Burgess	177,000	21,000	21;000	8.4
Clark & Edwards	18,900	1;900	1,600	11.8
Lowder & Jennings	8,590	1,200	900	9.6
East LaBelle	30,500	2;500	2,300	13.2
Sunnydell	24,600	3;445	3,225	7.6
Lenroot	29,300	3,960	3,960	7.4
Reid	35,300	5,500	4;500	7.8
Texas Feeder	59;500	4,500	4,300	13.6
Nelson-Corey	3,230	460	210	15.4
Hill-Pottinger	462	190	120	3.8
Rigby	41,700	3,600	3,500	11.9
Dilts & Island	34,300	3,900	3,760	9.1
W. Labelle, Indep. & Long Island	106,000	11,100	8,700	12.2
Parks & Lewisville	79,400	6,500	6,500	12.2
North Rigby	13;700	1,250	1,000	13.7
White	1,590	200	100	15.9
Ellis	970	120	100	9.8
Braswell	1,900	250	150	13.2
Butte & Market Lake	54,500	18,000	16;740	3.3
Osgood	26,600	7,000	6,000	4.4
Bear Island & Smith	455	150	130	3.5
Kennedy	7;840	1;600	1,400	5.6
Great Western & Porter	145,000	26,000	26,000	5.6
Coy & Koller	369	30	30	12.3
Woodville	16,500	3,000	3,000	5.5
Snake River Valley	140,000	25,000	21,500	6.8

Name of Canal	Acre-foot	Area under canal	Acreage irrigated 1933	Diversions ac.ft. per acre irrig.
Reservation	200,900(b)	60,196	30,300	6.9
Blackfoot	82,000	13,000	11,000	7.5
New Lava Side	34,000	6,000	5,500	6.2
Peoples	105,000	20,000	16,500	6.4
Aberdeen	259,000	62,298	45,000	5.8
Corbett	34,400	6,578	6,000	5.7
Nielsen-Hanson	2,500	640	600	4.2
Riverside	29,500	5,000	4,000	7.4
Danskin	50,600	6,000	6,000	8.4
Trego	14,500	1,750	1,400	10.4
Wearyrick	14,800	1,540	1,540	9.6
Watson	28,600	4,000	3,000	9.5
Parsons	7,370	1,055	700	10.5
N. S. Minidoka	458,300	65,933	63,699	7.2
S. S. Minidoka	350,700	54,004	49,767	7.0
N. Side Milner	1,034,000	170,000	120,327	8.0
S. Side Milner	1,006,000	202,660	202,660	5.4
Milner Low Lift	45,400	8,041	8,041	5.6
Gooding	277,000	77,744	35,865	7.7
Total main Snake River,	5,930,040	1,028,474	867,300	6.8

(a) Additional supply of unknown amount also used from Willow Creek.
(b) 92,600 acre-feet diverted from Snake River. Balance is supplied from Blackfoot River and Sand Creek waste.

Note.-- The irrigation season is taken as May to September for canals above American Falls, and April to September for canals below American Falls.

Of the 2,607,000 acre-feet diverted by the upper valley canals from the main river between Boise and Blackfoot 441,000 acre-feet, or 16.4% was stored water. Of the 3,251,000 acre-feet diverted by lower valley canals below American Falls 1,407,000 acre-feet, or 43.3%, was stored water.

RIVER DATA

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

Stored water losses were charged on the same basis as in recent years. The segregation of flow at Moran between stored and normal was on the basis of the daily drop in the Lake being taken as storage and the balance at the Moran station being called natural flow. Owing to irregularities in the daily lake readings, resulting from winds, the segregation of flow at this point was adjusted, at times, over periods of several days to avoid causing great fluctuations in the daily normal flow.

Starting with the determined amount of stored water at Moran each day the storage diversions and storage losses were subtracted daily and a theoretical amount of storage computed that should have been at Blackfoot each day. At the Clough station, segregation of storage and normal flow was computed on the basis of an assumed minimum natural flow at that point of 150 second-foot after the date when no natural flow passed Blackfoot. To this 150 second-foot was added any water contributed by the Blackfoot River and the difference between such total and the entire flow at Cloughs was called stored water.

Owing to unsatisfactory measuring conditions, no attempt was made to secure accurate daily records at the old Blackfoot bridge station. This station is of practically no value except in years when it may be necessary to run Jackson Lake storage to the lower

valley on account of lack of sufficient water in American Falls Reservoir. Under present operation methods lower valley canals are supplied from American Falls and just enough storage is carried through the upper valley and past Blackfoot to take care of possible river fluctuations. This generally results in some American Falls water being left in Jackson Lake at the close of each season except in very dry years. This procedure, however, is of general advantage to everyone; it saves the lower valley canals a transmission loss charge of about 13% on their Jackson Lake water and it helps to make water available in Jackson Lake for exchange with upper valley canals who own or lease American Falls water. In years of normal run-off it also helps to insure the filling of both reservoirs. If the holdover stored water is in Jackson Lake it can always be run downstream, but if in American Falls it might waste to the ocean if the latter reservoir filled while Jackson Lake did not. In years of low run-off when the reservoirs do not both fill the water in storage is allotted on the same basis as if it were in the reservoir to which it belonged at the close of the previous season.

The segregation of flow at Nooley was on the basis of the normal flow at Cloughs plus calculated inflow between Clough and Nooley being taken as normal flow at Nooley and the balance at that point being called stored water. The calculated daily inflow between Clough and Nooley was determined by taking the daily flow of the Portneuf River at Pocatello and adding thereto spring and

wastewater inflow based principally on measurements at various times throughout the season. Results of the special 1933 measurements of this inflow are shown on page 23.

Segregation between stored water and natural flow below Neeley was on the basis of the Neeley natural flow, any diversions below that point in excess thereof being tabulated as stored water except that all diversions by the Milner-Gooding project were classed as stored water, in accordance with instructions from the U. S. Bureau of Reclamation and the State Commissioner of Reclamation.

STORED WATER DELIVERIES

The allotments of storage in Jackson Lake and American Falls Reservoirs were made during the season, as follows:

Jackson Lake allotment for 1933

American Falls water in Jackson Lake at end of 1932 season:

Upper valley rights,	40,516	acre-feet
Lower valley rights,	148,467	"
Total,	188,983	"
Spill at Moran, June 6-22,	122,000	"
Balance of American Falls 1932 water in Jackson Lake on June 22, 1933, after which date all spill went to fill natural flow priorities,	66,983	"
Normal flow stored in Jackson Lake prior to June 22, 1933 that should have been released to fill natural flow rights below Neeley, which were filled in lieu thereof by water released from American Falls Reservoir,	15,710	"
Total owed to American Falls by Jackson Lake,	82,693	"

Reservoir capacity,	647,000	acre-foot
Due American Falls Reservoir including lower valley stored normal flow,	62,693	"
Jackson Lake available for allotment,	764,307	"

Allotted as follows:

Bottom rights in full,	437,010	acre-foot
Twin Falls Canal Co. top right,	77,543	"
N. Side Canal Co. top right,	248,954	"
Total,	764,307	"

American Falls Reservoir Allotment for 1933

Reservoir held on June 24,	1,405,340	acre-foot
Due from Jackson Lake,	62,693	"
Used by canals prior to June 24 (above and below reservoir),	114,150	"
Storage used by Gooding & Milner Low Lift July 3-4 (all natural flow rights below Neeley being filled),	4,740	"
Total,	1,606,923	"

Allotted as follows:

Canal	Right filled in full	Right 85.8% filled	1932 hold-over	Total 1933 right
Poplar District	793			793
Harrison Canal Co.	11,994			11,994
Reid Canal Co.	3,002			3,002
Utah-Idaho Sugar Co.	15,052			15,052
C. D. Smith	79			79
Idaho Irrigation Dist.	26,906			26,906
Blackfoot Canal	15,033			15,033
Corbett Canal	4,000			4,000
Trego Canal	1,462			1,462
Hillsdale District	41,146			41,146
Idaho Power Co.	45,000			45,000
Gooding Canal	400,000			400,000

Canal		Right filled in full	Right 85.0% filled	1932 hold-over	Total 1933 right
American Falls District		457,421			
N. Side Canal Co.	250,032				250,032
Twin Falls " "	151,105				151,105
Woodville	9,000				9,000
Martin	2,250				2,250
Aberdeen	35,076		4,690		40,566
Surplus	278				278
Total,	457,421				
Progressive District		12,540		1,292	13,832
Enterprise Canal Co.		9,030		0	9,030
Burgess Canal Co.		6,430		0	6,430
Lenroot Canal Co.		3,060		0	3,060
Dilts Canal Co.		888		0	888
Enterprise Irrig. District		1,720		0	1,720
Butte & Market Lake		2,500		0	2,500
New Sweden District		24,500		0	24,500
Bear Island		193		22	215
Snake River Valley		23,750		1,361	25,111
Peoples Canal Co.		19,300		0	19,300
Minidoka District		42,900		0	42,900
Milner Low Lift		29,300		205	29,505
U. S. (unused options)		27,450		0	27,450
Leased space		371,866			371,866
Total,					1,606,923

Final computations of river and canal data after the close of the season resulted in some changes in the figures on diversions prior to June 24, etc. but the allotments have been left as originally made as the effect on any individual canal's right would be slight, and distribution during the season was made on the basis of the original allotment.

Daily storage diversions are shown on Plate 14 for the various canals using stored water. Henrys Fork canals are grouped together

on this tabulation but are listed separately on Plate 22.

For convenience to the many users, most of the storage rentals were handled through the Watermaster's office. Following is a tabulation of such rentals measured at Jackson Lake:

Rentals			Secured from--		
Swan Valley Users,	1,087	acre-ft.	U. S. unused options,	27,450	acre-ft.
Nelson Ditch,	161	"	Idaho Power Co. share in leased space,	19,000	"
Mattson-Craig,	220	"	Idaho Power Co. secondary right,	50,000	"
Arnsberger,	107	"	Reid Canal Co.,	2,920	"
Harrison,	5,000	"	Twin Falls Canal Co.,	3,534	"
Kito & Nord,	107	"	Total,	103,704	"
Rudy,	1,720	"			
Burgoss,	432	"			
Hill-Pottinger,	80	"			
Island Yard	1,905	"			
Canyon Creek,	1,493	"	In addition to those rentals handled through the Water-master's office, the Idaho Power Company rented 4,532 acre-feet of its secondary right to the Milner Low Lift District and several of the Canals transferred or rented small amounts of storage to others, as noted on Plates 14 and 22.		
Marysville,	2,570	"			
Twin Groves,	7,100	"			
Farmers Friend,	3,709	"			
Upper Teton,	2,060	"			
Lower Teton	1,027	"			
Cons. Farmers,	4,290	"			
Salem Union	5,900	"			
Farmers Own,	1,000	"			
McBee,	43	"			
Conant Creek,	474	"			
Independent,	8,500	"			
Butte & Market Lake,	11,000	"			
Bear Island,	65	"			
Kennedy,	45	"			
New Sweden,	232	"			
Kollar,	69	"			
Peoples,	10,000	"			
Aberdeen,	31,329	"			
Trego,	1,000	"			
Total,	103,704	"			

The stored water wasted past Milner has been divided between the several canals in proportion to amounts diverted, as in past years.

The American Falls Reservoir showed a total loss for the five months, May to September, of 27,830 acre-feet, or about 2.0% of the maximum storage of 1,405,340 acre-feet reached on June 24. Inasmuch as the reservoir allotment was made as of June 24, all the losses prior to that date are automatically charged in making the allotment.

After June 24 the reservoir losses were as follows:

June 25-30 (1/5 month),	7,600	acre-ft.	loss
July,	9,530	"	"
August,	15,900	"	gain
September,	14,500	"	"
Period,	13,270	"	gain

The 1933 records confirm those of the past several years when very little stored water has been carried past Blackfoot and a heavy draft has been made on American Falls Reservoir during the latter part of the season, resulting in a rapid drawdown and substantial gain from return of reservoir bank storage.

The American Falls holdovers for the various canals owning both Jackson Lake and American Falls water have been calculated in accordance with the indicated desire of each company as to which storage water they desired to first use. Those holdovers are shown on Plate 14 and aggregate 401,476 acre-feet, to which should be added 13,270 acre-feet unallotted American Falls Reservoir gain after June 24, making a total of 414,746 acre-feet of American Falls water held over on September 30, including 45,000 acre-feet of Idaho Power Company primary water which will be withdrawn before the 1934 season. American Falls Reservoir on September 30, 1933 held 244,430 acre-feet, to which should be added 54,532 acre-feet to be stored in the reservoir this winter from the

Idaho Power Company's secondary rights on account of water leased during 1933. This makes a total holdover supply of 200,962 acre-feet at American Falls Reservoir. The holdover rights aggregate 14,746 acre-feet, leaving 115,704 acre-feet of American Falls water in Jackson Lake at the close of the 1933 season.

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
1933
(Heise dates and 24-hr. second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Moran	1,726	92,046	172,700	160,360	95,904	522,736
Heise	230,440	569,400	341,970	265,100	183,010	1,597,920
Riley ditch	69	860	784	457	175	2,353
Heise & Riley	230,509	570,260	342,754	265,557	183,185	1,600,273
Total gain s.f.	236,783	478,222	170,054	105,197	87,281	1,077,537
Mean gain s.f.	7,640	15,940	5,490	3,390	2,910	7,040
Tot.gain a.f.	470,000	949,000	338,000	208,000	173,000	2,138,000

The total gain in this section was 21% less than during 1932.

Gain in Snake River, Heise to Shelley stations
1933
(Heise dates and 24-hr. second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	230,509	570,260	342,754	265,557	183,185	1,600,273
Rexburg	81,540	94,350	17,040	13,020	22,689	230,239
Total supply	320,049	664,610	360,594	279,377	205,874	1,830,512
Diversions	56,201	266,142	247,450	197,597	147,907	915,377
Now supply	263,760	398,476	113,144	81,780	57,967	915,135
Shelley	247,470	398,270	132,620	96,440	73,030	948,830
Tot.Gain s.f.-	16,290	- 206	19,476	14,660	15,063	33,495
Mean " s.f.	- 526	- 7	628	473	529	219
Tot. " a.f.	-32,300	- 400	38,600	29,100	31,500	66,492

The gain in this section during the months July to September averaged about the same as in 1932, although the total seasonal gain was considerably less in 1933 due to greater losses during June. In normal years the gain during the latter part of the season has averaged 1,000 second-foot or more, while during the past two years it has been only about one-half of this amount.

Loss in Snake River, Shelley to Cloughs Ranch stations
1933
(Shelley dates and 24-hr. second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Shelley	247,470	399,070	136,100	97,610	73,980	954,230
Blackfoot River	10,280	755	603	116	700	12,454
Total supply	257,750	399,825	136,703	97,726	74,680	966,684
Diversions	57,595	115,078	92,038	67,826	47,390	379,927
Net supply	200,155	284,747	44,665	29,900	27,290	586,757
Cloughs	190,210	278,770	39,367	23,524	22,880	554,751
Total loss s.f.	9,945	5,977	5,298	6,376	4,410	32,006
Mean " s.f.	321	199	171	206	147	209
Total " a.f.	19,700	11,800	10,500	12,700	8,750	63,450

Loss in Snake River, Clough to Neeley stations
1933
(Neeley dates and 24-hr. second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Clough	192,920	278,895	43,374	23,426	22,314	560,929
Inflow C.- N.	90,322	80,593	81,090	81,900	79,594	413,499
Release from reservoir,	- 6,489	-19,745	219,803	232,733	114,704	541,006
Net supply	276,753	339,743	344,267	338,059	216,612	1,515,434
Neeley	271,350	320,500	339,450	346,100	223,940	1,501,420
Total loss s.f.	5,403	19,163	4,817	- 8,041	- 7,328	14,014
Mean " s.f.	174	639	155	- 259	- 244	91.6
Total " a.f.	10,700	38,000	9,530	-15,900	-14,500	27,830

The inflow Clough to Neeley is based on the flow of Portneuf River at Pocatello plus inflow below that point determined principally from the results of special measurements and calculated unmeasured inflow.

Four sets of special inflow measurements were made by Mr. Iorns.

The unmeasured inflow has been calculated as 122% of the unregulated

measured inflow; also by the Nowell formula which is, unmeasured inflow = 840 plus 1/3 measured inflow. After the Portneuf River floodwaters receded the two results were in close agreement.

Inflow measurements, American Falls Reservoir - 1933 (Second-foot)

Stream	June 2-3	July 11-12	Aug. 14-15	Sept.11-12
Big Jimmy	33.9	31.5	31.2	31.0
Portneuf inflow below Pocatello,	304	313.6	298	310.9
Big Spring	429	436.1	451.3	430
Clear Creek	131	125.3	126.1	129.5
Ford Creek	7.3	7.0	7.0	6.7
Kinney Creek	31.5	30.5	30.0	30.8
Wide Creek	59.7	56.8	57.9	55.7
Pyle Creek	12.9	12.4	14.2	12.9
McTucker Spring	24.3	27.6	26.0	25.8
Hull Spring	8.0	7.8	8.0	7.6
Tanner Spring	0.6	2.0	0.3	3.5
Total unregulated	1042.2	1050.6	1050.0	1052.4
Portneuf at Pocatello	300.0	78.9	77.0	76.3
Crystal Ditch	12.5	15.6	9.3	18.3
Crystal Waste	15.4	21.2	28.2	20.0
Danielson Spring	42.9	57.4	46.9	58.6
Artesian Creek	1.0	3.0	3.0	1.5
Sterling Creek	7.0	4.5	6.0	5.5
Colburn Creek	0.8	2.0	1.3	2.0
Aberdeen waste	16.0	12.5	10.4	10.5
Tartar waste	8.0	9.5	7.0	7.0
Schiltz waste	3.0	3.2	3.0	2.5
Cedar waste	8.5	1.0	0	0.5
Ross Fork	40.6	45.7	46.5	47.4
Triple Creek	4.0	4.5	2.0	2.0
Bannock Creek	17.3	0.7	1.5	1.5
Ruegar Spring	23.0	24.4	23.0	24.1
Total measured,	1542.2	1334.7	1315.1	1330.1
Unmeasured inflow 122% formula,	1272	1282	1281	1284
Unmeasured inflow Nowell formula,	1354	1205	1278	1283
Total inflow, 122% formula,	2814	2617	2596	2614
Total inflow Nowell formula,	2096	2620	2593	2613

Loss in Snake River, Neeley to Minidoka stations, 1933
(Minidoka dates and 24-hour second-feet, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Neeley	270,810	320,950	338,810	346,540	226,710	1,503,820
Released from Lake Walcott,	-6,750	- 413	- 645	151	5,920	- 1,737
Total supply	264,060	320,537	338,165	346,691	232,630	1,502,083
N. Minidoka	40,672	47,580	48,850	46,480	28,612	212,194
S. Minidoka	24,257	35,780	37,320	36,170	26,543	160,070
River nr.Minidoka	203,140	235,290	247,210	249,550	172,350	1,107,540
Total use,	268,069	318,650	333,380	332,200	227,505	1,479,804
Total loss sec.-ft.	- 4,009	1,887	4,785	14,491	5,125	22,279
Mean loss sec.-ft.	- 129	62.9	154	467	171	146
Total loss ac.-ft.	- 7,930	3,740	9,470	28,700	10,200	44,180

The erratic variations of the loss in this section may readily enough be due to undetected variations in ratings at the river stations. The loss is so small in relation to the river flow that an error of 1 or 2% in the Neeley rating may cause a variation of 100% or more in the computed loss.

Gain in Snake River, Minidoka to Milner stations, 1933
(Milner dates and 24-hour second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Minidoka	202,785	235,270	246,640	250,160	174,900	1,109,755
P.A. Lateral	1,668	1,805	1,891	1,891	1,421	8,676
Gooding Canal	36,638	46,050	58,570	56,630	46,165	244,053
Milner Low Lift	3,415	4,861	5,201	4,994	3,728	22,199
North Milner	68,920	85,480	77,912	85,030	57,170	374,512
South Milner	99,550	101,540	109,640	112,640	81,930	505,300
River at Milner	896	421	452	309	309	2,387
Total use,	211,087	240,157	253,666	261,494	190,723	1,157,127
Total gain sec.-ft.	8,302	4,867	7,026	11,334	15,823	47,372
Mean gain sec.-ft.	268	163	227	366	527	310
Total gain ac.-ft.	16,500	9,700	14,000	22,500	31,400	94,100

DISTRIBUTION ON HENRYS FORK

Molvin Luke was in charge of distribution on Henrys Fork and tributaries, with headquarters at St. Anthony.

Water-supply conditions, in relation to normal, were about the same on that watershed as on the main river. Substantial shortages would have been suffered by various canals except for rented Jackson Lake water made available by exchanging for natural flow that under the cuts in effect should have passed St. Anthony for Snake River canals holding early priorities. Canals on Henrys Fork and tributaries diverted by exchange for natural flow during 1933 a total of 54,159 acre-feet of Snake River storage, equivalent to 56,377 acre-feet at Jackson Lake. Practically all of the natural flow available for exchange was rented and retained by Henrys Fork Canals until about August 20. Between that date and the end of September about 28,000 acre-feet of natural flow was discharged past the lowest canal heading below St. Anthony and delivered to prior rights on Snake River.

Rights on Henrys Fork and Fall River were regulated in accordance with the following schedule:

June 15	Cut off rights later than March 31, 1921.
July 5	Cut off rights later than 1900.
July 6	Cut off rights later than 1896.
July 7	Filled 50% of June 14, 1895 rights.
July 8	Filled June 1, 1895 rights.

Thereafter same schedule as Snake River.

The following schedule was in effect on the Teton River:

June 26	Cut off 80% of June 1, 1898 rights.
July 1	Cut off all June 1, 1898 rights.
July 6	Cut off all rights later than 1886.
July 8	Cut off all rights later than 1885.
July 12	Cut off 30% of June 1, 1885 rights.
July 16	Cut off rights later than May 31, 1885.
July 24	Cut off rights later than May 1, 1885.
Aug. 13	Cut off all 1885 rights.
Sept. 6	Cut off 10% of June 1, 1884 rights.
Sept.17	Cut off 25% of June 1, 1884 rights.
Sept.20	Cut off 50% of June 1, 1884 rights.
Sept.26	Filled June 1, 1884 rights.

Daily diversions by Henrys Fork Canals are shown on Plates 16 to 20. May and June records are based on gage readings by canal watermasters, supplemented and verified by occasional readings by Mr. Luke. Plates 21 and 22 show segregation of flow at the various river stations and storage diversions.

The Henrys Lake allotment based on the reservoir contents July 7, less 4,300 acre-feet dead storage, was as follows:

Canal	Ownership	Acre-feet
Last Chance	15.3%	5,075
St. Anthony Union	6.8	2,255
Egin	6.8	2,255
Salem Union	24.2	8,027
Independent	26.8	8,889
Consolidated Farmers	20.1	6,667
Total,		33,168

Henrys Lake on September 30, 1933 contained 7,240 acre-feet, less 4,300 acre-feet dead storage, or a net holdover of 2,940 acre-feet.

The segregation of daily flow at Henrys Lake outlet was made

by making miscellaneous measurements of inflow to the Lake from time to time and calling such quantities natural flow, the amounts at the outlet station in excess thereof being classed as stored water. The natural flow at this point is generally such a small proportion of the total flow that any method of determining storage release from the reservoir drop would introduce unwarranted and erratic variations in the computed natural flow. When heavy storage drafts are being made there also is considerable fall in the channel leading from the Lake proper to the dam where the reservoir gage is located, so that the gage readings do not correctly show the amount of water in the reservoir at such times. The usual transmission losses of 1.5% from Lake to Warm River and 0.5%, Warm River to Ashton, were applied to Henrys Lake storage as in past years.

The following tabulation of irrigated areas in the Henrys Fork region is similar to that previously shown for the main Snake River. Irrigated acreages were reported by the officers of the various canal companies and represent gross irrigated areas without reduction for such items as roads, canals, building sites, etc.

Table showing season diversions and irrigated acreages, Henrys Fork Canals - 1933
(Diversions May to September, 1933)

Name of canal	Acre-feet	Acreage under canal	Acreage irrig. 1933	Divers. acre-ft. per acre irrig.
FALL RIVER CANALS				
Yellowstone	72	5,000	0	0
Harrigfeld	0	3,500	0	0
Marysville	13,800	15,000	10,500	1.3
Farmers Own	4,250	12,000	3,000	1.4

Name of canal	Acre-foot	Acreage under canal	Acreage irrig. 1933	Divers. acre-ft. per acre irrig.
FALL RIVER CANALS (Cont'd.)				
Alby	147	60	60	2.4
Enterprise	29,200(a)	7,010	5,990	4.9
Bell	926	120	120	7.7
Fall River	65,600	8,000	8,000	10.7
McBee	890	120	100	8.9
Chester	7,640	2,200	1,200	6.4
Silkey	2,600	613	445	6.0
Curr	11,200	1,570	1,570	7.1
Total Fall River	156,605	55,198	30,965	5.1
HENRYS FORK CANALS				
Dorcy	2,950	1,400	1,000	3.0
Last Chance	12,400	1,840	1,840	6.7
St. Anthony Union	131,000	10,000	10,000	13.0
Farmers Friend	27,700	2,900	2,900	9.5
Twin Groves	22,000	2,500	2,500	9.1
Salem Union	46,100	5,500	5,500	8.4
Egin	85,100	8,190	8,000	10.6
St. Anthony U.Feeder	24,100	2,500	2,500	9.6
Independent	60,200	7,000	7,000	8.6
Consolidated Farmers	47,400	8,000	6,000	7.9
Total Henrys Fork	459,750	49,910	47,240	9.7
TETON RIVER CANALS				
Siddoway	2,700	600	600	4.6
Wilford	29,400	2,500	2,500	11.7
Teton Irrigation	16,100	3,000	2,700	6.0
Good Luck	3,640	360	360	10.1
Pioneer	5,000	400	400	12.5
Stewart	3,870	360	360	10.7
Pincock-Byington	3,260	320	280	11.6
Pincock-Garner	4,450	500	400	11.1
Teton Island Feeder	76,800	12,000	11,500	6.7
North Salem	1,400	400	400	3.7
Roxana	3,400	1,000	1,000	3.4
Island Ward	10,500	3,300	3,000	3.5
Woodmansee-Johnson	2,990	1,310	1,000	3.0
City of Roxburg	9,180	1,295	995	9.2
Roxburg Irrigation	44,100	7,200	6,000	7.4
Total Teton River	216,950	34,625	31,495	6.9
Total Fall River, Henrys Fork and Teton River,	833,305	139,733	109,720	7.6

(a) Excludes 5,300 acre-foot carried for other canals on Teton River.

The total delivery to canals in the Henrys Fork section was 39,000 acre-feet less than in 1932.

River losses and gains in Henrys Fork basin

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

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

Gain in Henrys Fork, Lake to Island Park stations, 1933

(Island Park dates and 24-hour second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
H. F. nr. Lake	240	240	3,750	6,461	1,201	16,900
H. F. nr. Island Park	25,035	21,197	21,553	18,733	13,407	100,005
Total gain s.f.	25,507	20,957	12,795	12,272	12,206	83,097
Mean gain s.f.	825	699	413	396	410	548
Total gain a.f.	50,700	41,600	25,400	24,300	24,400	166,400

Gain in Henrys Fork, Island Park to Warm River stations, 1933

(Warm River dates and 24-hour second-feet, except as noted)

Station	May	June	July	Aug.	Sept.	Season
H. F. nr. Island Park	25,949	21,630	21,164	19,170	13,407	101,400
H. F. at Warm River	43,030	32,719	31,693	29,607	23,177	160,226
Total gain s.f.	17,081	11,089	10,529	10,429	9,690	58,810
Mean gain s.f.	551	370	340	336	323	384
Total gain a.f.	33,900	22,000	20,900	20,700	19,200	116,700

Gain in Henrys Fork, Warm River to Ashton stations, 1933

(Ashton dates and 24-hour second-foot, except as noted)

Station	May	June	July	Aug.	Sept.	Season
H. F. at Warm River	43,175	32,985	31,527	29,830	23,183	160,700
H. F. nr. Ashton	66,640	49,560	41,670	39,270	32,320	229,460
Total gain s.f.	23,465	16,575	10,143	9,440	9,137	68,760
Mean gain s.f.	757	552	327	305	305	449
Total gain a.f.	46,500	32,800	20,100	18,800	18,100	136,300

Owing to discontinuance of the stations on Warm River and Robinson Creek, the flow of these streams is included in the gain to Henrys Fork between Warm River and Ashton stations beginning with 1933 records.

Gain in Fall River, Squirrel to Chester stations, 1933

(Squirrel dates and 24-hour second-feet, except as noted)

Station	May	June	July	Aug.	Sept.	Season
Fall R. nr. Squirrel	43,570	95,950	21,069	16,106	13,044	190,547
Diversions	8,136	24,023	16,757	16,291	8,580	74,587
Balance	35,442	71,127	4,312	- 185	5,264	115,960
Fall R. nr. Chester	48,506	77,651	4,575	892	6,353	137,977
Total gain s.f.	13,064	6,524	263	1,077	1,089	22,017
Mean gain s.f.	421	217	8.5	34.7	36.3	144
Total gain a.f.	25,900	12,900	522	2,130	2,160	43,612

Gain in Henrys Fork, Ashton to St. Anthony stations, 1933

(Ashton dates and 24-hour second-feet, except as noted)

Station	May	June	July	Aug.	Sept.	Season
H. F. nr. Ashton	66,640	49,560	41,670	39,270	32,320	229,460
Fall R. nr. Chester	47,816	78,535	4,845	882	6,243	138,321
Total	114,456	128,095	46,515	40,152	38,563	367,781
Diversions	29,508	56,022	25,892	19,948	11,432	122,802
Balance	84,948	92,073	20,623	20,204	27,131	244,979
H. F. at St. Anthony	91,270	94,210	22,766	21,139	26,646	256,031
Total gain s.f.	6,322	2,137	2,143	935	- 485	11,052
Mean gain s.f.	204	71.2	69.1	30.2	-16.2	72.2
Total gain a.f.	12,500	4,240	4,250	1,860	- 964	21,906

Gain in Honrys Fork and Toton River, St. Anthony to Roxburg stations, 1933

(St. Anthony datos and 24-hour second-feet, oxcept as notod)

Station	May	Juno	July	Aug.	Sept.	Soason
H. F. at St. Anthony	90,640	95,510	23,042	21,194	26,436	256,822
Toton nr. " "	28,655	54,950	22,531	18,899	15,326	140,361
Total supply	119,295	150,460	45,573	40,093	41,762	397,183
Toton divorsions	16,174	39,600	21,824	17,698	14,180	109,404
H. F. divorsions	27,057	29,042	21,762	18,280	11,502	109,323
H. F. Roxburg	81,465	93,400	17,380	13,074	22,072	229,011
Total accounted for	125,516	162,042	60,966	49,052	48,642	447,018
Total gain s.f.	6,221	12,302	15,393	9,759	6,800	50,635
Mean gain s.f.	201	413	497	315	229	331
Total gain a.f.	12,400	24,600	30,600	19,400	13,600	100,600

Regulation in Toton River

During the early part of July the users on the Toton River entered into an agreement whereby the Toton Basin users agreed to deliver an average daily flow of 20 second-feet to Teton River either through the String Canal or through some canal from Fall River or Henrys Fork by renting Jackson Lake storage. The upper users rented 2,860 acre-feet of storage which was delivered through the Enterprise Canal to the lower Toton River users in several runs during the latter part of the season. For a short period along after the middle of July they also delivered 20 second-foot through the String Canal and Warm Creek into Toton River. Under this schedule of operation the users in Teton Basin were permitted to divert all available water. Losses of about 27% were sustained in carrying the stored water from Fall River to Teton River through the Enterprise Canal, according to one set of measurements made by Mr. Luke on July 26.

The following measurements of streams tributary to Teton River were made during the season.

Miscellaneous measurements on Teton River watershed during the year ending Sept. 30, 1933.

Date	Stream	Tributary to or diverting from-	Locality	Gage-height feet	Dis-charge sec.-ft.
June 30	Teton River	Henrys Fork	At old station 1 mi. below highway bridge nr.Tetonia	1.24	449
Aug. 25	do	do	do	.90	326
June 27	Trail Creek	Teton River	Above head of String Canal nr. Victor		195
July 17	do	do	do	1.13	97.4
July 22	do	do	do	1.00a/	
July 24	do	do	do	0.94	80.0a/
July 26	do	do	do	.86a/	
Aug. 3	do	do	do	.84	60.0a/
Aug. 7	do	do	do	.84a/	
Aug. 12	do	do	do	.78	64.7a/
Aug. 24	do	do	do	.70	60.8
Sept. 4	do	do	do	.64	56.6a/
July 17	String Canal	Trail Creek	At head nr. Victor,	.30	60.9
June 27	Game Creek	do	At highway bridge nr. Victor,		91.4
July 17	do	do	do	.73	34.5
July 22	do	do	do	.60a/	

Date	Stream	Tributary to or diverting from--	Locality	Gage-height foot	Discharge sec.-ft.
July 24	Game Creek	Trail Creek	At highway bridge nr. Victor	.62	31.0a/
July 30	do	do	do	.60	27.0a/
Aug. 5	do	do	do	.56	10.1a/
Aug. 7	do	do	do	.52a/	
Aug. 12	do	do	do	.50	14.9a/
Aug. 24	do	do	do	.44	13.2
Sept. 14	do	do	do	.42	12.0a/
July 17	Warm Creek	Teton River	At bridge 3 mi. southwest of Victor,	.96	24.9
July 22	do	do	do	.92	26.0a/
July 23	do	do	do	.92	26.0a/
June 30	Fox Creek	do	Above diversions		82.8
Aug. 24	do	do	do		8.6
June 30	Darby Creek	do	do		129.0
Aug. 24	do	do	do		14.5
June 30	Grand Teton Creek	do	do		371
Aug. 24	do	do	do		28.7
June 30	So. Leigh Creek	do	do		128
Aug. 24	do	do	do		8.6
June 30	No. Leigh Creek	do	do		91.7
Aug. 24	do	do	do		6.0

Date	Stream	Tributary to or diverting from	Locality	Gage height foot	Discharge sec.-ft.
July 15	Canyon Cr.Canal	Canyon Creek	At head at Pincock Springs, 16 mi. SE of Newdale,		20.3
Aug. 12	do	do	do		10.2

a/Measurements by V. Penfold, watermaster in Teton Basin; other measurements by M. Luke or .. V. Iorns.

DISTRIBUTION IN SWAN VALLEY

Jn. Burton was again appointed as deputy watermaster in Swan Valley following his selection by the local water users who paid his salary and expenses directly. Various users in this section rented a total of 1,007 acre-foot of storage which was diverted from Palisade Creek.

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., 1932	1.97	2.16	1.06	1.79	0.12	1.29	0.86	1.28
Nov.	2.30	2.76	1.52	1.82	0.76	1.08	1.71	1.25
Dec.	3.02	2.73	3.05	1.72	1.24	1.16	2.14	1.62
Jan., 1933	5.27	4.46	2.82	2.44	0.80	1.37	3.72	1.88
Feb.	4.33	2.76	2.92	2.15	0.81	1.06	1.22	1.36
Mar.	2.05	3.08	0.70	2.08	0.22	1.15	0.83	1.19
Apr.	1.69	2.08	1.82	1.72	0.69	0.92	0.41	1.17
Total Oct.- Apr. incl.	20.63	20.03	13.89	13.72	4.64	8.04	10.89	9.75
May	2.70	2.41	2.37	1.82	0.91	1.66	2.14	1.89
June	0.94	2.31	0.64	1.72	0.08	1.26	0.49	1.45
July	0.72	1.52	0.42	1.30	0.04	0.96	0.13	0.96
Aug.	1.80	1.69	1.82	1.29	0.18	0.89	0.97	0.68
Sept.	2.27	1.74	0.98	1.92	0.09	1.21	0.91	1.16
Year	29.06	29.70	20.12	21.77	5.94	14.02	15.53	15.89

Month	Idaho Falls Act.	Norm.	Blackfoot Act.	Norm.	Pocatello Act.	Norm.	Twin Falls Act.	Norm.	Mean 8 st. act.	norm.
Oct., 1932	0.31	1.06	0	1.06	0.09	1.16	0.10	0.90	0.56	1.34
Nov.	0.25	0.82	0.38	0.76	0.25	0.89	0.73	1.09	0.99	1.31
Dec.	0.95	1.12	1.66	0.91	1.45	1.21	0.53	1.00	1.75	1.43
Jan., 1933	2.34	1.34	2.78	1.00	1.85	1.39	0.54	1.16	2.51	1.88
Feb.	1.36	1.03	2.50	0.80	0.41	1.27	0.55	0.95	1.76	1.42
Mar.	0.65	1.16	0.83	0.84	0.42	1.31	0.36	0.89	0.76	1.46
Apr.	0.98	0.99	0.83	0.92	0.99	1.43	0.61	1.01	1.00	1.28
Total, Oct.- Apr., incl.	6.84	7.52	8.98	6.29	5.46	8.66	3.42	7.00	9.34	10.13
May	0.83	1.38	1.21	1.37	1.46	1.52	0.74	1.10	1.54	1.64
June	0.22	1.22	0.27	0.86	0.15	1.09	0.01	0.85	0.35	1.34
July	0	0.64	0.02	0.73	1.05	0.77	0.01	0.39	0.30	0.91
Aug.	0.65	0.67	0.23	0.67	0.25	0.71	0.11	0.25	0.75	0.86
Sept.	0.20	0.85	0.42	0.84	0.16	0.81	0.24	0.61	0.66	1.14
Year	8.74	12.28	11.13	10.76	8.53	13.56	4.53	10.20	12.95	16.02

The annual precipitation at Snake River, Moran and Ashton stations was about normal; at Irwin, however, it was only 42% of normal, this deficiency being reflected in a decrease of 21% in the inflow between

Moran and Heise in 1933, as compared to 1932. The average precipitation at the 8 stations for the year was 81% of normal, the greatest deficiencies occurring during the months of June and July.

Average temperatures for May were the lowest recorded since 1916, with but little need for irrigation water above Blackfoot until the latter part of that month. Good growing weather and absence of rain resulted in heavy demands for water during June.

During the balance of the season weather conditions generally were quite favorable for maturing and harvesting most crops. Irrigation of potatoes continued until the latter part of September and of beets, to some extent, until past the middle of October.

CONSTRUCTION WORK

A new gage well and shelter was built at the station on Teton River near St. Anthony. The wells at the Heise and Clough stations were deepened and minor repairs made at other stations. Funds for most of this construction work were made available by the Public Works Administration.

WATER RIGHTS

No changes have been made in the tabulation of rights since the 1932 report.

EXPENDITURES FOR WATER DISTRIBUTION AND HYDROMETRIC WORK

Year ending December 31, 1933

Engineers and Hydrographers

Lynn Crandall,	Salary	11 mos. @ $400.00	$4,400.00
W. V. Iorns,	"	1 yr.	2,286.00
Melvin Luke,	"	5 mos. @ $175.00	875.00
G. H. Powell,	"	2.16 mos. @ $125.00	270.90
W. N. McConnel,	"	4 mos. @ $50.00	200.00

River Riders

C. Madson,	"	104 days @ $6.00,		incl. mileage	624.00
W. J. Kramer,	"	101 "	"	5.50 "	555.50
H. M. Bramwell,	"	95 "	"	5.50 "	522.50
R. S. Boal,	"	40 "	"	5.50 "	220.00
E. Liljenquist,	"	104 "	"	5.00 "	520.00
W. Lenz,	"	2.83 mo. @ $40.00		"	113.20

Clerks

A. B. Kamnors,	"	1 yr.,	1,400.53
John Loo, Secy., Committee of Nine,		1 yr.,	49.50

Miscellaneous

Transportation,	32,415 miles @ 6¢,	1,944.90
Telephone & telegraph,		349.56
Supplies and equipment,		678.37
Gage readers,		519.04
Construction and repairs,		667.00
Miscellaneous,		265.64
Total,		$16,459.64

In addition to the above general expenses, upper valley members of the Committee of Nine were paid $544.03 for time and expenses, which was charged to upper valley canals.

EXPENDITURES FROM VARIOUS FUNDS

Normal Flow users,	$ 4,723.55
Jackson Lake and American Falls storage users,	3,036.49
Storage sales account,	782.43
Henrys Lake storage users,	147.22
Twin Lakes storage users,	12.00
State of Idaho Stream Gaging fund,	1,479.82
U. S. Geological Survey,	6,251.83
Federal Power Commission,	25.50
Total,	$16,459.64

The U. S. Geological Survey funds include $956.24 expended from Public Works allotment.

FUNDS ON HAND JANUARY 1, 1934

Normal Flow fund,	$1,162.73
North Fork Reservoir Co.,	30.93
Utah-Idaho Sugar Co.,	13.51
County warrants on hand,	382.56
1933 normal flow assessments still unpaid,	754.69
State of Idaho Stream Gaging fund,	768.00
Storage Sales account,	2,360.78
U. S. Geological Survey,	1,043.39
Total,	$6,516.67

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

October | November | December | January | February | March | April | May | June | July

1928-29
1927-28
1929-30
1931-33
1930-31
1927-28

STORAGE IN ACRE-FEET

(WATER RESOURCES BRANCH)

HYDROGRAPH FOR JACKSON LAKE RESERVOIR BEGINNING OCT. 1, 1927

File No. { Washington / State

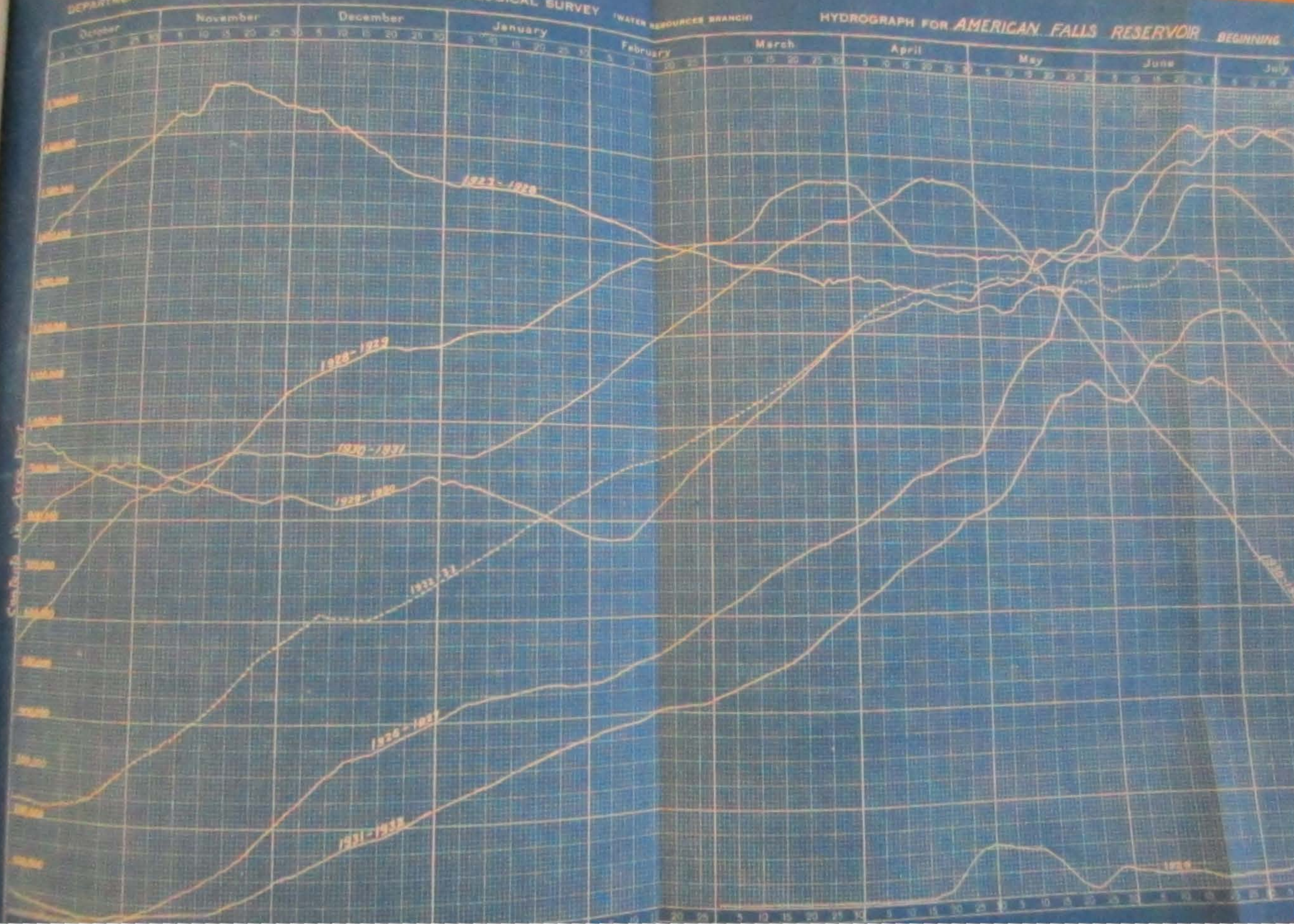
Plate No. 2

February March April May June July August September

1927-28
1928-29
1929-30
1930-31
1931-32
1932-33
1933-34
1934-35

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

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING



SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING MARCH 1, 1926

File No. Washington / Twin

Plate No. 3

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DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE-FEET OF SNAKE RIVER AT NEELEY, IDAHO

(MONTGOMERY FERRY PRIOR TO 1906)

PLATE No. 4

ANNUAL RUNOFF IN MILLIONS OF ACRE-FEET

1 2 3 4 5 6 7 8

1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933

No Record

(Average 6,120,000

Note: Runoff totals are for climatological year ending Sept. 30th, and are corrected for American Falls Reservoir Holdovers.

DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE-FEET OF SNAKE RIVER AT MORAN, WYO.

PLATE NO. 5

ANNUAL RUNOFF IN ACRE-FEET

Average 1,097,000

1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933

Note: Runoff totals are for climatological year ending Sept. 30th and are corrected for Jackson Lake Holdovers

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR MAY 1933

NORTH SIDE 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
MILNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANDERSON	12	12	12	12	12	12	15	15	15	15	15	15	15	15	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
ROCK CREEK	4	4	4	15	15	15	15	15	15	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
FARMERS FRIEND	5	5	5	15	15	15	15	15	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ENTERPRISE	36	36	36	20	4	4	4	4	4	4	12	20	20	20	20	20	41	47	53	58	63	68	73	83	91	99	99	240	181	180	350	
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	
NELSON & CRAIG	0	0	0	0	0	0	0	0	0	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
ARNSBERGER	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	
BUTLER ISLAND	0	0	0	0	9	9	9	9	9	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	
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	4	8	8	9	
REELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HARRISON	15	15	15	15	60	115	115	114	114	113	112	112	111	111	110	110	110	110	55	0	0	0	0	0	0	0	0	5	10	10	10	
VENEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	251	251	380	
HOMER	2	2	2	4	5	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
IDY	4	4	4	4	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	43	44	45	46	50	55	60	65	70	75	164	
TE & NORD	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	
RGESS	0	0	0	90	180	182	180	180	180	180	90	8	8	8	8	8	8	8	8	200	370	370	371	375	390	390	390	400	809	787	854	
ARK & EDWARDS	0	0	0	6	13	13	13	13	13	13	13	13	13	13	13	13	13	13	20	29	29	29	29	31	35	38	41	44	45	50	55	
WDER	0	0	0	2	3	3	3	3	3	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	4	4	4	4	4	4	
NNINGS	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	
ST LABELLE	0	0	0	10	20	20	20	20	20	20	18	18	18	18	18	18	18	18	13	0	0	0	0	0	0	58	58	64	69	93	120	
NSOLIDATED FEEDER	0	0	0	0	0	0	0	0	2	4	6	8	10	12	14	15	16	17	18	19	20	20	20	23	41	48	66	80	93	93	93	
NFOOT	15	15	15	15	15	16	16	16	16	16	16	16	16	8	0	0	0	0	0	0	0	0	0	0	0	104	208	192	175	191	146	
ID	46	46	46	45	45	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	52	52	52	86	113	123	133	158	172	155	
XAS FEEDER	32	32	70	110	156	152	150	149	0	0	0	0	0	0	170	132	170	170	170	170	170	170	170	107	107	0	0	208	292	247	263	
LSON COREY	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	5	5	6	8	10	12	15	17	20	22	
LL - PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GBY	3	3	3	15	28	28	27	24	21	18	15	12	9	6	3	10	15	20	25	30	35	40	45	45	50	60	70	85	100	115	130	
LTS & ISLAND	0	0	0	0	0	5	10	15	20	25	30	35	40	40	42	44	46	48	50	52	54	54	54	60	66	72	78	84	103	133	333	
LABELLE & LONG ISLAND	0	0	0	5	10	10	10	9	8	8	7	7	6	6	6	20	30	40	50	60	70	97	97	97	0	0	108	144	180	208	278	
RMS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	40	93	36	40	80	119	160	170	190	214	
ORTH RIGBY	22	24	26	29	31	34	34	34	34	34	34	0	0	0	0	0	0	0	0	42	42	42	42	44	44	44	44	45	45	45	45	
HITE	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
LLIS	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
RAMWELL	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
UTTE & MARKET LAKE	0	0	0	0	25	50	50	50	60	70	80	90	100	100	100	103	105	107	109	111	113	114	115	116	116	107	98	118	177	201	208	
SGOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	50	65	75	75	
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREAT WESTERN	64	64	68	62	64	64	71	76	82	82	82	82	84	84	85	85	85	87	93	98	98	118	137	169	196	216	224	237	245	237	253	
POLATER	20	20	20	20	20	20	20	24	24	24	24	24	24	24	24	24	67	67	67	67	70	84	93	149	178	195	199	199	183	193	207	
COY & KELLER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
WOODVILLE	0	0	0	0	0	0	0	0	0	30	30	31	31	31	30	31	31	32	33	33	33	37	27	34	73	72	72	72	72	74	70	
SNAKE RIVER VALLEY	0	0	0	0	61	61	61	48	91	91	104	129	129	131	192	244	298	285	273	274	275	292	298	301	377	400	340	367	361	420	455	
TOTAL HEAD TO WOODVILLE	294	298	330	448	837	945	957	987	829	874	817	762	732	726	956	1010	1181	1193	1163	1383	1633	2007	1436	2041	2657	2497	3606	4204	5355	5231	6851	
RESERVATION	226	142	157	261	335	369	357	350	348	341	335	357	369	365	384	474	535	556	590	526	465	453	413	387	503	589	669	690	670	714	814	
BLACKFOOT	20	33	37	36	46	46	67	88	88	88	88	88	104	120	137	137	155	155	155	173	213	236	248	259	317	314	440	504	831	1317	832	
NEW LAVA SIDE	0	0	0	0	0	0	0	0	0	0	43	43	43	45	46	44	47	47	45	86	87	93	113	125	134	145	143	381	454	454	454	
PEOPLES	3	3	3	3	5	6	8	8	8	8	8	10	14	17	157	93	118	179	210	280	333	358	352	441	483	530	534	537	544	537	535	
ABERDEEN-SPRINGFIELD	313	144	256	313	308	331	347	328	328	328	352	390	470	541	591	607	604	621	630	758	817	833	902	905	950	998	1060	1080	1160	1140	1190	
CORBETT	1	1	1	10	20	20	35	24	35	35	35	35	35	35	35	52	107	104	104	104	104	104	114	114	140	151	144	136	118	120	120	
NIELSEN-HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RIVERSIDE	0	0	0	0	0	0	0	0	0	0	0	60	64	68	93	72	92	74	80	84	82	81	90	85	107	108	107	101	107	106	108	
DAINSKIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	80	96	113	135	158	161	213	240	247	246	249	244	244	240	235	
TAYLOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	42	50	54	70	57	78	80	42	87	87	87	87	
WEARYRICK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WESTON	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	10	13	18	24	30	36	42	43	41	40	40	45	50	55	60	65	
PARSONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
											4	4	4	4	39	80	83	86	88	89	104	93	111	111	116	103	116	111	107	104	111	
											0	0	0	0	0	0	0	10	10	10	18	18	18	18	37	40	43	40	40	40	38	
TOTAL WOODVILLE TO CLOUGH	566	416	447	626	819	975	819	808	811	804	865	987	1108	1211	1511	1614	1865	1998	2104	2330	2469	2560	2693	2847	3138	3359	3520	4141	4355	4260	4760	

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR MAY 1933

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
RICE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDERSON	12	12	12	12	12	12	15	15	15	15	15	15	23	23	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	679
EAGLE ROCK	4	4	4	15	25	15	25	25	15	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	463
FARMERS FRIEND	5	5	5	15	25	25	25	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	93
ENTERPRISE	36	36	36	20	4	4	4	4	4	4	12	20	20	20	20	42	47	53	58	63	48	73	83	99	140	182	160	330	301	198	354	2477
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	0
MATTSON & CRAIG	0	0	0	0	0	0	0	0	0	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	111
BRINSBERGER	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	2	2	2	3	59
BUTLER ISLAND	0	0	0	0	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	15	20	26	32	35	346
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	4	8	8	9	9	47
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	5	10	10	10	10	61
HARRISON	15	15	15	15	60	115	113	114	114	113	112	112	111	111	110	110	110	110	55	0	0	0	0	0	0	0	0	251	251	380	485	518	3547
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	0	0	0	2	2	2	8
BOOMER	2	2	2	4	5	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	221
RUDY	4	4	4	4	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	43	44	45	46	50	55	60	65	70	75	164	327	1540
KITE & MORD	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	55
BURGESS	0	0	0	90	180	182	180	180	180	180	90	4	8	8	8	8	8	8	8	200	370	370	371	375	380	390	380	400	809	787	434	7082
CLARK & EDWARDS	0	0	0	6	13	13	13	13	13	13	13	13	13	13	13	13	13	13	20	19	19	19	19	32	35	38	41	44	45	50	55	664
LOWDER	0	0	0	2	3	3	3	3	3	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	4	4	4	4	4	73
JENNINGS	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	15
EAST LABELLE	0	0	0	10	20	20	20	20	20	20	18	18	18	18	18	18	18	18	13	0	8	8	8	8	8	58	58	64	69	91	110	797
CONSOLIDATED FEEDER	0	0	0	0	0	0	0	0	2	4	6	8	10	12	14	15	16	17	18	19	20	20	20	23	41	48	66	80	93	93	93	739
LENROOT	15	15	15	15	15	16	16	16	16	16	16	16	16	8	0	0	0	0	0	0	0	0	0	0	104	208	192	175	191	196	184	1459
REID	46	46	46	45	45	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	52	52	52	86	113	123	133	138	172	155	1633
TEXAS FEEDER	32	32	70	110	156	152	150	149	0	0	0	0	0	0	170	132	170	170	170	170	170	170	170	107	107	0	0	288	292	247	263	3647
NELSON COREY	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	5	5	6	8	10	12	15	17	20	22	160
HILL-PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIGBY	3	3	3	15	28	28	27	24	21	18	15	12	9	6	3	10	15	20	25	30	35	40	45	45	50	60	70	85	100	115	130	1040
DILTS & ISLAND	0	0	0	0	0	5	10	15	20	25	30	35	40	40	42	44	46	48	50	52	54	54	54	60	66	72	78	84	103	133	133	1343
W LABELLE & LONG ISLAND	0	0	0	5	10	10	10	9	8	8	7	7	6	6	6	20	30	40	50	60	70	97	97	97	0	0	108	144	180	208	228	1521
PARKS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	90	93	36	40	80	119	160	170	180	214	1232
NORTH RIGBY	22	24	26	29	31	34	34	34	34	34	34	0	0	0	0	0	0	0	0	42	42	42	42	44	44	44	44	45	45	45	45	860
WHITE	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	6	7	8	8	8	76
ELLIS	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	43
BRAMWELL	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	46
BUTTE & MARKET LAKE	0	0	0	0	25	50	50	50	60	70	80	90	100	100	100	103	105	107	109	111	113	114	115	116	116	107	98	118	137	201	208	2548
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	50	65	75	75	300
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	2	2
KENNEDY	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	3	3	10	10	18	18	73
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	338	386	485	567	591	896	894	4159
GREAT WESTERN	64	64	68	62	64	64	71	76	82	82	82	82	84	84	85	85	85	87	93	98	98	118	137	169	196	216	244	251	265	310	253	3347
PORTER	20	20	20	20	20	20	20	24	24	24	24	24	24	24	24	24	67	67	67	67	70	84	93	144	178	185	184	183	183	207	207	25
COY & KELLER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
WOODVILLE	0	0	0	0	0	0	0	0	0	30	30	31	31	31	30	31	31	32	33	33	33	37	27	34	33	72	72	73	73	74	76	985
SNAKE RIVER VALLEY	0	0	0	0	61	61	61	98	91	91	104	129	129	131	142	144	198	285	253	294	275	282	288	301	332	400	340	367	326	420	533	6518
TOTAL HEBE TO WOODVILLE	284	286	330	448	837	945	937	987	829	874	817	762	732	726	856	1010	1181	1193	1163	1383	1633	2007	1436	1642	2857	2491	2604	2824	3253	3351	3857	59281
RESERVATION	126	142	157	261	335	369	357	350	348	341	335	357	369	365	384	479	535	556	580	526	465	432	413	387	503	589	685	690	570	614	784	15850
BLACKFOOT	20	33	27	36	46	46	67	88	80	88	80	88	104	120	137	137	155	155	155	173	213	236	240	255	317	311	330	330	331	317	356	5014
NEW LAVA SIDE	0	0	0	0	0	0	0	0	0	0	43	43	43	45	46	44	47	47	45	46	39	39	39	32	44	349	348	345	351	357	356	2016
PEOPLES	3	3	3	3	3	5	8	8	8	8	8	10	19	27	137	93	119	199	228	280	333	352	359	448	463	578	584	597	584	580	554	5338
AB FALLEN SPRINGFIELD	333	344	256	313	308	331	347	338	328	326	352	340	470	541	592	607	604	621	686	758	815	835	802	805	850	998	1040	1082	1160	1140	1190	16294
CORBETT	1	1	1	10	10	10	35	24	31	35	35	35	35	35	35	52	102	104	106	104	104	104	116	154	140	157	141	138	153	153	153	2347
MELLEN-HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	0	0	0	0	0	0	0	0	0	60	64	68	73	72	72	76	80	84	82	81	90	95	103	108	104	108	107	106	100	1650
BANKRUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	80	96	103	135	158	181	213	248	248	249	248	240	240	235	235	3693
TREGO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	42	50	54	70	77	78	80	82	87	87	87	87	831
WEARYRICK	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	10	13	18	27	30	36	43	43	41	40	40	43	50	55	60	65	525
WILSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	18	27	30	36	43	43	41	40	40	43	50	55	60	65	536
PARSONS	3	3	3	3	4	4	5	5	4	4	4	4	4	4	79	80	83	86	88	89	104	93	111	111	114	103	116	113	108	104	118	1483
TOTAL WOODVILLE TO CHAUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	18	18	18	18	18	18	57	43	43	49	49	40	38	1483
	886	916	947	1216	1718	1975	1919	1808	1811	1804	1765	1987	1108	1311	1511	1814	1885	1992	2109	2330	2464	2560	2693	2944	3359	3535	3520	3554	3557	3649	3748	57854

PLATE 140

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR JUNE 1933

	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] CANAL																															
[illegible]	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	[illegible]
[illegible]	387	421	416	410	410	410	410	410	399	399	390	416	430	407	430	446	449	455	449	434	416	460	474	463	463	458	451	446	436	436	[illegible]
ANDERSON	5	15	206	206	222	293	381	312	206	208	285	372	457	581	587	587	591	587	591	578	607	631	631	631	631	631	631	631	631	631	[illegible]
CACHE-ROCA	385	450	442	446	415	385	354	371	377	391	414	431	456	512	504	506	562	540	533	533	533	535	538	490	490	490	490	446	446	446	[illegible]
FARMERS FRIEND	191	149	180	163	151	161	169	203	208	207	215	207	200	193	191	184	210	211	211	211	213	233	237	232	236	210	207	191	204	204	[illegible]
ENTERPRISE	0	0	0	2	4	6	7	7	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	4	4	4	4	4	[illegible]
NELSON	7	7	6	6	7	8	9	9	10	10	10	11	12	12	13	13	14	15	14	14	14	14	15	15	15	15	15	15	15	15	[illegible]
ANDERSON & CARIB	7	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	3	3	3	3	3	3	2	[illegible]
ARNSBERGER	40	40	40	40	40	40	40	40	42	45	50	55	60	65	65	65	65	65	65	65	65	65	65	65	65	53	53	50	50	51	[illegible]
BUTLER ISLAND	4	4	4	10	10	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	4	4	4	[illegible]
ROSS & RAND	10	9	9	9	9	8	8	7	7	7	8	9	9	10	10	10	10	10	10	10	11	12	12	12	13	13	13	9	9	10	[illegible]
STEER	572	572	572	561	550	539	528	521	529	537	541	550	568	569	570	572	568	563	565	568	565	566	560	561	560	559	526	523	449	454	[illegible]
HARRISON	5	8	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	10	10	10	10	10	10	10	6	7	[illegible]
CHENEY	8	8	8	8	8	8	8	8	12	30	30	29	28	24	24	189	192	186	192	53	51	51	51	51	51	51	51	19	28	30	[illegible]
BOOMER	241	231	227	243	263	268	245	236	206	204	245	282	296	304	278	292	308	311	311	311	311	311	311	311	311	312	308	241	192	192	[illegible]
HUDY	5	6	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	4	9	10	10	9	9	8	8	8	9	7	7	8	[illegible]
KITE & NORD	980	972	980	867	867	867	755	755	883	919	947	964	1030	972	1080	1050	1040	1070	1070	1030	1020	1010	1020	1020	1020	1010	1020	867	867	867	[illegible]
BURGESS	60	63	66	68	71	74	74	72	77	77	82	90	90	90	93	96	100	100	99	102	98	95	93	99	99	103	99	70	71	70	[illegible]
CLARK & EDWARDS	4	4	20	38	38	38	38	38	40	42	50	60	60	60	60	60	60	63	63	63	63	60	60	60	50	40	30	20	20	44	[illegible]
LOWDER	2	2	2	6	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	8	3	3	2	1	1	4	[illegible]
JENNINGS	0	127	127	134	141	141	134	130	141	134	134	141	141	153	141	153	141	153	141	144	153	153	150	153	152	150	141	127	127	122	[illegible]
EAST LABELLE	103	112	122	112	103	103	103	100	97	106	112	122	132	138	189	179	158	158	158	148	162	179	178	169	163	158	153	148	154	148	[illegible]
CONSOLIDATED FEEDER	160	160	151	155	155	151	151	155	136	163	216	214	214	213	227	232	258	252	244	205	211	191	194	196	165	195	203	211	158	111	[illegible]
LENROOT	187	176	143	133	154	154	154	136	119	141	141	173	185	185	173	184	188	191	194	203	204	202	196	198	193	198	198	142	130	132	[illegible]
REID	371	392	288	313	351	347	292	351	302	309	353	355	347	334	355	193	265	397	384	380	368	334	292	288	287	287	208	263	305	331	[illegible]
TEXAS FEEDER	22	22	22	22	22	22	22	22	27	27	27	27	27	26	25	24	23	22	21	20	19	18	17	16	15	14	14	15	20	24	[illegible]
NELSON COREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	[illegible]
HILL-PETTINGER	176	182	169	165	201	233	219	221	196	215	215	223	225	226	166	189	199	246	247	258	258	258	258	253	247	216	154	168	168	176	[illegible]
RIGBY	119	135	148	148	154	154	154	154	141	148	154	135	125	168	160	187	196	201	206	206	196	201	200	200	210	204	198	209	232	208	[illegible]
DILTS & ISLAND	294	314	346	359	371	427	481	494	491	508	500	491	513	502	513	502	513	540	545	567	567	548	567	567	571	575	557	512	526	514	[illegible]
W. LABELLE & LONG ISLAND	234	190	136	261	252	268	258	235	245	272	280	310	314	366	370	366	406	384	398	460	409	418	418	411	406	414	348	373	346	346	[illegible]
PARKS & LEWISVILLE	46	46	46	46	47	47	47	48	48	50	55	60	65	72	62	62	62	62	62	62	62	62	64	70	73	75	75	45	45	45	[illegible]
NORTH RIGBY	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	8	6	6	6	[illegible]
WHITE	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	5	5	6	6	7	7	7	7	7	6	6	6	5	4	4	[illegible]
ELLIS	3	3	3	3	3	3	3	3	3	3	3	4	5	6	6	7	7	8	9	10	10	11	11	10	10	10	10	10	11	10	[illegible]
BRAMWELL	214	242	250	256	280	274	274	286	241	236	233	255	269	253	241	260	280	290	290	277	276	263	259	242	224	217	201	214	290	291	[illegible]
BUTTE & MARKET LAKE	90	90	100	100	100	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	114	114	114	[illegible]
OSGOOD	0	0	0	0	0	0	3	4	3	4	0	0	0	0	3	4	3	4	0	0	0	0	3	4	0	0	0	0	0	0	[illegible]
BEAR ISLAND	2	2	1	2	1	1	2	1	1	1	0	2	1	1	2	0	0	0	0	0	0	2	1	2	0	1	1	1	1	0	[illegible]
SMITH	18	18	18	18	18	18	18	18	18	18	18	18	33	47	47	47	47	47	47	47	46	45	45	44	44	43	43	42	40	40	[illegible]
KENNEDY	1010	1100	1110	896	834	803	728	788	727	834	896	1010	1110	1170	1220	1170	1140	1150	1170	1150	1150	1120	1140	1070	1070	1030	625	963	960	861	[illegible]
IDAHO	530	491	459	447	481	498	512	523	516	522	518	520	544	558	567	540	534	534	535	529	527	520	511	502	500	506	502	504	502	492	[illegible]
GREAT WESTERN	221	241	241	250	259	259	263	263	264	275	238	241	245	249	247	243	243	249	240	241	241	241	234	234	234	234	234	234	234	234	[illegible]
PORTER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	[illegible]
COY & KELLER	77	98	94	88	84	84	83	88	91	91	92	93	112	113	114	113	105	95	102	99	96	93	91	93	98	98	98	96	93	96	[illegible]
WOODVILLE	517	573	514	407	407	504	573	575	573	567	556	567	600	774	789	744	681	551	551	641	956	771	775	754	706	641	651	702	653	653	[illegible]
SNAKE RIVER VALLEY																															[illegible]
TOTAL HAGE TO WOODVILLE	7214	7602	7880	7500	7558	7784	7736	7786	7683	8014	8170	8838	9382	9424	9480	9429	10040	10102	10148	10007	10083	10041	9981	9818	9769	9592	9414	9422	9178	8984	[illegible]
[illegible]	813	823	780	531	596	818	818	800	796	811	823	843	841	355	342	710	634	618	630	427	584	598	607	600	607	618	542	467	494	494	[illegible]
RESERVATION	340	333	331	335	352	340	350	343	342	343	354	355	358	362	364	374	376	374	372	370	346	346	342	350	358	348	335	331	330	308	[illegible]
BLACKFOOT	142	142	144	134	142	157	157	124	168	157	150	174	144	201	156	154	147	157	177	143	142	144	141	142	142	142	142	133	133	133	[illegible]
NEW LAVA SIDE	534	530	527	540	552	544	552	570	553	550	563	572	570	552	551	537	532	532	530	530	530	524	520	520	532	530	530	530	530	530	[illegible]
PEOPLES	1130	1130	1130	1140	1110	1200	1200	1140	1140	1140	1180	1210	1180	1160	1170	1170	1170	1180	1130	1130	1170	1190	1170	1190	1190	1170	1170	1140	1260	1140	[illegible]
BELRIDLENE SPRINGFIELD	140	133	142	143	143	142	142	143	176	155	161	162	181	179	160	164	164	164	162	182	180	180	180	179	166	157	144	163	211	193	[illegible]
CORBETT	8	8	9	10	11	11	12	15	15	17	18	20	21	23	23	21	19	19	17	17	15	14	13	12	11	10	10	9	11	11	[illegible]
NIELSEN-HANSEN	105	110	111	112	118	117	115	114	113	113	116	121	133	134	139	133	130	124	130	139	126	127	128	129	130	127	124	124	124	127	[illegible]
RIVERSIDE	230	234	235	234	237	237	236	230	237	233	230	235	244	251	251	237	233	208	204	200	196	200	203	207	210	214	214	202	198	197	[illegible]
DANIELS	83	72	70	71	72	75	75	74	74	73	74	75	76	77	78	67	66	66	81	81	81	80	78	74	75	72	70	65	64	63	[illegible]
TRIGO	70	72	69	69	63	60	63	66	64	72	75	78	81	84	88	86	84	82	80	78	76	73	71	69	68	67	67	66	66	66	[illegible]
WHARYRICK	119	134	133	133	125	114	133	120	118	119	130	132	134	138	140	134	140	140	140	140	136	133	130	124	122	120	114	114	100	113	[illegible]
WATSON	38	38	43	42	41	40	40	39	38	38	37	38	40	40	40	43	43	43	42	41	41	39	40	40	40	38	40	35	33	31	[illegible]
DARLINGS																															[illegible]
TOTAL WOODVILLE TO HEAD																															[illegible]

PLATE NO. 3

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR JULY 1933

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
BIRCH	21	21	21	21	21	22	22	15	0	6	26	37	37	36	34	33	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	1014
PATTERSON	347	347	347	347	355	347	347	347	350	341	343	347	343	343	345	375	335	369	405	441	439	439	439	439	439	439	439	439	439	439	439	12,100
EIGHT MILE	483	479	443	437	516	437	437	438	490	561	541	539	541	600	600	570	573	591	639	640	640	637	640	640	640	640	640	640	640	640	640	18,553
FARMERS FRIEND	348	338	348	343	348	348	348	348	348	348	348	348	348	348	348	384	384	384	385	405	402	403	403	401	400	405	347	348	348	348	348	10,769
ENTERPRISE	209	198	184	182	209	209	209	209	133	131	114	114	117	114	128	130	128	128	128	126	122	121	121	120	119	120	119	119	118	118	118	4,147
NELSON	4	0	0	0	5	0	3	0	0	0	0	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
WATSON & CRAIG	16	16	16	14	10	10	20	9	9	9	9	9	8	9	9	9	7	7	8	7	15	14	11	9	8	8	12	11	11	11	15	331
RANSBERGER	3	2	0	0	0	5	4	4	4	3	2	5	4	3	3	5	5	5	4	3	2	0	0	0	0	0	3	3	0	0	0	70
BUTTER ISLAND	49	49	48	46	48	45	47	47	47	47	49	49	49	49	49	51	51	51	51	51	51	51	51	51	50	50	51	50	50	50	50	1,516
ROSS & RAND	4	4	4	4	5	7	6	6	6	6	5	7	7	6	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	157
SICILLE	8	8	8	8	8	10	8	8	8	7	7	7	8	7	7	7	7	8	7	8	7	7	7	6	7	7	7	7	7	8	8	235
HARRISON	422	434	441	470	470	470	468	470	474	470	468	483	470	468	464	470	470	474	471	468	463	470	472	473	467	472	472	472	466	470	466	14,155
CHENEY	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	183
BOOMER	19	19	19	10	10	12	12	12	12	75	74	146	155	155	181	178	172	163	162	160	160	159	158	156	157	149	145	12	10	10	10	2,978
RUDY	192	192	196	196	196	196	194	191	191	191	191	191	190	189	194	191	190	186	184	183	180	180	179	179	179	181	180	180	179	178	177	5,607
KITE & NORD	7	8	7	9	9	11	11	9	10	8	0	8	8	7	8	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	220
BURGESS	843	835	843	835	835	835	835	827	827	819	827	827	827	819	827	827	827	827	811	803	803	799	799	795	795	795	795	795	795	795	795	25,113
CLARK & EDWARDS	70	70	71	70	71	70	69	70	70	68	69	68	68	68	71	71	70	71	71	70	71	71	71	71	70	71	70	71	70	70	70	2,133
LOWDER	40	40	39	40	40	40	40	40	40	40	40	47	46	46	47	47	50	47	3	3	3	3	3	3	49	50	49	50	51	51	0	1,167
JENNINGS	3	8	8	8	12	12	11	9	8	8	10	2	2	2	2	3	8	4	8	8	0	0	0	0	8	8	8	8	8	9	8	192
EAST LABELLE	137	137	137	132	137	137	137	137	137	137	137	137	131	137	135	137	135	137	135	135	134	133	134	130	130	133	133	133	132	132	132	4,096
CONSOLIDATED FEEDER	134	103	98	70	113	114	85	84	79	89	90	106	104	107	104	102	100	94	103	103	113	113	115	115	73	70	91	90	104	103	111	3,116
LENROOT	111	139	107	139	116	122	114	132	132	76	74	74	72	141	165	175	165	147	141	110	109	25	25	25	19	34	35	137	144	141	136	3,776
REID	137	147	119	126	116	116	145	147	131	115	152	152	153	151	153	167	169	137	121	147	147	147	147	123	143	146	148	148	148	135	135	146	4,155
TEXAS FEEDER	307	267	310	245	247	247	202	237	259	259	241	241	234	235	239	249	227	223	223	223	204	206	206	206	208	208	216	216	197	193	218	7,165
NELSON-COREY	33	17	15	16	17	17	17	17	16	15	9	11	17	17	17	17	14	13	14	13	11	11	11	10	11	7	13	10	7	10	12	493
HILL-PETTINGER	4	6	5	5	6	6	3	3	3	3	2	2	3	3	3	3	3	3	3	3	2	0	0	0	0	0	0	0	1	2	3	80
RIGBY	170	166	166	164	159	159	159	156	157	157	157	157	156	156	157	156	156	159	159	158	159	159	159	157	160	160	160	160	157	158	157	4,915
DILLS & ISLAND	178	174	185	174	180	186	197	200	202	197	194	191	190	194	171	153	155	144	142	138	101	101	101	101	96	96	103	155	100	100	100	4,914
W. LABELLE & LONG ISLAND	483	478	478	456	440	524	524	524	524	508	518	521	521	513	497	501	501	524	516	518	511	516	516	508	518	513	513	513	510	510	491	15,674
PARKS & LEWISVILLE	345	345	345	345	345	352	352	352	352	341	352	352	352	352	348	352	351	353	353	352	352	350	350	348	348	348	348	348	348	348	348	10,761
NORTH RIGBY	49	45	45	41	50	51	51	51	50	49	50	50	50	49	49	49	48	47	50	50	50	50	50	50	50	50	50	50	50	50	50	1,510
WHITE	5	3	4	3	3	4	5	5	5	5	5	4	7	6	5	4	4	5	5	5	5	5	5	5	5	5	5	5	6	5	6	132
ELLIS	2	2	2	2	2	4	4	4	4	4	3	3	5	5	3	3	3	3	5	4	4	4	4	5	5	5	5	5	6	6	6	135
BRAMWELL	8	8	5	8	7	10	10	10	10	10	9	10	7	10	7	6	7	6	10	10	8	8	8	8	8	8	8	8	10	10	9	361
BUTTE & MARKET LAKE	232	230	228	194	195	274	281	252	252	251	144	220	228	242	256	270	296	297	296	290	290	290	290	288	288	288	288	288	288	288	288	7,665
OSGOOD	0	0	0	6	114	104	113	113	113	113	113	113	113	113	113	112	112	113	113	113	113	113	113	113	113	113	113	113	113	113	113	3,504
BEAR ISLAND	3	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
SMITH	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	19
KENNEDY	0	0	0	0	40	48	49	50	49	49	50	48	47	47	47	47	46	46	46	46	45	45	43	41	39	38	38	37	41	40	40	1,104
IDAHO	874	855	821	818	800	986	989	1010	1028	1090	1080	1080	1120	1120	1130	1130	1120	1120	1120	1160	1110	1110	1110	1110	1110	1130	1130	1170	1150	1100	1150	33,918
GREAT WESTERN	100	0	0	0	361	488	494	488	488	484	482	484	487	484	484	481	480	478	476	472	469	468	458	452	442	442	442	458	458	472	13,956
PORTER	20	19	19	19	234	232	233	234	237	237	237	233	237	237	237	235	237	239	237	237	237	234	234	236	234	234	233	234	234	234	234	4,956
COY & KELLER	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	45
WOODVILLE	0	0	0	0	89	109	106	105	102	98	82	81	80	78	76	73	73	72	76	74	70	70	0	0	72	75	70	74	69	69	69	1,901
SNAKE RIVER VALLEY	611	611	572	427	560	671	655	752	747	691	629	500	735	737	710	720	723	716	714	714	742	735	752	758	672	678	735	725	335	0	0	19,461
TOTAL HEAD WOODVILLE	7094	6896	6877	6743	7590	8033	8031	8124	8081	8104	7983	8248	8301	8361	8509	8531	8542	8547	8440	8466	8434	8371	8265	8123	8133	8240	8208	8307	8144	8144	8321	246,250
RESERVATION	632	618	636	628	610	618	632	614	618	616	586	569	583	588	558	598	618	614	601	586	144	0	0	0	0	0	0	0	0	0	0	18,360
BLACKFOOT	294	294	293	294	274	278	343	352	350	334	333	343	370	363	350	380	369	365	369	368	368	370	375	355	345	333	337	336	332	332	332	10,347
NEW LAVA SIDE	168	150	0	0	151	152	152	151	151	151	152	152	150	151	151	152	151	151	149	151	152	152	153	153	150	150	152	153	148	152	151	4,702
PEOPLES	344	341	88	90	337	349	460	454	435	435	434	434	434	434	434	434	434	434	433	434	434	434	434	408	434	434	434	434	434	434	434	13,512
ARMOUR LINE SPRINGFIELD	1210	1151	1242	1242	1251	1170	1230	1230	1260	1230	1250	1250	1250	1250	1250	1260	1270	1260	1260	1260	1270	1270	1270	1270	1250	1250	1250	1250	1250	1250	1270	38,809
CORBETT	140	116	104	147	118	130	124	121	126	0	0	48	94	83	70	118	135	135	137	136	80	83	89	104	108	104	46	100	76	91	104	3,147
NIELSEN-HANSEN	18	18	14	11	4	0	9	4	5	7	10	8	10	7	8	8	15	14	14	13	14	14	13	12	12	11	11	10	9	9	9	354
RIVERSIDE	120	120	118	8	0	106	111	106	113	112	110	110	108	104	103	104	103	112	112	110	106	104	104	104	104	104	104	104	104	104	104	3,167
DANSKIN	135	132	98	134	151	161	157	164	160	158	161	164	153	140	118	167	169	169	168	170	170	170	172	172	172	172	172	172	172	172	172	5,145
TREGO	62	58	56	56	55	58	63	62	62	62	54	59	62	62	62	62	64	58	62	62	60	60	60	62	62	62	62	62	62	62	62	1,874
WEARYRICK	53	48	47	47	44	38	36	48	48	51	51	47	43	34	26	48	65	67	65	62	47	61	54	53	53	50	50	50	48	47	48	1,532
WATSON	94	97	96	93	98	83	89	90	87	89	93	93	96	96	97	115	152	147	135	134	130	130	130	101	101	96	96	97	97	97	97	3,173
PARSONS	23	23	22	22	23	23	23	23	22	23	23	23	23	23	23	6	22	21	24	24	24	22	22	22	22	22	22	22	22	22	22	720
TOTAL WOODVILLE-CLOUGH	11310	11100	11016	10784	11581	12153	12494	12496	12465	12315	12146	12321	12318	12360	12404	12471	12585	12539	12419	12383	12075	11940	11894	11749	11743	11763	11750	11860	11743	11781	12035	382,035

PLATE NO 3

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR AUGUST 1933

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
RUBY	21	15	15	15	14	20	20	14	13	12	17	17	17	16	15	16	14	14	13	7	6	5	5	0	10	10	10	6	4	5	10	4
ANDERSON	406	385	335	347	347	396	400	404	401	391	396	381	393	381	381	363	378	375	378	400	391	389	391	391	391	391	391	385	391	391	391	11
EAGLE ROCK	631	631	644	631	615	609	618	618	581	562	576	574	587	591	570	545	530	526	523	485	403	398	351	343	343	343	343	343	343	343	343	14
FARMERS FRIEND	401	347	349	347	350	350	348	348	349	346	350	348	349	348	349	348	349	349	349	348	347	350	318	296	312	312	312	310	313	313	313	10
ENTERPRISE	117	116	104	115	114	114	120	120	120	120	120	120	121	120	120	120	120	120	100	100	100	101	101	101	101	101	101	101	44	102	10	3
NELSON	0	0	0	0	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	3
NELSON & CRAIG	8	8	10	8	10	9	10	13	7	7	7	7	12	15	13	8	8	6	7	0	0	11	13	7	7	7	7	7	7	7	8	4
HANSBERGER	0	0	0	0	0	0	0	0	0	5	5	2	3	3	3	0	0	0	0	2	0	1	3	3	0	0	0	0	0	0	0	1
BUCCA ISLAND	50	50	51	51	50	50	14	51	51	50	50	50	50	44	50	49	49	49	52	51	50	51	47	44	50	49	51	48	44	48	47	1
ROSS & RAND	5	5	5	5	5	3	5	5	5	5	5	5	5	4	6	6	5	5	5	5	5	5	4	4	4	4	4	4	4	5	5	1
STEELE	8	8	7	7	7	8	9	9	9	9	9	9	8	9	9	10	1	9	4	8	8	8	6	8	8	7	8	8	8	8	7	2
HARRISON	470	2	2	2	2	1	444	477	478	479	474	474	472	474	472	10	8	8	8	6	6	2	432	456	468	470	6	6	10	10	10	2
CHENEY	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	6	6	6	6	5	1
BOOMER	10	10	12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	2
RUDY	174	173	172	170	169	188	187	186	185	185	184	184	182	180	179	179	190	190	191	189	189	174	163	189	170	170	177	177	177	177	176	5
KITE & NORO	6	7	8	8	8	8	7	0	0	0	0	7	0	0	1	0	0	0	0	0	0	0	0	0	0	8	9	0	0	1	0	
BURGESS	616	586	576	586	582	582	578	586	597	597	593	593	593	593	591	586	593	578	574	387	387	373	376	376	373	373	401	401	401	401	401	15
CLARK & EDWARDS	70	70	70	69	69	69	68	68	68	67	67	67	68	68	67	67	67	70	70	70	70	68	59	70	71	70	70	69	68	70	69	2
LOWDER	3	3	3	3	47	44	46	46	46	0	0	0	0	0	0	31	53	55	56	6	14	16	14	14	14	14	12	12	12	9	6	
JENNINGS	0	0	0	0	11	7	8	7	7	0	0	0	0	0	0	8	8	8	8	1	0	0	1	2	2	2	2	0	0	0	0	
EAST LABELLE	123	121	121	121	120	120	115	122	122	121	123	122	122	122	121	123	119	117	116	117	115	118	105	118	118	116	116	105	111	116	116	3
CONSOLIDATED FEEDER	101	97	90	75	96	98	107	107	93	110	108	110	0	116	87	79	74	82	87	91	90	85	97	75	69	64	64	80	82	80	66	2
LENROOT	154	130	34	34	30	31	31	28	31	28	109	98	131	155	155	136	78	34	29	26	26	35	31	33	30	87	77	95	77	75	69	2
REID	146	145	145	144	144	146	147	147	150	145	142	140	142	138	134	137	133	135	139	147	103	114	110	92	84	90	123	125	123	123	114	4
TEXAS FEEDER	214	214	206	210	208	212	212	212	213	212	201	195	201	197	197	191	187	191	191	202	202	206	214	214	195	189	178	182	182	178	174	6
NELSON-COREY	12	11	10	10	10	11	12	12	12	11	12	11	11	11	10	9	9	9	9	10	9	14	11	10	9	9	8	11	9	8	7	
HILL-PETTINGER	3	3	3	3	3	3	3	4	5	4	5	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	
RIGBY	161	158	158	158	157	154	154	151	152	150	151	149	152	149	149	148	153	155	153	158	134	121	115	90	130	123	149	113	111	108	110	4
OLIVE & ISLAND	101	98	96	96	96	96	130	130	130	128	127	41	43	44	43	43	43	43	130	131	128	90	84	75	76	76	78	88	83	88	124	3
W. LABELLE & LONG ISLAND	472	478	500	456	454	454	437	421	421	418	418	427	427	400	405	402	413	416	416	427	387	381	366	350	361	356	356	340	346	338	333	12
PARIS & LEWISVILLE	340	348	352	352	350	350	350	350	352	352	340	340	340	288	306	312	343	316	290	292	292	280	283	260	297	290	290	277	297	293	278	9
NORTH RIGBY	48	50	50	48	50	48	47	48	48	47	48	48	48	47	48	45	47	47	47	47	44	44	42	43	45	46	45	47	47	47	47	1
WHITE	6	6	6	7	6	6	6	3	3	3	3	3	5	5	5	4	5	5	5	5	7	6	6	4	5	4	4	6	6	5	5	
ELLIS	5	6	7	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	3	3	2	4	4	4	4	4	4	4	3	
BRAMWELL	9	10	10	10	10	10	8	8	7	8	7	8	9	9	9	11	11	11	11	11	10	10	5	9	9	8	11	10	10	10	6	2
BUTTE & MARKET LAKE	101	0	57	114	134	150	168	186	207	201	152	104	105	106	108	99	90	144	197	201	205	209	186	163	144	126	146	141	139	142	144	4
OSGOOD	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	3
BEAR ISLAND	3	3	3	0	2	3	3	3	3	0	3	3	0	0	3	3	3	0	0	0	0	3	3	1	0	0	0	3	3	0	0	
SMITH	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
KENNEDY	39	38	31	32	33	30	28	26	25	0	0	25	25	25	25	28	32	36	41	39	37	36	34	27	26	28	26	29	28	29	30	8
IDAHO	1210	1170	1180	1140	1066	1070	1070	1050	1070	1070	1060	1000	998	998	992	998	998	998	1010	998	998	886	749	740	749	871	744	871	939	809	806	30
GREAT WESTERN	367	321	335	348	342	331	330	311	307	316	318	330	330	325	325	316	333	330	337	345	335	328	330	332	338	337	335	335	332	338	335	10
PORTER	163	171	168	170	171	171	168	165	162	162	164	165	164	163	160	158	157	152	146	146	146	146	146	146	152	157	159	161	163	178	183	4
COY & KELLER	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	
WOODVILLE	73	72	71	75	78	80	82	84	0	0	0	82	79	76	74	74	74	74	0	0	0	0	79	77	74	73	72	72	0	0	0	0
SNAKE RIVER VALLEY	490	531	535	523	685	587	631	506	504	502	497	491	489	483	491	489	486	484	491	504	495	466	432	415	413	400	398	424	417	408	407	15
TOTAL HEISE TO WOODVILLE	7463	6912	6894	6886	6835	6754	7160	7167	7066	6957	6960	6910	6860	6906	6857	6750	6554	6547	6549	6500	5849	5350	5241	5253	5347	5335	5337	5322	5305	5310	5241	167
RESERVATION	0	0	0	50	44	99	50	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	348	378	359	356	354	344	345	344	333	326	324	341	350	311	266	274	270	270	254	229	224	229	230	230	230	232	223	230	230	232	230	8
NEW LAVA SIDE	153	0	0	0	0	154	148	149	149	150	149	0	0	0	0	149	152	152	154	152	152	150	152	151	150	0	0	0	0	150	150	2
PEOPLES	397	397	0	0	414	390	390	390	391	414	423	437	418	416	424	429	422	424	424	424	424	424	424	424	424	0	0	0	0	404	424	10
ABERDEEN-SPRINGFIELD	1180	1140	1160	1050	962	892	874	834	833	834	823	840	814	792	745	817	811	802	803	784	737	764	740	744	744	552	631	735	725	744	758	26
COPPERFIELD	135	136	134	134	135	119	115	131	125	127	120	114	107	116	115	101	91	85	85	100	124	131	140	134	135	85	124	134	134	87	58	3
NIELSEN-HANSEN	9	11	11	11	11	9	10	10	9	9	9	10	7	9	9	9	5	4	4	11	12	12	12	12	11	12	14	14	14	7	5	
RIVERSIDE	101	112	112	114	112	111	112	114	111	111	111	111	88	0	120	123	120	117	117	122	117	114	120	111	111	111	111	111	111	108	108	3
DANSKIN	174	183	175	174	181	182	175	177	182	176	174	180	181	177	182	177	170	168	166	174	184	174	178	178	180	157	140	143	143	154	146	5
FELGO	64	65	65	65	64	65	65	65	58	59	56	56	54	0	0	0	0	58	56	63	62	0	0	0	63	67	65	64	0	0	0	1
WEARYRICK	60	52	62	52	54	53	53	52	48	47	50	48	51	39	46	54	54	48	45	58	52	59	61	60	54	52	51	51	54	48	46	1
WATSON	123	97	104	98	97	96	101	95	94	98	97	94	103	99	98	99	94	101	94	105	101	99	103	97	94	91	93	93	97	88	85	3
BARTONS	34	35	32	33	32	31	32	33	31	31	21	20	23	33	32	32	32	33	34	32	33	32	33	33	33	33	33	34	34	33	33	
TOTAL WOODVILLE TO CLOUGH	2334	2598	2343	2335	2305	1555	2478	2376	2352	2337	2406	2371	2200	1977	2077	2335	2211	2357	2351	2349	2356	2186	2140	2133	2121	1635	1575	1584	1534	1624	2065	57

PLATE NO. 19

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR SEPT. 1933

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
RIES	0																														
ANDERSON	336	332	341	339	334	358	358	365	356	358	388	347	393	339	360	339	342	339	329	311	306	316	313	321	326	358	357	359	359	359	10,057
EAGLE ROCK	430	445	347	343	421	443	439	441	389	390	372	390	334	411	399	403	425	426	395	390	383	339	393	430	20	452	450	448	448	444	11,203
FARMERS FRIEND	300	284	284	282	280	297	344	344	344	344	344	386	386	272	330	256	254	249	246	234	231	239	245	250	249	254	253	254	254	254	8,941
ENTERPRISE	3	2	2	124	123	124	124	124	125	125	83	83	83	83	83	83	83	83	83	81	80	78	78	83	83	83	83	80	76	74	3,044
NELSON	3	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	25
MATSON & CRAIG	4	4	7	15	16	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	8	11	10	7	6	253
ARNSBERGER	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BUTLER ISLAND	48	48	51	46	48	49	44	46	44	44	46	44	48	47	46	46	44	44	43	43	43	44	43	44	44	44	43	43	42	40	1357
ROSS & RAND	5	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	2	2	2	2	6	5	5	5	2	2	2	2	1	1	134
STEELE	8	8	8	8	8	8	8	8	7	7	6	7	7	8	8	9	9	9	9	8	8	8	8	9	9	9	8	8	7	6	1135
HARRISON	8	428	460	439	8	6	6	3	3	3	460	460	488	6	6	4	4	4	4	456	468	472	472	17	10	12	10	10	8	7	2439
CHENEY	5	4	5	3	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7445
BOOMER	8	8	8	8	8	8	8	8	6	6	6	6	8	8	8	8	8	8	8	8	6	6	6	8	8	8	8	6	6	6	323
RUDY	162	120	120	116	106	106	106	102	100	100	88	80	126	126	125	125	123	124	154	141	145	145	145	119	80	78	77	73	73	64	3440
KITE & NORD	0	6	7	6	7	7	7	0	0	0	0	0	5	5	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
BURGESS	405	405	405	405	405	405	405	408	408	408	408	408	408	408	408	408	412	408	412	405	405	405	405	405	405	398	405	405	401	405	405	12160
CLARK & EDWARDS	70	71	71	70	71	71	71	71	67	68	65	71	60	60	60	60	64	70	68	62	66	70	71	71	71	70	68	67	65	60	2033
LOWDER	6	6	6	34	48	25	12	12	13	25	12	12	12	12	12	12	12	12	12	16	16	17	28	33	34	34	44	34	31	29	616
JENNINGS	0	0	0	9	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	16
EAST LABELLE	114	78	96	86	108	111	110	97	90	85	76	111	105	111	109	111	111	109	101	109	109	93	98	111	109	91	90	87	78	58	2943
CONSOLIDATED FEEDER	57	53	67	101	108	112	110	124	50	69	10	0	0	0	48	85	67	58	5	0	0	0	0	0	99	94	138	126	87	63	1744
LENROOT	24	16	16	12	30	43	47	111	107	131	139	139	117	112	104	94	88	83	81	107	103	100	100	111	88	20	26	26	20	16	2211
REID	115	106	100	103	106	108	108	109	109	109	109	100	109	97	90	90	99	93	83	84	80	80	81	90	90	83	80	72	58	47	2587
TEXAS FEEDER	138	136	125	135	143	158	161	178	185	184	165	163	152	151	120	128	104	88	59	56	54	36	44	88	158	151	127	124	41	15	3567
NELSON-COREY	4	2	0	0	0	0	0	2	10	10	13	13	13	8	2	2	0	0	0	0	0	0	0	0	4	2	0	0	0	0	85
HILL-PETTINGER	0	0	0	0	0	0	0	0	4	5	5	5	5	5	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	31
RIGBY	134	147	128	137	133	134	161	161	154	157	97	91	158	159	160	123	123	141	166	156	165	165	137	157	154	130	130	126	123	121	4259
DILTS & ISLAND	130	131	94	91	94	94	92	83	82	81	79	73	74	74	121	123	83	81	78	73	74	76	76	78	78	78	76	74	84	86	2611
W. LABELLE & LONG ISLAND	338	338	333	323	333	348	348	338	318	328	323	304	314	323	333	338	333	338	333	318	304	304	309	314	333	193	191	189	185	181	4115
PARKS & LEWISVILLE	283	280	300	287	287	302	302	292	255	258	261	278	282	292	311	283	263	263	263	244	260	260	263	280	247	247	250	247	208	208	8109
NORTH RIGBY	45	47	47	47	47	47	47	46	43	44	47	45	47	47	47	47	47	47	47	47	47	47	47	47	47	47	45	47	44	41	1387
WHITE	6	7	6	2	8	9	9	10	5	5	5	1	1	3	3	3	3	3	10	9	3	5	8	7	11	11	11	11	10	7	142
ELLIS	4	3	4	3	5	5	4	4	4	3	1	0	1	3	3	3	3	3	3	0	0	0	0	1	3	3	2	2	1	1	72
BRAMWELL	10	7	9	8	11	12	11	11	10	5	1	0	1	8	9	9	10	9	9	1	0	1	1	5	9	9	9	8	4	3	200
BUTTE & MARKET LAKE	131	132	94	118	122	125	128	128	128	130	132	134	124	129	122	117	116	115	114	46	46	39	32	30	28	26	26	25	24	24	2644
OSGOOD	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	56	56	111	111	111	111	111	111	111	3330
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	3	3	3	3	0	3	0	3	3	3	3	1	0	0	0	0	0	0	0	0	26
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	0	0	0	0	0
KENNEDY	28	26	28	24	29	29	29	28	28	30	32	33	22	24	23	22	22	22	22	23	27	27	27	27	27	27	27	27	24	20	778
IDAHO	806	806	806	806	806	931	931	931	1010	902	906	915	689	660	601	573	590	729	782	782	782	782	800	722	575	570	442	442	437	437	22009
GREAT WESTERN	333	334	339	342	334	341	335	338	339	320	311	310	193	155	105	105	109	109	102	100	96	94	98	94	103	102	102	94	87	84	5612
PORTER	197	197	197	197	197	204	204	204	205	202	198	145	71	71	66	61	60	58	57	57	58	64	64	64	63	63	63	63	63	63	3824
COY & KELLER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	30
WOODVILLE	0	94	78	78	78	0	0	10	10	10	10	10	10	10	80	80	81	81	82	10	10	10	10	10	10	10	10	10	10	10	912
SNAKE RIVER VALLEY	402	412	422	425	444	493	512	514	528	531	441	414	457	471	466	462	425	383	356	332	328	345	358	361	334	231	248	248	245	240	11840
TOTAL HEISE TO WOODVILLE	5337	5613	5519	5495	5521	5657	5637	5687	5606	5537	5731	5710	5145	4876	4906	4755	4652	4733	4593	4824	4905	4808	4872	4638	4099	4176	4145	4148	3917	4154	149,187
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	338	332	317	311	337	342	370	374	374	390	307	291	309	339	332	168	171	171	168	168	166	163	180	184	0	0	145	190	178	176	6761
NEW LAVA SIDE	153	158	149	152	81	82	82	80	81	84	102	102	102	103	102	102	78	80	78	78	79	78	78	76	76	78	78	78	78	78	2830
PEOPLES	414	424	420	414	424	0	0	0	0	424	420	418	432	424	418	413	0	0	0	0	0	0	0	0	433	424	424	424	433	418	7140
ABERDEEN-SPRINGFIELD	150	0	0	0	69	718	801	780	746	749	710	648	618	607	584	590	590	581	567	138	0	0	0	66	564	595	632	723	740	729	15,425
CORBETT	134	132	127	117	113	37	76	82	94	82	125	150	146	141	119	120	133	127	125	137	134	128	115	117	103	113	123	114	119	82	3478
NIELSEN-HANSEN	13	10	3	6	8	0	0	0	0	0	9	11	10	10	10	7	10	10	10	10	10	12	11	14	8	8	8	9	8	9	247
RIVERSIDE	112	110	108	108	106	91	104	106	104	104	114	115	114	113	113	101	104	104	102	103	103	98	86	85	80	86	66	66	66	65	2698
DANSKIN	182	178	173	171	169	103	56	130	142	135	183	204	209	204	151	175	175	173	173	175	177	174	116	119	106	127	127	124	51	51	4433
TARGO	67	63	61	57	63	0	0	0	25	63	63	70	0	0	0	0	63	64	65	0	0	0	0	0	0	0	64	64	65	62	911
WEARYRICK	49	51	49	45	43	40	30	35	35	37	59	44	64	61	58	58	58	61	61	61	43	36	54	65	56	42	47	47	47	44	1567
WATSON	92	91	104	99	94	94	50	76	83	90	109	132	108	110	104	105	103	97	97	97	97	98	97	103	89	103	89	80	81	81	3,144
PARSONS	24	24	25	23	24	24	16	24	24	25	27	29	27	26	25	23	23	23	23	23	23	22	22	23	22	24	24	24	24	23	783
TOTAL WOODVILLE TO CALOUGH	1155	1185	1141	1108	1120	1431	1498	1587	1616	1705	1330	1326	1324	1038	1006	1867	1502	1462	1406	1361	1351	1350	1360	1452	1290	1359	1350	1360	1340	1316	43,140

DATE 1933	JACKSON LAKE Cont. Ac. Ft.	MORAN STOR.	MORAN NORM.	MORAN TOTAL	TWIN LAKES DISCH.	TWIN LAKES ∇ MORAN STORED	MORAN HEISE LOSS STORED	SWAN VALLEY STORAGE DIVERSION
APR 22	523,520		33	33				
23	524,210		33	33				
24	524,910		38	38				
25	525,610		41	41				
26	526,300		43	43				
27	527,000		46	46				
28	527,930		59	59				
29	530,490		70	70				
30	533,380		67	67				
MAY 1	535,870		63	63				
2	538,210		65	65				
3	542,870		61	61				
4	545,600		63	63				
5	547,110		63	63				
6	549,210		65	65				
7	550,850		56	56				
8	552,490	0	46	46				
9	553,660	-288	372	44				
10	555,310	-522	565	43				
11	556,490	-595	639	44				
12	558,140	-833	879	46				
13	560,860	-1070	1122	52				
14	561,910	-833	881	48				
15	563,320	-495	541	46				
16	564,970	0	50	50				
17	568,740	0	59	59				
18	572,270	0	63	63				
19	576,040	0	65	65				
20	548,680	0	67	67				
21	582,440	0	56	56				
22	588,370	0	54	54				
23	594,780	0	59	59				
24	599,050	0	52	52				
25	602,840	0	46	46				
26	610,790	0	54	54				
27	618,380	0	59	59				
28	623,400	-244	288	44				
29	631,090	-1528	1576	48				
30	639,270	-1085	1090	65				
31	648,400	0	84	84				
JUN 1	660,510	0	84	84				
2	673,600	0	80	80				
3	688,230	0	90	90				
4	700,930	0	74	74				
5	713,310	0	74	74				
6	725,510	0	152	152				
7	738,870	0	1180	1180				
8	748,280	0	1520	1520				
9	758,780	0	1540	1540				
10	770,190	0	1560	1560				
11	782,780	0	1600	1600				
12	796,350	0	2520	2520				
13	807,180	0	4000	4000				
14	817,740	0	4620	4620				

DATE 1933	HEISE + RILEY STOR.	HEISE + RILEY NORM.	HEISE + RILEY TOTAL
APR 22			3740
24			4410
25			5140
26			5610
27			4270
28			7220
29			8180
30			7750
MAY 1			6890
2			4320
3			6380
4			6210
5			6100
6			6210
7			5770
8			5430
9	0		5010
10	-280		4810
11	-509		4680
12	-580		4580
13	-812		4540
14	-1040		4740
15	-812		5140
16	-482		5880
17	0		6840
18	0		7750
19	0		8120
20	0		8150
21	0		8940
22	0		10300
23	0		10500
24	0		9730
25	0		9500
26	0		10506
27	0		11710
28	0		11510
29	-231		11110
30	-1490		11610
31	-1000		13524
JUN 1	0		15723
2	0		18025
3	0		19225
4	0		18928
5	0		18228
6	0		18131
7	0		17431
8	0		16722
9	0		16414
10	0		16414
11	0		18415
12	0		20719
13	0		22027
14	0		24435
15	0		24735

DATE 1933	DIV. HEISE - SHELLEY STOR.	DIV. HEISE - SHELLEY NORM.	DIV. HEISE - SHELLEY TOTAL	HEISE TO SHELLEY LOSS STORED
APR 22				
24				
25				
26				
27				
28				
29				
30				
MAY 1			884	
2			206	
3			330	
4			478	
5			853	
6			995	
7			957	
8			987	
9			989	
10			894	
11			817	
12			762	
13			732	
14			726	
15			956	
16			1020	
17			1181	
18			1193	
19			1163	
20			1383	
21			1633	
22			2007	
23			1936	
24			2042	
25			2657	
26			2991	
27			3606	
28			4294	
29			5253	
30			4251	
31			6851	
JUN 1			7214	
2			7602	
3			7880	
4			7500	
5			7556	
6			7289	
7			7236	
8			7186	
9			7687	
10			8014	
11			8370	
12			8838	
13			9382	
14	0		9754	
15	138	9762	9900	

DATE 1933	REXBURG	DATE 1933	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL
	2000	APR 22			5500
	2300	23			5310
	2320	24			4980
	2130	25			4280
	2160	26			4330
	2390	27			3950
	2920	28			4110
	3580	29			4350
	3320	30			4700
	2470	MAY 1			3810
	2240	2			3750
	2320	3			3750
	2190	4			3750
	2090	5			3750
	2020	6			3750
	1870	7			3750
	1650	8			3750
	1420	9			3750
	1340	10	0		3750
	1250	11	-267		3483
	1250	12	-484		3266
	1350	13	-592		3158
	1610	14	-774		2976
	1890	15	-990		2760
	2390	16	-774		2976
	3280	17	-458		3292
	3460	18	0		3750
	3590	19			3750
	3530	20			3750
	3760	21			3750
	4150	22			3750
	4190	23			3750
	3840	24			3750
	3700	25			3750
	3760	26			3750
	3470	27	0		3750
	2870	28	-226		3524
	2520	29	-1420		2330
	2550	30	-951		2799
	2210	JUN 1	0		3750
	3490	2			3750
	3450	3			3750
	3390	4			3750
	3140	5			3750
	3010	6			3750
	2840	7			3750
	2820	8			3750
	2730	9			3750
	2880	10			3750
	3270	11			3750
	3740	12			3750
	4050	13			3750
	4400	14			3750
	4740	15			3750
		16			3750

AND BETWEEN SNAKE RIVER GAGING STATIONS 19

24-Hour second-feet except as noted

DIV. SHELLEY - BL. BR.				DIFFERENCE TO BL.BR. LOSS STORED	THEORETICAL BALANCE STORED BLACKFOOT BR.	BLACKFOOT RIVER	CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1933	AM. FALLS RESERVOIR Cont. Ac. Ft.	NEELEY			LAKE WALCOTT Cont. Ac. Ft.	MINIDOKA CANA			
STOR.	NORM.	TOTAL					STOR.	NORM	TOTAL				STOR.	NORM	TOTAL		NORTH	SOUTH	TOTAL	STOR
						212			3830	2904	APR 25	1321240			6590	75450	1110	817	1927	
						312			4260	2926	26	1321380	494	7186	7680	75870	1180	941	2121	
						369			4990	2936	27	1320240	814	7926	8740	77680	1390	989	2379	
						378			5520	2936	28	1318770	684	8456	9140	79140	1570	1040	2610	
						310			5880	2947	29	1316790	573	8827	9220	79030	1620	1030	2650	
						297			6660	2980	30	1315310			9180	78020	1500	1010	2510	
						278			7280	3024	MAY 1	1323720			9180	80850	1520	1010	2530	
		564				346			8500	3033	2	1327190			9100	81510	1570	929	2499	
		916				318			8390	2978	3	1330650			9100	82980	1590	845	2435	
		487				308			7380	2956	4	1333420			9100	85980	1620	817	2437	
		626				319			6480	2935	5	1336100			8940	86100	1630	781	2401	
		710				312			6440	2904	6	1331150			8820	84940	1540	784	2324	
		779				318			6270	2914	7	1333130			9140	87150	1520	817	2337	
		819				359			6220	2904	8	1332140			9180	87270	1470	761	2231	
		806				348			5980	2872	9	1335110	96	9124	9220	90530	1360	737	2097	
		811				302			5490	2851	10	1334120			8660	90760	1320	694	2014	
		804				287			5100	2840	11	1331150	39	8341	8380	91110	1230	649	1879	
		865				273	0		4570	2830	12	1330160	480	7940	8420	90760	1170	684	1854	
		987				271	-251	4821	4200	2810	13	1327190	766	7654	8420	91570	1040	615	1655	
		1108				269	-455	4655	3870	2782	14	1323720	915	7465	8380	92370	967	533	1500	
		1211				249	-518	4348	3560	2775	15	1318770	1250	7130	8380	94250	1060	560	1620	
		1511				219	-726	4286	3300	2782	16	1316790	1079	7061	8140	93290	999	605	1604	
		1614				265	-932	4232	3470	2800	17	1315310	546	7014	7560	91790	866	618	1484	
		1865				376	-726	4196	4060	2840	18	1311840	564	6996	7560	93440	972	618	1550	
		1978				492	-430	4490	4970	2904	19	1312830	270	7330	7600	93090	965	615	1580	
		2209				580	0		6340	2944	20	1314300			7960	92240	963	576	1539	
		2330				624			7220	2947	21	1318280			7540	91690	1020	550	1570	
		2464				684			7300	2947	22	1318770			8110	90060	1050	594	1644	
		2560				552			7510	3011	23	1324710			8260	91920	1100	618	1718	
		2693				472			8280	3044	24	1328630			8300	92510	1280	646	1926	
		2844				444			9080	3011	25	1328570			8340	92270	1460	803	2263	
		3138				253			8030	2989	26	1328080			8900	90530	1550	962	2512	
		3259				310			6940	2967	27	1326100			9340	89600	1540	1130	2670	
		3520				323			6940	2967	28	1329560			9760	90290	1550	1130	2680	
		3543				224			7420	2956	29	1342040			9840	90290	1600	1140	2740	
		3557				149	0		7250	2924	30	1339070	126	10174	10300	90990	1600	1210	2810	
		3647				73	-212	5822	5610	2904	31	1326100	2074	8726	10800	91690	1600	1230	2830	
		3760				54	-1339	5833	4500	2893	JUNE 1	1328670	2574	8726	11300	92900	1600	1230	2830	
		3888				82	-894	5844	4950	2882	2	1322240	2174	8726	10900	95430	1600	1220	2820	
		3923				78	0		6240	2862	3	1319270	798	9602	10400	95550	1590	1220	2810	
		3884				54			8280	2840	4	1320260			10400	94950	1600	1220	2820	
		3440				35			10300	2820	5	1325210			10400	94880	1590	1220	2810	
		3441				20			10700	2784	6	1327190			10500	94320	1590	1190	2780	
		3878				2			9680	2763	7	1329170			10600	94230	1590	1160	2750	
		3892				50			9290	2752	8	1331150			10600	94950	1600	1180	2780	
		3868				95			8790	2739	9	1332430			10600	95310	1600	1190	2790	
		3870				91			8250	2720	10	1332430			10600	95430	1600	1190	2790	
		3875				33			8110	2710	11	1333130			10600	95670	1590	1190	2780	
		3771				0			7650	2701	12	1332630			10300	96030	1590	1210	2800	
		4014				0			8450	2695	13	1334120			10160	95430	1590	1210	2800	
		4134				0			9240	2687	14	1337580			10400	95180	1590	1200	2790	
		4184				0			10200	2654	15	1343030			10800	95070	1590	1220	2810	
		4347				4			12500	2641	16	1330450			11200	95070	1590	1220	2810	
		3873							13800	2633	17	1357940			11200	95070				

STATIONS 1933

PLATE NO 11

MINIDOKA CANALS					HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.R.	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO			TWIN FALLS CAN. CO			MILNER LOW LIFT			SNAKE R. AT MILN		
NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1933		GOODING STORED	NORTH SIDE	LATERAL		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
1110	817	1927	0	1927			4220	APR 26	9.95	0	204	25	1530	0	1754	1754	0	2602	2602	0	28	28	0	114	114
1180	941	2121	0	2121			4630	27	10.02	34	204	32	1590	0	1826	1826	0	2790	2790	0	78	78	0	189	189
1390	987	2377	0	2377	533	5007	5280	28	10.08	165	225	32	1750	0	2067	2067	110	3000	3110	80	0	80	0	85	85
1630	1030	2650	0	2650	943	5137	6080	29	10.35	330	245	32	1840	0	2137	2137	110	3000	3110	111	0	111	0	51	51
1500	1010	2510	0	2510	1008	5292	6300	30	10.32	430	340	32	1920	0	2292	2292	170	3000	3170	111	0	111	0	40	40
1520	1010	2530	0	2530	828	5742	6570	MAY 1	10.67	515	410	32	2000	0	2442	2442	0	3300	3300	186	0	186	0	96	96
1570	929	2499	0	2499			6110	2	10.45	505	412	32	1900	0	2344	2344	0	3200	3200	0	132	132	0	41	41
1590	845	2435	0	2435			5950	3	10.14	497	412	33	1860	0	2305	2305	0	3100	3100	0	130	130	0	35	35
1620	817	2437	0	2437			5920	4	10.50	560	412	38	1940	0	2390	2390	0	3240	3240	0	124	124	0	39	39
1630	781	2401	0	2401			5920	5	10.47	583	412	42	2030	0	2484	2484	0	3240	3240	0	116	116	0	36	36
1540	784	2324	0	2324			6520	6	10.23	560	480	43	2050	0	2523	2523	0	3160	3160	0	118	118	0	33	33
1520	817	2337	0	2337			7110	7	10.24	690	480	43	2180	0	2703	2703	0	3370	3370	0	119	119	0	41	41
1470	761	2231	0	2231			6740	8	10.26	670	500	42	2190	0	2737	2737	0	3400	3400	0	116	116	0	41	41
1360	733	2093	0	2093			6820	9	10.82	660	490	47	2190	0	2727	2727	0	3330	3330	0	133	133	0	42	42
1320	694	2014	0	2014			5760	10	10.54	640	490	51	2150	0	2691	2691	0	3210	3210	0	132	132	0	35	35
1230	649	1879	0	1879	599	4061	6660	11	10.55	680	460	60	2180	0	2700	2700	0	3250	3250	0	110	110	0	23	23
1170	684	1854	0	1854	740	5800	6540	12	10.82	670	490	60	2230	0	2780	2780	39	3281	3320	120	0	120	0	0	0
1040	615	1655	0	1655	350	5810	4160	13	10.89	660	500	60	2240	0	2800	2800	300	3000	3300	120	0	120	0	0	0
967	533	1500	0	1500	610	5630	6240	14	10.85	640	520	60	2230	0	2810	2810	230	3000	3230	107	0	107	0	0	0
1060	560	1620	0	1620	939	5441	6380	15	10.80	640	500	60	2210	140	2630	2770	190	3000	3190	110	0	110	0	0	0
999	605	1604	0	1604	830	5410	6240	16	10.75	660	490	60	2210	319	2441	2760	170	3000	3170	107	0	107	0	0	0
844	618	1484	0	1484	648	5512	6160	17	10.74	680	470	60	2200	320	2410	2730	140	3000	3140	130	0	130	0	0	0
932	618	1550	0	1550	540	5780	6320	18	10.44	660	490	60	2210	248	2512	2760	60	3000	3060	98	0	98	0	0	0
965	615	1580	0	1580			6350	19	10.78	720	480	60	2240	0	2380	2780	100	3000	3100	85	0	85	0	0	0
963	576	1539	0	1539			6300	20	10.82	740	470	60	2260	0	2790	2790	0	3080	3080	0	80	80	0	0	0
1020	550	1570	0	1570			6300	21	10.73	775	435	60	2230	0	2725	2725	0	3060	3060	0	59	59	0	0	0
1050	594	1644	0	1644			6770	22	10.38	720	480	60	2150	0	2690	2690	0	2980	2980	0	81	81	0	0	0
1100	618	1718	0	1718			6710	23	10.70	730	480	60	2330	0	2870	2870	0	3040	3040	0	80	80	0	0	0
1280	646	1926	0	1926			6630	24	10.88	790	500	60	2430	0	2990	2990	0	3230	3230	0	80	80	0	0	0
1460	803	2263	0	2263			6770	25	10.80	800	500	60	2370	0	2930	2930	0	3160	3160	0	94	94	0	0	0
1550	962	2512	0	2512			7050	26	10.41	810	500	60	2340	0	2920	2920	0	3140	3140	0	100	100	0	0	0
1540	1130	2670	0	2670			7490	27	10.60	830	500	60	2370	0	2930	2930	0	3150	3150	0	111	111	0	0	0
1550	1130	2680	0	2680			7370	28	11.08	1040	500	60	2500	0	3060	3060	0	3400	3400	0	126	126	0	0	0
1600	1140	2740	14	2726			7140	29	11.06	1040	520	60	2490	0	3070	3070	0	3400	3400	0	125	125	0	0	0
1600	1210	2810	84	2726	970	6000	6990	30	10.84	870	520	60	2490	0	3070	3070	0	3310	3310	0	124	124	0	0	0
1600	1230	2830	104	2726	1280	6000	7280	31	10.74	820	520	60	2500	80	3080	3080	270	3000	3270	134	0	134	11	0	11
1600	1230	2830	104	2726	1430	6000	7430	JUN. 1	10.84	830	520	60	2530	110	3006	3110	310	3000	3310	139	0	139	46	0	46
1600	1220	2820	94	2726	1640	6000	7640	2	10.89	840	520	60	2660	240	3000	3240	290	3000	3290	152	0	152	15	0	15
1600	1220	2820	94	2726	1784	6876	7660	3	10.92	850	520	60	2740	320	3000	3320	400	3000	3400	153	0	153	17	0	17
1590	1220	2810	84	2726			7510	4	10.92	880	520	60	2780	0	3360	3360	0	3370	3370	21	181	192	15	0	15
1600	1220	2820	94	2726			7630	5	10.95	880	520	60	2790	0	3370	3370	0	3340	3340	17	175	192	0	0	0
1590	1220	2810	84	2726			7660	6	10.88	860	540	60	2780	0	3380	3380	0	3370	3370	16	135	151	0	0	0
1590	1190	2780	54	2726			7770	7	10.86	850	550	60	2760	0	3370	3370	0	3350	3350	18	135	153	0	0	0
1570	1160	2750	24	2726			7720	8	10.98	945	555	60	2790	0	3405	3405	0	3350	3350	31	135	166	0	0	0
1600	1180	2780	54	2726			7720	9	10.99	945	555	60	2800	0	3415	3415	0	3320	3320	37	135	172	0	0	0
1600	1190	2790	64	2726			7690	10	11.02	945	555	60	2810	0	3425	3425	0	3330	3330	33	135	168	0	0	0
1600	1190	2790	64	2726			7630	11	11.04	935	555	60	2820	0	3435	3435	0	3350	3350	35	135	170	0	0	0
1590	1190	2780	54	2726			7570	12	11.06	935	555	60	2830	0	3445	3445	0	3350	3350	37	135	172	0	0	0
1590	1210	2800	74	2726			7570	13	11.03	925	555	60	2810	0	3425	3425	0	3390	3390	34	135	171	0	0	0
1590	1210	2800	74	2726			7590	14	10.99	925	555	60	2840	0	3455	3455	0	3350	3350	31	135	166	0	0	0
1590	1200	2790	64	2726			7490	15	10.91	925	555	60	2850	0	3465	3465	0	3430	3430	30	135	165	0	0	0
1590	1220	2810	84	2726			7980	16	10.88	925	555	60	2860	0	3475	3475	0	3440	3440	31	135	166	0	0	0
1590	1220	2810	84	2726			8040	17	10.87	925	555	60	2900	0	3515	3515	0	3430	3430	31	135	166	0	0	0
1590	1220	2810	84	2726				18	10.90	925	555	60	2910	0	3525	3525	0	3440	3440	33	135	168	0	0	0

PLATE NO. 11

...LS		HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.R.	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO.			TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
	NORM	STOR.	NORM	TOTAL	1933		GOODING STORED	NORTH SIDE	LATERAL		STOR.	NORM.	TOTAL	STOR.	NORM	TOTAL	STOR	NORM	TOTAL	STOR.	NORM	TOTAL
	4325			4320	APR 30	9.95	0	204	23	1530	0	1759	1759	0	2400	2400	0	74	74	0	114	114
	2121			4630	27	10.02	36	204	32	1570	0	1820	1820	0	2790	2790	28	0	28	0	109	109
	2372	273	5007	5280	28	10.18	145	225	32	1750	0	2007	2007	110	3000	3110	80	0	80	89	0	89
	2610	941	5137	6080	29	10.35	250	265	32	1840	0	2137	2137	210	3000	3210	111	0	111	57	0	57
	2650	1008	5292	6300	30	10.33	330	340	32	1920	0	2292	2292	120	3000	3120	111	0	111	46	0	46
	2510	828	5742	6570	MAY 1	10.67	515	410	32	2000	0	2442	2442	0	3300	3300	124	0	124	54	0	54
	2530			6110	2	10.85	583	412	32	1900	0	2344	2344	0	3200	3200	0	132	132	0	47	47
	2471			5950	3	10.16	497	412	33	1860	0	2305	2305	0	3100	3100	0	130	130	0	35	35
	2455			5920	4	10.50	540	412	38	1940	0	2390	2390	0	3240	3240	0	124	124	0	39	39
	2437			5920	5	10.47	583	412	42	2030	0	2484	2484	0	3240	3240	0	124	124	0	36	36
	2401			6520	6	10.23	560	480	43	2050	0	2533	2533	0	3160	3160	0	128	128	0	33	33
	2324			7110	7	10.24	690	480	43	2180	0	2703	2703	0	3370	3370	0	119	119	0	41	41
	2337			6740	8	10.26	670	500	47	2190	0	2737	2737	0	3400	3400	0	126	126	0	99	99
	2227			6820	9	10.82	660	490	47	2190	0	2727	2727	0	3320	3320	0	123	123	0	160	160
	2091			5740	10	10.54	640	490	51	2150	0	2691	2691	0	3210	3210	0	122	122	0	25	25
	2014			6240	11	10.55	680	460	60	2180	0	2700	2700	0	3250	3250	0	110	110	0	22	22
	1877	579	4061	4660	12	10.82	670	490	60	2230	0	2780	2780	39	3281	3320	120	0	120	22	0	22
	1854	740	5800	6540	13	10.89	660	500	60	2240	0	2800	2800	300	3000	3300	120	0	120	21	0	21
	1655	350	5810	6160	14	10.85	640	520	60	2230	0	2810	2810	230	3000	3230	109	0	109	19	0	19
	1500	610	5630	6240	15	10.80	660	500	60	2210	140	2630	2770	190	3000	3190	110	0	110	17	0	17
	1620	939	5441	6380	16	10.75	660	490	60	2210	319	2441	2760	170	3000	3170	107	0	107	15	0	15
	1404	830	5410	6240	17	10.74	680	470	60	2200	320	2410	2730	140	3000	3140	100	0	100	13	0	13
	1484	648	5512	6160	18	10.66	660	490	60	2210	248	2512	2760	60	3000	3060	98	0	98	13	0	13
	1550	540	5780	6320	19	10.78	720	480	60	2240	0	2780	2780	100	3000	3100	85	0	85	13	0	13
	1580			6350	20	10.82	740	470	60	2260	0	2790	2790	0	3080	3080	0	80	80	0	14	14
	1539			6300	21	10.73	775	435	60	2230	0	2725	2725	0	3060	3060	0	79	79	0	18	18
	1570			6300	22	10.38	720	480	60	2150	0	2690	2690	0	2980	2980	0	81	81	0	13	13
	1644			6770	23	10.70	730	480	60	2330	0	2870	2870	0	3060	3060	0	80	80	0	14	14
	1718			6710	24	10.88	790	500	60	2430	0	2990	2990	0	3230	3230	0	80	80	0	14	14
	1726			6630	25	10.80	800	500	60	2370	0	2930	2930	0	3160	3160	0	94	94	0	18	18
	1763			6720	26	10.61	810	500	60	2360	0	2920	2920	0	3140	3140	0	100	100	0	17	17
	1512			7050	27	10.60	830	500	60	2370	0	2930	2930	0	3150	3150	0	111	111	0	13	13
	1670			7490	28	11.08	1040	500	60	2500	0	3060	3060	0	3400	3400	0	124	124	0	21	21
	1680			7370	29	11.04	1000	520	60	2490	0	3070	3070	0	3400	3400	0	125	125	0	19	19
	1726			7140	30	10.84	870	520	60	2490	0	3070	3070	0	3310	3310	0	124	124	0	16	16
	1726	990	6000	6990	31	10.74	870	520	60	2500	80	3080	3080	270	3000	3270	134	0	124	11	0	13
	1726	1280	6000	7280	JUN. 1	10.84	830	520	60	2530	110	3000	3110	310	3000	3310	138	0	138	14	0	14
	1726	1430	6000	7430	2	10.89	840	520	60	2660	240	3000	3240	390	3000	3390	152	0	152	15	0	15
	1726	1460	6000	7460	3	10.92	850	520	60	2740	320	3000	3320	400	3000	3400	153	0	153	17	0	17
	1726	784	6876	7660	4	10.92	800	520	60	2780	0	3360	3360	0	3370	3370	21	131	152	15	0	15
	1726			7510	5	10.95	880	520	60	2790	0	3370	3370	0	3340	3340	17	135	152	0	14	14
	1726			7630	6	10.88	860	540	60	2780	0	3380	3380	0	3370	3370	16	135	151	0	14	14
	1726			7660	7	10.86	850	550	60	2760	0	3370	3370	0	3350	3350	18	135	153	0	15	15
	1726			7770	8	10.98	945	555	60	2790	0	3405	3405	0	3350	3350	31	135	166	0	15	15
	1726			7720	9	10.99	945	555	60	2800	0	3415	3415	0	3320	3320	37	135	172	0	15	15
	1726			7720	10	11.02	945	555	60	2810	0	3425	3425	0	3330	3330	33	135	168	0	15	15
	1726			7690	11	11.04	935	555	60	2820	0	3435	3435	0	3350	3350	35	135	170	0	14	14
	1726			7630	12	11.04	935	555	60	2810	0	3445	3445	0	3350	3350	37	135	172	0	18	18
	1726			7570	13	11.03	925	555	60	2810	0	3425	3425	0	3340	3340	36	135	171	0	19	19
	1726			7570	14	10.99	925	555	60	2840	0	3455	3455	0	3350	3350	31	135	166	0	18	18
	1726			7570	15	10.97	925	555	60	2850	0	3465	3465	0	3430	3430	30	135	165	0	15	15
	1726			7490	16	10.88	925	555	60	2860	0	3475	3475	0	3440	3440	31	135	166	0	16	16
	1726			7980	17	10.87	925	555	60	2900	0	3515	3515	0	3440	3440	33	135	168	0	16	16
	1726			8040	18	10.90	925	555	60	2970	0	3525	3525	0	3440	3440						

DAILY

DATE 1933	JACKSON LAKE Cont. Ac. Ft.	MORAN STOR.	MORAN NORM.	MORAN TOTAL	TWIN LAKES DISCHARGE	TWIN LAKES * SWAN STORED	MORAN-HEISE LOSS STORED	SWAN VALLEY STORAGE
JUN 16	826,100			5440				
17	833,240			5440				
18	840,350			5440				
19	845,700			5420				
20	847,480			5410				
21	848,510			5370				
22	850,050			5990				
23	849,080			4440				
24	847,740			6350				
25	845,950			5390				
26	845,190			3790				
27	844,950			2680				
28	847,230			2520				
29	849,280			3290				
30	849,280			3840				
JUL 1	848,760			3820				
2	847,480			3280				
3	847,000			2870				
4	847,000	0	2610	2610		0	0	
5	845,440	1010	2550	3560		1010	25	
6	842,140	1640	2450	4090		1640	41	
7	838,060	1740	2320	4080		1740	44	
8	834,250	1977	2233	4210		1977	49	
9	829,670	2310	1960	4270		2310	58	
10	825,600	1825	2195	4020		1825	46	
11	821,520	2010	2260	4270		2010	50	
12	814,720	2440	2200	4640		2440	61	
13	810,660	2750	2050	4800		2750	69	
14	804,350	3250	1980	5230		3250	81	
15	796,520	4640	1930	6520		4640	114	
16	786,730	4940	1910	6850		4940	123	
17	776,200	5120	1820	6940		5120	128	
18	765,710	5300	1700	7000		5300	132	
19	755,900	5170	1790	6960		5170	129	
20	745,050	5280	1620	6900	0	5280	132	0
21	734,420	5380	1520	6900	50	5430	136	10
22	723,290	5810	1470	7280	94	5904	148	10
23	710,760	6100	1430	7530	90	6190	155	10
24	698,770	5950	1370	7320	86	6036	151	10
25	687,740	5750	1350	7100	82	5832	146	10
26	674,760	5700	1260	6960	78	5778	144	10
27	665,360	5570	1240	6810	74	5644	141	12
28	655,670	4860	1220	6080	70	4930	123	12
29	644,480	4840	1200	6040	68	4908	123	12
30	635,700	5420	1180	6600	65	5485	137	12
31	623,880	6180	1140	7320	63	6243	156	12
AUG 1	611,970	5810	1000	6810	60	5870	147	12
2	601,660	5020	800	5820	57	5077	127	15
3	592,570	4000	1700	5700	54	4054	101	15
4	585,050	4280	1420	5700	52	4332	108	15
5	575,570	4480	1320	5800	50	4530	113	15
6	564,970	4920	1050	5970	48	4968	124	15
7	554,490	5140	990	6130	46	5186	130	15
					44	5224	131	15

DATE 1933	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
JUN 16			25631	495	9434	9929		4980
17			24935	467	9573	10040		4750
18			24636	442	9760	10202		4640
19			23736	440	9758	10198		4560
20			22236	276	9731	10007		4200
21			20738	267	9816	10083		3610
22			19937	235	9806	10041		2980
23			19637	199	9792	9991		2440
24			18736	122	9696	9818		2000
25			17335	122	9547	9669		1750
26			14935	82	9510	9592		1650
27			13134	1	8918	8919		1380
28			12424	235	8187	8422		1250
29			13624	212	7966	8178		1340
30			13224	202	7867	8069		1260
JUL 1			12622	82	6982	7064		1310
2			11822	60	6789	6849		1310
3			10822	46	6571	6617		1080
4	0	10322	10322	38	6404	6442	0	852
5	985	9537	10522	179	7411	7590	48	745
6	1599	9423	11022	310	7703	8013	78	680
7	1716	9206	10922	398	7633	8031	84	630
8	1928	9087	11015	587	7542	8129	94	600
9	2252	8748	11000	1023	7065	8088	110	615
10	1779	8927	10706	1250	6854	8104	87	610
11	1960	8546	10526	1402	6581	7983	96	580
12	2379	8358	10737	1557	6691	8248	116	557
13	2681	7956	10637	1745	6556	8301	131	530
14	3169	7367	10536	1803	6566	8369	155	516
15	4524	7110	11634	2124	6385	8509	221	490
16	4817	6916	11733	2228	6347	8575	235	474
17	4992	6837	11829	2271	6321	8592	243	462
18	5168	6661	11829	2342	6205	8547	253	440
19	5041	6587	11628	2512	5978	8490	246	426
20	5148	6280	11428	2431	6135	8566	251	418
21	5284	5939	11223	2400	6076	8476	258	418
22	5746	5677	11423	2789	5482	8271	280	418
23	6025	5598	11623	2702	5505	8207	294	413
24	5875	5548	11423	2621	5444	8065	287	458
25	5476	5554	11030	3081	5041	8122	277	458
26	5624	5305	10929	3157	5065	8222	275	408
27	5491	5238	10729	3141	5099	8240	268	400
28	4795	5333	10128	3111	5097	8208	234	391
29	4723	5125	9898	2640	5067	7707	233	387
30	5336	4791	10127	2567	4817	7384	260	383
31	6025	4854	10929	2680	4771	7421	296	379
AUG 1	5711	4916	10627	2743	4720	7463	279	391
2	4935	4890	9825	2072	4848	6920	241	418
3	3938	5747	9685	2001	4893	6894	192	458
4	4209	5286	9495	2039	4847	6886	206	485
5	4402	5052	9454	2116	4719	6835	215	472
6	4829	4661	9490	2051	4703	6754	236	462
7	5041	4539	9580	2501	4459	7160	244	436
8	5078	4471	9549	2510	4657	7167	248	413

DATE 1933	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL	DIV. SHELLEY STOR.	DIV. SHELLEY NORM
JUN 17			19400		
18			18230		
19			18710		
20			17600		
21			16000		
22			14000		
23			12360		
24	0		12300		
25	-122		11500		
26	-122		10200		
27	-82		8700		
28	-1		6310		
29	-235		6720		
30	-212		8080		
JUL 1	-202		8670		
2	-82		8480		
3	-60		7540		
4	-46		6650		
5	-38		5000		
6	758	3762	4520		
7	1211	3289	4500		
8	1234	2996	4230		
9	1247	3113	4360		
10	1119	3301	4420		
11	442	3658	4100	0	
12	462	3338	3800	0	
13	704	2894	3600	375	
14	805	2545	3350	1125	
15	1211	2139	3350	1250	
16	2179	1191	3370	1460	
17	2354	1826	4180	1670	
18	2478	1722	4200	1682	
19	2573	1477	4050	1468	
20	2283	1557	3840	1477	
21	2446	1164	3630	1459	
22	2626	884	3510	1460	
23	2477	1193	3870	1663	
24	3039	1221	4260	1496	
25	2967	1213	4180	1675	
26	2318	1502	3820	1458	
27	2192	1318	3510	1468	
28	2062	1138	3200	1662	
29	1450	1700	3150	1662	
30	1900	1340	3240	1660	
31	2509	1081	3590	1660	
AUG 1	3129	621	3750	1660	
2	2689	1011	3700	1460	
3	2622	928	3600	1660	
4	1745	1905	3650	1660	
5	1764	1686	3450	1660	
6	2071	1509	3580	1660	
7	2542	1108	3650	1660	
8	2434	1146	3580	1660	
9	2320	1030	3350	1660	

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS 193

24-hour second-ft except as noted

EY		DIV. SHELLEY - BL. BR.			SHELLEY TO BL. BR. LOSS STORED	THEORETICAL BALANCE STORED BLACKFOOT BR.	BLACKFOOT RIVER	CLOUGHS		CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1933	AM. FALLS RESERVOIR Cont. Ac. FT.	NEELEY			LAKE WALCOTT Cont. Ac. Ft.	MINIDOKA CANALS					
M	TOTAL	STOR.	NORM	TOTAL				NORM.	TOTAL				STOR.	NORM	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM	ST
	15600			3852			6		14800	2622	JUNE	1366510			11300	94150	1570	1220	2810	84	2726	
	15200			3844			3		14600	2625	19	1378110			10900	94630	1590	1220	2810	84	2726	
	15200			3827			19		14300	2625	20	1387690			10600	94270	1580	1210	2790	64	2726	
	14600			3847			37		13700	2616	21	1346260			10400	95930	1580	1210	2790	64	2726	
	14800			3844			4		12400	2605	22	1401810			10500	94370	1590	1190	2780	54	2726	
	14000			3858			0		10800	2605	23	1404330			10900	94020	1590	1180	2770	44	2726	
	12380			3846			6		9380	2604	24	1405340			11300	94990	1590	1180	2770	44	2726	
	12300			3843			6		8790	2604	25	1404330			11400	94950	1590	1180	2770	44	2726	
	11500			3815			4		7970	2604	26	1399790	6	11394	11300	95180	1590	1170	2760	34	2726	
	10200			3779			14	8085	7870	2609	27	1395740	611	10689	10900	98150	1590	1150	2740	14	2726	
	8700			3740			12	7185	7070	2611	28	1389710	1106	9794	10400	94950	1580	1130	2710	342	2368	
	6310			3444			7	5757	5690	2610	29	1382650	2032	8368	10100	94370	1540	1130	2670	994	1726	
	6720			3401			11	3921	3920	2616	30	1371550	3549	6531	9680	93090	1490	1120	2610	766	1844	
	8080			3474			78	3381	3140	2611	JUL. 1	1371550	3683	5997	7680	94140	1490	1120	2610	0	2610	
	8670			2388			116	4089	3890	2623	2	1371550			7950	93350	1530	1140	2670	0	2670	
	8480			2200			100	5730	5540	2619	3	1371550			8620	93790	1580	1140	2720	0	2720	
	7540			1819			80	6297	6220	2615	4	1367520	2679	8421	11100	94250	1580	1160	2740	319	2421	
	6650			1781			65	5806	5750	2618	5	1359450	3399	7651	11000	95790	1590	1190	2780	1054	1726	
	5000			2581			42	5033	4990	2621	6	1347980	4303	6297	10600	95180	1580	1200	2780	1054	1726	
	4520			3252	45	713	20	3674	3640	2615	7	1335600	8213	2785	11000	94950	1590	1200	2790	2790	0	
	4500			3499	73	1138	10	170	1620	2612	18	1320750	8428	2772	11200	94840	1580	1200	2780	2780	0	
	4230			3446	74	1160	10	160	1270	2630	19	1305410	8410	2790	11200	95310	1580	1200	2780	2780	0	
	4360			3455	75	1172	22	160	960	2632	10	1287390	8396	2804	11200	94490	1580	1200	2780	2780	0	
	4420			3315	47	1052	50	172	786	2627	11	1274730	8273	2827	11100	95180	1590	1220	2810	2810	0	
	4100	0		3246	24	416	34	200	936	2626	12	1259630	8290	2810	11100	95430	1590	1240	2830	2830	0	
	2800	0		3321	28	434	5	184	896	2624	13	1249240	8321	2779	11100	95670	1580	1240	2820	2820	0	
	3400	375	2943	3318	20	311	5	155	594	2614	14	1226970	8331	2769	11100	94950	1580	1240	2820	2820	0	
	3350	1125	2675	3260	0	- 320	5	155	954	2607	15	1211630	8438	2762	11200	94840	1580	1220	2800	2800	0	
	3320	1250	1854	3104	0	- 39	4	155	226	2605	16	1194620	8541	2759	11300	95430	1580	1220	2800	2800	0	
	3370	1460	1811	3271	31	488	4	154	175	2614	17	1176260	8432	2768	11400	94720	1580	1210	2790	2790	0	
	4180	1670	1915	3585	41	643	10	154	169	2613	18	1160280	8287	2777	11500	95180	1580	1210	2790	2790	0	
	4200	1682	1857	3539	48	748	6	160	198	2612	19	1139070	8232	2768	11500	94720	1580	1220	2800	2800	0	
	4050	1468	1749	3217	54	851	5	156	414	2607	20	1123860	8438	2762	11400	95310	1580	1240	2820	2820	0	
	3840	1677	1616	3293	36	570	3	155	430	2609	21	1107890	8436	2762	11200	95670	1580	1240	2820	2820	0	
	3430	1454	1321	2775	49	743	1	157	414	2613	22	1088960	8236	2764	11000	94490	1570	1230	2800	2800	0	
	3510	1460	1180	2840	58	908	0	151	363	2614	23	1075480	8126	2764	10900	94020	1570	1180	2750	2750	0	
	3870	1462	1187	2849	61	954	0	150	430	2609	24	1059460	8341	2759	11100	93550	1580	1170	2750	2750	0	
	4250	1490	1109	2799	80	1259	0	150	452	2614	25	1043620	8834	2766	11600	93790	1580	1200	2780	2780	0	
	4180	1429	1114	2793	71	1211	0	150	779	2612	26	1028210	8938	2762	11700	94250	1580	1210	2790	2790	0	
	3820	1459	1184	2763	40	619	1	150	1100	2618	27	1011860	8732	2768	11500	94720	1580	1230	2810	2810	0	
	3510	1465	1082	2750	31	493	3	150	936	2614	28	994260	8633	2767	11400	94020	1570	1230	2800	2800	0	
	3200	1461	1099	2760	24	377	1	151	653	2614	29	976850	8832	2767	11400	93550	1580	1210	2790	2790	0	
	3150	1469	1021	2670	0	- 219	1	153	468	2614	30	960580	8836	2764	11400	94140	1580	1200	2780	2780	0	
	3160	1457	1134	2793	14	227	0	151	295	2613	31	943890	8839	2764	11600	94720	1580	1210	2790	2790	0	
	3510	1446	1137	2783	52	811	0	151	212	2610	AUG. 1	927250	8837	2761	11600	95070	1580	1220	2800	2800	0	
	3750	1452	1132	2784	89	1308	0	150	277	2613	2	909450	8725	2763	11600	95830	1570	1230	2800	2800	0	
	3700	1440	1126	2594	75	1148	0	150	520	2627	3	893520	8605	2777	11500	95310	1580	1220	2800	2800	0	
	3600	1031	1112	2143	95	1496	0	150	681	2645	4	877440	8805	2775	11600	95180	1580	1200	2780	2780	0	
	3650	785	1150	2135	46	714	0	150	1070	2645	5	861000	8807	2793	11600	94490	1570	1180	2750	2750	0	
	3450	1304	1179	2505	40	618	0	150	1100	2643	6	848040	8804	2794	11600	95670	1590	1160	2750	2750	0	
	3580	1392	1193	2535	43	686	0	150	1140	2644	7	833560	8409	2791	11200	96150	1500	1150	2650	2650	0	
	3650	1394	1082	2476	48	1080	4	150	840	2641	8	819210	8106	2794	10900	95790	1500	1150	2650	2650	0	
	3490	1351	1025	2376	56	887	5	156	814	2638	9	804760	8005	2795	10800	94600	1490	1140	2630	2630	0	
						920	5	155	912	2640	10	791050	8105	2795	10900	94020	1480	1140	2620	2620	0	
								155	816	2640												

T. Ft.	MINIDOKA CANALS					HOWELLS			DATE 1933	LAKE MILNER GAGE	GOODING		P.A. LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO			TWIN FALLS CAN. CO			MILNER
	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL			GOODING STORED	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.
150	1590	1220	2810	84	2726			8100	JUNE	10.98	990	550	60	2950	0	3540	3540	0	3440	3440	
630	1590	1220	2810	84	2726			8100	20	11.04	1030	550	60	2960	0	3570	3570	0	3420	3420	
470	1580	1210	2790	64	2726			8130	21	10.98	1070	550	60	2930	0	3540	3540	0	3390	3390	
430	1580	1210	2790	64	2726			7800	22	10.82	1070	550	60	2920	0	3530	3530	0	3370	3370	
170	1590	1190	2780	54	2726			8040	23	10.84	1070	550	60	2950	0	3540	3540	0	3400	3400	
220	1590	1180	2770	44	2726			8160	24	10.83	1080	560	60	2940	0	3540	3540	0	3410	3410	
490	1590	1180	2770	44	2726			8250	25	10.87	1090	570	60	2960	0	3590	3590	0	3430	3430	
950	1590	1180	2770	44	2726			8280	26	10.89	1150	580	61	2960	0	3601	3601	0	3430	3430	
180	1590	1170	2760	34	2726			8280	27	10.96	1160	590	61	2960	0	3611	3611	0	3470	3470	
150	1590	1150	2740	14	2726			8160	28	10.88	1160	590	61	2890	0	3541	3541	0	3390	3390	
950	1580	1130	2710	342	2368	2130	6000	8130	29	10.87	1160	590	61	2920	571	3000	3571	380	3000	3380	
770	1540	1130	2670	944	1726	3235	4805	8040	30	10.75	1160	590	61	2880	1726	1805	3531	340	3000	3340	
090	1490	1120	2610	766	1844	3167	4153	7320	JUL. 1	10.78	1170	500	61	592	0	1153	1153	330	3000	3330	
140	1490	1120	2610	0	2610			4380	2	10.84	1170	320	61	0	0	381	381	0	3370	3370	
550	1530	1140	2670	0	2670			4540	3	10.98	1170	400	61	0	0	461	461	0	3420	3420	
790	1580	1140	2720	0	2720			4560	4	11.02	1160	410	61	1440	0	2111	2111	0	3430	3430	
250	1580	1160	2740	319	2421	1370	6000	7370	5	10.89	1140	770	61	2740	571	3000	3571	380	3000	3380	
290	1590	1190	2780	1054	1726	1765	5925	7690	6	10.78	1140	760	61	2740	636	2925	3561	370	3000	3370	
180	1580	1200	2780	1054	1726	3409	4571	7980	7	10.86	1130	760	61	2780	2030	1571	3601	420	3000	3420	
950	1590	1200	2790	2790	0	5375	2785	8160	8	10.92	1140	760	61	2790	3283	328	3611	1043	2457	3500	
840	1580	1200	2780	2780	0	5598	2772	8370	9	10.96	1130	770	61	2800	3305	326	3631	1094	2446	3540	
310	1580	1200	2780	2780	0	5610	2790	8400	10	10.92	1130	770	61	2800	3303	328	3631	1086	2462	3548	
490	1580	1200	2780	2780	0	5566	2804	8370	11	10.92	1130	770	61	2800	3301	330	3631	1066	2474	3540	
180	1590	1220	2810	2810	0	5213	2827	8040	12	10.84	1130	770	61	2780	3279	332	3611	1025	2495	3520	
430	1590	1240	2830	2830	0	5230	2810	8040	13	10.78	1130	760	61	2760	3250	331	3581	1041	2479	3520	
670	1580	1240	2820	2820	0	5441	2779	8220	14	10.76	1130	760	61	2790	3284	327	3611	1118	2452	3570	
950	1580	1240	2820	2820	0	5751	2769	8520	15	10.84	1130	770	61	2830	3335	326	3661	1167	2443	3610	
840	1580	1220	2800	2800	0	5728	2762	8490	16	10.83	1140	770	61	2800	3306	325	3631	1113	2437	3550	
430	1580	1220	2800	2800	0	5581	2759	8340	17	10.76	1140	770	61	2780	3286	325	3611	1096	2434	3530	
220	1580	1210	2790	2790	0	5722	2768	8490	18	10.86	1140	780	61	2810	3325	326	3651	1168	2442	3610	
180	1580	1210	2790	2790	0	5687	2773	8460	19	10.73	1140	780	61	2780	3295	326	3621	1123	2447	3570	
720	1580	1220	2800	2800	0	5492	2768	8460	20	10.77	1140	790	61	2800	3325	326	3651	1138	2447	3580	
310	1580	1240	2820	2820	0	5638	2762	8400	21	10.82	1140	790	61	2830	3356	325	3681	1123	2437	3610	
670	1580	1240	2820	2820	0	5848	2762	8610	22	10.78	1150	820	61	2800	3356	325	3681	1153	2437	3590	
490	1570	1230	2800	2800	0	5874	2764	8640	23	10.89	1170	830	61	2840	3406	325	3731	1191	2439	3630	
820	1570	1180	2750	2750	0	5756	2764	8520	24	10.90	1170	830	61	2830	3396	325	3721	1161	2439	3600	
550	1580	1170	2750	2750	0	5641	2759	8400	25	10.84	1170	820	61	2810	3346	325	3671	1166	2434	3600	
290	1580	1200	2780	2780	0	5644	2766	8430	26	10.76	1170	830	61	2810	3375	326	3701	1160	2440	3600	
250	1580	1210	2790	2790	0	5728	2762	8490	27	10.76	1160	830	61	2820	3386	325	3711	1163	2437	3600	
720	1580	1230	2810	2810	0	5812	2768	8580	28	10.81	1170	840	61	2830	3405	324	3731	1178	2442	3620	
820	1570	1230	2800	2800	0	5903	2767	8670	29	10.80	1170	840	61	2840	3415	324	3741	1179	2441	3620	
550	1580	1210	2790	2790	0	5843	2767	8610	30	10.82	1110	850	61	2840	3425	324	3751	1185	2441	3630	
140	1580	1200	2780	2780	0	5754	2764	8520	31	10.87	1080	860	61	2850	3440	325	3771	1191	2439	3630	
720	1580	1210	2790	2790	0	5699	2761	8460	AUG. 1	10.84	1090	860	61	2850	3444	325	3771	1194	2436	3630	
070	1580	1220	2800	2800	0	5637	2763	8400	2	10.89	1090	860	61	2850	3440	325	3771	1192	2438	3630	
830	1570	1230	2800	2800	0	5473	2777	8250	3	10.81	1070	860	61	2820	3415	324	3741	1149	2451	3600	
310	1580	1220	2800	2800	0	5305	2795	8100	4	10.76	1050	860	61	2830	3422	329	3751	1134	2446	3580	
180	1580	1200	2780	2780	0	5455	2795	8250	5	10.64	1040	860	61	2800	3372	329	3721	1104	2466	3570	
490	1570	1180	2750	2750	0	5637	2793	8430	6	10.76	1040	870	61	2850	3452	329	3781	1156	2446	3620	
670	1540	1160	2700	2700	0	5486	2794	8280	7	10.79	1040	860	61	2840	3432	329	3761	1175	2465	3640	
150	1500	1150	2650	2650	0	5489	2791	8280	8	10.80	1020	870	61	2830	3433	328	3761	1192	2463	3660	
790	1500	1150	2650	2650	0	5486	2794	8280	9	10.77	1020	870	61	2810	3412	329	3741	1185	2465	3650	
600	1490	1140	2630	2630	0	5245	2795	8040	10	10.67	1020	870	61	2790	3372	329	3701	1134	2466	3600	
020	1480	1140	2620	2620	0	5245	2795	8040	11	10.64	1010	870	61	2750	3352	329	3681	1164	2462	3630	

1933

PLATE NO. 12

	HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.R. LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO.			TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
NORM	STOR.	NORM.	TOTAL	1933		GOODING STORED	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
2726			8100	JUNE	10.98	990	550	60	2950	0	3540	3540	0	3440	3440	27	135	162	0	15	15
2726			8100	30	11.09	1030	550	60	2960	0	3570	3570	0	3420	3420	35	135	170	0	15	15
2726			8130	29	10.98	1070	550	60	2930	0	3540	3540	0	3390	3390	35	135	170	0	13	13
2726			7800	28	10.88	1070	550	60	2920	0	3530	3530	0	3370	3370	0	107	107	0	11	11
2726			8040	27	10.88	1070	550	60	2950	0	3540	3540	0	3400	3400	33	135	168	0	11	11
2726			8160	26	10.83	1080	560	60	2940	0	3540	3540	0	3410	3410	33	135	168	0	10	10
2724			8250	25	10.87	1090	570	60	2960	0	3590	3590	0	3430	3430	33	135	168	0	10	10
2726			8280	24	10.89	1150	580	61	2960	0	3601	3601	0	3430	3430	33	135	168	0	10	10
2726			8280	23	10.96	1160	590	61	2940	0	3611	3611	0	3470	3470	33	135	168	0	10	10
2360	2130	6800	8130	28	10.88	1160	590	61	2890	0	3541	3541	0	3390	3390	33	135	168	0	11	11
2726	3235	4805	8040	29	10.87	1160	590	61	2920	571	3000	3571	380	3000	3380	48	124	172	0	13	13
2944	3142	4153	7320	30	10.75	1160	590	61	2880	1226	1805	3531	340	3000	3340	173	0	173	10	10	10
1410			4380	JUL. 1	10.78	1170	500	61	592	0	1153	1153	330	3600	3930	146	0	146	10	0	10
670			4540	2	10.84	1170	320	61	0	0	381	381	0	3370	3370	168	0	168	35	0	35
720			4540	3	10.98	1170	400	61	0	0	461	461	0	3420	3420	17	135	152	0	45	45
721			4560	4	11.01	1160	410	61	1440	0	2111	2111	0	3430	3430	34	135	169	0	40	40
926	1370	6000	7370	5	10.89	1140	770	61	2740	571	3000	3571	380	3000	3380	34	135	171	0	20	20
24	1765	5925	7690	6	10.78	1140	760	61	2740	636	2905	3541	370	3000	3370	172	0	172	11	0	11
0	3375	4571	7980	7	10.86	1130	740	61	2780	2030	1571	3601	420	3000	3420	172	0	172	10	0	10
0	5578	2785	8160	8	10.92	1140	740	61	2790	3283	328	3611	1043	2457	3500	172	0	172	11	0	11
0	5610	2772	8370	9	10.96	1130	770	61	2800	3305	326	3631	1094	2446	3540	170	0	170	11	0	11
0	5566	2790	8400	10	10.98	1130	770	61	2800	3303	328	3631	1088	2462	3550	171	0	171	12	0	12
0	5513	2804	8370	11	10.93	1130	770	61	2800	3301	330	3631	1066	2474	3540	171	0	171	10	0	10
0	5530	2827	8040	12	10.89	1130	770	61	2780	3279	332	3611	1025	2495	3520	172	0	172	10	0	10
0	5441	2810	8040	13	10.78	1130	760	61	2760	3250	331	3581	1041	2479	3520	171	0	171	10	0	10
0	5451	2779	8220	14	10.76	1130	760	61	2790	3284	327	3611	1118	2452	3570	171	0	171	12	0	12
0	5728	2769	8520	15	10.89	1130	770	61	2830	3335	326	3661	1167	2443	3610	172	0	172	10	0	10
0	5581	2762	8490	16	10.83	1140	770	61	2800	3306	325	3631	1113	2437	3550	172	0	172	10	0	10
0	5581	2759	8340	17	10.74	1140	770	61	2780	3286	325	3611	1096	2434	3530	143	0	143	41	0	41
0	5722	2768	8490	18	10.86	1140	780	61	2810	3325	326	3651	1148	2442	3610	138	0	138	11	0	11
0	5687	2773	8460	19	10.79	1140	780	61	2790	3295	326	3621	1123	2447	3570	158	0	158	10	0	10
0	5692	2768	8460	20	10.77	1140	790	61	2800	3325	326	3651	1138	2442	3580	171	0	171	10	0	10
0	5638	2762	8400	21	10.82	1140	790	61	2830	3354	325	3681	1173	2437	3610	170	0	170	10	0	10
0	5848	2762	8610	22	10.78	1150	820	61	2800	3356	325	3681	1153	2437	3590	171	0	171	10	0	10
0	5876	2764	8640	23	10.89	1170	830	61	2840	3406	325	3731	1191	2439	3630	171	0	171	10	0	10
0	5756	2764	8520	24	10.90	1170	830	61	2830	3396	325	3721	1161	2439	3600	172	0	172	10	0	10
0	5641	2759	8400	25	10.84	1170	820	61	2810	3366	325	3691	1166	2434	3600	169	0	169	11	0	11
0	5644	2766	8430	26	10.76	1170	830	61	2810	3375	326	3701	1160	2440	3600	170	0	170	10	0	10
0	5728	2762	8490	27	10.76	1160	830	61	2820	3386	325	3711	1163	2437	3600	170	0	170	11	0	11
0	5812	2768	8580	28	10.81	1170	840	61	2830	3405	326	3731	1178	2442	3620	170	0	170	11	0	11
0	5703	2767	8470	29	10.80	1170	840	61	2840	3415	326	3741	1179	2441	3620	170	0	170	10	0	10
0	5843	2767	8610	30	10.82	1110	850	61	2840	3425	326	3751	1189	2441	3630	170	0	170	10	0	10
0	5756	2764	8520	31	10.87	1080	860	61	2850	3446	325	3771	1191	2439	3630	171	0	171	10	0	10
0	5699	2761	8460	AUG. 1	10.84	1090	860	61	2850	3444	325	3771	1194	2436	3630	172	0	172	10	0	10
0	5677	2763	8400	2	10.89	1090	860	61	2850	3444	325	3771	1192	2438	3630	166	0	166	11	0	11
0	5673	2777	8250	3	10.81	1070	860	61	2820	3415	326	3741	1149	2451	3600	171	0	171	10	0	10
0	5305	2795	8100	4	10.76	1050	860	61	2830	3422	329	3751	1134	2466	3600	171	0	171	10	0	10
0	5455	2795	8250	5	10.68	1040	860	61	2800	3392	329	3721	1104	2466	3570	171	0	171	10	0	10
0	5637	2793	8430	6	10.76	1040	870	61	2850	3452	329	3781	1156	2464	3620	140	0	140	10	0	10
0	5486	2794	8280	7	10.79	1040	860	61	2840	3432	329	3761	1175	2465	3640	172	0	172	10	0	10
0	5489	2791	8280	8	10.80	1020	870	61	2830	3433	328	3761	1197	2463	3660	171	0	171	10	0	10
0	5486	2794	8280	9	10.77	1020	870	61	2810	3412	329	3741	1185	2465	3650	171	0	171	10	0	10
0	5495	2795	8040	10	10.67	1020	870	61	2770	3372	329	3701	1134	2466	3600	170	0	170	10	0	10
0	5545	2795	8040	11	10.64	1010	870	61	2750	3352	329	3681	1164	2466	3630	172	0	172	9	0	9

DATE 1933	JACKSON LAKE Cont. Ac. Ft.	MORAN			TWIN LAKES		MORAN-HEISE LOSS STORED	SWAN VALLEY STORAGE DIVERSION
		STOR.	NORM.	TOTAL	DISCHARGE	ACCOUNTS STORED		
AUG 8	534200	5070	760	5830	42	5112	128	15
9	525610	4850	860	5710	40	4896	122	15
10	516310	4530	1080	5610	38	4568	114	15
11	507480	4710	1000	5710	36	4744	119	15
12	498010	4850	980	5830	35	4885	122	15
13	488780	4890	960	5850	34	4924	123	15
14	479340	4770	940	5710	32	4802	120	15
15	470680	4260	920	5180	30	4290	107	16
16	462160	4260	890	5150	28	4288	107	15
17	457730	4250	870	5120	26	4276	107	15
18	445090	4410	860	5270	23	4433	111	15
19	436910	4130	1120	5250	21	4151	104	15
20	428340	4160	860	5020	19	4179	105	15
21	420000	4300	760	5060	17	4317	108	15
22	411240	4470	700	5170	16	4486	112	15
23	402510	4150	550	4700	15	4165	104	15
24	394690	3680	500	4180	14	3694	92	15
25	388030	3360	550	3910	13	3373	84	15
26	382490	3090	700	3790	12	3102	78	0
27	376950	3130	660	3790	11	3141	78	
28	370750	3160	600	3760	10	3170	79	
29	364390	3030	600	3630	9	3039	76	
30	359130	2680	680	3360	8	2680	67	
31	354080	2540	680	3220	7	2592	64	
SEP 1	349040	2600	680	3280	7	2607	65	
2	343610	2670	680	3350	6	2676	67	
3	338190	2740	800	3540	5	2745	69	
4	332110	3060	760	3820	4	3064	77	
5	326050	3060	880	3940	3	3063	77	
6	319610	3180	850	4030	2	3182	79	
7	312530	3640	780	4420	0	3640	91	
8	304390	4100	750	4850	0	4100	102	
9	296750	4110	800	4910	0	4110	103	
10	287840	4440	650	5090	0	4440	111	
11	279210	4150	550	4700	0	4150	104	
12	271880	3570	530	4100	0	3570	89	
13	266020	2800	530	3330	0	2800	70	
14	261020	2540	530	3070	0	2540	64	
15	256680	2440	550	2990	0	2440	61	
16	252960	1880	980	2860	0	1880	47	
17	249450	1860	730	2590	0	1860	46	
18	245930	1870	620	2450	0	1870	46	
19	242270	1990	460	2450	0	1990	50	
20	238140	2050	400	2450	0	2050	51	
21	234060	2120	370	2490	0	2120	53	
22	229570	2590	360	2950	0	2590	65	
23	224670	3190	320	3510	0	3190	80	
24	218870	2890	340	3230	0	2890	72	
25	213590	2590	360	2950	0	2590	65	
26	209170	2170	400	2570	0	2170	54	
27	205140	1330	330	1660	0	1330	33	
28	203340	411	320	731	0	411	10	
29	203540	0	43	43	0	0		
30	204140	0	40	40	0	0		
					1294		8157	508

DATE 1933	HEISE + RILEY			DIV. HEISE - SHELLEY			HEISE TO SHELLEY LOSS STORED
	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
AUG 9	4969	4544	9513	2619	4447	7066	243
10	4755	4497	9252	2530	4427	6955	232
11	4439	4618	9057	2558	4410	6968	216
12	4418	4345	8763	2420	4298	6718	225
13	4748	4309	9057	2503	4357	6860	232
14	4780	4240	9020	2579	4327	6906	234
15	4467	4559	9026	2466	4401	6867	228
16	4167	4249	8416	1920	4930	4350	204
17	4146	4061	8227	1952	4787	6339	204
18	4154	4043	8197	1860	4401	6261	203
19	4307	4106	8413	1975	4324	6299	211
20	4032	4665	8697	1796	4304	6100	197
21	4059	4227	8286	1659	4210	5869	198
22	4194	4051	8245	1443	4107	5750	205
23	4359	3957	8316	1980	3861	5841	213
24	4046	3994	8040	1904	3849	5753	192
25	3587	3843	7430	1843	3903	5746	175
26	3274	3916	7190	1917	3721	5832	160
27	3024	4106	7130	1409	3946	5377	148
28	3043	3986	7049	1370	4009	5379	150
29	3091	3868	6959	1299	4126	5475	151
30	2963	3847	6810	1244	4063	5307	145
31	2621	3938	6559	1256	4036	5292	128
SEP 1	2483	3845	6328	1197	4040	5237	121
2	2542	3703	6245	1653	4020	5673	124
3	2409	3668	6277	1585	3930	5515	127
4	2676	3621	6297	1796	3879	5695	131
5	2987	3592	6579	1478	4043	5521	146
6	2986	3744	6730	1443	4214	5657	146
7	3103	3546	6649	1423	4214	5637	152
8	3549	3441	6990	1563	4124	5687	173
9	3998	3517	7515	1880	3726	5606	195
10	4007	3538	7545	1952	3585	5537	196
11	4329	3397	7726	2244	3488	5732	211
12	4046	3560	7606	2213	3497	5710	197
13	3481	3644	7125	1780	3515	5295	170
14	2730	3625	6355	1072	3804	4876	133
15	2476	3600	6076	1025	3781	4806	121
16	2379	3728	6107	914	3839	4753	116
17	1833	4083	5916	778	3824	4652	89
18	1814	3801	5615	695	4058	4753	89
19	1784	3489	5273	589	4004	4593	87
20	1940	3304	5244	949	3930	4879	95
21	1999	3224	5223	953	3942	4895	98
22	2067	3106	5173	908	3900	4808	101
23	2585	2800	5325	942	4030	4972	125
24	3110	3044	6154	584	4052	4636	152
25	2818	3508	6326	632	3467	4099	138
26	2575	3525	6050	333	3843	4176	123
27	2116	3552	5668	264	3691	3945	103
28	1297	4028	5325	240	3508	3748	63
29	401	3850	4251	170	3147	3317	20
30	0	3740	3470	90	3399	3489	0
				155,490			15,518

DATE 1933	REXBURG	SHELLEY		
		STOR.	NORM.	TOT
AUG 8	458	2101	1283	3
11	494	1991	1229	3
12	444	1665	1285	2
13	418	1367	1103	2
14	436	2613	997	3
15	408	1573	937	2
16	404	1993	857	2
17	383	2093	651	2
18	375	2810	590	3
19	371	2891	607	3
20	387	2121	829	2
21	406	3039	1041	4
22	427	2202	1258	3
23	436	2296	1288	3
24	490	2166	1364	3
25	521	1905	1495	3
26	462	1569	1061	2
27	436	1197	1283	2
28	503	1442	1213	2
29	498	1593	1087	2
30	521	1661	929	2
31	512	1574	956	2
SEP 1	490	1237	933	2
2	467	1165	915	2
3	465	765	995	1
4	458	873	797	1
5	436	749	791	1
6	422	1363	727	2
7	418	1397	743	2
8	404	1528	782	2
9	400	1813	67	1
10	431	1929	497	2
11	552	1859	1071	2
12	620	1874	1326	3
13	660	1636	1584	3
14	725	1521	1431	2
15	775	1525	1195	2
16	819	1330	1254	2
17	929	1347	1273	2
18	1010	966	1556	2
19	934	1870	1356	3
20	802	1108	1068	2
21	841	896	971	1
22	880	946	1	1
23	880	1058	1	2
24	852	1460	1	2
25	868	2372	1	3
26	958	2088	1	3
27	1210	2069	1	3
28	1190	1749	1	2
29	1180	974	1	1
30	1100	811	1	1
	970			

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS

24-Hour second-feet except as noted.

DATE 1933	SHELLEY			DIV. SHELLEY - BL. BR.			SHELLEY TO BL. BR. LOSS STORED	THEORETICAL BALANCE STORED BLACKFOOT BR.	BLACKFOOT RIVER
	IR.	NORM	TOTAL	STOR.	NORM.	TOTAL			
	107	1283	2376	1374	1001	2377	44	687	5
	791	1229	3220	1407	999	2406	35	549	5
	465	1285	2954	1262	1009	2271	24	329	5
	767	1103	2870	1195	1005	2200	34	538	5
	813	997	3010	1119	858	1977	54	840	5
	973	937	2910	1129	948	2077	50	794	5
	773	857	2830	1291	944	2235	41	641	5
	843	657	2700	1363	848	2211	41	639	5
	810	590	2600	1608	649	2257	24	378	5
	871	609	2700	1594	637	2231	29	468	5
	1121	829	2950	1553	696	2249	34	534	5
	1839	1441	3480	1553	703	2256	29	457	15
	1202	1258	3440	1298	888	2186	54	850	6
	1346	1284	3630	1294	896	2190	63	989	4
	1166	1364	3530	1248	923	2171	55	863	4
	945	1495	3440	1213	915	2128	44	680	4
	569	1061	2630	751	876	1627	49	769	4
	1497	1283	2480	719	856	1575	28	450	0
	1467	1213	2680	687	902	1589	47	733	0
	1543	1087	2630	627	907	1534	55	861	0
	1441	979	2420	1187	887	2074	27	427	4
	1574	956	2530	1199	886	2085	23	362	4
	1237	973	2210	696	932	1628	32	509	4
	1165	915	2080	532	931	1463	38	595	4
SEP.	1245	995	1760	544	897	1441	13	208	4
	893	797	1690	749	659	1408	8	136	4
	749	791	1540	764	662	1426	0	- 15	4
	1363	227	1590	940	491	1431	25	398	4
	1397	363	1760	1052	434	1486	21	324	4
	1528	282	1810	1032	555	1587	30	466	4
	1813	67	1880	1025	591	1616	47	741	4
	1923	497	2420	1511	577	2088	25	387	4
	1859	1071	2930	1514	712	2226	21	324	5
	1874	1326	3200	1467	760	2227	24	383	10
	1436	1584	3220	1384	740	2124	15	237	12
	1531	1439	2970	1301	737	2038	14	216	8
	1525	1195	2720	1232	674	1906	18	275	6
	1370	1390	2620	1179	682	1861	9	142	5
	1347	1273	2620	826	682	1508	31	490	5
	1446	1564	2530	813	679	1492	9	144	5
	1330	1360	2390	794	675	1469	14	222	12
	1108	1002	2110	312	675	987	48	748	5
	1196	974	1870	169	682	851	43	684	2
	1148	772	1720	140	687	827	47	741	2
	1058	802	1860	162	592	754	54	842	5
	1440	950	2410	236	613	852	73	1151	30
	1172	598	2970	947	566	1513	85	1340	82
	2048	1622	3670	1009	630	1639	62	977	113
	2069	1451	3720	1054	849	1903	61	954	87
	2007	1901	3450	1132	807	1939	37	580	132
	1790	2284	3280	1050	834	1884	0	- 56	80
	1411	2565	2780	737	1079	1816	0	-526	54
				94280			3441		

CLOUGHS			CALCULATED INFLOW CLOUGH TO NEELEY	DATE 1933	AM. FALLS RESERVOIR Contents Ac.Ft.	NEELEY			LAKE WALCOTT Contents Ac.Ft.	MINIDOKA		
STOR.	NORM	TOTAL				STOR.	NORM	TOTAL		NORTH	SOUTH	TOT
617	155	772	2638	AUG.	776 150	8507	2793	11300	93 550	1480	1150	
603	155	758	2649	12	761 370	8496	2804	11300	93 440	1480	1150	
452	155	607	2642	13	745 450	8798	2802	11600	94 020	1480	1150	
365	155	520	2646	14	729 150	8499	2801	11300	94 490	1490	1140	
465	155	620	2647	15	714 440	8298	2802	11100	94 020	1490	1140	
490	155	645	2643	16	700 100	8202	2798	11000	94 020	1500	1160	
414	155	569	2640	17	685 410	8405	2795	11200	93 670	1540	1170	
308	155	463	2639	18	667 710	8704	2794	11500	93 200	1600	1200	
199	155	354	2640	19	652 770	8805	2795	11600	93 090	1540	1200	
144	155	299	2643	20	634 270	8702	2798	11500	93 320	1450	1180	
194	155	349	2644	21	620 100	8599	2801	11400	93 790	1460	1180	
449	165	614	2643	22	605 910	8497	2808	11300	94 890	1510	1180	
831	154	987	2640	23	591 220	8404	2796	11200	94 950	1560	1180	
936	154	1090	2640	24	575 580	8406	2794	11200	94 720	1560	1170	
1056	154	1210	2639	25	563 170	8367	2793	11100	94 720	1560	1160	
926	154	1080	2639	26	550 000	8107	2793	10900	94 720	1510	1150	
806	154	960	2641	27	537 090	8065	2795	10800	95 180	1460	1150	
674	150	824	2644	28	523 340	7706	2794	10500	95 310	1420	1140	
658	150	808	2645	29	509 120	7705	2795	10500	94 950	1370	1130	
819	150	969	2647	30	493 550	7603	2797	10400	94 820	1360	1130	
453	154	607	2649	31	480 830	7497	2803	10300	94 720	1330	1130	
320	154	474	2651	SEP.	467 060	7395	2805	10200	94 490	1300	1140	
349	154	503	2650	2	456 280	7296	2804	10100	94 720	1270	1150	
520	154	674	2650	3	443 630	7296	2809	10180	94 950	1270	1130	
372	154	526	2650	4	430 450	7194	2806	10000	94 720	1270	1120	
209	154	363	2647	5	417 580	7089	2801	9890	93 790	1320	1130	
115	154	269	2645	6	404 210	7171	2799	9970	93 320	1360	1130	
28	154	182	2644	7	389 340	7402	2798	10200	91 920	1330	1160	
21	154	175	2645	8	376 850	7301	2799	10100	92 510	1260	1170	
18	154	172	2641	9	362 170	7175	2795	9970	92 040	1170	1170	
15	154	169	2641	10	347 510	7305	2795	10100	92 270	1140	1150	
15	154	169	2647	11	334 750	7399	2801	10200	93 320	1140	1180	
60	155	215	2646	12	321 700	7129	2801	9930	94 600	1170	1190	
276	160	436	2649	13	309 840	6291	2805	9100	95 430	1060	1190	
491	162	653	2649	14	297 890	5689	2811	8500	95 670	1030	1160	
658	158	816	2649	15	287 090	4983	2807	7790	93 090	981	1090	
630	156	786	2647	16	283 970	4607	2803	7410	93 320	947	971	
498	155	653	2651	17	275 960	3324	2806	6130	91 810	936	911	
533	155	688	2654	18	268 920	3057	2811	5910	87 960	923	803	
733	155	888	2654	19	262 410	3057	2811	5870	87 270	890	674	
807	162	969	2654	20	262 220	3022	2818	5840	86 100	864	644	
895	155	1050	2654	21	256 590	3029	2811	5840	85 980	841	686	
888	152	1040	2658	22	252 480	7030	2810	5840	84 940	769	692	
736	152	888	2656	23	248 440	2922	2808	5770	84 700	718	692	
701	155	856	2656	24	244 430	2989	2811	5800	84 700	683	620	
789	180	969	2658	25	240 280	2722	2838	5560	84 940	555	551	
456	232	688	2662	26	236 850	2456	2894	5350	84 100	494	476	
1317	263	1580	2665	27	238 120	1682	2728	4410	87 030	426	468	
1543	237	1780	2669	28	238 540	324	2906	3130	86 570	494	387	
1478	282	1760	2672	29	239 170	0	2844	2800	84 820	487	367	
1340	230	1570	2665	30	244 430	0	1970	1970	83 540	487	381	
976	204	1180	2664									

GING STATIONS 1933

TIME	LAKE WALCOTT Contents Ac. Ft.	MINIDOKA CANALS NORTH	MINIDOKA CANALS SOUTH	MINIDOKA CANALS TOTAL	MINIDOKA CANALS STOR.	MINIDOKA CANALS NORM.	HOWELLS STOR.	HOWELLS NORM.	HOWELLS TOTAL
3:00	93550	1480	1150	2630	2630	0	5577	2793	8370
3:00	93440	1480	1150	2630	2630	0	5504	2806	8310
4:00	94020	1480	1150	2630	2630	0	5358	2802	8160
3:00	94490	1440	1160	2600	2600	0	5419	2801	8220
1:00	94020	1440	1160	2600	2600	0	5358	2802	8160
2:00	94020	1500	1160	2660	2660	0	5262	2798	8060
2:00	93670	1560	1170	2730	2730	0	5335	2795	8130
5:00	93200	1600	1200	2800	2800	0	5604	2794	8400
4:00	93090	1540	1200	2740	2740	0	5425	2795	8220
5:00	93320	1450	1180	2630	2630	0	5392	2798	8190
4:00	93790	1440	1180	2640	2640	0	5389	2801	8190
9:00	94490	1510	1180	2690	2690	0	5142	2808	7950
2:00	94950	1560	1180	2740	2740	0	5094	2796	7890
2:00	94720	1560	1170	2730	2730	0	5096	2794	7890
1:00	94720	1560	1160	2720	2720	0	5097	2793	7890
9:00	94720	1510	1150	2660	2660	0	4947	2793	7740
8:00	95180	1440	1150	2610	2610	0	4805	2795	7600
5:00	95310	1420	1140	2560	2560	0	4836	2794	7630
5:00	94950	1390	1130	2520	2520	0	4745	2795	7540
4:00	94020	1360	1130	2490	2490	0	4633	2797	7430
3:00	94720	1330	1130	2460	2460	0	4447	2803	7250
2:00	94490	1300	1140	2440	2440	0	4625	2805	7430
1:00	94720	1270	1150	2420	2420	0	4624	2804	7430
1:00	94950	1270	1130	2400	2400	0	4624	2804	7430
9:00	94720	1270	1120	2390	2390	0	4676	2804	7480
8:00	93790	1320	1130	2450	2450	0	4799	2801	7600
9:00	93820	1360	1130	2490	2490	0	4711	2799	7510
2:00	91920	1330	1160	2490	2490	0	4832	2798	7630
1:00	92510	1260	1170	2430	2430	0	4661	2799	7460
7:00	92040	1170	1170	2340	2340	0	4575	2795	7370
1:00	92270	1140	1150	2290	2290	0	4485	2795	7280
2:00	93320	1140	1180	2320	2320	0	4189	2801	6990
3:00	94600	1130	1190	2320	2320	0	3939	2801	6740
1:00	95430	1060	1190	2250	2250	0	3601	2809	6410
8:00	95670	1030	1160	2190	2190	0	3489	2811	6300
2:00	97090	981	1080	2061	2061	0	3483	2807	6290
4:10	93320	947	771	1918	1918	0	3467	2803	6270
1:30	91810	936	911	1847	1847	0	2704	2806	5710
9:10	87960	923	803	1726	1726	0	2649	2811	5460
9:20	87220	890	674	1564	1385	181	2290	2630	4920
9:40	86100	844	644	1508	1160	348	2190	2470	4660
8:40	85780	841	684	1525	1174	351	2170	2460	4630
9:40	84940	769	697	1466	1136	330	2150	2480	4630
7:30	84700	718	692	1410	1092	318	2030	2490	4520
8:00	84700	683	620	1303	992	311	1970	2500	4470
5:40	84740	556	536	1086	678	408	1760	2430	4190
3:50	84100	496	476	972	370	594	1560	2300	3860
4:10	87070	496	460	956	158	798	1370	2120	3520
1:30	86570	492	387	879	0	879	1223	2027	3250
8:00	84820	487	367	854	0	854	606	1944	2550
9:20	83540	487	367	856	0	856			
				207,902					

DATE 1933	LAKE MILNER GAGE	GOODING GOODING STORED	GOODING NORTH SIDE	P.A LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO. STOR.	TOTAL N.S. CANAL CO. NORM.	TOTAL N.S. CANAL CO. TOTAL	TWIN FALLS CAN. CO. STOR.	TWIN FALLS CAN. CO. NORM.	TWIN FALLS CAN. CO. TOTAL	MILNER STOR.	MILNER NORM.
AUG. 12	10.70	1005	880	61	2750	3342	329	3691	1316	2870	4186	1577	3611
13	10.76	1005	890	61	2760	3381	330	3711	1286	2900	4186	1578	3611
14	10.74	960	890	61	2780	3401	330	3731	1188	3000	4188	1577	3620
15	10.74	950	890	61	2780	3402	329	3731	1188	3000	4188	1577	3620
16	10.74	950	890	61	2780	3401	330	3731	1178	3000	4178	1577	3620
17	10.69	940	890	61	2760	3382	329	3711	1141	3000	4141	1577	3620
18	10.66	930	890	61	2760	3382	329	3711	1164	2980	4144	1577	3620
19	10.79	910	890	61	2790	3412	329	3741	1235	2980	4215	1577	3620
20	10.70	910	890	61	2730	3352	329	3681	1224	2980	4204	1577	3620
21	10.74	900	890	61	2740	3362	329	3691	1241	2980	4221	1577	3620
22	10.84	890	890	61	2740	3382	329	3711	1218	2980	4198	1577	3620
23	10.82	860	890	61	2740	3341	330	3671	1092	2980	4072	1577	3620
24	10.77	850	890	61	2700	3322	329	3651	1055	2980	4035	1577	3620
25	10.74	840	890	61	2670	3292	329	3621	1135	2980	4115	1577	3620
26	10.77	850	890	61	2670	3292	329	3621	1166	2980	4146	1577	3620
27	10.76	840	890	61	2630	3252	329	3581	1146	2980	4126	1577	3620
28	10.78	830	890	61	2620	3242	329	3571	1144	2980	4124	1577	3620
29	10.83	820	890	61	2590	3212	329	3541	1165	2980	4145	1577	3620
30	10.65	800	890	61	2580	3202	329	3531	1144	2980	4124	1577	3620
31	10.76	810	890	61	2520	3142	329	3471	1162	2980	4142	1577	3620
SEP. 1	10.71	810	900	61	2510	3141	330	3471	1097	2980	4077	1577	3620
2	10.70	800	900	61	2490	3121	330	3451	1095	2980	4075	1577	3620
3	10.66	780	880	61	2480	3091	330	3421	1106	2980	4086	1577	3620
4	10.60	780	880	61	2450	3061	330	3391	1076	2980	4056	1577	3620
5	10.58	790	880	61	2450	3041	330	3391	1076	2980	4056	1577	3620
6	10.60	800	880	61	2430	3042	329	3371	978	2980	3958	1577	3620
7	10.54	800	880	61	2440	3022	329	3351	970	2980	3950	1577	3620
8	10.62	810	870	61	2410	3017	329	3341	1031	2980	4011	1577	3620
9	10.68	820	870	61	2390	2992	329	3321	960	2980	3940	1577	3620
10	10.69	810	870	61	2370	2972	329	3301	884	2980	3864	1577	3620
11	10.75	810	870	61	2340	2942	329	3271	804	2980	3784	1577	3620
12	10.82	810	870	61	2290	2892	329	3221	629	2980	3609	1577	3620
13	10.29	810	870	61	2250	2852	329	3181	478	2980	3458	1577	3620
14	10.74	810	860	61	2210	2801	330	3131	311	2980	3291	1577	3620
15	10.57	800	860	61	2180	2771	330	3101	279	2980	3259	1577	3620
16	10.77	820	860	61	2200	2791	330	3121	313	2980	3293	1577	3620
17	10.80	820	860	61	1960	2551	330	2881	257	2980	3237	1577	3620
18	10.73	800	860	61	1560	2151	330	2481	144	2980	3124	1577	3620
19	10.84	800	860	61	1610	2201	330	2531	49	2980	3029	1577	3620
20	10.70	790	760	61	1530	1951	400	2351	0	2720	2720	1577	3620
21	10.58	780	760	61	1470	1891	400	2291	0	2660	2660	1577	3620
22	10.46	780	750	54	1390	1794	400	2194	0	2660	2660	1577	3620
23	10.58	800	750	43	1390	1783	400	2183	0	2660	2660	1577	3620
24	10.58	790	620	43	1370	1633	400	2033	0	2660	2660	1577	3620
25	10.76	780	610	0	1260	1470	400	1870	0	2660	2660	1577	3620
26	10.83	780	610	0	1220	1430	400	1830	0	2660	2660	1577	3620
27	10.72	780	610	0	1200	1410	400	1810	0	2660	2660	1577	3620
28	10.53	770	600	0	1150	1350	400	1750	0	2660	2660	1577	3620
29	10.74	220	600	0	1100	1243	457	1700	0	2660	2660	1577	3620
30	10.19	0	365	0	1100	1041	424	1465	0	2660	2660	1577	3620
		139,701				243,043			82,229				

PLATE NO. 13

	HOWELLS			DATE	LAKE MILNER GAGE	BOODING		P.A. LATERAL	MAIN N. SIDE CANAL	TOTAL N.S. CANAL CO.			TWIN FALLS CAN. CO		MILNER LOW LIFT			SNAKE R. AT MILNER		
NORM	STOR.	NORM.	TOTAL	1933		BOODING STORED	NORTH SIDE			STOR.	NORM.	TOTAL	STOR.	TOTAL	STOR.	NORM.	TOTAL	STOR	NORM.	TOTAL
0	5577	2795	8370	AUG	10.70	1000	880	61	2720	3762	329	3691	1316	2460	172	0	172	9	0	9
0	5506	2804	8310	13	10.76	1000	890	61	2760	3381	330	3711	1306	2470	171	0	171	10	0	10
0	5358	2802	8160	14	10.74	960	890	61	2780	3401	330	3731	1180	2472	172	0	172	10	0	10
0	5419	2801	8220	15	10.74	950	890	61	2780	3483	329	3811	1178	2472	171	0	171	10	0	10
0	5358	2802	8160	16	10.74	950	890	61	2780	3461	330	3791	1141	2449	172	0	172	10	0	10
0	5342	2798	8040	17	10.69	940	890	61	2740	3382	329	3711	1164	2446	170	0	170	10	0	10
0	5335	2795	8130	18	10.66	930	890	61	2760	3382	329	3711	1235	2465	168	0	168	10	0	10
0	5646	2794	8440	19	10.79	910	890	61	2760	3412	329	3741	1224	2460	167	0	167	10	0	10
0	5426	2795	8220	20	10.70	910	890	61	2730	3357	329	3681	1241	2469	166	0	166	10	0	10
0	5392	2798	8190	21	10.74	900	890	61	2740	3362	329	3691	1218	2476	165	0	165	10	0	10
0	5389	2801	8190	22	10.84	890	890	61	2760	3382	329	3711	1092	2478	162	0	162	10	0	10
0	5143	2808	7950	23	10.82	860	890	61	2740	3341	330	3671	1053	2467	163	0	163	10	0	10
0	5094	2796	7890	24	10.77	850	890	61	2700	3322	329	3651	1155	2465	163	0	163	10	0	10
0	5096	2794	7890	25	10.74	840	890	61	2670	3292	329	3621	1166	2464	156	0	156	10	0	10
0	5097	2793	7890	26	10.77	850	890	61	2670	3292	329	3621	1146	2468	153	0	153	10	0	10
0	4947	2793	7740	27	10.76	840	890	61	2630	3252	329	3581	1144	2466	157	0	157	10	0	10
0	4805	2795	7600	28	10.78	830	890	61	2620	3242	329	3571	1165	2465	154	0	154	10	0	10
0	4836	2794	7630	29	10.83	820	890	61	2590	3212	329	3541	1144	2466	160	0	160	10	0	10
0	4745	2795	7540	30	10.65	800	890	61	2580	3122	329	3451	1162	2468	160	0	160	10	0	10
0	4633	2797	7430	31	10.70	810	890	61	2520	3142	329	3471	1097	2473	0	0	0	10	0	10
0	4447	2803	7250	SEP. 1	10.71	810	900	61	2510	3141	330	3471	1095	2475	0	0	0	11	0	11
0	4625	2805	7430	2	10.70	800	900	61	2490	3121	330	3451	1106	2474	149	0	149	10	0	10
0	4624	2804	7430	3	10.66	780	880	61	2480	3091	330	3421	1096	2474	147	0	147	10	0	10
0	4626	2804	7430	4	10.60	780	880	61	2450	3061	330	3391	1076	2474	146	0	146	10	0	10
0	4799	2801	7600	5	10.58	790	880	61	2450	3061	330	3391	978	2472	144	0	144	10	0	10
0	4711	2799	7510	6	10.60	800	880	61	2430	3042	329	3371	970	2470	149	0	149	10	0	10
0	4832	2798	7630	7	10.54	800	880	61	2410	3022	329	3351	1031	2469	165	0	165	10	0	10
0	4661	2799	7460	8	10.62	810	870	61	2410	3012	329	3341	960	2470	159	0	159	10	0	10
0	4575	2795	7370	9	10.68	820	870	61	2390	2992	329	3321	884	2466	154	0	154	10	0	10
0	4485	2795	7280	10	10.69	810	870	61	2370	2972	329	3301	804	2466	154	0	154	11	0	11
0	4189	2801	6990	11	10.75	810	870	61	2340	2942	329	3271	628	2472	153	0	153	10	0	10
0	3939	2801	6740	12	10.82	810	820	61	2290	2892	329	3221	478	2472	150	0	150	10	0	10
0	3601	2809	6410	13	10.79	810	870	61	2250	2852	329	3181	311	2479	152	0	152	10	0	10
0	3489	2811	6300	14	10.74	810	860	61	2210	2801	330	3131	279	2481	136	0	136	10	0	10
0	3485	2807	6290	15	10.57	800	860	61	2180	2771	330	3101	313	2477	132	0	132	10	0	10
0	3467	2803	6270	16	10.77	820	860	61	2200	2791	330	3121	257	2479	132	0	132	10	0	10
0	2704	2806	5710	17	10.80	820	860	61	1960	2551	330	2881	144	2476	127	0	127	12	0	12
0	2449	2811	5460	18	10.73	800	860	61	1560	2151	330	2481	49	2481	125	0	125	12	0	12
0	2290	2630	4920	19	10.86	800	860	61	1610	2201	330	2531	0	2230	127	0	127	11	0	11
0	2190	2470	4660	20	10.70	790	760	61	1530	1951	400	2351	0	2070	129	0	129	10	0	10
0	2170	2460	4630	21	10.58	780	760	61	1470	1891	400	2291	0	2060	121	0	121	10	0	10
0	2150	2480	4630	22	10.46	780	750	54	1390	1794	400	2194	0	2080	129	0	129	10	0	10
0	2030	2490	4520	23	10.58	800	750	43	1390	1783	400	2183	0	2090	129	0	129	10	0	10
0	1970	2500	4470	24	10.58	790	620	43	1370	1633	400	2033	0	2100	54	0	54	10	0	10
0	1760	2470	4190	25	10.74	780	610	0	1260	1470	400	1870	0	2030	0	0	0	11	0	11
0	1560	2300	3860	26	10.83	780	610	0	1220	1430	400	1830	0	1900	72	0	72	11	0	11
0	1390	2130	3520	27	10.72	780	610	0	1200	1410	400	1810	0	1730	124	0	124	10	0	10
0	1223	2027	3250	28	10.55	770	600	0	1150	1350	400	1750	0	1570	123	0	123	10	0	10
0	606	1944	2550	29	10.24	220	600	0	1100	1243	457	1700	0	1520	123	0	123	10	0	10
				30	10.19	0	365	0	1100	1041	424	1465	0							
						139,701				263,013					14,588			1498		

NAME	NO.	APR. 25	26	27	28	29	30	MAY 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
POPLAR IRR. DIST.	1																															
PROGRESSIVE IRR. DIST.	2																															
FARMERS FRIEND	3																															
ENTERPRISE	4																															
NELSON	5																															
MATTSON - CRAIG	6																															
ARNSBERGER	7																															
HARRISON	8																															
KITE & NORD	9																															
RUDY	10																															
BURGESS	11																															
LOWDER & JENNINGS	12																															
SUNNYDELL IRR. DIST.	13																															
LENROOT	14																															
REID	15																															
HILL-PETTINGER	16																															
DILTS	17																															
HENRYS FORK CANALS ①	18																															
BUTTE & MARKET LAKE	19																															
OSGOOD	20																															
BEAR ISLAND	21																															
SMITH	22																															
IDAHO IRR. DIST.	23																															
KENNEDY	24																															
MARTIN	25																															
NEW SWEEDEN IRR DIST. ET. AL.	26																															
COY & KELLER	27																															
WOODVILLE	28																															
SNAKE RIVER VALLEY	29																															
TOTAL HEISE TO WOODVILLE	30																															
BLACKFOOT	31																															
NEW LAVA SIDE	32																															
PEOPLES	33																															
ABERDEEN	34																															
CORBETT	35																															
TAEGO	36																															
TOTAL WOODVILLE TO BLACKFOOT	37																															
MINIDOKA CANALS	38																															
MILNER LOW LIFT	39		0	78	80	111	111	124	0	0	0	0	0	0	0	0	0	0	0	120	120	109	110	107	100	98	85	0	0	0	0	0
TWIN FALLS CANAL CO.	40			0	110	210	120	0	0	0	0	0	0	0	0	0	0	0	0	39	300	230	190	170	140	60	100	0	0	0	0	0
NORTH SIDE CANAL CO.	41																					0	140	319	320	248	0	0	0	0	0	0
GOODING PROJECT	42		0	36	165	350	530	515	505	497	540	583	560	690	670	660	640	680	670	660	640	640	660	680	660	720	740	775	720	730	740	760
IDAHO POWER CO.	43																															
MM. FALLS HES. DIST. SURPLUS	44																															
SWAN VALLEY USERS ABOVE HEISE																																

4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
84	54	54	24	54	64	64	54	74	74	74	84	84	84	84	84	84	84	70	50	41	44	44	32
11	16	18	18	31	37	31	35	37	36	31	30	31	31	31	33	27	35	35	0	11	33	33	33
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	810	850	945	945	945	945	945	945	945	945	945	915	915	915	915	915	915	915	915	915	915	915	915
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DAILY STORAGE DIVERSIONS BY SNAKE RIVER CANALS - 1933

All quantities in 24-hour second feet except as noted

	23	24	25	26	27	28	29	30	JULY 1	2	3	4	5	6	7	8	9
								0	40	24	0	0	71	0	0	2	49
														0	0	84	
														0	5	0	
					0	50	0	0	0	0	4	4	41	41	39	50	
					0	32	66	66	42	34	42	34	34	34	34	26	
																0	
														0	77	77	77
					0	1	1	0	0	0	0	0	0	0	1	1	1
	191	121	121	81	0	0	0	0	0	0	0	0	0	0	0	22	32
					0	30	30	0	0	0	0	30	30	30	30	30	30
	7	0	0	0	0	147	115	106	0	0	0	0	3	128	135	130	127
	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
														0	55	150	452
TO.	199	122	122	82	1	235	212	202	82	60	46	38	179	310	398	587	1033
TO.																	
	44	44	44	34	14	342	942	766	0	0	0	319	1054	1054	2790	2780	2780
	33	33	33	33	33	48	173	144	148	17	34	36	172	172	172	170	171
	0	0	0	0	0	0	380	340	330	0	0	0	380	320	420	1049	1079
	0	0	0	0	0	0	571	1774	0	0	0	0	571	434	2030	3289	3305
	1090	1080	1090	1150	1160	1160	1160	1160	1170	1170	1170	1160	1140	1140	1130	1140	1130
SW.																	

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AUG. 1	2	3	4	5	6
	6	26	37	37	36	34	33	29	24	28	28	23	23	23	23	30	29	34	28	38	37	29	27	25	25	25	29	30
	103	88	123	138	145	182	195	191	245	242	281	278	265	250	203	169	214	180	176	199	214	231	237	210	217	228	212	206
					0	40	40	40	39	59	57	57	56	54	54	54	51	52	52	52	51	52	54	3	3	3	4	4
	1	114	114	117	114	128	130	128	128	128	126	132	131	131	130	130	130	129	129	128	128	108	117	116	108	113	114	116
	0	0	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	8	0	0	0	0	0	0
										0	8	7	4	0	-7	-7	-8	5	4	4	4	8	0	0	3	0	3	
					0	156	162	142	164	164	160	140	142	146	146	286	291	291	282	282	398	602	402	-61	-61	-61	-61	
	50	50	50	49	48	53	50	49	45	48	42	39	39	38	38	38	41	39	39	38	37	36	35	32	31	29	28	
	178	186	186	186	178	186	186	186	182	170	162	162	158	158	154	150	154	154	154	154	234	234	215	65	57	65	181	
								0	30	-14	-19	-19	-19	-19	31	32	31	32	35	36	-23	-20	-20	-20	-20	-10	32	
		0	14	12	15	12	10	8	2	21	21	51	51	53	53	11	14	29	24	42	40	49	39	25	18	13	24	
	32	30	32	28	97	121	131	126	108	102	79	85	0	0	0	0	6	0	133	125	118	182	130	106	0	0	0	
					0	2	17	19	0																			
																0	5	3	14	29	7	7	8	0	0	0	0	
	0	51	44	154	137	138	208	205	259	461	317	311	413	400	413	434	401	385	329	328	268	352	355	355	337	340	333	
															0	283	284	280	272	241	224	186	99	0	55	112	131	
					0	3	3	3	3	3	3	3	3	3	3	3	87	87	87	87	87	87	86	86	86	86	86	
																	3	3	3	3	3	3	3	3	3	3	0	
	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	0	0	0	0	
	154	226	255	255	311	308	292	283	282	320	270	268	268	268	267	274	325	182	140	190	190	220	190	142	150	170		
				0	10	10	10	9	9	9	9	8	8	0	0	0	0	0	6	5	5	5	5	4	0	0		
	30	30	30	30	30	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	23	23	23	23		
	117	119	122	119	117	111	110	108	106	104	108	506	505	495	491	483	487	492	495	495	509	345	307	318	333	330		
	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0		
						0	77	77	76	74	70	70	0	0	72	76	70	74	68	68	68	73	72	71	75	74		
	479	500	535	537	518	520	523	516	514	546	542	537	554	475	512	542	535	525	34	-180	-180	290	537	535	523	530		
TO.	1402	1557	1745	1803	2124	2228	2271	2392	2512	2431	2400	2789	2700	2622	3081	3157	3161	3111	2460	2562	2456	2748	2672	2001	2639	2700		
															0	70	70	72	73	68	70	70	72	73	-22	-72	-22	
						0	400	400	398	390	390	384	390	392	380	379	377	375	373	329	379	364	377	373	-27	-22		
	0	375	1125	1250	1260	1270	1280	1260	1260	1260	1270	1270	1270	1240	1230	1210	1220	1220	1220	1210	1210	1180	1140	1100	1030	1090		
						0	24	18	27	0	0	0	0	0	0	0	0	0	0	0	0	0	26	27	25	27		
TO.																												
	0	375	1125	1250	1660	1670	1682	1668	1677	1654	1660	1662	1690	1677	1659	1668	1661	1669	1659	1694	1652	1668	1037	98				
	2780	2810	2830	2820	2820	2800	2800	2790	2790	2800	2840	2820	2800	2750	2760	2780	2770	2810	2800	2790	2780	2790	2800	2800	2805	2810		
	171	172	171	171	172	172	143	138	150	171	170	171	171	171	172	169	170	170	170	170	170	177	172	166	171	171		
	1088	1046	1025	1041	1118	1162	1113	1096	1148	1182	1170	1123	1155	1191	1161	1164	1160	1163	1178	1179	1180	1178	1184	1192	1169	1182		
	3303	3301	3279	3250	3284	3235	3306	3286	3325	3295	3325	3358	3354	3406	3392	3364	3325	3306	3405	3415	3425	3396	3446	3415	3441	3453		
	1130	1130	1130	1130	1130	1130	1140	1140	1140	1140	1140	1140	1150	1170	1170	1170	1170	1160	1170	1170	1160	1170	1180	1190	1190	1190		
SW.										0	10	10	10	10	10	10	12	12	12	12	12	12	15	15	15	15		

VALS - 1933

	27	28	29	30	31	AVG.	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	SEP. 1	2	3	4	5	6	7	8
	29	28	28	27	29		27	25	25	25	24	20	20	19	13	12	17	17	17	16	14	16	17	17	13	7	6	5	6	10	10	10	18	9	9	10	9	8	5	7	7	9	10	9	10
	184	176	199	214	231		237	214	217	228	212	205	218	222	183	154	162	155	170	172	152	110	108	101	91	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	
	52	52	52	51	52		54	3	3	3	4	4	2	0																																
	129	189	128	128	108		117	116	108	115	114	114	120	120	120	120	120	120	121	120	120	120	120	120	100	100	100	101	101	101	101	101	101	99	102	10	8	8	8	6	124	125	124	124	124
	4	0	0	0	0		0	0	0	0	0	0	0	2	0	0	2	2	2	2	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	3	0	0	0	0	4	0	
	5	4	4	4	8		0	0	3	0	3	2	3	6	0	0	0	0	5	8	6	0	0	0	0	-7	-7	4	6	0	0	0	0	0	0	0	0	2	2	0	6	9	4	4	6
	3	0	0	0	0		0	0	0	0	0	0	0	0	0	5	5	2	3	3	3	0	0	0	0	2	0	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	291	282	282	398	402		402	-41	-41	-41	-41	-41	381	409	411	411	406	406	404	406	404	-52	-54	-54	-54	-56	-56	-59	354	388	400	402	-56	-56	-52	-52	-52	-54	360	392	371	-54	-56	-54	-54
													0	3	0	0	0	7	0	1	0	0	0	0	0	0	0	0	0	0	8	9	-3	-3	-2	-3	-3	2	7	6	7	7	7	6
	39	39	38	37	36	33	32	31	29	28	47	46	45	44	44	43	43	41	39	38	38	49	49	50	48	48	33	22	48	29	29	36	36	36	36	35	21	0	0	0	0	0	0	0
	154	154	154	274	334	215	65	57	65	181	181	177	185	196	196	192	192	192	192	192	196	189	192	177	173	0																		
	32	35	36	-23	-20	-20	-20	-20	-20	-20	32	25	54	53	53	0	0	0	0	0	0	29	51	53	54	0	4	6	5	6	6	6	4	-10	-10	-15	-15	-15	-15	0	38	40	16	3	3
	29	24	42	40	49	39	25	18	13	34	36	45	45	32	48	46	48	-56	54	25	17	12	20	25	29	18	23	35	13	7	2	2	18	20	18	4	0	0	5	17	26	30	50	86	86
	0	133	125	118	152	130	106	0	0	0	0	0	0	0	0	0	85	74	107	131	131	112	54	0	0	0	0	0	0	0	0	63	53	71	53	51	45	0	0	0	0	0	19	26	93	93
	3	14	29	7	7	8	0	0	0	0	0	37	37	35	35	0	1	2	1	2	1	2	1	2	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	385	379	374	364	357	355	355	337	340	339	353	320	329	547	550	547	646	597	534	481	466	519	502	532	582	559	556	531	480	449	482	418	419	367	400	402	402	358	341	317	367	387	319	286	286
	284	272	241	224	186	99	0	55	112	132	148	164	184	205	199	150	102	103	104	106	97	88	142	195	199	203	207	184	161	142	124	144	139	137	140	142	129	110	72	116	120	123	124	122	122
	87	87	87	87	87	86	86	86	86	86	86	86	86	86	86	86	86	86	89	89	89	91	96	96	96	96	91	91	86	86	86	86	86	86	86	86	85	85	85	95	95	95	95	95	95
	3	3	3	3	3	3	3	3	0	2	3	3	3	3	0	3	3	0	0	3	3	3	0	0	0	0	3	3	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0										
	325	182	160	190	190	220	180	192	150	70	80	80	60	80	80	70	10	8	8	2	8	8	8	20	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	6	5	5	5	5	4	0	0	0	0	0	0	0	-28	-28	0	0	0	0	0	8	12	17	15	13	9	7	0	0	0	0	0	0	0	0	0	0	0	0	5	6	6	5	5
	35	35	35	35	35	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	29	29	29	29	29	29	29	29	29	29	29
	481	482	495	495	509	345	307	318	333	328	317	303	291	284	293	297	310	309	307	304	295	301	309	310	322	312	294	294	293	305	309	309	311	304	325	327	343	345	345	346	358	346	344	344	344
	1	1	1	1	1	1	0	0	0	1	1	1	1	0																																
	70	74	68	68	68	73	72	71	75	78	80	82	84	0	0	0	82	79	76	74	74	74	0	0	0	0	79	77	74	73	72	72	0	0	0	0	0	94	78	78	78	0	0	0	0
	535	525	34	-180	-180	290	537	535	523	485	387	331	306	304	302	297	291	289	293	291	289	286	284	291	304	295	266	232	215	212	200	198	224	217	208	207	202	212	232	225	244	243	312	312	312
	3161	3111	2440	2567	2450	2743	2072	2001	2039	2116	2051	2501	2510	2419	2530	2558	2620	2503	2579	2466	1920	1952	1860	1975	1796	1659	1643	1980	1904	1843	1913	1809	1770	1639	1744	1256	1197	1453	1587	1776	1878	1943	1923	1923	1923
																						0	82	270	259	229	229	41	42	0	0	0	0	0	0	0	0	0	0	0	212	227	242	270	270	270
	73	68	70	70	72	73	-72	-72	-72	-72	74	68	69	69	70	69	-72	-72	-72	-72	69	72	72	74	72	72	70	72	71	70	-72	-72	-72	-72	70	70	73	78	69	72	1	2	2		
	375	373	379	379	364	373	373	-22	-22	390	366	366	366	367	390	378	413	394	372	400	405	398	400	400	460	378	401	400	403	308	-22	-22	-22	-22	400	400	400	400	376	400	400	-22	-22		
	1220	1220	1220	1210	1210	1180	1140	1100	1050	962	892	879	839	833	839	873	860	814	792	795	817	811	808	805	789	777	764	749	749	746	752	731	725	725	744	758	758	0	0	0	69	718	802	780	780
	0	0	0	0	0	24	27	25	29	24	10	16	12	14	18	11	5	0	7	6	0	0	0	0	0	15	22	31	25	26	24	19	15	25	0	0	30	23	18	8	4	0	0		
											0	65	65	58	59	56	56	59	0	0	0	0	58	56	63	62	0	0	0	63	67	63	31	-29	-29	-29	35	31	41	57	63	0	0		
	1468	1461	1469	1459	1446	1452	1468	1031	985	1306	1342	1394	1331	1341	1374	1407	1262	1195	1119	1129	1291	1363	1608	1594	1553	1553	1298	1294	1248	1213	751	719	687	627	1187	1149	696	552	564	725	769	900	1055	1055	1055
	2810	2800	2790	2780	2790	2800	2800	2800	2780	2750	2700	2650	2650	2630	2620	2630	2630	2630	2600	2600	2660	2730	2800	2740	2630	2680	2690	2740	2710	2720	2660	2610	2560	2570	2590	2460	2490	2420	2400	2370	2350	2470	2490	2490	2490
	170	170	170	170	171	172	166	171	171	171	160	172	171	171	170	172	172	171	172	171	172	170	168	167	166	165	162	163	163	156	155	157	159	160	160	0	0	149	147	146	144	145	145	145	145
	1163	1178	1179	1189	1191	1144	1192	1149	1134	1104	1156	1175	1197	1185	1134	1164	1214	1206	1188	1188	1178	1141	1164	1255	1224	1241	1218	1092	1053	1155	1146	1146	1144	1165	1144	1142	1097	1085	1106	1076	1076	978	976	976	976
	3446	3465	3415	3425	3446	3446	3446	3415	3422	3392	3452	3432	3437	3412	3372	3352	3362	3381	3401	3402	3401	3382	3382	3412	3352	3342	3382	3361	3322	3292	3292	3252	3242	3218	3122	3142	3141	3121	3071	3041	3041	3092	3022	3022	3022
	1160	1170	1170	1110	1080	1090	1040	1070	1050	1040	1040	1040	1030	1030	1030	1010	1010	1040	960	950	930	940	930	910	910	900	890	860	850	840	850	840	830	810	800	810	910	900	780	780	780	880	800	800	800
	12	12	12	12	12	15	15	15	15	15	15	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	0														

29	30	31	SEP. 1	2	3	4	5	6	7	8	9	10	11	12	13	M	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	10	9	8	5	7	7	9	10	9	10	5	5	6	6	5	5	6	7	6	5	3	4	3	3	5	6	4	10	8	5	1	0
0	0	0	0	0	0	0	25	0																								
102	10	8	8	8	6	124	125	124	124	124	125	125	83	83	83	83	83	83	83	83	83	81	80	78	79	83	83	83	80	76	4	4
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0	0	0	2	2	0	6	9	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	0	4	3	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
-52	-52	-52	-54	360	392	371	-54	-56	-54	-54	-54	-54	396	396	421	-52	-52	-54	-55	-55	-55	391	403	407	407	-43	-50	-47	-52	-52	0	
-3	-2	-3	-3	2	7	6	7	7	7	0																						
34	34	35	21	0	0	0	0	0	0	0	0	0	0	0	15	15	14	14	5	6	16	23	27	27	27	0						
-10	-15	-15	-15	-15	0	38	40	16	3	3	3	15	2	0																		
20	18	4	0	0	5	19	26	30	50	86	32	51	0	-14	-14	-16	30	67	38	29	-22	-24	-26	-24	-24	-26	70	37	26	64	25	1
53	51	45	0	0	0	0	0	19	26	93	89	113	121	121	99	94	86	76	68	63	61	87	83	80	80	91	62					
0	0	0	0	0	0	0	0	0	0	0	3	4	4	4	4	4	0															
0	0	32	37	38	0	0	0	0	0	0	0	0	0	0	0	0	48	50	0													
367	400	402	402	358	341	317	367	387	319	280	281	281	312	318	317	298	266	229	228	198	143	143	143	177	195	202	215	76	2	0		
137	140	142	129	130	72	116	120	123	126	126	126	128	130	132	122	92	0															
86	86	86	85	85	85	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	0	0	95	95	85	85	85	85	85
3	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	0	3	0	3	3	2	0									
1	0																															
0	0	0	0	0	0	0	0	0	0	79	446	468	472	481	257	236	99	0														
0	0	0	0	0	0	5	6	6	5	5	5	7	9	10	0	0	0															
29	29	29	29	29	29	29	29	29	29	29	29	29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	
304	325	327	343	345	345	340	352	366	364	363	365	343	155	351	104	0	0															
0	0	0	0	94	78	78	78	0	0	10	10	10	10	10	10	10	86	80	81	81	82	10	10	10	10	10	10	10	10	10	10	0
217	208	207	202	212	222	225	244	293	312	314	320	331	241	214	257	271	266	242	225	183	156	132	128	143	158	161	134	71	48	48	45	0
1299	1244	1256	1197	1653	1589	1796	1478	1443	1423	1563	1880	1952	2248	2213	1280	1872	1825	916	778	675	589	949	953	908	942	586	632	333	264	240	170	90
																239	232	168	171	172	168	168	164	163	180	184	0					
0	0	0	0	0	0	212	227	242	270	274	274	290	307	292	309	23	22	22	0													
-72	70	70	73	78	69	72	1	2	2	0	2	4	22	22	22	400	394	388	-22	-22	-22	-22	-22	-22	-22	-22	403	406	406	400	360	0
-22	400	400	400	400	396	400	400	-22	-22	-22	-22	405	396	394	398	607	584	590	590	581	567	138	0	0	0	46	544	595	636	722	740	737
725	746	758	158	0	0	0	69	718	802	780	746	749	710	648	618	32	10	11	24	18	16	28	29	19	4	8	0	14	12	10	10	0
25	0	0	30	23	18	8	4	0	0	0	0	0	16	41	37	0	0	0	63	64	65	0	0	0	0	0	0	0	6	0		
-29	-29	-29	35	31	61	57	63	0	0	0	25	63	63	70	0																	
																1301	1232	1179	826	813	794	312	169	160	162	236	987	1089	1054	1132	1050	737
627	1187	1199	696	532	544	749	764	940	1052	1032	1025	1511	1514	1447	1384																	
																2190	2061	1918	1847	1726	1385	1160	1174	1136	1092	972	628	378	158	0	0	0
																136	132	132	127	125	127	129	121	129	129	54	0	72	124	123	123	123
2520	2490	2460	2440	2420	2400	2390	2430	2490	2490	2430	2340	2290	2320	2320	2250	311	279	313	257	144	49	0										
160	160	0	0	149	147	146	184	149	165	159	154	154	153	150	152	2801	2721	2791	2551	2151	2201	1951	1891	1798	1781	1623	1470	1430	1410	1350	1243	1041
1165	1144	1142	1092	1095	1106	1076	1076	978	970	1031	960	804	804	628	478	810	800	810	840	800	800	790	780	780	800	790	780	780	790	770	320	0
3212	3122	3142	3141	3121	3071	3061	3061	3042	3022	3012	2992	2972	2942	2892	2852																	
820	820	810	810	800	780	780	780	800	800	810	820	810	810	810	810																	

NO.	TOTAL SEC. FT	TOTAL AC. FT.	JACKSON LAKE TOTAL AC. FT.
1	1284	2540	2740
2	7929	15750	16970
3	935	1855	2000
4	8340	14550	17850
5	45	89	96
6	103	204	220
7	42	83	90
8	11473	22700	24500
9	50	99	107
10	2670	5300	5710
11	7680	15230	16432
12	485	964	1040
13	1785	3540	3820
14	4455	8845	9539
15	38	76	82
16	41	82	88
17	566	1120	1210
18	27304	54159	58377
19	7705	15290	16490
20	7392	14650	15800
21	131	259	280
22	26	52	56
23	11923	23600	25500
24	189	374	404
25	2043	4050	4370
26	21920	43500	46900
27	32	64	69
28	3363	6675	7195
29	25541	50600	54600
30	155490	308300	332500
31	5850	11600	12500
32	1483	2940	3170
33	22129	43950	47400
34	62425	124000	133700
35	933	1848	1993
36	1460	2890	3120
37	94280	187228	201900
38	207902	412000	
39	16524	32800	
40	82239	163000	
41	263313	522000	
42	139701	277000	
43	0	0	
44	0	0	
45	508	1006	

30	NO.	TOTAL SEC. FT	TOTAL AC. FT.	JACKSON LAKE EQUIV. AC. FT.	JACKSON LAKE RIGHT AC. FT	AMERICAN FALLS RIGHT AC. FT.	SEASONAL PURCHASES AC. FT.	TOTAL RIGHT AC. FT.	STOR. WATER WASTE PAST MILNER AC. FT.	AMERICAN FALLS HOLDOVER A.F.
	1	1284	2540	2740	1200	(2) 2121		3321		581
	2	3929	15750	16970	0	(3) 20382	0	20382		3412
	3	435	1855	2000	2000	0	0	2000		0
	4	8360	16550	17850	4100	(9) 12015	0	18115		265
	5	45	89	96	0	0	141	141		0
	6	103	204	220	0	0	220	220		0
	7	42	83	90	0	0	107	107		0
	8	11473	22700	24500	5000	(5) 17374	5000	27374		2874
	9	50	99	107	0	0	107	107		0
	10	2670	5300	5710	2000	(6) 2347	1720	6067		0
	11	7680	15230	16432	5120	(7) 10880	432	16432		0
	12	485	964	1040	1040	0	0	1040		0
	13	1785	3540	3820	4000	0	0	4000		0
	14	4455	8845	9535	3000	(8) 6535	0	9535		0
	15	38	76	82	0	(4) 82	0	82		0
	16	41	82	88	0	0	88	88		0
	17	566	1120	1210	0	(10) 1351	0	1351		141
	18	27304	54159	58377	0	(11) 17338	41039	58377		0
	19	7705	15290	16490	0	(12) 5490	11000	16490		0
85	20	7392	14650	15800	(13) 3560	(14) 20073	0	23633		7833
	21	131	259	280	0	215	65	280		0
	22	26	52	56	0	79	0	79		23
	23	11923	23600	25500	0	(15) 31816	0	31816		6316
	24	189	374	403	355	0	48	403		0
	25	2043	4050	4370	1500	(16) 3235	0	4735		365
	26	21920	43500	46912	5000	(17) 41680	232	46912		0
	27	32	64	69	0	0	69	69		0
0	28	3363	6675	7190	0	9000	0	9000		1810
0	29	25561	50680	54600	15000	(18) 39606	0	54600		0
90	30	155490	308,300	332,537	54875	241613	60288	356724		23620
	31	5850	11600	12500	0	15033	0	15033		2533
	32	1483	2940	3170		(19) 3200	0	3200		0
	33	22159	43950	47400	8000	(20) 29400	18000	47400		0
0	34	62425	124000	133500	42685	(21) 64266	31329	138280		4780
	35	933	1848	1990	0	4000	0	4000		2010
0	36	1460	2890	3117	0	(22) 2117	1000	3117		0
	37	94280	187228	201677	50685	118016	43329	211030		9323
								(23) 446710		0
					325810	120900	(24) 4532	34077	52	1185
0	38	207902	412000		0	29505	0	225194	1268	(25) 57926
183	39	16524	32800		(26) 74007	151185	0	208932	1207	(27) 141467
	40	82339	163000		258934	(28) 449778	0	400000	323	122677
	41	263013	522000		0	480000	0	45000	0	45000
0	42	139701	277000		0	45000	0	278		278
	43	0	0		0	278	1087	1087		0
	44	0	0		0	0				
	45	508	1006	1087						

NOTES

1. See plate No. 22 for detailed deliveries. Here listed one day later than actual use.
2. Owned 793 ac.ft., lease 470 ac.ft., assigned Enterprise lease 858 ac.ft.
3. Owned 13832 ac.ft., lease 6550 ac.ft.
4. Owned 9030 ac.ft., lease 5000 ac.ft. less 858 ac.ft. assigned to Poplar Irr. Dist., and 1157 ac.ft. assigned to Rudy.
5. Owned 11994 ac.ft., lease 5380 ac.ft.
6. Lease 1190 ac.ft., assigned Enterprise lease 1157 ac.ft.
7. Owned 6430 ac.ft., lease 4450 ac.ft.
8. Owned 3860 ac.ft., lease 2675 ac.ft.
9. Owned 3002 ac.ft. less 2920 ac.ft rented to others.
10. Owned 888 ac.ft., lease 463 ac.ft.
11. Enterprise option 1720 ac.ft., lease 15038 ac.ft., Osgood transfer to Salem Union 580 ac.ft.
12. Owned 2580 ac.ft., lease 2910 ac.ft.
13. Yield of Twin Lakes.
14. Owned 15832 ac.ft., lease 7100 ac.ft., less 580 ac.ft transferred to Salem Union, 210 ac.ft. to New Sweden, and 2089 ac.ft. to Snake River Valley.
15. Owned 26,986 ac.ft., lease 4830 ac.ft.
16. Owned 2250 ac.ft., lease 985 ac.ft.
17. Owned 24500 ac.ft., lease 16970 ac.ft., Osgood transfers 210 ac.ft.
18. Owned 25111, lease 12400 ac.ft., Osgood transfer 2089 ac.ft.
19. Lease
20. Owned 19300 ac.ft., lease 10,100 ac.ft.
21. Owned 40566 ac.ft., lease 23,700 ac.ft.
22. Owned 1462 ac.ft., lease 655 ac.ft.
23. Exclusive of Lake Walcott and gain Neeley to Milner
24. From Idaho Power Co.
25. 77543 ac.ft less sales of 3534 ac.ft.
26. N.S. Canal Co. 258,832 ac.ft. Hillsdale 41,196 ac.ft., lease 150,000 ac.ft.
27. After transmission loss charge of 3000 ac.ft. on Jackson Lake Storage not exchanged for American Falls Storage.
28. Includes 11961 ac.ft. for Hillsdale District.

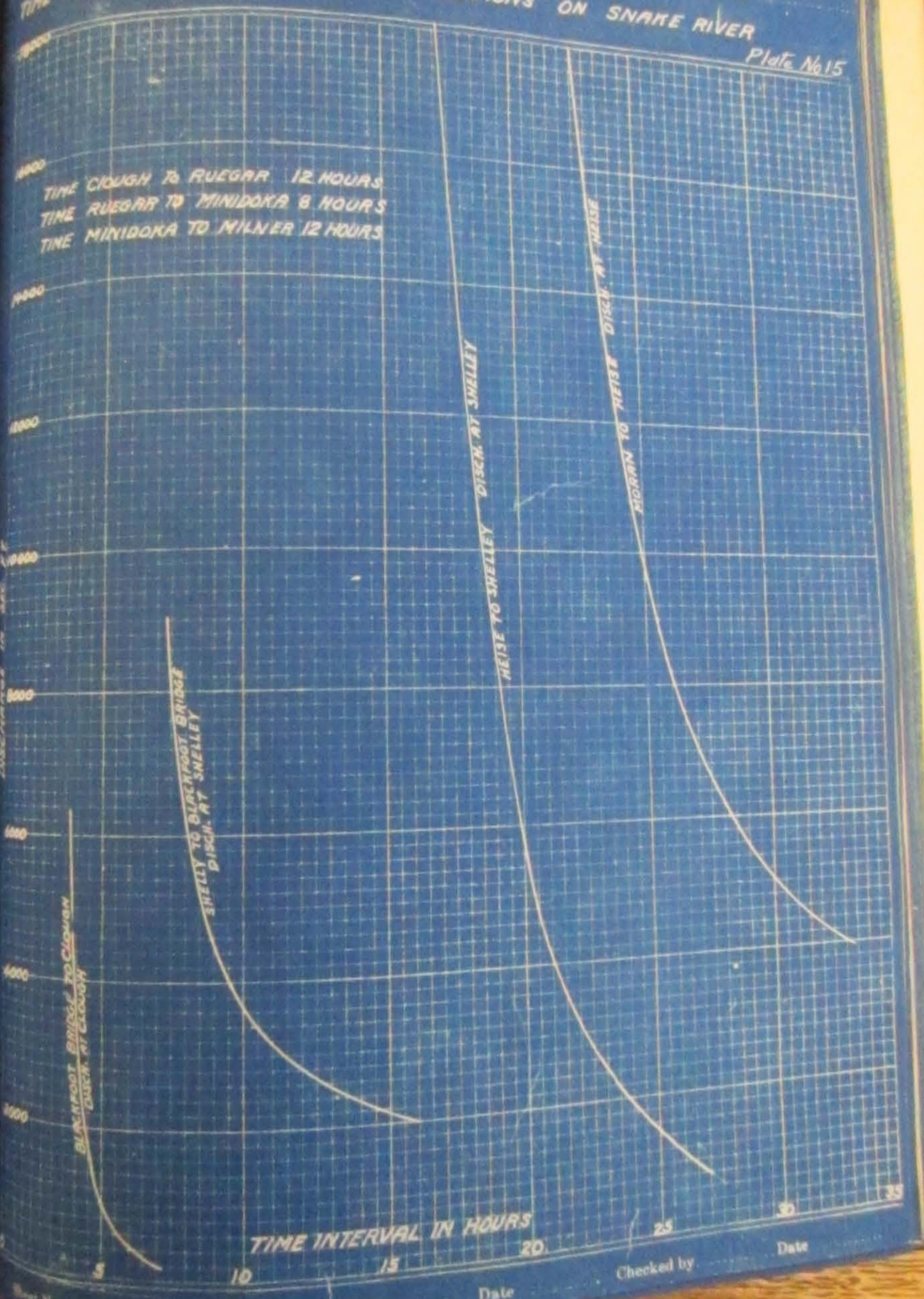
UNITED STATES GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Number | Washington District

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No. 15

TIME CLOUGH TO RUEGAR 12 HOURS
TIME RUEGAR TO MINIDOKA 8 HOURS
TIME MINIDOKA TO MILNER 12 HOURS



Sheet No. ..... Prepared by ..... Date ..... Checked by ..... Date .....

PLATE NO. 11a

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR MAY 1933

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	0	0	0	0	0	0	0	0	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 ARMY SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	35	38	0	48	53	58	63	75	89	104	119	125	135	140	140	135	1367
BELL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	5	6	7	8	78
FALL RIVER	100	106	111	111	111	111	111	111	111	111	111	111	111	111	111	111	112	112	113	128	142	156	171	186	201	216	231	257	283	310	330	4634
McHAFE	2	2	2	2	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	73
CHESTER	7	7	7	7	7	8	9	10	10	10	11	12	12	13	13	14	16	19	21	23	23	24	24	32	40	48	55	56	56	56	56	705
SILKEY	10	10	10	9	8	8	7	7	6	7	8	9	10	12	14	15	17	18	20	19	19	19	19	16	13	11	8	8	8	8	8	361
CURR	3	3	3	3	3	3	3	3	3	3	3	3	3	20	40	44	44	44	44	44	44	44	44	45	45	45	46	54	62	70	76	1444
TOTAL SQUIRREL-CHESTER	123	129	134	133	131	132	132	132	132	132	133	121	122	193	215	232	229	236	203	266	286	306	326	355	394	430	474	506	533	564	574	13879

HENRYS FORK CANALS

DEWEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	14	14	14	20	20	20	184
LAST CHANCE	20	20	20	20	20	20	20	20	22	22	23	24	25	26	26	32	37	42	48	51	56	60	63	67	71	76	79	83	87	40	44	1384
ST. ANTHONY UNION	456	458	470	467	463	463	446	436	441	441	463	462	472	492	492	492	517	443	443	483	485	492	487	491	517	535	518	508	113	508	518	14682
FARMERS FRIEND	98	98	99	100	104	104	114	119	114	130	135	140	145	150	156	154	151	148	146	143	155	167	179	191	203	207	211	215	214	111	229	4757
TWIN GROVES	50	50	50	54	54	54	62	65	67	76	86	88	91	93	96	98	101	103	105	107	111	115	114	123	148	118	97	86	75	68	64	2661
SALEM UNION	58	73	146	157	161	161	157	153	157	157	173	173	189	193	197	205	193	197	193	189	193	147	205	217	235	235	230	231	221	223	235	5855
TOTAL ASHTON-ST. ANTHONY	682	699	785	794	804	812	798	793	811	826	880	887	922	954	947	931	882	833	835	871	1000	1014	1018	1110	1182	1183	1156	1137	1051	1154	1214	42,506
EGIN	299	282	295	292	306	310	306	288	277	274	274	274	281	302	324	335	349	335	333	331	342	343	346	342	342	346	354	354	337	337	337	9330
ST. ANTHONY UNION FEEDER	91	91	96	92	92	91	90	86	84	78	75	73	78	86	95	98	97	96	93	90	90	92	94	93	94	96	98	98	98	98	98	1033
INDEPENDENT	309	332	327	325	322	322	313	302	300	294	295	295	304	320	336	350	352	336	332	336	354	359	359	345	354	354	354	354	353	353	353	4654
CONSOLIDATED FARMERS	0	0	0	0	0	80	170	170	175	170	170	170	170	165	165	164	164	165	165	166	164	167	168	168	181	203	220	237	250	257	257	3,567
TOTAL ST. ANTHONY-REXBURG	698	705	718	709	720	803	879	848	836	821	814	812	833	873	920	947	942	932	923	933	952	960	967	948	974	1004	1024	1043	1038	1045	1062	27,554

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILFORD	84	85	86	86	76	86	86	87	86	85	85	65	83	80	87	69	69	88	84	84	85	93	93	93	95	95	124	134	137	164	177	2838
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	30	30	39	40	177
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	14	19	14	19	19	19	19	25	25	142
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-BYINGTON	0	0	0	3	6	0	0	0	0	0	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	4	5	6	8	8	8	94
PINCOCK-GARNER	8	8	8	8	8	8	9	10	12	14	15	16	17	19	20	21	23	22	20	19	18	17	16	17	15	14	13	12	11	10	10	348
TETON ISLAND FEEDER	100	120	140	150	150	160	160	167	160	150	150	148	153	157	163	167	177	182	192	203	213	222	223	233	231	223	235	240	237	238	230	5,105
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
ROXANA	10	10	10	10	10	10	10	11	11	11	10	10	10	10	10	10	10	11	12	13	13	14	14	14	15	15	16	17	17	17	17	379
ISLAND WARD	30	30	40	50	60	60	50	55	55	50	45	40	35	30	41	44	48	54	60	67	70	73	77	81	77	73	73	73	73	73	73	1,711
WOODMANSEE-JOHNSON	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	217
CITY OF REXBURG	10	13	14	16	18	20	20	20	20	20	21	21	21	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	602
REXBURG IRRIGATION	30	30	30	30	30	30	36	41	48	35	30	61	65	98	41	104	117	116	114	113	115	117	119	115	114	0	0	0	0	0	0	1,966
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	0
TOTAL	279	302	335	353	355	383	395	406	406	389	387	369	393	416	389	375	416	443	458	470	485	494	494	513	482	382	399	449	463	482	488	12,722

PLATE NO. 17

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JUNE 1933

FALL RIVER CANALS

CANAL OR DIVISION	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	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	0	0	0	0	0	0	0	0	35
HARRISFIELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERRYSVILLE	27	23	18	18	27	27	36	58	88	102	105	117	126	148	164	164	186	193	194	208	215	215	226	224	215	210	206	196	194	196	4304
TOTAL ABOVE SQUIRREL	27	23	20	20	28	28	38	60	90	104	107	119	128	150	166	166	188	195	196	210	215	215	226	224	215	210	206	196	194	196	4339
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	8	38	41	44	45	48	50	54	57	60	73	75	74	74	76	76	65	57	65	1136
ALMY	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	3	3	3	3	3	3	3	3	3	3	2	2	2	2	1	48
ENTERPRISE	150	150	160	160	170	171	174	177	179	179	179	180	180	183	187	192	199	197	195	193	0	169	187	186	185	183	182	180	178	160	5165
BELL	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	5	5	5	278
FALL RIVER	268	324	385	322	259	243	310	375	440	468	486	508	503	503	481	481	503	480	465	457	455	453	451	450	445	440	440	435	431	430	12693
McBEE	4	5	6	6	6	6	6	0	0	6	10	10	11	12	13	14	12	12	12	10	10	10	10	9	8	6	4	4	3	4	224
CHESTER	64	72	80	85	90	96	97	97	98	97	97	97	96	98	100	112	125	120	118	116	112	106	98	94	90	85	80	76	72	66	2854
SILKEY	9	10	11	12	13	14	18	22	26	26	26	26	27	27	27	27	27	26	25	25	25	25	25	23	22	21	18	12	11	11	617
CUAR	73	75	74	74	73	73	72	72	71	72	73	74	75	70	65	60	60	55	50	50	50	50	49	48	47	46	46	45	44	43	1831
TOTAL SQUIRREL-CHESTER	578	646	726	669	622	614	688	754	815	854	882	915	942	946	919	944	987	953	932	921	733	899	908	897	884	869	856	834	823	788	24883

HENRYS FORK CANALS

DEWEY	20	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	20	20	20	20	18	17	16	15	14	13	577
LAST CHANCE	94	94	94	94	94	93	93	90	90	90	90	90	90	90	45	0	71	71	71	71	71	71	71	70	69	67	66	64	63	59	2286
ST. ANTHONY UNION	548	542	523	542	550	553	542	539	530	546	523	537	537	553	530	535	550	550	526	508	523	539	542	526	554	530	523	515	488	472	15488
FARMERS FRIEND	0	0	236	245	255	265	273	281	289	295	280	275	270	265	260	257	253	248	243	238	234	230	230	230	230	230	166	166	166	167	6767
TWIN GROVES	0	0	74	69	64	100	140	183	181	179	176	174	171	169	164	159	140	125	110	95	96	97	98	99	100	100	100	100	101	100	3463
SALEM UNION	235	211	217	237	237	245	241	245	237	233	237	241	237	241	237	241	241	239	237	245	241	237	237	233	237	231	217	209	143	201	6446
TOTAL ASHTON-ST ANTHONY	897	872	1163	1206	1219	1276	1309	1358	1347	1353	1327	1338	1326	1338	1277	1213	1276	1254	1208	1178	1185	1194	1148	1078	1083	1046	1008	1006	1035	1012	36027
EGIN	382	371	378	364	364	369	367	378	382	378	385	371	371	371	351	337	340	344	315	311	290	279	281	315	317	281	231	152	202	202	9832
ST ANTHONY UNION FEEDER	106	103	102	101	106	105	106	94	94	90	90	94	92	100	101	98	99	99	68	68	71	58	54	58	59	53	52	56	58	56	2496
INDEPENDENT	373	388	373	388	383	388	378	378	378	397	345	352	385	388	350	341	336	345	308	277	282	299	308	299	304	306	308	342	178	187	19944
CONSOLIDATED FARMERS	280	274	269	270	275	280	281	280	278	276	274	272	270	269	266	258	250	242	236	229	222	216	216	218	220	224	229	232	235	233	9523
TOTAL ST ANTHONY-REXBURG	1141	1131	1122	1123	1128	1129	1132	1135	1132	1141	1094	1089	1118	1127	1068	1034	1045	1031	927	885	865	852	864	890	900	864	867	832	673	653	24183

TETON RIVER CANALS

SIDDOWAY	0	0	7	14	14	13	13	12	11	11	10	10	11	12	12	13	14	14	14	14	15	15	15	15	15	15	16	16	16	16	3633
WILFORD	156	204	231	231	222	181	184	207	219	219	185	198	181	182	207	231	231	214	207	207	176	200	200	187	210	192	192	194	196	189	5297
TETON IRRIGATION	41	44	47	50	52	53	55	56	57	61	68	73	73	72	72	71	70	77	84	91	99	97	95	93	92	90	89	88	90	95	2147
GOOD LUCK	0	11	23	25	28	30	28	26	24	23	22	20	21	23	25	26	27	29	30	29	29	28	28	27	27	27	27	27	26	26	752
PIONEER	26	29	32	35	38	42	43	44	45	46	47	48	48	50	51	52	51	35	47	40	34	31	29	27	24	21	22	23	24	8	1044
STEWART	33	32	31	29	27	25	26	27	29	30	31	33	35	37	39	41	42	38	33	32	30	30	30	29	28	28	28	27	27	9	916
PINCOCK-BYINGTON	24	25	26	26	27	28	28	29	30	30	31	31	30	29	29	28	28	27	27	26	25	25	24	23	23	23	21	20	19	14	775
PINCOCK-GARNER	10	25	38	38	39	39	40	41	41	42	42	43	43	44	40	35	31	27	36	34	32	30	30	30	30	29	29	29	29	4	1015
TETON ISLAND FEEDER	363	419	490	498	496	485	482	461	474	486	484	482	479	486	482	477	472	468	464	479	448	402	433	444	413	382	360	337	444	402	13454
NORTH SALEM	21	20	20	20	20	16	13	13	12	11	15	18	21	24	28	27	26	25	24	23	22	21	22	23	24	25	26	27	26	26	640
ROXANA	15	14	13	13	12	12	12	11	9	7	7	7	7	7	7	6	6	5	5	5	4	4	6	8	10	11	12	14	16	18	281
BLAND WARD	78	82	86	90	93	90	88	89	90	91	92	93	93	94	95	88	82	76	70	64	58	52	56	62	68	76	84	88	82	78	2400
WOODMAN-SEE-JOHNSON	10	13	14	16	18	20	23	25	28	30	31	32	33	34	35	36	37	38	39	34	30	30	28	32	26	24	25	26	27	29	1539
CITY OF REXBURG	48	49	47	47	48	47	48	49	51	52	51	51	53	53	52	54	55	54	55	55	54	54	53	53	54	53	56	57	59	26	1354
REXBURG IRRIGATION	262	260	258	256	254	261	269	268	269	270	275	280	285	291	286	281	277	273	268	264	239	224	220	216	198	180	167	174	167	160	7335
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	1446	1535	1663	1678	1678	1641	1651	1658	1689	1741	1742	1787	1814	1858	1861	1866	1850	1744	1703	1587	1481	1443	1460	1485	1463	1381	1363	1347	1354	1094	39600

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JULY 1933

PAGE NO. 13

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
YOUNGSTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HATHERLEIGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARPSTEDT	136	131	110	109	104	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	79	74	77	78	77	77	77	76	77	77	2316
TOTAL ABOVE SQUIRREL	136	131	110	109	104	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	79	74	77	78	77	77	77	76	77	77	2316
FARMERS OWN	73	72	65	65	65	65	63	7	7	7	7	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	516
ALMY	1	0	0	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
ENTERPRISE	143	140	137	134	131	0	0	0	0	0	0	120	110	120	120	120	120	130	130	130	109	108	106	106	107	106	105	102	102	101	97	3233
BELL	5	5	5	5	4	4	4	6	8	7	6	4	3	4	6	5	5	4	2	2	3	3	2	2	2	2	2	1	1	1	1	116
FALL RIVER	342	335	358	355	351	358	364	366	368	362	356	335	364	362	360	356	352	337	322	341	360	360	360	356	356	358	360	356	352	346	339	11035
MCBEE	5	5	5	4	3	3	3	6	9	8	8	7	6	6	6	5	5	4	3	3	3	2	2	1	0	0	0	0	0	0	0	112
CHESTER	61	53	45	42	40	36	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	315
SILKEY	10	7	4	6	7	6	5	12	20	17	15	10	6	6	5	4	4	10	15	19	23	20	18	16	15	12	9	8	7	6	4	316
CURR	43	40	37	37	37	37	37	34	31	28	25	35	44	46	47	36	26	32	37	36	35	37	35	35	35	30	24	26	28	28	27	1065
TOTAL SQUIRREL-CHESTER	733	697	656	644	640	510	516	433	443	429	417	521	553	554	554	536	522	517	509	551	523	520	546	533	535	518	520	514	507	499	496	16557

HENRYS FORK CANALS

DEWEY	11	12	12	12	11	11	0	0	0	0	0	0	0	0	0	23	25	27	27	27	25	14	14	14	15	16	14	13	13	13	13	375
LAST CHANCE	55	46	38	34	31	30	29	15	0	15	36	34	42	41	40	40	40	42	44	42	40	39	38	40	43	40	38	39	40	38	37	1126
ST. ANTHONY UNION	0	0	424	440	443	436	438	430	433	467	501	494	488	514	524	515	506	509	512	512	512	514	515	512	436	500	506	509	512	509	506	14107
FARMERS FRIEND	170	146	123	114	105	52	0	0	0	0	0	0	0	0	70	68	66	71	76	70	64	78	80	80	80	79	78	81	82	81	80	1988
TWIN GROVES	100	99	94	89	106	122	126	131	126	122	122	121	131	141	142	144	142	139	0	0	73	73	100	123	100	79	84	85	83	77	77	3155
SALEM UNION	201	160	119	119	119	146	173	205	237	226	215	196	177	167	157	185	213	209	205	205	0	0	165	177	187	133	157	157	157	163	161	5171
TOTAL ASHTON-ST. ANTHONY	537	463	810	808	815	747	756	781	796	830	874	845	838	863	956	977	944	997	864	854	705	712	813	847	864	805	876	889	887	881	880	25947
EGIN	240	236	251	251	254	242	247	246	245	240	206	206	206	204	203	227	272	296	326	330	333	333	333	334	337	335	333	333	333	320	300	9276
ST. ANTHONY UNION FEEDER	56	50	41	29	27	50	51	64	77	81	85	78	71	76	80	65	47	66	84	83	82	81	80	80	80	82	84	84	85	83	82	2184
INDEPENDENT	197	228	232	191	191	169	147	129	112	168	242	200	159	161	163	148	132	140	149	146	142	132	123	150	178	167	156	156	156	144	132	5039
CONSOLIDATED FARMERS	234	211	151	91	86	82	103	115	152	247	250	252	247	242	166	90	114	139	146	155	198	242	240	237	148	158	148	138	124	118	120	5284
TOTAL ST. ANTHONY-REXBURG	727	725	675	562	563	593	598	613	736	784	863	816	763	783	692	580	565	643	705	714	755	788	776	802	743	742	721	711	698	658	642	21782

TETON RIVER CANALS

STIDDOWAY	10	13	12	10	12	13	13	10	10	9	5	1	4	7	7	7	8	8	10	9	9	9	9	9	11	11	13	12	12	12	12	303
WILFORD	76	82	76	79	78	76	76	76	79	82	80	78	79	79	73	67	66	65	66	67	66	64	64	65	64	64	63	62	62	62	61	2169
TETON IRRIGATION	94	92	83	74	75	76	75	74	76	78	76	74	80	87	87	87	86	84	82	80	80	80	76	73	72	72	71	69	67	67	67	2419
GOOD LUCK	26	27	26	26	26	26	24	23	21	21	24	26	22	17	15	13	12	11	12	13	13	12	13	14	13	12	11	11	12	12	12	543
PIONEER	31	34	32	30	30	30	30	30	30	30	28	26	26	26	28	29	29	12	11	10	11	12	11	11	12	12	11	10	10	10	10	643
STEWART	10	10	10	9	10	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	9	10	10	11	12	11	11	10	10	10	326
PINCOCK-BYINGTON	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	10	310
PINCOCK-GARNER	7	5	6	8	8	7	7	7	7	7	7	7	7	7	8	10	15	20	18	17	13	9	9	9	10	11	11	11	10	9	9	248
TETON ISLAND FEEDER	402	402	399	396	382	369	360	350	344	317	334	331	308	285	270	256	263	270	253	236	192	148	162	175	178	180	175	170	172	182	181	8476
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
ROXANA	18	20	14	8	4	1	5	10	10	11	9	7	8	11	7	3	4	6	4	3	2	1	2	3	4	4	8	12	14	13	13	235
ISLAND WARD	38	37	34	32	36	40	36	33	41	31	44	36	17	18	19	30	37	34	33	31	30	29	28	26	25	24	25	24	25	24	24	894
WOODMANSEE-JOHNSON	26	26	26	26	24	22	24	27	25	29	27	27	30	34	30	27	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	444
CITY OF REXBURG	26	27	28	29	30	30	30	31	34	37	33	30	33	31	28	25	28	30	30	28	26	24	25	27	27	26	25	25	24	25	25	880
REXBURG IRRIGATION	148	134	138	141	131	136	133	119	120	121	121	121	130	139	145	114	124	119	115	101	123	145	142	138	130	133	117	110	114	110	115	3504
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	938	923	844	838	850	837	832	809	881	832	809	785	765	768	731	680	699	658	623	578	554	552	550	554	561	547	528	523	533	525	521	18224

PLATE NO. 19

DAILY DISCHARGE IN SEC FT. OF HENRYS FORK CANALS FOR AUGUST 1933

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
HARRINGTON	0	0	0	0	0	0	0	0	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	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	125
TOTAL ABOVE SQUIRREL	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	125
FREMONT CITY	0	41	41	40	48	48	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	466
EAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATERPOWER	119	121	119	117	120	121	110	119	116	114	114	114	135	135	140	146	146	147	144	141	144	148	146	144	144	144	143	142	143	144	144	4132
EAST	1	2	2	2	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
FALL RIVER	355	371	372	352	346	341	339	345	337	329	314	320	323	326	324	322	323	322	322	321	335	348	346	343	364	385	358	351	323	314	314	10474
LATEE	0	0	0	2	2	0	0	0	0	1	1	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	19
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
SURREY	6	7	10	14	8	2	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	48
CURB	34	42	42	41	36	32	38	43	41	41	41	40	40	40	36	33	34	35	33	31	32	33	34	34	36	37	42	46	36	32	32	1147
TOTAL SQUIRREL-CHESTER	515	584	576	576	561	545	545	556	543	534	518	475	499	504	503	502	503	505	499	494	511	529	526	521	544	566	543	520	502	491	491	16291

HENRYS FORK CANALS

DEWEY	14	15	15	15	15	15	14	14	14	14	14	14	13	13	13	13	13	13	13	14	14	13	13	13	13	0	0	0	0	0	0	344
LAST CHANCE	38	40	40	39	37	38	36	34	32	31	34	36	35	34	34	34	34	33	33	34	35	36	36	34	34	0	0	0	0	0	0	881
ST ANTHONY UNION	404	404	402	400	403	406	406	406	400	395	405	402	419	436	440	443	442	441	436	431	394	358	331	304	307	310	332	333	328	325	325	11458
FARMERS FRIEND	82	83	82	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	487
TWIN GROVES	76	82	88	82	76	74	73	74	76	74	73	72	72	74	75	75	76	77	78	78	78	72	65	65	66	0	29	28	27	28	28	2011
SALEM UNION	172	175	168	163	161	159	163	167	159	150	146	181	150	118	118	119	116	114	116	119	126	127	118	108	119	130	125	120	116	113	112	4267
TOTAL ASHTON-ST ANTHONY	786	799	796	779	772	772	692	695	680	664	692	705	689	675	680	684	681	678	676	676	647	606	563	524	539	440	476	481	471	466	465	14944
EGIN	300	299	298	297	296	295	295	295	242	189	201	207	229	251	252	254	254	254	254	254	237	200	197	194	203	210	210	210	208	207	207	7487
ST ANTHONY UNION FEEDER	81	81	81	82	74	66	66	66	70	67	74	80	79	78	80	82	81	80	79	78	78	78	78	78	82	86	84	82	81	76	76	2404
INDEPENDENT	146	154	163	167	156	146	152	158	160	161	161	161	161	161	154	147	156	165	159	158	160	161	144	123	118	109	93	77	59	41	41	4280
CONSOLIDATED FARMERS	104	133	162	166	171	167	169	167	174	153	149	151	127	129	125	115	88	107	138	146	142	127	111	109	109	104	104	104	104	117	117	4109
TOTAL ST ANTHONY-REXBURG	631	672	704	712	697	674	682	686	646	565	585	599	596	619	611	598	579	606	629	636	607	566	530	503	511	511	496	473	452	441	441	15780

TETON RIVER CANALS

SIDDOWAY	12	13	14	14	15	14	14	14	14	13	12	12	13	12	12	12	12	12	12	14	16	15	15	14	13	14	15	14	13	14	14	416
WILFORD	60	62	62	64	66	66	65	66	67	66	66	67	60	66	66	66	65	64	68	68	67	59	51	58	65	66	67	69	67	67	67	2011
TETON IRRIGATION	54	64	57	61	66	66	67	66	65	58	52	59	66	68	69	66	63	62	62	64	65	61	59	56	54	58	62	56	49	53	51	1608
GOOD LUCK	10	10	12	11	11	10	10	10	10	10	10	10	9	10	11	10	10	11	11	12	13	12	10	10	9	10	10	10	10	10	10	328
PIONEER	10	10	10	10	9	10	11	10	10	10	9	9	9	10	10	10	10	11	11	10	9	9	9	8	7	8	10	10	11	10	9	298
STEWART	10	11	12	13	12	10	9	9	9	9	9	9	9	10	10	10	10	10	11	10	8	8	8	8	8	8	9	9	10	10	9	314
PINLOCK-BYINGTON	9	10	10	10	9	9	9	9	9	8	7	7	7	7	6	6	6	6	7	7	8	8	8	9	9	9	10	9	9	9	8	263
PINLOCK-GARNER	7	9	10	9	8	8	7	9	11	10	10	10	10	9	9	8	9	5	3	6	8	8	8	9	9	9	10	9	9	9	8	264
TETON ISLAND FEEDER	178	199	210	215	230	231	212	199	185	185	185	180	175	172	170	162	155	153	154	148	170	164	158	150	152	164	217	230	244	256	256	6401
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
ROXANA	13	14	15	18	20	18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	17	17	16	16	16	16	16	16	16	16	504
LYMAN-WARD	0	0	0	0	17	17	17	18	20	20	20	20	19	10	8	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	174
WOODLAWN-JOHNSON	0	0	14	14	13	8	3	0	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	25	26	27	25	26	26	25	27	28	26	25	25	19	18	16	15	16	18	16	16	16	17	17	17	17	18	19	18	19	21	23	506
REXBURG IRRIGATION	109	132	155	148	140	124	108	118	130	132	135	132	129	125	131	126	132	135	138	136	135	132	129	123	117	128	139	134	129	128	128	4026
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	537	576	610	624	642	607	573	551	534	563	556	554	547	533	519	510	509	505	511	542	564	564	529	570	540	608	12694					

PLATE NO. 20

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR SEPT. 1933

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
HARRIMAN	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	21	23	23	27	24	23	23	23	23	23	216
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	23	23	27	24	23	23	23	23	23	216
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	144	144	143	143	143	143	143	143	143	144	145	144	143	144	145	144	143	143	143	143	143	143	143	143	0	0	0	0	0	0	3447
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	308	310	312	304	295	294	293	186	179	142	106	53	0	0	0	0	74	128	183	143	102	88	73	78	83	80	76	130	183	183	4385
MOORE	0	0	0	0	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CURR	31	31	31	29	27	23	19	22	26	27	28	29	29	29	29	29	29	26	34	24	25	20	14	22	29	16	16	17	18	18	737
TOTAL SQUIRREL-CHESTER	483	485	486	476	465	460	455	351	348	313	283	230	176	177	174	173	246	297	350	309	230	251	230	143	112	96	92	147	201	201	8580

HENRYS FORK CANALS

DEWEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAST CHANCE	16	16	16	16	17	14	11	12	14	16	17	18	19	18	18	18	19	19	19	20	22	21	23	27	31	24	27	28	26	26	569
ST. ANTHONY UNION	325	325	325	341	357	368	378	382	385	376	368	346	323	321	325	316	326	294	262	263	264	266	268	273	278	276	277	273	270	270	9426
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWIN GROVES	0	0	0	0	0	0	0	0	0	29	29	29	29	29	29	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203
SALEM UNION	118	118	118	115	112	116	120	120	0	0	0	0	0	0	0	0	0	0	0	0	34	52	54	62	66	0	0	0	0	0	1210
TOTAL ASHTON-ST ANTHONY	459	459	459	432	486	498	509	514	399	421	414	393	371	368	372	363	345	313	281	283	320	339	350	362	375	305	304	308	296	296	11427
EGIN	240	237	254	254	254	233	232	232	217	218	220	220	220	222	224	223	222	220	219	207	186	188	182	183	180	184	184	184	184	184	6234
ST ANTHONY UNION FEEDER	80	78	76	76	76	76	76	79	82	82	82	80	78	78	79	80	80	78	78	79	80	79	78	77	76	75	64	74	74	74	2336
INDEPENDENT	24	12	0	24	48	50	53	53	53	54	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	756
CONSOLIDATED FARMERS	112	107	96	85	84	82	84	85	85	85	85	85	67	40	72	55	55	55	55	55	55	55	55	55	56	55	55	55	55	55	2129
TOTAL ST ANTHONY-REXBURG	436	434	426	439	462	441	445	449	437	439	442	440	420	445	430	413	412	353	351	336	321	322	323	320	319	316	313	313	313	313	11455

TETON RIVER CANALS

MIDDLEWAY	13	12	12	11	10	10	10	10	10	10	10	10	10	10	11	10	10	10	10	10	10	10	10	10	10	10	11	10	10	10	310
WILFORD	64	64	66	66	66	67	65	63	64	64	64	65	64	64	63	62	61	60	62	64	56	47	47	47	48	48	48	48	54	60	1785
TETON IRRIGATION	52	46	44	43	42	41	41	41	44	46	50	53	59	65	61	57	56	56	46	37	45	53	52	50	48	46	38	29	28	29	1354
GOODENOUGH	10	9	8	8	7	7	7	7	7	7	8	8	8	8	8	9	8	8	8	7	6	6	5	5	6	8	8	8	8	8	214
PIONEER	8	8	8	8	10	10	9	9	9	10	10	10	10	11	10	10	10	9	9	9	10	11	10	9	10	10	10	10	10	10	283
STEWART	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	5	6	7	6	5	6	7	7	7	7	7	214
PITCOCK-BYINGTON	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	134
PITCOCK-FARMER	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	4	134
TETON ISLAND FEEDER	134	132	134	130	131	132	130	133	130	132	134	130	133	136	134	136	138	138	136	134	134	134	134	134	134	134	134	134	134	134	4147
FARMERS UNION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HOBANE	14	13	14	14	12	10	11	11	12	13	13	12	11	11	11	11	11	10	8	8	7	6	5	5	8	10	10	10	10	10	318
RICARD-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
WOODLAWN-BYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WM. T. REXBURG	33	34	33	32	34	34	33	33	33	33	33	33	15	15	15	33	33	34	30	36	34	32	32	30	30	31	30	30	31	31	1004
REXBURG IRRIGATION	116	114	116	116	116	114	124	131	131	130	130	130	133	133	133	132	135	133	133	133	132	130	129	129	129	130	130	130	130	130	4274
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	465	458	458	436	434	456	457	471	481	494	498	500	479	488	483	479	484	474	456	436	428	430	424	414	425	428	426	421	432	444	14747

HENRYS FORK - DAILY SEGREGA

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE STOR.	NORM.	TOTAL	STORED LOSS LAKE TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER STOR.	NORM.	TOTAL	STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON STOR.	NORM.	TOTAL	DIVERSIONS ASHTON TO ST. ANTHONY [a] STOR.	NORM.	TOTAL	HENRYS FORK AT ST. ANTHONY STOR.	NORM.	TOTAL	DIVERSIONS BELOW ST. ANTHONY [b] STOR.	NORM.	TOTAL	STORED BALANCE BELOW DIVERSIONS
[illegible]		0	10	10	0	JULY 7	0	818	818	0	JULY 7	0	1180	1180	0	781	781	0	709	709	0	613	613	0
6		0	10	10	0	8	0	824	824	0	8	0	1180	1180	0	794	794	0	800	800	0	736	736	0
7	37448	0	38	38	0	9	0	855	855	0	9	0	1230	1230	0	830	830	0	819	819	51	735	786	-51
8	37267	59	46	105	1	10	58	803	861	0	10	58	1252	1350	122	752	874	-45	923	859	309	657	966	-268
9	36847	195	42	237	3	11	192	707	899	1	11	191	1159	1350	226	619	845	-35	789	754	236	580	816	-171
10	36347	229	41	270	3	12	226	757	983	1	12	235	1145	1376	221	417	638	4	741	745	176	587	763	-118
11	35770	271	39	310	4	13	267	763	1030	1	13	246	1114	1380	259	606	865	7	707	709	179	584	763	-178
12	35157	290	38	328	4	14	286	764	1050	1	14	285	1085	1370	392	418	756	-57	731	674	181	511	692	-238
13	34588	290	36	326	4	15	286	784	1070	2	15	284	1086	1370	316	661	977	-37	634	607	165	415	580	-197
14	34042	234	35	269	4	16	230	850	1080	1	16	275	1091	1320	283	711	994	-54	629	575	156	409	565	-218
15	33600	203	35	238	3	17	200	870	1070	1	17	199	1221	1420	479	518	997	-286	1007	727	122	451	573	-432
16	32951	309	35	344	4	18	305	735	1040	2	18	303	1097	1400	327	527	854	-34	779	745	247	458	705	-381
17	32274	322	35	357	5	19	317	743	1060	2	19	315	1105	1420	329	525	854	-14	723	709	253	461	714	-267
18	31597	321	34	355	5	20	314	806	1120	2	20	314	1086	1400	431	272	703	-117	871	754	290	465	755	-407
19	30913	325	34	359	5	21	320	800	1120	2	21	318	1102	1420	418	294	712	-100	881	781	323	465	788	-433
20	30165	357	34	391	5	22	352	768	1120	2	22	350	1150	1500	596	316	912	-246	1066	819	311	465	776	-567
21	29278	427	34	461	6	23	421	709	1130	2	23	419	1111	1530	633	314	947	-214	1073	859	333	469	802	-547
22	28354	445	34	479	7	24	438	707	1140	2	24	436	1094	1530	624	240	864	-188	915	727	321	472	793	-509
23	27428	446	33	479	7	25	439	741	1180	2	25	437	1093	1530	582	309	885	-145	854	709	269	473	742	-414
24	26500	448	33	481	7	26	441	759	1200	2	26	439	1091	1530	567	307	874	-128	837	709	239	482	721	-367
25	25574	447	32	479	7	27	440	780	1220	2	27	438	1092	1530	572	314	886	-136	845	709	220	491	711	-359
26	24644	449	32	481	7	28	442	788	1230	2	28	440	1066	1500	565	322	887	-125	817	692	204	494	698	-329
27	23712	450	31	481	7	29	443	767	1210	2	29	441	1039	1480	562	319	881	-121	821	700	177	494	671	-308
28	22789	445	31	476	7	30	438	762	1200	2	30	436	1064	1500	545	317	862	-129	812	683	170	486	656	-305
29	21877	440	30	470	7	31	433	767	1200	2	31	431	1079	1510	526	310	786	-145	854	709	170	461	631	-315
30	20953	445	29	474	7	AUG. 1	438	772	1210	2	AUG. 1	436	1114	1550	563	236	799	-127	872	745	212	460	672	-339
31	20029	446	28	474	7	2	437	781	1220	2	2	437	1073	1510	562	234	796	-135	915	790	245	459	704	-370
AUG. 1	19095	452	27	479	7	3	445	785	1230	2	3	445	1067	1510	554	225	779	-111	892	781	253	459	712	-364
2	18166	446	26	472	7	4	439	761	1200	2	4	437	1063	1500	547	225	772	-110	873	763	264	459	723	-374
3	17227	451	26	479	7	5	446	754	1200	2	5	444	984	1430	512	257	769	-69	796	727	250	454	704	-319
4	16276	389	26	415	6	6	383	757	1140	2	6	381	957	1340	461	291	752	-80	780	700	258	424	682	-338
5	15816	385	25	410	4	7	381	759	1140	2	7	379	1061	1340	465	236	701	-186	886	700	343	343	686	-529
6	15266	256	25	281	4	8	252	778	1030	1	8	251	1077	1290	453	237	690	-202	905	683	354	292	646	-556
7	14713	254	25	279	4	9	250	760	1010	1	9	249	951	1200	440	229	669	-191	806	615	334	235	569	-525
8	14303	187	25	212	3	10	184	754	938	1	10	183	1037	1220	458	234	692	-225	915	690	310	255	565	-605
9	13964	151	24	175	1	11	150	788	938	1	11	149	1147	1290	426	279	705	-227	977	700	332	267	599	-609
10	13460	234	24	258	4	12	230	766	996	1	12	229	1081	1310	415	274	689	-186	886	700	336	260	596	-522
11	12889	268	24	292	4	13	264	746	1010	2	13	263	1097	1310	400	275	675	-137	837	700	351	268	619	-488
12	12310	272	24	296	4	14	268	722	990	1	14	266	954	1220	412	268	680	-144	804	658	331	280	611	-477
13	11856	269	23	292	3	15	204	725	931	1	15	265	1015	1220	422	262	684	-217	841	624	322	256	578	-539
14	11471	174	22	197	2	16	172	746	918	1	16	171	1049	1220	418	263	681	-247	862	615	304	274	579	-551
15	11093	171	23	194	3	17	168	737	905	1	17	167	1053	1220	415	263	678	-248	872	624	332	274	606	-580
16	10717	170	22	192	2	18	168	737	905	1	18	167	1173	1280	437	239	676	-270	936	666	356	273	629	-626
17	10345	169	22	190	3	19	165	766	931		19	164	1146	1310	404	272	676	-240	914	674	348	278	626	-604

[a] Includes storage diversions by [illegible]

[b] Includes storage diversions by [illegible]

DAILY SEGREGATION OF FLOW IN SEC. FT. - 1933

PLAT

ANTHONY TOTAL	STORED BALANCE BELOW DIVERSIONS
643	0
236	0
286	-51
865	-268
816	-277
765	-172
769	-172
672	-238
580	-197
565	-210
643	-452
705	-381
714	-267
755	-407
788	-423
776	-427
802	-547
743	-609
792	-414
721	-347
711	-359
678	-329
658	-300
642	-305
631	-315
672	-339
704	-370
712	-364
697	-374
674	-319
682	-338
686	-529
644	-556
569	-525
585	-605
549	-609
596	-522
619	-488
611	-477
578	-539
529	-591
486	-580
489	-626
626	-604

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE STOR.	HENRYS FORK NEAR LAKE NORM.	HENRYS FORK NEAR LAKE TOTAL	STORED LOST LAKE TO WARM RIVER	DATE
AUG 31	9941	184	22	206	3	AUG 31
30	9534	186	22	208	3	30
29	9124	187	21	208	3	29
28	8712	188	21	209	3	28
27	8596	39	20	59	0	27
26	8517	0	20	20	0	26
25	8517	0	18	18	0	25
24	8517	0	18	18	0	24
23	8517	0	18	18	0	23
22	8517	0	18	18	0	22
21	8517	0	18	18	0	21
20	8517	0	18	18	0	20
19	8517	0	17	17	0	19
18	8517	0	17	17	0	18
17	8517	0	17	17	0	17
16	8517	0	17	17	0	16
15	8517	0	17	17	0	15
14	8517	0	17	17	0	14
13	8517	0	17	17	0	13
12	8517	0	17	17	0	12
11	8517	0	17	17	0	11
10	8517	0	17	17	0	10
9	8517	0	17	17	0	9
8	8517	0	17	17	0	8
7	8517	0	17	17	0	7
6	8517	0	17	17	0	6
5	8517	0	17	17	0	5
4	8517	0	17	17	0	4
3	8517	0	17	17	0	3
2	8517	0	17	17	0	2
SEP 1	8517	0	17	17	0	SEP 1
31	8517	0	17	17	0	31
30	8517	0	17	17	0	30
29	8517	0	17	17	0	29
28	8517	0	17	17	0	28
27	8517	0	18	18	0	27
26	8517	0	18	18	0	26
25	8517	0	18	18	0	25
24	8517	0	18	18	0	24
23	8517	0	18	18	0	23
22	8517	0	18	18	0	22
21	8517	0	18	18	0	21
20	8517	0	18	18	0	20
19	8517	0	18	18	0	19
18	8517	0	18	18	0	18
17	8517	0	18	18	0	17
16	8517	0	18	18	0	16
15	8517	0	18	18	0	15
14	8517	0	18	18	0	14
13	8517	0	18	18	0	13
12	8517	0	18	18	0	12
11	8517	0	18	18	0	11
10	8517	0	18	18	0	10
9	8517	0	18	18	0	9
8	8517	0	18	18	0	8
7	8517	0	18	18	0	7
6	8517	0	18	18	0	6
5	8517	0	18	18	0	5
4	8517	0	18	18	0	4
3	8517	0	18	18	0	3
2	8517	0	18	18	0	2
SEP 1	8517	0	18	18	0	SEP 1
31	8517	0	18	18	0	31
30	8517	0	18	18	0	30
29	8517	0	17	17	0	29
28	8517	0	17	17	0	28
27	8517	0	17	17	0	27
26	8517	0	17	17	0	26
25	8517	0	17	17	0	25
24	8517	0	17	17	0	24
23	8517	0	17	17	0	23
22	8517	0	17	17	0	22
21	8517	0	17	17	0	21
20	8517	0	17	17	0	20
19	8517	0	17	17	0	19
18	8517	0	17	17	0	18
17	8517	0	17	17	0	17
16	8517	0	17	17	0	16
15	8517	0	17	17	0	15
14	8517	0	17	17	0	14
13	8517	0	17	17	0	13
12	8517	0	17	17	0	12
11	8517	0	17	17	0	11
10	8517	0	17	17	0	10
9	8517	0	17	17	0	9
8	8517	0	17	17	0	8
7	8517	0	17	17	0	7
6	8517	0	17	17	0	6
5	8517	0	17	17	0	5
4	8517	0	17	17	0	4
3	8517	0	17	17	0	3
2	8517	0	17	17	0	2
SEP 1	8517	0	17	17	0	SEP 1
31	8517	0	17	17	0	31
30	8517	0	17	17

SEC. FT. - 1933

PLATE NO. 21

DATE	HENRYS LAKE AC. FT.	HENRYS FORK NEAR LAKE STOR.	HENRYS FORK NEAR LAKE NORM.	HENRYS FORK NEAR LAKE TOTAL	STORED LOSS LAKE TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER STOR.	HENRYS FORK AT WARM RIVER NORM.	HENRYS FORK AT WARM RIVER TOTAL	STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON STOR.	HENRYS FORK NEAR ASHTON NORM.	HENRYS FORK NEAR ASHTON TOTAL	DIVERSIONS ASHTON TO ST. ANTHONY STOR.	DIVERSIONS ASHTON TO ST. ANTHONY NORM.	DIVERSIONS ASHTON TO ST. ANTHONY TOTAL	HENRYS FORK AT ST. ANTHONY STOR.	HENRYS FORK AT ST. ANTHONY NORM.	HENRYS FORK AT ST. ANTHONY TOTAL	DIVERSIONS BELOW ST. ANTHONY STOR.	DIVERSIONS BELOW ST. ANTHONY NORM.	DIVERSIONS BELOW ST. ANTHONY TOTAL	STORED BALANCE BELOW DIVERSIONS
	9341	184	22	206			781	757	938			1080	1070	1850	406	291	697	-326	906	580	335	272	607	-561
	9334	186	22	208	3	AUG 21	785	727	912	1	AUG 21	1080	1070	1860	397	210	607	-214	923	709	290	272	562	-508
	9124	187	21	208	3	22	784	746	930	1	22	1080	1070	1850	395	185	580	-195	940	745	241	245	530	-456
	8772	186	21	207	3	23	785	675	880	1	23	1080	1070	1850	344	140	484	-156	860	640	242	246	508	-432
	8596	34	20	54	0	24	81	737	774	0	24	39	1091	1070	374	165	539	-337	977	615	233	278	511	-578
	8517	0	20	20	0	25	0	770	770	0	25	0	1150	1150	279	166	445	-274	940	692	224	290	514	-479
	8517	0	18	18	0	26	0	831	831	0	26	0	1110	1110	347	134	481	-232	988	692	201	294	495	-459
	8517	0	18	18	0	27	0	788	788	0	27	0	1090	1070	410	171	481	-230	971	683	91	387	478	-581
	8517	0	18	18	0	28	0	774	774	0	28	0	1090	1070	286	185	471	-286	944	658	114	343	457	-400
	8517	0	18	18	0	29	0	765	765	0	29	0	1070	1070	294	171	465	-311	974	640	119	323	441	-407
	8517	0	18	18	0	30	0	753	753	0	30	0	1080	1080	284	161	445	-318	974	634	119	323	441	-408
	8517	0	17	17	0	31	0	753	753	0	31	0	1080	1050	191	161	352	-221	877	596	96	340	436	-379
	8517	0	17	17	0	SEP. 1	0	753	753	0	SEP. 1	0	1070	1070	270	161	431	-279	910	632	79	365	434	-454
	8517	0	17	17	0	2	0	753	753	0	2	0	1070	1070	277	182	459	-277	892	615	56	370	426	-388
	8517	0	17	17	0	3	0	753	753	0	3	0	1070	1070	274	196	472	-270	881	607	109	330	439	-383
	8517	0	16	16	0	4	0	753	753	0	4	0	1080	1080	272	214	486	-272	872	607	131	334	465	-404
	8517	0	16	16	0	5	0	753	753	0	5	0	1050	1050	273	225	498	-273	858	585	132	309	441	-405
	8517	0	15	15	0	6	0	747	747	0	6	0	1040	1040	274	235	509	-274	849	575	137	348	485	-411
	8517	0	15	15	0	7	0	741	741	0	7	0	1040	1040	275	239	514	-275	851	576	138	291	429	-413
	8517	0	15	15	0	8	0	747	747	0	8	0	1070	1070	157	242	399	-157	911	750	120	247	437	-315
	8517	0	15	15	0	9	0	759	759	0	9	0	1050	1050	189	232	421	-189	1011	819	139	300	439	-328
	8517	0	15	15	0	10	0	747	747	0	10	0	1040	1040	195	219	414	-195	1054	859	140	302	442	-335
	8517	0	15	15	0	11	0	741	741	0	11	0	1050	1050	195	198	393	-195	1094	899	140	300	440	-335
	8517	0	15	15	0	12	0	741	741	0	12	0	1040	1040	195	176	371	-195	1115	920	138	298	436	-317
	8517	0	15	15	0	13	0	741	741	0	13	0	1030	1030	191	177	368	-191	1100	909	93	352	445	-353
	8517	0	15	15	0	14	0	753	753	0	14	0	1150	1150	192	180	372	-192	1208	1016	55	375	430	-340
	8517	49	16	65	1	15	48	776	824	0	15	48	1082	1130	191	182	373	-193	1293	1090	55	358	413	-308
	8429	51	15	66	1	16	50	768	818	0	16	50	1072	1120	162	183	345	-172	1192	1060	55	357	412	-267
	8342	51	15	66	0	17	51	743	794	0	17	51	1019	1070	162	151	313	-116	1020	969	0	353	353	-111
	8254	50	15	65	1	18	49	733	782	1	18	48	1042	1090	162	119	281	-114	1015	896	0	351	351	-114
	8166	50	15	65	1	19	49	733	782	0	19	49	1021	1070	163	120	283	-116	1098	982	0	334	334	-116
	8078	50	15	65	0	20	50	726	776	0	20	50	1030	1080	139	181	320	-141	1133	984	0	327	327	-149
	7990	49	15	64	1	21	48	728	776	0	21	48	1023	1070	216	123	339	-168	1131	963	0	322	322	-168
	7903	48	15	63	1	22	47	723	770	1	22	46	1024	1070	225	125	350	-177	1142	965	0	322	322	-179
	7816	47	15	62	0	23	47	735	782	0	23	47	1033	1080	243	120	363	-195	1158	963	0	320	320	-197
	7729	49	15	64	1	24	48	758	806	0	24	48	1172	1220	76	299	375	-76	1300	1200	0	319	319	-38
	7641	50	15	65	1	25	49	819	868	0	25	49	1101	1150	2	303	305	47	1143	1190	0	316	316	-47
	7554	50	15	65	0	26	50	762	812	1	26	49	1081	1130	0	300	300	49	1061	1110	0	313	313	49
	7466	50	15	65	1	27	49	745	794	0	27	49	1021	1070	0	300	300	49	981	1030	0	313	313	49
	7378	50	15	65	1	28	49	745	794	0	28	49	1001	1050	0	296	296	49	971	1020	0	313	313	49
	7290	49	15	64	0	29	48	727	774	1	29	48	992	1040	0	296	296	48	972	1020	0	313	313	48
	7220	10	15	25	0	30	10	731	741	0		10						10						10
	7203	0	6	6	0		0																	
	7240	0	6	6	0																			
					216		14153			71		14082			27320			-1238			14974			-28212
	ON 14369																							

from Teton River.

DAILY STORAGE DELIVERIES FROM JACKSON LAKE AND HENRYS LAKE TO HENRYS FORK CANALS 1931

PLATE NO. 22.

SECOND FEET EXCEPT AS NOTED

DATE	MARYSVALE CANAL	FARMERS OWN CANAL	INTERFARM CANAL	McDEE CANAL	COMMIT CR. CANAL	DEWEY CANAL	LAST CHANCE CANAL	ST. ANTHONY UNION CANAL	FARMERS FRIEND CANAL	TWIN CANALS CANAL	SALEM HIGH CANAL	TOTAL ABOVE ST. ANTHONY	EGIN CANAL	INDEPENDENT CANAL	CONSOLIDATED FARMERS CANAL	ISLAND WATER CANAL	TOTAL BELOW ST. ANTHONY
	TT.	TT.	TT.	TT.	TT.	TH.	TT.	TH.	TT.	TT.	TH.	TT.	TH.	TT.	TH.	TT.	TT.
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DAILY DISCHARGE IN SECOND-FEET OF [illegible] AT MORAN, WYOMING

For the year ending September 30, [illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	376[illegible]	394[illegible]	413470	434[illegible]	464[illegible]	491[illegible]	510[illegible]	536[illegible]	660[illegible]	647[illegible]	[illegible]	[illegible]
2	376[illegible]	393[illegible]	413[illegible]	435[illegible]	46[illegible]	492[illegible]	510[illegible]	53[illegible]	675[illegible]	647[illegible]	[illegible]	[illegible]
3	377[illegible]	395[illegible]	414[illegible]	436[illegible]	466[illegible]	493[illegible]	511[illegible]	54[illegible]	686[illegible]	649[illegible]	[illegible]	[illegible]
4	377[illegible]	39[illegible]	414[illegible]	437[illegible]	467[illegible]	494[illegible]	511[illegible]	54[illegible]	700[illegible]	645[illegible]	[illegible]	[illegible]
5	378[illegible]	39[illegible]	415[illegible]	438[illegible]	468[illegible]	495[illegible]	512[illegible]	547[illegible]	715[illegible]	643[illegible]	[illegible]	[illegible]
6	378[illegible]	396[illegible]	415[illegible]	440[illegible]	469[illegible]	497[illegible]	513[illegible]	549[illegible]	728[illegible]	[illegible]	[illegible]	[illegible]
7	378[illegible]	397[illegible]	416[illegible]	441[illegible]	470[illegible]	497[illegible]	513[illegible]	[illegible]	738[illegible]	[illegible]	[illegible]	[illegible]
8	380[illegible]	400[illegible]	417[illegible]	441[illegible]	470[illegible]	498[illegible]	514[illegible]	[illegible]	748[illegible]	[illegible]	[illegible]	[illegible]
9	380[illegible]	401[illegible]	417[illegible]	442[illegible]	471[illegible]	498[illegible]	514[illegible]	[illegible]	758[illegible]	[illegible]	[illegible]	[illegible]
10	380[illegible]	402[illegible]	417[illegible]	443[illegible]	471[illegible]	499[illegible]	514[illegible]	[illegible]	770[illegible]	[illegible]	[illegible]	[illegible]
11	384[illegible]	403[illegible]	418[illegible]	445[illegible]	471[illegible]	499[illegible]	515[illegible]	[illegible]	783[illegible]	636[illegible]	[illegible]	[illegible]
12	384[illegible]	405[illegible]	418[illegible]	444[illegible]	472[illegible]	499[illegible]	516[illegible]	[illegible]	793[illegible]	[illegible]	[illegible]	[illegible]
13	385[illegible]	406[illegible]	419[illegible]	445[illegible]	473[illegible]	499[illegible]	517[illegible]	[illegible]	807[illegible]	[illegible]	[illegible]	[illegible]
14	386[illegible]	406[illegible]	419[illegible]	446[illegible]	474[illegible]	500[illegible]	517[illegible]	[illegible]	817[illegible]	[illegible]	[illegible]	[illegible]
15	387[illegible]	408[illegible]	420[illegible]	447[illegible]	474[illegible]	500[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	387[illegible]	408[illegible]	420[illegible]	448[illegible]	477[illegible]	501[illegible]	518[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	388[illegible]	406[illegible]	420[illegible]	449[illegible]	479[illegible]	501[illegible]	519[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	388[illegible]	407[illegible]	421[illegible]	450[illegible]	480[illegible]	502[illegible]	519[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	388[illegible]	407[illegible]	422[illegible]	452[illegible]	480[illegible]	503[illegible]	520[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	389[illegible]	409[illegible]	424[illegible]	453[illegible]	480[illegible]	503[illegible]	521[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	389[illegible]	409[illegible]	424[illegible]	454[illegible]	480[illegible]	504[illegible]	522[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	390[illegible]	410[illegible]	425[illegible]	456[illegible]	480[illegible]	504[illegible]	525[illegible]	[illegible]	[illegible]	710[illegible]	[illegible]	[illegible]
23	390[illegible]	409[illegible]	426[illegible]	456[illegible]	486[illegible]	505[illegible]	524[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	391[illegible]	409[illegible]	426[illegible]	458[illegible]	487[illegible]	505[illegible]	526[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	391[illegible]	410[illegible]	426[illegible]	459[illegible]	489[illegible]	506[illegible]	526[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	392[illegible]	410[illegible]	429[illegible]	459[illegible]	489[illegible]	507[illegible]	527[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	393[illegible]	411[illegible]	430[illegible]	460[illegible]	490[illegible]	507[illegible]	527[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	393[illegible]	411[illegible]	430[illegible]	461[illegible]	490[illegible]	508[illegible]	527[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	393[illegible]	412[illegible]	430[illegible]	462[illegible]		508[illegible]	528[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	393[illegible]	412[illegible]	430[illegible]	463[illegible]		509[illegible]	528[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	394[illegible]		433[illegible]	463[illegible]		509[illegible]		649[illegible]		611[illegible]	554[illegible]	

Mean													
Acre-feet													

[illegible]

Year or Period

Mean

Acre-Feet

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	32	26	19	18	17	17	23	63	84	3280	5820	3280
	33	26	19	18	17	17	23	65	80	2870	5700	3350
	33	28	19	18	17	17	23	61	90	2610	5700	3540
	33	28	19	18	17	17	23	63	74	3560	5800	3820
	33	28	18	18	17	17	23	63	74	4090	5970	3940
	33	28	18	17	17	17	23	65	152	4080	6130	4030
	33	28	18	17	17	17	22	56	1180	4210	6040	4420
	33	26	18	17	17	17	22	46	1520	4270	5830	4850
	38	26	17	17	17	17	23	44	1540	4020	5710	4910
	36	26	17	17	15	17	23	43	1560	4270	5610	5090
	35	25	17	17	15	17	23	44	1600	4640	5710	4700
	33	25	17	17	15	17	23	46	2520	4800	5830	4100
	33	25	17	17	15	17	23	52	4000	5230	5850	3330
	33	25	17	17	15	17	20	48	4620	6570	5710	3070
	35	25	17	17	15	17	20	46	5440	6850	5180	2990
	33	25	17	17	15	17	23	50	5440	6940	5150	2860
	33	25	17	17	17	17	23	59	5440	7000	5120	2590
	32	25	17	17	17	17	23	63	5420	6960	5270	2450
	32	25	17	17	17	17	29	65	5410	6900	5250	2450
	30	24	17	18	17	17	29	67	5370	6900	5020	2450
21	30	23	17	18	17	17	33	56	5990	7280	5060	2490
22	30	23	17	18	17	17	33	54	6440	7530	5170	2950
23	30	22	17	18	17	17	33	59	6350	7320	4700	3510
24	30	22	17	18	17	20	38	52	5390	7100	4180	3230
25	28	20	17	18	17	20	41	46	3790	6960	3910	2950
26	28	20	17	18	17	20	43	56	2680	6810	3790	2570
27	26	20	17	17	17	20	46	59	2520	6080	3790	1660
28	26	20	17	17	17	20	59	44	3290	6040	3760	731
29	26	20	17	17		20	70	48	3840	6600	3630	43
30	26	19	18	17		23	67	65	3820	7320	3360	40
31	26		18	17		23		84		6810	3220	
MEAN	31.4	24.3	17.5	17.4	16.5	18.0	39.9	55.9	3190	5670	5060	3080
Acre-Feet	1930	1450	1080	1070	916	1110	1840	3440	190,000	340,000	311,000	185,000

YEAR — MEAN 1,450
ACRE-FEET 1,050,000

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	3450	3080	2660		2560		2380	6890	19700	12600	10600	6320
	3350	3130	2700		2640		2400	6320	18000	11800	9800	6140
	3300	3130	2740		2470		2420	6380	19200	10800	9660	6270
	3240	3090	2740		2308	2200	2440	6210	18900	10300	9470	6290
	3180	3040	2740	2500	2320		2470	6100	18200	10500	9430	6570
	3180	2970	2740		2350		2500	6210	18100	11000	9470	6720
	3180	2990	2700		2370		2560	5770	17400	10900	9560	6660
	3220	2940	2660			2210	2500	5430	16700	11000	9530	6980
	3370	2990	2590			2210	2500	5010	16600	11000	9500	7510
	3350	3040	2520			2240	2500	4810	16600	10700	9240	7540
	3260	2890	2400		2100	2260	2650	4680	18400	10500	9040	7720
	3200	2740	2280	2470		2260	2690	4580	20700	10700	8940	7600
	3180	2790	2160	2500		2260	2560	4540	22000	10600	9040	7120
	3150	2840	2160	2580		2260	2560	4740	24400	10500	9010	6550
	3150	2900	2160	2580		2300	2560	5140	24700	11600	9010	6070
	3120	2970	2200	2580		2330	2560	5880	25600	11700	8400	6100
	3080	3040	2200	2580		2350	2710	6860	24900	11800	8210	5910
	3040	3040		2580		2370	3020	7750	24600	11800	8180	5610
	3040	3040		2580		2320	3410	8120	23700	11600	8400	5270
	3030	3010		2580		2260	3490	8150	22200	11400	8490	5240
	3020	2970		2590	2200	2210	3350	8940	20700	11200	8280	5220
	3010	2940		2540		2180	3370	10300	19900	11400	8240	5170
	3110	2920		2490		2160	3740	10500	19600	11600	8310	5320
	3220	2900		2440		2160	4410	9730	18700	11400	8030	6150
	3200	2880	2500	2500		2170	5140	9500	17300	11000	7420	6320
	3186	2870		2560		2170	5610	10300	14900	10900	7180	6040
	3220	2930		2480		2180	6270	11700	13100	10700	7120	5660
	3200	2780		2410		2190	7220	11500	12400	10100	7040	5320
	3150	2740		2430		2260	8180	11100	13000	9870	6950	4250
	3130	2700		2450		2340	7750	11600	13200	10100	6800	5470
	3110			2470		2360		13500		10900	6750	

Mean	3150	2940	2500	2510	2290	2240	2690	7690	19000	11000	8650	6100
Acre-Feet	186000	176000	154000	154000	124000	138000	23.6000	472000	1130000	676000	532000	363000

Year Mean 5,970
Acre-Feet 4,380,000

SNAKE RIVER NEAR BIGELOW, IDAHO

(For the year ending September 30, 19[illegible])

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2000	2560	2740		2750	2650	3440	9560	9560	8670	3750	2210
2	1510	2500	2910		2700	2750	3390	8700	11700	8480	3700	2080
3	1160	2480	2720		2600	2850	3260	7830	13500	7540	3600	1760
4	1110	2480	2720		2550	2800	3530	7500	14600	6650	3650	1690
5	1010	2510	2740		2500	2720	3580	7250	14400	5000	3650	1540
6	880	2630	2680		2480	2670	3720	7250	13600	4520	3580	1590
7	855	2680	2680		2200	2600	3530	7000	13200	4500	3650	1760
8	999	2810	1500		1970	2600	3580	6450	12400	4230	3440	1810
9	1080	2780	1100		1700	2700	3580	6120	12300	4360	3350	1880
10	1380	2870	1000	1900	1400	2750	3480	5640	11800	4420	3390	2420
11	1760	2930	1250		1400	2780	3300	5210	11900	4100	3220	2930
12	1800	2970	1270		1400	2830	3170	4890	13300	3800	2950	3200
13	1860	2910	1350		1550	2880	3090	4750	14600	3600	2870	3220
14	1900	3090	1450		1720	2930	3090	4750	15800	3350	3010	2970
15	1850	3090	1700		1950	2980	3050	4800	17900	3350	2910	2720
16	1810	3090	1800		2050	3000	3030	5210	19200	3370	2830	2620
17	1850	3130	1900		2150	3050	3150	6150	19400	4180	2700	2620
18	1830	3150	2100		2250	3060	3530	7500	18000	4200	2600	2530
19	1810	3110	2400		2350	3100	4120	8960	18200	4050	2700	2390
20	1920	3070	2600		2400	3100	4440	9370	17600	3840	2950	2110
21	1910	3030			2420	3100	4390	9410	16000	3630	3480	1870
22	1920	3050			2440	3050	4200	10200	14000	3510	3460	1720
23	2070	3030	2800		2450	2900	4180	11600	12300	3870	3630	1860
24	2220	2890			2470	2900	4500	11900	12300	4250	3530	2410
25	2210	2810		1900	2500	2900	5210	10700	11500	4180	3440	2970
26	2250	2740			2520	2900	6020	10000	10200	3820	2630	3670
27	2300	2810			2550	2900	6280	10700	8700	3510	2480	3720
28	2420	2850	2900		2590	3050	6930	11200	6310	3200	2680	3650
29	2420	2830				3110	7930	10200	6720	3150	2630	3280
30	2470	2740				3200	9110	8590	8080	3260	2620	2780
31	2530		2960			3260		8080		3510	2530	

Mean	1,780	2,850	2,320	2,860	2,210	2,910	4,260	7,980	13,300	4,390	3,150	2,470
Acre-Feet	109,000	170,000	143,000	176,000	123,000	179,000	253,000	491,000	791,000	270,000	194,000	147,000

Year or Period — Mean 4,210 — Acre-Feet 3,050,000

Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
17	226	275	45	94	24	58	346	82	116	6	4
12	217	287	46	90	25	59	318	78	100	0	4
10	214	293	45	87	26	60	308	54	80	0	4
10	215	297	45	99	26	59	319	35	65	0	4
10	228	289	45	90	26	59	312	20	42	0	4
53	230	248	44	80	26	54	318	2	20	0	4
113	231	210	40	39	28	53	359	50	10	6	4
159	269	170	36	38	30	51	348	95	10	5	4
221	300	130	32	36	31	52	302	91	22	5	4
175	287	90	42	35	32	51	287	33	50	5	4
180	300		52	35	35	48	273	0	34	5	5
120	280		63	40	38	46	271	0	5	5	10
67	298		73	65	41	46	269	0	5	5	12
71	287		60	67	44	46	249	0	5	5	8
44	304		48	68	46	45	219	0	4	5	6
40	312		36	70	49	46	262	4	4	5	5
41	282		46	72	50	92	376	6	10	5	5
60	273		55	70	51	105	492	3	6	5	5
110	278		64	68	52	119	580	19	5	5	12
198	262	50	74	67	54	120	624	37	3	5	5
251	273		63	55	57	141	624	6	1	15	2
255	257		52	42	59	154	552	0	0	6	2
269	253		40	30	62	180	472	6	0	4	5
293	257		96	28	65	212	414	6	0	4	30
310	271		96	26	65	312	253	4	0	4	82
346	285		95	24	65	369	310	16	0	4	113
308	316		95	23	65	378	323	12	1	0	87
275	335		96	24	63	310	224	7	3	0	132
284	304		98		60	297	149	11	1	0	80
264	293		100		58	278	73	78	1	4	54
245		44	98		56		54		0	4	
155	271	108	61.9	55.8	45.8	130	338	25.3	19.8	3.74	23.3
9,530	16,100	6,640	3,810	3,100	2,800	7,740	20,400	1,510	1,200	230	1,390

YEAR 1911 MEAN 103

ACRE-FEET 74,800

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	582	2100	2730	2340	2290	2220	3300	8500	4950	5560	520	503
2	582	2070	2800	2340	2220	2350	3520	8390	6740	6220	681	674
3	326	2030	2760	2410	2110	2460	3110	7380	8280	5750	1070	526
4	253	2030	2730	2470	2170	2350	3110	6880	10300	4990	1100	363
5	269	2070	2760	2590	2140	2340	3200	6440	10700	3640	1140	269
6	286	2140	2620	2590	2100	2280	3340	6270	9680	1620	840	182
7	317	2240	2630	2460	1940	2240	3290	6220	9290	1270	816	175
8	317	2340	1350	2490	1570	2140	3230	5980	8790	960	912	172
9	383	2490	808	2550	1400	2300	3300	5490	8250	786	816	169
10	393	2430	660	2570	1150	2360	3230	5100	8110	936	772	169
11	660	2540	824	2600	936	2410	3090	4570	7650	896	758	215
12	627	2630	840	2630	928	2470	2900	4200	8650	594	607	436
13	634	2630	960	2620	1040	2510	2780	3830	9740	354	520	653
14	681	2650	1070	2540	1160	2510	2730	3560	10700	226	620	816
15	716	2750	1260	2590	1440	2600	2730	3300	12500	175	695	786
16	674	2760	1330	2570	1680	2630	2520	3470	13800	169	569	653
17	660	2930	1520	2600	1780	2510	2550	4060	14800	198	463	688
18	681	3070	1580	2510	1800	2680	2680	4970	14600	414	354	888
19	716	3070	1870	2470	1870	2730	3140	6340	14300	430	299	969
20	856	3070	2170	2280	1910	2760	3620	7220	13700	414	349	1050
21	987	3040	2240	2260	2000	2750	3810	7300	12400	363	614	1040
22	1080	2970	2440	2350	1930	2600	3720	7510	10800	430	987	868
23	1190	2970	2440	2410	2080	2550	3700	8280	9380	452	1090	856
24	1430	2880	2350	2400	2070	2540	3830	9080	8790	779	1210	969
25	1540	2830	2230	2430	2030	2490	4260	8030	7970	1100	1080	688
26	1660	2730	2180	2460	2140	2550	4990	6940	7070	936	960	1580
27	1680	2800	2380	2400	2120	2590	5520	6940	5680	653	824	1780
28	1700	2870	2520	2400	2140	2630	5880	7670	3920	468	808	1760
29	1960	2870	2520	2230		2760	6660	7250	3160	295	969	1570
30	2040	2780	2300	2290		2950	7780	5610	3890	212	607	1180
31	2080		2260	2280		3210		4500		277	474	
Mean	902	2,630	1,970	2,460	1,790	2,530	3,720	6,170	9,290	1,340	759	756
Acre-Feet	55,500	156,000	121,000	151,000	99,400	156,000	221,000	379,000	553,000	82,400	46,700	45,000

YEAR MEAN 2,850

ACRE-FEET 2,070,000

AMERICAN FALLS RESERVOIR AT AMERICAN FALLS, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	252250	328170	560440	678660	871160	996840	1221280	1285720	1288670	1371850	987880	487080
2	252660	325020	568520	685410	877040	1002410	1230350	1287190	1288240	1371850	909480	484880
3	256660	331670	576190	690550	882650	1007140	1238940	1290650	1291870	1371850	893580	445680
4	253280	338070	585760	696680	888480	1013570	1247600	1295480	1290280	1367280	877440	450480
5	251600	343180	588100	702150	893910	1019580	1251910	1296100	1285210	1359450	861000	417360
6	250540	348490	594970	706980	899790	1023160	1258170	1293150	1287190	1347980	848040	404510
7	250180	353500	605280	713760	905600	1030410	1265040	1295190	1289170	1336600	835560	399240
8	249280	365100	614050	720020	909480	1037010	1269960	1292140	1291180	1320750	819210	377880
9	248670	369540	610290	725640	911070	1043680	1270650	1296110	1288650	1305410	804780	368170
10	248260	377600	608100	728510	912680	1050280	1273970	1294180	1288650	1287590	791050	347510
11	248260	384110	607480	730280	915110	1055940	1276680	1293150	1285130	1274750	776150	334750
12	248470	390620	609040	746710	918540	1062850	1285490	1290160	1288680	1259650	761570	321700
13	249910	397540	608730	753070	921160	1069150	1289540	1287190	1284150	1244940	746650	309840
14	250550	404720	604550	759220	925600	1074060	1293250	1285720	1287680	1226970	729150	297690
15	252260	415440	604660	766720	927850	1079240	1297680	1286770	1283090	1211650	714440	287090
16	253490	420990	604350	774550	929670	1085060	1299570	1316790	1280480	1194680	700100	283970
17	253800	429670	603410	781300	934580	1095270	1300540	1315310	1287940	1176860	685410	275960
18	252600	440440	606830	786150	938970	1102930	1302490	1311840	1286510	1160880	667710	266920
19	253960	451710	610920	795480	942650	1111050	1305380	1313850	1278110	1139070	650770	257410
20	241270	460320	613720	801050	946310	1120170	1310560	1314300	1287490	1123640	634270	248280
21	245060	473080	619450	808980	954740	1127550	1311840	1313280	1296280	1107890	620100	256590
22	247600	483970	624510	813010	961410	1137690	1314810	1315770	1401610	1088960	605910	258480
23	252480	496380	627510	819580	966420	1145990	1317290	1324710	1404530	1075450	591880	248640
24	261140	507690	631570	825940	971450	1153680	1320260	1328630	1405540	1059460	575580	244450
25	266980	516810	637680	831650	976020	1161660	1321740	1328570	1404590	1045680	561170	240280
26	274680	524500	643940	837750	981050	1169190	1321350	1328080	1399790	1028810	550000	236950
27	282190	532690	649780	844810	985680	1178140	1320260	1326100	1396760	1011860	537090	235120
28	290950	540310	655420	849040	991260	1186150	1315770	1329560	1399710	994250	523560	236540
29	298560	547060	662590	854900		1195680	1316790	1328040	1398660	976850	509180	239170
30	305700	554100	667710	859060		1203570	1315310	1339070	1571850	960690	495650	244450
31	313130		673560	865660		1211150		1330100		945690	480830	

Mean Acre-Feet

Year or Period Mean Acre-Feet

...RIVER NEAR PERRIS. 1908.

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	3450	2250	1630	2020	2160	2030	1310	9180	11300	7680	11600	10200
	2240	2300	1610	2130	2160	2050	1320	9100	10900	7950	11500	10100
	3470	2230	1810	2040	2160	2070	1860	9100	10400	8620	11400	10100
	3630	2190	1910	2020	2140	2040	2560	8940	10400	11100	11600	10000
	3490	2170	1860	3150	2160	2050	2290	8820	10400	11000	11600	9890
	3170	227	1910	2070	2140	2060	2060	9140	10500	10600	11600	9970
	3400	2220	1850	2070	2250	1960	3320	9180	10600	11000	11200	10200
	3330	2160	4120	2040	2480	1830	4550	9220	10600	11200	10900	10100
	3340	2160	4000	2100	2880	1860	4610	8660	10600	11200	10800	9970
	3290	2170	4320	1850	2750	1830	4050	8380	10600	11200	10900	10100
11	3390	2170	2770	1720	2520	1790	3240	8420	10600	11100	11300	10200
12	2780	2200	4020	1810	2430	1790	2970	8420	10300	11100	11300	9930
13	2710	127	4890	1830	2170	1790	3290	8380	10100	11100	11600	9100
14	2710	2250	4310	1780	2150	4100	3610	8380	10400	11100	11300	8500
15	2680	2090	3530	1790	2310	1790	3900	8140	10800	11200	11100	7790
16	2560	1180	4850	1790	2430	1860	4080	7560	11200	11300	11000	7410
17	2700	1350	4130	2010	2220	1330	4450	7560	11200	11400	11200	6130
18	2470	126	1970	2140	2130	1510	4680	7600	11300	11500	11500	5910
19	2670	124	3610	2170	2030	1460	4740	7560	10900	11500	11600	5870
20	2640	124	1970	2130	2080	1350	4710	7560	10600	11400	11500	5840
21	2590	124	1960	2100	2030	1320	4650	8110	10400	11200	11400	5840
22	755	124	3410	2100	2020	1290	4650	8260	10500	11000	11300	5840
23	786	124	3460	2140	2020	1290	4880	8300	10900	10900	11200	5730
24	713	124	1990	2190	2040	1300	5480	8340	11300	11100	11200	5800
25	734	1140	2060	2140	2040	1310	6590	8900	11400	11600	11100	5560
26	1070	1140	2040	2160	2010	1290	7680	9340	11300	11700	10900	5350
27	748	1140	2130	2210	2030	1310	8740	9760	10900	11500	10800	4610
28	748	1840	2040	2140	2030	1310	9140	9840	10400	11400	10500	3130
29	734	1890	2040	2190		1310	9220	10100	10100	11600	10500	2800
30	741	1850	2040	2140		1300	9180	10300	9680	11600	10400	1970
31	762		2060	2200		1350		10800		11600	10300	
Mean	2,270	1,380	2,780	2,080	2,210	1,710	4,590	8,750	10,700	11,000	11,200	7,460
Run-off	140,000	82,100	171,000	128,000	123,000	105,000	273,000	538,000	637,000	676,000	689,000	444,000

YEAR

MEAN 5,520

ACRE-FEET 4,010,000

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	76130	67450	57060	66990	67210	66990	64580	80650	95660	94140	95070	94490
	77250	66650	56950	66990	66770	66990	64500	81510	95450	93550	95450	94750
	76660	66640	56850	66990	66990	66990	64140	82980	95650	93790	95510	94950
	75870	70510	57470	66990	66770	66990	66230	85980	94950	94250	95180	94720
	74860	71590	56640	67100	66660	66990	66990	86100	94840	95790	94490	95790
	73640	70510	57260	66800	66210	66990	66110	84940	94370	95180	95670	95680
	72490	67650	57060	67450	66990	66990	65610	87150	94250	94950	96180	91980
	72160	67540	40170	66990	67210	66770	65010	87870	94950	94840	95790	92510
	73990	66890	42810	66990	67450	66660	66640	90530	95510	95510	94600	92040
	74740	66660	49470	66770	66750	66550	66960	90760	95450	94490	94020	92470
	75480	65850	54600	66440	67870	66550	70950	91110	95670	95180	95550	93580
	75980	64580	56990	66000	67760	66660	69650	90760	96030	95450	95440	94600
	76380	65040	61720	66110	67650	66770	69630	91370	95450	95670	94020	95450
	76380	59450	67870	66000	67210	66550	69190	92970	95180	94950	94490	95670
	76440	60850	70750	66110	66990	66550	68750	94850	95070	94840	94020	95090
	75870	61500	70510	66350	67870	67650	68970	93790	95070	95450	94020	95320
	75420	60980	70290	66110	67450	67210	68550	93790	95070	94720	95670	91810
	74970	59560	69640	66660	67210	66550	69650	93440	96150	95180	95800	87960
	77250	56530	66990	66550	66770	66350	71390	93090	96650	94720	95090	87870
	78990	53110	67650	66880	66660	66530	72600	92740	96270	95510	95320	86100
	80380	50520	65890	66880	66660	65890	73840	91690	95450	95670	95790	85980
	81400	47140	65450	66990	66220	65560	75080	90060	94370	94490	94490	84940
	79590	44610	66090	66880	66550	65450	75420	91920	94080	94030	94950	84700
	77900	41650	66190	66990	66770	65010	75200	92510	94490	93550	94720	84700
	76550	39080	67450	66770	66770	65010	75650	92270	94950	93790	94720	84940
	75800	38500	66990	66990	66770	64690	75870	90550	95180	94250	94720	84100
	74970	37160	66770	66770	66880	64900	77680	89600	95150	94720	95180	87030
	73940	36450	66550	66990	66770	65010	79140	90890	94950	94080	95310	86670
	72850	36850	66660	66880		64800	79030	90890	94370	93550	94950	84880
	70070	37060	66660	66990		65010	78030	90990	93090	94140	94080	83540
	69080		66550	67100		64560		91680		94720	94720	

Mean Acre-Feet													

Year or Period _____ Mean _____ Acre-Feet _____

Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	690	447	368									
2	689	445	367				0	1520	1600	1490	1580	1300
3	685	449	368				0	1570	1600	1530	1570	1270
4	706	453	370				0	1590	1590	1580	1580	1270
5	738	454	367				0	1620	1600	1580	1580	1270
6	734	453	368				0	1620	1590	1590	1570	1320
7	689	447	257				196	1540	1590	1580	1540	1360
8	567	447	67				376	1520	1590	1590	1500	1330
9	465	442	0				376	1470	1600	1580	1500	1260
10	469	442	0				383	1360	1600	1580	1490	1170
11	558	442	0				389	1320	1600	1580	1480	1140
12	616	440	0				391	1230	1590	1590	1480	1140
13	618	435	0				389	1170	1590	1590	1480	1130
14	618	428	0				389	1040	1590	1580	1480	1060
15	616	432	0				460	967	1590	1580	1440	1030
16	614	432	0				550	1060	1590	1580	1440	981
17	590	430	0				586	999	1590	1580	1500	947
18	499	426	0				586	866	1590	1580	1560	936
19	469	420	0				590	932	1590	1580	1600	923
20	472	409	0				594	965	1590	1580	1540	890
21	478	401	0				622	963	1580	1580	1450	864
22	474	394	0				712	1020	1580	1580	1460	841
23	469	387	0				782	1050	1590	1570	1510	769
24	467	379	0				853	1100	1590	1570	1560	718
25	465	373	0				1010	1280	1590	1580	1560	683
26	462	371	0				1110	1460	1590	1580	1560	550
27	463	368	0				1180	1550	1590	1580	1510	496
28	458	367	0				1390	1540	1590	1580	1460	496
29	456	367	0				1570	1550	1580	1570	1420	492
30	451	367	0				1620	1600	1540	1580	1390	489
31	449		0				1500	1600	1490	1580	1360	487
								1600		1580	1330	
Mean	555	418	81.7				680	1,310	1,590	1,580	1,500	954
Acre-Feet	34,100	24,900	5,020				36,900	80,600	94,600	97,200	92,200	56,800

Dry Jan. to Mar.

Year or Period — Mean 721 — Acre-Feet 522,000

SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	503						0	1010	1230	1120	1220	114
2	503						0	929	1220	1140	1230	115
3	498						0	845	1220	1140	1220	113
4	496						193	817	1220	1160	1200	112
5	496						331	781	1220	1190	1180	113
6	494						439	784	1190	1200	1160	113
7	462						553	817	1160	1200	1150	116
8	397						602	761	1180	1200	1150	117
9	338						524	733	1190	1200	1140	117
10	308						478	694	1190	1200	1140	115
11	308						482	649	1190	1220	1150	118
12	310						482	684	1210	1240	1150	119
13	311						508	615	1210	1240	1150	119
14	360						612	533	1200	1240	1160	116
15	434						662	560	1220	1220	1160	108
16	465						659	605	1220	1220	1160	97
17	462						659	618	1220	1210	1170	91
18	173						594	618	1220	1210	1200	80
19	0						524	615	1220	1220	1200	67
20	0						482	576	1210	1240	1180	64
21	0						485	550	1210	1240	1180	684
22	0						487	594	1190	1230	1180	697
23	0						553	618	1180	1180	1180	692
24	0						689	646	1180	1170	1170	620
25	0						817	803	1180	1200	1160	536
26	0						941	962	1170	1210	1150	476
27	0						989	1130	1150	1230	1150	460
28	0						1040	1130	1130	1230	1140	387
29	0						1030	1140	1130	1210	1130	367
30	0						1010	1210	1120	1200	1130	369
31	0							1230		1210	1130	
Mean	256						561	782	1,190	1,200	1,170	885
Acre-Feet	14,500						33,400	48,100	70,800	73,800	71,900	52,700

Dry Nov. to March incl.

Year [illegible] Mean 505

Acre-Feet 365,000

...SNAKE RIVER NEAR MINIDOKA, IDAHO

...for the year ending September 30, 19[illegible]

Plate No. 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2800	1520	1640	1960	2230	2050	1410	6110	7430	4380	8400	7430
2	1820	1480	1700	2090	2160	2080	1320	5950	7660	4540	8250	7430
3	2750	1350	1660	2180	2180	2140	1470	5920	7660	4560	8100	7430
4	2750	1290	1610	2180	2130	2140	1710	5920	7510	7370	8250	7480
5	2820	1300	1710	2310	2080	2080	1980	6520	7630	7690	8430	7600
6	2820	1980	1760	2730	2180	2140	2300	7110	7660	7980	8280	7510
7	2810	2020	1820	2300	2360	2070	2400	6740	7770	8160	8280	7630
8	2570	2040	1640	2130	2400	1980	2500	6820	7720	8370	8280	7460
9	1800	2260	2060	2080	2320	1940	2400	5760	7720	8400	8040	7370
10	2430	2320	2150	2220	2950	1910	2500	6240	7690	8370	8040	7280
11	2360	2330	2100	1990	2640	1870	2580	6660	7630	8040	8370	6990
12	1830	2330	2200	1850	2550	1870	2760	6540	7570	8040	8310	6740
13	1520	2280	2130	1820	2380	2000	2850	6160	7570	8220	8160	6410
14	1780	1390	2300	1830	2290	2320	2830	6240	7570	8520	8220	6300
15	1870	1420	3000	1870	2230	2680	2850	6380	7690	8490	8160	6490
16	1880	1480	5000	1920	2270	2210	2830	6240	7980	8340	8040	6270
17	2000	1630	4500	2020	2330	2090	2900	6160	8040	8490	8130	5710
18	1820	1590	4000	2100	2220	1800	2870	6320	8100	8460	8400	5460
19	1360	1580	3360	2100	2110	1690	2900	6350	8100	8460	8220	4920
20	1510	1560	3760	2070	1990	1680	2890	6300	8130	8400	8190	4660
21	1450	1590	2700	2080	2120	1720	2800	6300	7800	8610	8190	4630
22	1350	1630	2350	2080	2070	1570	2850	6770	8040	8640	7950	4630
23	1100	1630	2730	2150	2090	1530	3190	6710	8160	8520	7890	4520
24	1150	1580	3460	2140	2120	1520	3620	6630	8250	8400	7890	4470
25	1150	1600	2440	2140	2080	1510	4270	6770	8280	8430	7890	4190
26	770	1610	2160	2220	2140	1450	4630	7050	8280	8490	7740	3860
27	1070	1560	2080	2080	2050	1440	5280	7690	8160	8580	7600	3520
28	1070	1570	2040	2160	2080	1410	6080	7370	8130	8670	7630	3250
29	1130	1590	2050	2110		1470	6300	7140	8040	8610	7540	2550
30	1240	1600	1980	2120		1470	6570	6990	7320	8520	7430	2160
31	1460		1980	2160		1530		7280		8460	7250	
Mean	1,810	1,700	2,450	2,100	2,240	1,850	3,130	6,550	7,840	7,970	8,050	5,740
Acre-feet	111,000	101,000	151,000	129,000	124,000	114,000	186,000	403,000	467,000	490,000	495,000	342,000

Year 20K

Mean 4,300

Acre-Feet 3,110,000

Daily Discharge at Kellogg, Idaho

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.54	7.58	7.63	7.48	7.52	7.44	7.58	10.67	10.84	10.78	10.84	10.74
2	9.30	7.15	7.66	7.44	7.60	7.47	7.54	10.45	10.86	10.84	10.88	10.70
3	8.94	7.58	7.82	7.54	7.60	7.50	7.07	10.16	10.92	10.98	10.81	10.66
4	9.05	7.68	7.63	7.55	7.58	7.48	7.55	10.50	10.92	11.02	10.76	10.60
5	9.18	7.61	7.45	7.58	7.44	7.58	7.48	10.47	10.95	10.89	10.84	10.58
6	9.05	7.42	7.57	7.61	7.42	7.48	7.60	10.23	10.88	10.78	10.78	10.60
7	8.97	8.00	7.68	7.46	7.40	7.54	7.50	10.74	10.86	10.86	10.79	10.54
8	9.02	7.98	7.49	7.48	7.69	7.42	7.81	10.76	10.98	10.92	10.80	10.63
9	8.91	7.98	7.18	7.45	7.44	7.46	7.48	10.88	10.99	10.96	10.77	10.68
10	8.74	8.32	7.72	7.43	7.44	7.48	7.40	10.54	11.02	10.92	10.87	10.69
11	8.84	8.15	7.98	7.54	7.71	7.50	7.40	10.56	11.04	10.92	10.84	10.75
12	8.99	8.00	7.69	7.54	7.57	7.46	7.58	10.82	11.06	10.84	10.70	10.62
13	9.09	8.14	7.72	7.44	7.50	7.32	7.58	10.89	11.05	10.78	10.78	10.79
14	8.96	8.08	7.70	7.44	7.41	7.60	7.58	10.85	10.99	10.76	10.74	10.76
15	8.93	8.02	7.70	7.44	7.35	7.74	7.48	10.80	10.91	10.84	10.74	10.77
16	9.06	7.83	7.62	7.40	7.44	7.56	7.72	10.75	10.88	10.83	10.74	10.77
17	9.22	7.66	7.88	7.52	7.64	7.28	8.45	10.74	10.87	10.76	10.69	10.80
18	9.34	8.02	7.86	7.64	7.56	7.68	9.51	10.56	10.90	10.86	10.66	10.78
19	9.43	7.98	7.48	7.65	7.47	7.49	10.26	10.78	10.98	10.75	10.79	10.66
20	9.38	7.84	7.64	7.52	7.52	7.50	9.98	10.89	11.04	10.77	10.70	10.70
21	9.18	7.89	7.90	7.52	7.45	7.08	9.90	10.75	10.98	10.82	10.74	10.58
22	8.84	7.75	7.50	7.54	7.38	7.78	9.92	10.58	10.88	10.78	10.84	10.46
23	8.43	7.98	7.50	7.53	7.51	7.50	9.92	10.70	10.84	10.89	10.82	10.56
24	8.48	7.96	7.64	7.56	7.46	7.48	9.96	10.68	10.83	10.90	10.77	10.58
25	8.16	7.89	7.62	7.48	7.60	7.58	9.98	10.80	10.87	10.84	10.74	10.76
26	8.07	7.86	7.57	7.46	7.48	7.52	9.95	10.61	10.89	10.76	10.77	10.63
27	7.80	7.77	7.52	7.53	7.61	7.48	10.02	10.60	10.96	10.76	10.76	10.72
28	7.92	7.71	7.51	7.58	7.60	7.40	10.18	11.02	10.88	10.81	10.76	10.86
29	8.02	7.69	7.58	7.58		7.55	10.36	11.06	10.87	10.80	10.83	10.84
30	8.00	7.61	7.54	7.52		7.66	10.28	10.84	10.75	10.82	10.68	10.19
31	7.89		7.80	7.56		7.85		10.74		10.87	10.70	

Mean													
Acre-Feet													

Year or Period

Mean

Acre-Feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2							0	32	60	61	61	61
3							0	32	60	61	61	61
4							0	33	60	61	61	61
5							0	38	60	61	61	61
6							0	42	60	61	61	61
7							0	43	60	61	61	61
8							0	43	60	61	61	61
9							0	47	60	61	61	61
10							0	47	60	61	61	61
11							0	51	60	61	61	61
12							0	60	60	61	61	61
13							0	60	60	61	61	61
14							0	60	60	61	61	61
15							0	60	60	61	61	61
16							0	60	60	61	61	61
17							0	60	60	61	61	61
18							0	60	60	61	61	61
19							0	60	60	61	61	61
20							0	60	60	61	61	61
21							0	60	60	61	61	61
22							0	60	60	61	61	54
23							0	60	60	61	61	43
24							0	60	60	61	61	43
25							21	60	60	61	61	0
26							25	60	61	61	61	0
27							32	60	61	61	61	0
28							32	60	61	61	61	0
29							32	60	61	61	61	0
30							32	60	61	61	61	0
31												
Mean							5.00	55.2	60.2	61.0	61.0	47.4
Acre-Feet							345	3,390	3,580	3,750	3,750	2,820

Dry October to March

Year Mean 54.3
Record Acre-Feet 17,600

RESERVOIR NEAR EAST CANAL NEAR NELSON, IDAHO

For the year ending September 30, 19[illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	124	138	168	172	0
2							0	132	152	152	166	149
3							0	130	153	169	171	147
4							0	124	152	171	171	146
5							0	124	152	172	171	144
6							0	128	151	172	160	149
7							0	119	153	172	172	165
8							0	126	166	170	171	159
9							0	123	172	171	171	154
10							0	122	168	171	170	154
11							0	110	170	172	172	153
12							0	120	172	171	172	150
13							0	120	171	171	171	152
14							0	109	166	172	172	136
15							0	110	165	172	171	132
16							0	107	166	143	172	132
17							23	100	166	138	170	127
18							23	98	168	158	168	125
19							24	85	162	171	167	127
20							24	80	170	170	166	120
21							24	79	170	171	165	121
22							24	81	107	171	162	129
23							24	80	168	171	163	129
24							25	80	168	172	163	54
25							53	94	168	169	156	72
26							74	100	168	170	155	124
27							78	111	168	170	157	125
28							80	126	172	170	159	123
29							111	125	173	170	160	123
30							111	124	166	170	160	123
31								124		171	0	

October to March
Dry October

Mean							23.5	110	162	168	141	124
Acre-Feet							1,390	6,760	9,640	10,300	8,900	7,360

Year [illegible] Mean 62.7
Acre-Feet 45,400

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	42	0					0	515	830	1170	1090	810
2	58	0					0	505	840	1170	1080	800
3	61	0					0	497	850	1170	1070	780
4	64	0					0	540	880	1160	1050	780
5	74	0					0	583	880	1140	1040	790
6	47	0					0	560	860	1140	1040	800
7	46	25					0	630	890	1130	1040	800
8	41	25					0	670	945	1140	1020	810
9	42	50					0	640	945	1130	1020	820
10	37	50					0	640	945	1130	1020	810
11	0	50					0	680	935	1130	1010	810
12	0	25					0	670	930	1130	1000	810
13	0	0					0	660	925	1130	1000	810
14	0	0					0	640	925	1130	960	810
15	0	0					0	660	925	1130	950	800
16	0	0					0	650	925	1140	950	820
17	0	0					0	650	925	1140	940	820
18	0	0					0	660	925	1140	930	800
19	0	0					0	720	950	1140	910	800
20	0	0					0	760	1030	1140	910	790
21	0	0					0	775	1090	1140	900	780
22	0	0					0	720	1070	1150	890	780
23	0	0					0	730	1070	1170	860	800
24	0	0					0	790	1080	1170	850	790
25	0	0					0	800	1090	1170	840	780
26	0	0					0	810	1130	1170	830	780
27	0	0					36	830	1160	1160	840	780
28	0	0					165	1040	1160	1170	830	770
29	0	0					350	1000	1160	1170	830	280
30	0	0					550	870	1160	1110	800	0
31	0							820		1080	810	
Mean	27.5	05					36	704	965	1,140	941	759
Acre-Feet	1,060	3,700					2,160	43,700	28,400	70,100	58,300	46,700

Dry December to March

Year or Period Mean [illegible] Acre-Feet [illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	715					0	410	520	500	860	900
2	0	698					0	412	520	320	860	900
3	0	708					0	412	520	400	860	880
4	0	725					0	412	520	410	860	880
5	0	725					0	412	520	770	860	880
6	0	720					0	480	540	760	870	880
7	0	735					0	480	550	760	860	880
8	0	737					0	500	555	760	870	870
9	0	300					0	490	555	770	870	870
10	0	0					0	490	555	770	870	870
11	0	0					250	460	555	770	870	870
12	0	0					594	490	555	770	880	870
13	0	0					598	500	555	760	890	870
14	0	0					596	520	555	760	890	860
15	0	0					596	500	555	770	890	860
16	0	0					532	490	555	770	890	860
17	0	0					434	470	555	770	890	860
18	0	0					240	490	555	780	890	860
19	0	0					204	480	550	780	890	860
20	0	0					204	470	550	790	890	760
21	0	0					204	435	550	790	890	760
22	0	0					204	480	550	820	890	730
23	0	0					204	480	550	830	890	750
24	0	0					204	500	560	830	890	620
25	0	0					204	500	570	820	890	610
26	0	0					204	500	580	830	890	610
27	0	0					204	500	590	830	890	610
28	254	0					225	500	590	840	890	600
29	460	0					265	520	590	840	890	600
30	650	0					340	520	590	850	890	565
31	730							520		860	890	

Dry December to March

Mean	67.5	808					217	478	554	749	881	787
Acre-Feet	4,150	12,100					12,900	29,400	33,000	46,000	54,200	48,000

Year Mean 589

Period Acre-Feet 858,000

Number of second-feet of [illegible] SOUTH SIDE TWIN FALLS CANAL CO. [illegible]

For the year ending September 30, 19[illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	891	0	697	460	478	296	586	2000	2530	[illegible]	[illegible]	2310
2	866	0	701	460	478	294	581	1900	2660	[illegible]	[illegible]	2400
3	873	0	707	460	478	305	607	1860	2740	[illegible]	[illegible]	2400
4	895	0	701	460	478	303	670	1940	2780	[illegible]	[illegible]	2410
5	898	0	677	460	465	306	[illegible]	2030	2790	[illegible]	[illegible]	2430
6	895	0	687	460	465	305	830	2050	2780	[illegible]	[illegible]	2430
7	895	0	697	460	463	315	837	2100	2760	[illegible]	[illegible]	2410
8	880	0	690	460	463	325	891	2100	2790	[illegible]	[illegible]	2410
9	850	500	684	460	463	472	950	2100	2800	[illegible]	[illegible]	2410
10	855	808	684	460	463	[illegible]	[illegible]	2150	2810	[illegible]	[illegible]	2410
11	889	880	684	466	463	481	981	2150	2820	[illegible]	[illegible]	2370
12	862	845	684	466	463	478	0	2250	2830	[illegible]	[illegible]	2340
13	862	823	687	465	465	419	0	2240	2830	[illegible]	[illegible]	2290
14	844	784	684	463	463	421	0	2250	2840	[illegible]	[illegible]	2250
15	858	766	660	463	445	421	0	2210	2850	[illegible]	[illegible]	2210
16	862	724	598	466	445	406	481	2210	2850	[illegible]	[illegible]	2210
17	866	704	578	465	358	303	744	2200	2900	[illegible]	[illegible]	2200
18	873	714	550	464	257	386	951	2210	2900	[illegible]	[illegible]	1960
19	876	714	481	463	189	381	973	2240	2850	[illegible]	[illegible]	1560
20	858	707	484	460	282	381	[illegible]	2250	2900	[illegible]	[illegible]	1510
21	1020	707	457	463	445	369	1170	2230	2830	[illegible]	[illegible]	1670
22	1080	701	454	466	472	392	1060	2180	2820	[illegible]	[illegible]	1590
23	1360	718	448	469	404	411	1240	2250	2850	[illegible]	[illegible]	1580
24	1610	721	460	475	395	497	1130	2430	2840	[illegible]	[illegible]	1570
25	1882	707	457	472	356	521	1320	2370	2840	[illegible]	[illegible]	1520
26	0	704	454	469	350	521	1530	2360	2850	[illegible]	[illegible]	1820
27	0	707	454	472	353	550	1590	2370	2860	[illegible]	[illegible]	1200
28	0	707	457	478	331	556	1750	2500	2850	[illegible]	[illegible]	1150
29	0	707	457	478		538	1840	2490	2920	[illegible]	[illegible]	1100
30	0	697	460	475		567	1980	2490	2850	[illegible]	[illegible]	1100
31	0		460	478		556		2500		[illegible]	[illegible]	
Mean	754	556	581	466	435	439	[illegible]	2,220	2,820	2,[illegible]	2,740	1,910
Acre-Feet	46,400	58,000	55,700	28,700	25,000	26,900	[illegible]	132,000	170,000	[illegible]	168,000	114,000

Year [illegible] Mean 2,[illegible]

Acre-Feet 685,000

Daily discharge in second-feet of SOUTH SIDE TWIN FALLS CANAL AT MILNER, IDAHO for the year ending September 30, 1928.

Plate No. 11

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1850	772	749			661	615	3300	3310	3330	3630	3570
2	1820	815	756			636	658	3200	3390	3370	3630	3570
3	1770	838	762			633	765	3100	3400	3420	3600	3580
4	1780	782	749			615	879	3240	3370	3430	3600	3570
5	1770	695	740			571	938	3240	3340	3380	3570	3550
6	1750	658	746			568	952	3160	3370	3370	3620	3450
7	1750	655	759			568	1080	3370	3350	3420	3640	3440
8	1750	655	740			548	1130	3400	3350	3500	3660	3500
9	1730	670			740	548	1170	3330	3320	3540	3650	3430
10	1710	679				545	1150	3210	3330	3550	3600	3350
11	1600	667				523	1160	3250	3350	3540	3630	3270
12	1260	658				487	1160	3320	3350	3520	3680	3100
13	1030	667				526	1180	3300	3340	3520	3680	2950
14	1200	667				528	1180	3230	3350	3570	3660	2790
15	1210	655		736		520	1170	3190	3430	3610	3660	2760
16	1180	714	736			523	1170	3170	3440	3550	3650	2790
17	1180	758				540	506	3140	3440	3530	3610	2730
18	1190	759				528	115	3060	3440	3610	3630	2620
19	1170	752				517	504	3100	3440	3570	3720	2530
20	1130	746			740	514	1530	3080	3420	3580	3690	2230
21	1120	749			724	523	1770	3060	3390	3610	3710	2070
22	1120	749			730	537	1280	2980	3370	3590	3690	2060
23	346	749			704	534	1610	3060	3400	3630	3570	2080
24	128	752	738		676	534	2090	3230	3410	3600	3520	2090
25	190	749			670	540	2450	3160	3430	3600	3620	2100
26	476	740			661	540	2600	3140	3430	3600	3630	2030
27	910	746	738		673	531	2790	3150	3470	3600	3610	1900
28	775	746			679	531	3110	3400	3390	3620	3610	1730
29	670	746				534	3210	3400	3380	3620	3630	1570
30	652	746				562	3120	3310	3340	3630	3610	1520
31	679					597		3270		3630	3630	

Mean	1,190	724	740	736	726	550	1,450	3,210	3,380	3,540	3,630	2,730
Acre-Feet	73,200	43,100	45,500	45,300	40,300	33,800	85,100	197,000	201,000	218,000	223,000	162,000

Year Mean 1,690

Acre-Feet 1,370,000

SNAKE RIVER AT MINER, IDAHO

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	579	66	328	1060	1150	1420	416	54	14	35	10	11
2	622	103	314	948	1180	1420	356	41	15	45	11	10
3	244	43	486	1030	1300	1420	113	35	17	40	10	10
4	21	229	760	1270	1350	1420	60	39	15	20	10	10
5	402	326	444	1130	1130	1530	58	36	14	11	10	10
6	593	320	395	1590	1060	1570	133	33	14	10	10	10
7	603	812	506	1690	1010	1590	928	41	15	11	10	10
8	383	931	383	1500	1470	1440	356	99	15	11	10	10
9	270	354	298	1300	1830	1090	922	160	15	12	10	10
10	226	621	603	1040	1510	1070	818	25	15	10	10	11
11	264	968	942	1100	1730	1160	766	22	16	10	9	10
12	398	963	802	1060	1900	1100	662	22	18	10	9	10
13	383	1180	672	875	1500	805	1680	21	19	12	10	10
14	249	875	672	885	1520	1470	1290	19	18	10	10	10
15	254	812	1350	885	1320	1900	1460	17	15	10	10	10
16	272	472	2300	745	1320	1890	307	15	15	41	10	10
17	283	451	3290	637	1380	1020	67	13	16	11	10	12
18	303	486	3670	788	1250	1230	96	13	16	10	10	12
19	283	667	2620	1370	1250	1250	1110	13	15	10	10	11
20	272	486	1820	1280	1120	859	1080	14	15	10	10	10
21	149	441	2220	1120	1210	327	131	14	13	10	10	10
22	22	432	1800	1130	986	922	539	13	11	10	10	10
23	160	444	1520	1130	1010	1010	184	14	11	10	10	10
24	368	510	2420	1130	1180	506	117	14	10	10	10	10
25	1010	556	2760	1240	1190	561	116	14	10	11	10	11
26	1630	539	1620	1130	1250	579	114	13	10	10	10	11
27	1570	432	1370	1130	1280	483	109	13	11	11	10	10
28	1130	428	1340	1130	1440	320	89	21	13	11	10	10
29	506	428	1390	1160		167	57	19	10	10	10	10
30	111	389	1060	1130		588	46	16	10	10	10	10
31	30		1130	1180		280		13		10	10	
Mean	438	525	1,380	1,120	1,320	1,050	472	28.9	14.0	14.6	9.97	10.5
Acre-Feet	26,900	31,200	81,800	68,900	73,500	64,600	28,100	1,780	855	898	613	613

YEAR [illegible] MEAN 524

ACRE-FEET 380,000

Daily contents in acre-feet of BENEWAH LAKE NEAR LAKE, IDAHO for the year ending September 30, 1938

Plate No. 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1										36976	19092	8511
2											18166	8511
3									31192	37359	17227	8511
4											16416	8511
5											15812	8511
6								27874			15266	8517
7										37468	14713	8517
8										37267	14303	8517
9										36841	13964	8517
10										36347	13460	8517
11										35770	12889	8517
12									32593	35157	12310	8517
13									32976	34544	11856	8517
14										34042	11471	8429
15	10745									33600	11093	8342
16										32951	10717	8254
17										32274	10345	8166
18										31597	9941	8078
19										30913	9534	7990
20								29480		30165	9124	7903
21										29278	8712	7816
22										28354	8596	7729
23										27428	8517	7641
24										26500	8517	7554
25										25574	8517	7466
26										24644	8517	7378
27										23712	8517	7290
28										22789	8517	7220
29	11936									21877	8517	7203
30										20953	8517	7240
31										20029	8517	

Mean Acre-Feet												

Year or Period

Mean Acre-Feet

Daily discharge, in second-feet, of HENRYS FORK NEAR LAKE, IDAHO for the year ending September 30, 1939

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2											479	17
3											478	16
4											479	16
5										10	415	15
6											310	15
7											281	15
8										38	279	15
9										105	212	15
10										237	175	15
11										270	238	15
12										310	292	15
13										328	296	15
14									8	326	232	65
15										269	197	66
16										238	194	66
17										344	192	65
18										337	194	65
19										335	206	65
20										339	208	64
21										391	208	63
22										461	209	62
23										479	59	64
24										479	20	65
25										481	18	65
26										479	18	65
27										481	18	64
28										476	18	25
29										470	17	6
30										474	17	6
31										474	17	

Gates at Henrys Lake closed Oct 1 - July 6

Mean										297	194	39.7
Acre-Feet										18,300	11,900	2,360

Year or Period Mean _____ Acre-Feet _____

...ously discharges in accordance with ... RESULTS FOR NEAR ISLAND PARK, IDAHO ... for the year ending September 30, 19...

Plate No. 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							367	797	940	473	862	417
2							377	776	963	457	884	417
3							387	819	986	457	895	417
4						381	396	797	986	457	852	417
5							392	929	940	440	852	417
6							389	841	917	440	746	418
7				368		381	385	797	895	490	684	420
8						381	381	735	852	473	684	422
9						381	377	694	808	542	588	424
10						381	372	675	808	675	570	424
11						381	367	636	808	675	665	424
12						381	367	646	808	715	665	424
13						381	367	725	776	735	665	424
14						381	367	787	756	735	607	490
15						381	367	830	756	694	588	490
16						381	367	963	735	655	570	490
17						381	381	1220	694	735	570	481
18						381	396	1030	655	776	552	481
19						381	381	917	616	776	552	465
20						381	367	808	579	756	602	465
21						381	381	787	561	776	588	465
22						381	410	841	524	819	597	465
23						381	440	929	506	873	440	465
24						381	473	862	490	873	424	465
25						381	506	819	473	873	424	515
26						376	597	841	473	873	475	481
27						372	735	884	473	862	440	465
28						367	929	841	473	862	424	465
29						367	1180	841	473	862	424	457
30						367	1020	862	473	862	424	417
31						367		906		862	417	

					2[illegible]	[illegible]	879	674	885	707	696	804	480
Mean Acre-Feet					[illegible]	[illegible]	[illegible]	38,800	51,800	43,100	42,700	47,100	26,600

Year ... Name ...

Acre-Feet ... 385,050

...ranged from ... at Weiser River, Idaho

...for the year ending September 30, 1929

Plate No. 44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	729	729	712	759	718	776	701	1440	1420	859	1210	753
2	724	735	718	741	718	776	701	1380	1410	837	1220	753
3	724	747	718	735	718	776	712	1410	1410	831	1210	753
4	724	729	684	729	718	776	718	1410	1400	824	1200	753
5	724	735	634		718	764	718	1510	1370	818	1200	753
6	724	782	602		710	770	784	1460	1310	818	1140	747
7	741	741	550	780	451	764	741	1370	1270	818	1040	741
8	759	735	500			764	718	1310	1230	824	1030	747
9	753	764	425			741	701	1220	1220	855	1010	759
10	741	729	753			741	689	1180	1190	861	938	747
11	741	706	759	718		741	706	1130	1170	899	930	741
12	747	718	765	695		729	701	1140	1150	983	908	741
13	747	741	759	706		729	695	1160	1140	1030	1010	741
14	741	729	753	713		729	695	1250	1130	1050	930	735
15	741	706	753	729	700	729	706	1300	1110	1070	911	824
16	741	759	753	718		729	724	1420	1080	1080	918	818
17	759	741	753	706		729	735	1640	1040	1070	905	794
18	759	735	765	706		729	764	1650	1020	1040	905	782
19	747	729	741	718		729	764	1500	983	1060	931	782
20	741	729	788	718		729	747	1430	957	1120	938	776
21	735	735	735	706		729	747	1410	931	1120	918	776
22	735	729	706	706		718	788	1490	905	1120	924	770
23	735	701	765	718	695	718	843	1360	886	1130	880	782
24	735	718	741	784	718	701	899	1460	868	1140	776	806
25	735	729	735	724	729	701	964	1410	861	1180	770	868
26	735	718	735	718	747	701	1100	1430	895	1200	931	812
27	735	718	735	718	764	700	1290	1430	843	1220	788	794
28	741	718	730	721	776	700	1520	1400	837	1230	776	794
29	741	718	770	724		700	1790	1350	855	1210	764	776
30	729	712	735	718		700	1690	1360	868	1200	753	741
31	729		724	718		700		1400		1200	735	

Mean	736	728	716	720	705	725	866	1,380	1,090	1,080	935	775
Acre-Feet	45,400	43,300	44,700	44,300	39,000	45,100	51,500	85,000	64,900	66,700	58,700	46,000

Year Mean 871

Acre-Feet 630,000

...ARGE, IN THOUSANDS OF ... RECORDS FOR NEAR ASHTON, IDAHO

... for the year ending September 30, 19...
October 1, 19...

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1030	1040	1070	782	975	1100	988	2140	2260	1150	1810	1080
2	1070	1040	1030	1050	1060	1140	988	1960	2260	1150	1550	1070
3	1040	1040	989	1280	987	1090	988	2020	2240	1130	1510	1070
4	1040	1040	842	1020	1050	1090	1000	2040	2180	1120	1510	1070
5	1040	1040	1200	810	818	689	988	2160	2100	1110	1500	1080
6	1040	1150	978	974	1240	1260	1000	2200	2040	1110	1430	1050
7	1080	1040	815	1100	798	1140	1030	2100	1960	1110	1340	1040
8	1110	1040	599	932	574	1080	1010	1870	1890	1180	1340	1040
9	1120	1070	477	1140	693	1080	1010	1700	1870	1180	1290	1070
10	1080	1110	942	1040	940	1080	936	1650	1810	1230	1200	1030
11	1070	983	913	1040	1140	861	962	1630	1780	1350	1220	1040
12	1050	935	1000	934	985	1110	975	1630	1720	1350	1290	1030
13	1050	1170	972	971	1120	1120	975	1700	1690	1370	1310	1040
14	1070	1030	984	1060	988	1110	1010	1890	1670	1380	1310	1030
15	1110	1040	981	769	1050	1070	1010	1980	1580	1370	1220	1150
16	1080	1040	971	1220	1040	1030	1110	2200	1560	1370	1220	1130
17	1000	1060	921	822	1090	1020	1180	2650	1690	1320	1220	1120
18	1150	1060	981	980	1090	1080	1250	2760	1630	1420	1220	1070
19	1030	1030	1060	1050	830	1040	1220	2450	1580	1400	1280	1090
20	1120	1020	1020	1050	1340	1030	1150	2350	1500	1420	1310	1070
21	1040	1060	1020	1100	1120	1030	1120	2350	1430	1400	1250	1080
22	1040	1080	1010	853	845	1030	1150	2430	1420	1420	1200	1070
23	1040	1070	989	1310	1320	975	1580	2610	1370	1500	1230	1070
24	1030	948	1030	1080	1070	988	1490	2430	1340	1530	1080	1080
25	1040	1050	805	1070	1030	975	1510	2520	1190	1530	1070	1220
26	1040	1040	1070	982	776	975	1560	2370	1160	1530	1150	1130
27	1030	1030	1170	1050	1290	988	1850	2370	1150	1530	1110	1130
28	1040	888	1000	900	1060	975	1740	2160	1160	1530	1090	1070
29	1040	1040	1000	1080		1010	2740	2140	1190	1500	1090	1050
30	1040	1150	1090	1070		988	2560	2140	1160	1480	1070	1040
31	1030		1040	1070		988		2240		1500	1060	
Mean	1,080	1,040	966	1,000	1,020	1,040	1,260	2,150	1,680	1,340	1,270	1,080
Acre-Feet	65,800	61,900	59,400	62,700	56,700	64,000	75,000	132,000	99,800	82,400	78,100	64,300

Year Mean 1,240
Acre-Feet 900,000

Daily discharge, in second-feet, of **Henrys Fork at St. Anthony, Idaho**

for the water year ending September 30, 1911.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								2600	3860	1260	709	599
2								2600	3820	1090	745	632
3								2680	3550	745	720	615
4								2540	3340	624	781	607
5								2570	3340	607	745	607
6								2570	3370	583	727	583
7								2400	3370	559	700	575
8								2160	3310	709	700	583
9								1910	3260	600	683	754
10								1810	3730	819	615	819
11								1720	4010	889	640	857
12								1680	4110	754	700	899
13								1870	4330	745	709	980
14								2270	4560	709	700	905
15								2620	4730	674	658	1020
16								3000	4310	607	624	1000
17								3670	4420	875	615	1060
18								3860	4230	727	624	909
19								3730	3850	745	666	899
20								3610	3220	709	674	984
21								3700	2870	754	674	984
22								3980	2470	781	709	963
23								3980	2180	819	745	963
24								3700	2070	859	640	963
25								3640	1940	727	615	1260
26								3760	1690	709	692	1190
27								3580	1560	709	692	1110
28								3110	1350	709	683	1070
29								2970	1220	592	658	1020
30								3030	1180	700	640	1020
31								3400		684	632	
Mean								3,080	3,100	745	684	891
Acre-feet								189,000	184,000	45,700	42,100	53,400

Mean _____

Acre-Feet 509,000

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

For the year ending September 30, 19[illegible]

Plate No. 40

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	885	1470	1550				1660	3320	3210	1310	391	498
2	775	1440	1580				1640	2470	3690	1310	418	467
3	755	1400	1590				1680	2240	3650	1080	458	458
4	750	1380					1740	2320	3390	852	485	436
5	715	1400					1740	2190	3140	745	472	422
6	705	1460					1740	2090	3010	680	462	418
7	730	1600					1750	2020	2840	630	436	404
8	858	1580					1750	1870	2820	600	413	400
9	1040	1600					1700	1650	2730	615	458	431
10	1130	1640					1660	1420	2880	610	494	552
11	1160	1650					1620	1340	3270	580	444	620
12	1210	1610					1580	1250	3740	557	418	660
13	1280	1730					1540	1250	4050	530	436	725
14	1290	1770				1620	1500	1350	4400	516	408	775
15	1290	1630	1520				1470	1610	4740	490	404	819
16	1270	1680					1540	1890	4980	476	383	929
17	1200	1690					1760	2390	4750	462	375	1010
18	1190	1710					2030	3280	4640	440	371	934
19	1250	1710					2170	3660	4560	426	387	802
20	1200	1730					2050	3590	4200	418	408	841
21	1250	1730					1810	3530	3610	418	422	880
22	1300	1760					1890	3760	2980	418	436	880
23	1360	1760					2000	4150	2440	413	490	852
24	1370	1630					2300	4190	2000	458	521	868
25	1350	1550					2320	3840	1750	458	462	958
26	1390	1610					2130	3700	1650	408	436	1210
27	1450	1610					2160	3760	1380	400	503	1190
28	1480	1580				1660	2390	3470	1250	391	498	1180
29	1460	1540				1730	2920	2870	1340	387	521	1100
30	1510	1540				1730	3580	2520	1260	383	512	970
31	1510					1710		2550		379	498	

Mean	1,160	1,610	1,550	Est.1600	Est.1600	1,680	1,980	2,630	3,140	575	446	756
Acre-Feet	71,300	95,800	94,100	98,400	88,900	100,000	118,000	162,000	187,000	35,400	27,400	45,000

Year ending September 30

Mean 1,650

Acre-Feet 1,120,000

Daily discharge, in cubic feet, of **FALL RIVER NEAR SQUIBNOCKET, IDAHO** for the year ending September 30, 19[illegible]

Plate No. 56

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	494	449	456				388	910	2500	1370	502	470
2	494	449	470				400	870	2800	1130	582	470
3	494	449	486				400	850	2780	920	582	470
4	478	449	478		400		400	850	2680	783	566	470
5	478	449	470	450			400	910	2660	693	550	470
6	478	558	470				400	970	2780	622	542	470
7	494	510			307		388	870	2960	590	534	470
8	558	510			318	380	388	756	2980	801	534	463
9	542	510		449	296		388	684	2920	820	534	486
10	494	494			318		388	702	3850	810	526	463
11	494	494					388	702	3970	738	526	463
12	510	494					388	702	4050	738	518	456
13	510	494					376	792	4340	720	510	449
14	510	494					388	950	4610	720	510	442
15	494	494				376	388	1100	4960	702	510	463
16	494	494				364	428	1310	4310	702	510	486
17	494	526				364	456	1620	4230	702	502	470
18	494	534				364	502	1620	4320	518	502	400
19	494	518	455	440	380	388	486	1590	4500	582	502	442
20	449	534				400	470	1700	3890	566	518	442
21	449	518				414	518	2000	3440	566	502	435
22	463	502				414	614	2510	3160	566	502	435
23	463	486				400	666	2030	2970	550	502	414
24	463	502				394	720	1920	2940	550	494	470
25	463	486				388	756	2090	2790	534	502	630
26	449	470				388	810	2280	2060	526	566	470
27	449	470				388	970	2090	1810	518	518	456
28	463	470				414	1050	1860	1810	510	502	442
29	463	486				442	1460	2030	1720	510	502	442
30	456	486				414	1140	2200	1360	510	486	435
31	449					400		2510		502	470	

Mean	485	498	458	445	374	390	506	1,410	3,300	680	520	461
Acre-Feet	29,700	29,600	28,200	27,300	20,600	23,900	30,200	86,700	196,000	41,800	32,000	27,400

Max. 4960 Mean 705

Min. 296 Acre-Feet 373,000

...y discharge, in second-feet, of FALL RIVER NEAR CHESTER, IDAHO ...for the year ending September 30, 19...

Plate No. 5

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								980	2330	562	21	4
2								990	2510	375	25	4
3								1070	2460	264	33	3
4								990	2320	187	33	3
5								1030	2590	204	26	3
6								1000	2480	165	24	4
7								894	2610	167	25	5
8								840	2610	340	26	6
9								786	2570	444	29	13
10								761	3080	393	29	19
11								727	3340	329	27	22
12								752	3610	198	28	28
13								876	3830	168	30	28
14								1110	4070	165	29	28
15								1330	4210	162	26	30
16								1560	3850	145	24	351
17								1950	3930	131	23	274
18								2050	3800	95	23	145
19								2130	3490	56	27	128
20								2080	2920	40	25	204
21								2290	2610	30	23	208
22								2500	2250	25	20	212
23								2360	2020	25	20	215
24								2130	1840	25	20	223
25								2220	1820	25	20	474
26								2370	1600	24	38	444
27								2200	1320	24	43	399
28								1880	1120	21	44	366
29								1850	923	20	42	283
30								1960	622	20	40	260
31								2190		21	37	
Mean								1,640	2,680	156	28.5	208
Acre-feet								94,700	156,000	9,590	1,750	18,400

Mean ...

Acre-Feet 374,000

...ily discharge, in second-feet, of ... at ANTHONY, IDAHO ... for the year ending September 30, 19...

Photo. No. 57

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								782	2060	966	591	626
2								681	2100	924	666	616
3								712	2290	889	712	587
4								770	2100	883	712	518
5								681	1960	854	686	513
6								616	1850	820	616	504
7								666	1850	804	591	494
8								611	1770	808	596	494
9								681	1640	837	631	499
10								523	1820	798	621	513
11								499	2070	770	606	499
12								494	2280	770	576	542
13								494	2100	804	561	561
14								499	2530	735	556	561
15								504	2350	718	561	523
16								543	2580	702	561	513
17							826	686	2360	702	551	490
18							1120	906	2340	692	536	485
19							1060	966	2270	676	641	480
20							854	912	1950	661	681	466
21							782	1060	1690	636	681	457
22							826	1310	1580	626	646	452
23							1000	1390	1440	631	586	457
24							1040	1200	1500	636	591	466
25							1100	1240	1320	621	547	518
26							1200	1310	1130	606	566	537
27							1300	1560	1080	666	561	518
28							1400	1400	1050	681	581	499
29							1300	1320	1070	596	636	494
30							820	1560	1000	591	646	494
31								1030		576	636	
Mean							1,040	924	1,830	727	610	511
Acre-Feet							29,000	56,800	109,000	44,700	37,500	30,400

Mean ...

Acre-Feet 307,000

Daily discharge, in second-feet, of Portneuf River at Pocatello, Idaho *, for the year ending September 30, 19 28*

Plate No. 5

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	260	240				406	493	342	73	57	80
2	102	260	239				406	438	322	69	75	80
3	100	270	237			250	406	416	300	65	75	80
4	93	270	235				439	395	280	68	73	77
5	97	260	233		240		439	364	246	71	74	75
6	100	260	229				427	374	223	65	71	74
7	100	260	223			250	416	364	212	62	68	75
8	102	270	201			250	406	332	199	80	70	71
9	108	260	179			250	384	311	180	82	70	71
10	108	260	216			270	364	300	170	77	69	77
11	105	260				290	353	290	161	76	79	76
12	102	250				311	332	270	155	74	77	79
13	102	250				342	338	242	147	64	76	79
14	102	250				342	311	235	114	57	77	79
15	102	250	210	240		332	311	242	101	55	73	77
16	108	250				332	342	260	93	54	70	81
17	105	270				342	364	300	82	53	69	86
18	104	270				342	384	364	85	52	70	86
19	107	260				342	395	406	85	47	73	86
20	107	260			250	342	395	427	76	49	76	86
21	110	250				353	374	427	65	53	73	88
22	110	248				342	353	471	65	54	70	86
23		242	220			342	364	504	64	49	70	86
24	180	239				323	384	471	64	56	69	88
25		237				323	406	449	64	52	69	92
26		239				332	416	427	69	58	71	95
27	260	239				342	416	427	71	56	74	99
28	260	239	230			364	427	416	70	54	75	102
29	260	237				395	460	384	76	53	77	95
30	260	237				406	504	364	71	50	79	94
31	260					406		353		53	81	

Mean	139	254	230	240	246	346	390	371	142	60.7	72.5	85.5
Acre-Feet	8,550	15,100	13,500	14,800	13,700	19,400	23,800	22,800	8,450	3,730	4,460	4,960

U. S. DEPARTMENT OF AGRICULTURE WEATHER BUREAU 6—7169

Year 1928

Mean 211

Acre-Feet 153,000