STATE OF IDAHO

C. BEN ROSS, GOVERNOR

DEPARTMENT OF RECLAMATION

R. W. FARIS, COMMISSIONER

BOISE

HANS H. COFFIN
ASSISTANT COMMISSIONER
DIRECTOR WATER RESOURCES

January 25, 1932

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

Sir:

There is transmitted herewith the annual report of Lynn Crandall, Watermaster and Special Deputy Commissioner of Reclamation, covering the handling and distribution of water in Water District No. 36 for the year 1931. Water District No. 36 includes practically the entire area irrigated from Snake River above the Milner Dam, comprising approximately one million acres of land.

Operations in this District were carried on last year, as usual, under the cooperative agreement between the State of Idaho and the U. S. Geological Survey, which has been in effect since 1919, and which has proven effective, economical and satisfactory.

As you realize, we have during the past year suffered the greatest drought in the history of the State, the water supply in this District being only a little over 50 per cent normal, on which account there was, naturally, some loss of crops and inconvenience sustained by the farmers, but by the exercise of rare judgment, tact and industry, Mr. Crandall and his able corps of assistants have met and surmounted the many perplexing and vexatious problems incidental to such a situation in a fair, efficient and constructive manner.

The "Committee of Nine," which is a voluntary organization of Waterusers serving in an advisory capacity to the Watermaster, without compensation, has also rendered valuable service by way of advice and unselfish devotion of their time and efforts in the interest of the Waterusers of the District during the trying times of the past season, and its services are fully appreciated by this Department.

The data and information contained in previous reports of the Special Deputy for this District have been found convenient and of great value to this Department with reference to the many complex and troublesome problems with which it has to contend in the handling and distribution of water, and it is confidently expected that this report will prove as valuable in that respect as its predecessors.

Respectfully submitted,

R. W. FARIS

Commissioner of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

LYNN CRANDALL, WATERMASTER

IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

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

January 25, 1932

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

Dear Sir:

I am transmitting, herewith, the annual report of District No. 36 for the year 1931.

The operations of the District were carried on, as in past years, under a cooperative arrangement between the State of Idaho, the U. S. Geological Survey and Snake River water users.

The year was characterized by the lowest run-off that has ever occurred on the stream and some loss of crops was experienced due to water shortage, especially in the Henry's Fork basin.

Special acknowledgements are due to the members of the Committee of Nine and to the officers of the various canal companies for a tolerant fair-minded attitude towards the various questions that arose from time to time on account of the deficient water supply.

Your cordial cooperation throughout the season, the loyal efficient service of the various members of the operating organization and the assistance of W. V. Iorns and Helen George in the preparation of this report are also gratefully acknowledged.

Very truly yours,

LYNN CRANDALL

Watermaster.

WATER DISTRIBUTION AND HYDROMETRIC WORK

SNAKE RIVER, IDAHO

DISTRICT NO. 36

BY LYNN CRANDALL

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INTRODUCTION

At the annual Watermaster election held in Idaho Falls on March 2, 1931, Lynn Crandall was unanimously elected as Watermaster for the ensuing year and the following were elected as members of the Committee of Nine: W. O. Cotton, E. B. Darlington, John E. Kelley, Geo. Harrigfeld, John W. Hart, F. A. Miller, E. H. Neal, N. V. Sharp and R. E. Shepherd. The Committee organized by electing John W. Hart, Chairman, F. A. Miller, Vice-Chairman and John Lee, Secretary.

The meeting adopted the report of the Resolutions Committee providing charges for 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 following resolution was unanimously adopted:

"WHEREAS, The present indications are that the normal flow of Snake River during the coming season will be the lowest ever recorded, and

WHEREAS, Under these conditions it is desirable and necessary that the fullest possible use be made of existing facilities for use of water, and

It is hereby resolved that as an emergency measure during the 1931 season only, owners of natural flow rights above Blackfoot shall be permitted to store such natural flow in Jackson Lake or Henry's Lake reservoir when space is available during such times as the natural flow rights are cut to a priority earlier than April 15, 1898, the amount to be stored, however, to be as determined by the Watermaster and not to exceed the average diversion by said canal under its valid and existing rights during the preceding five-day period. If any of the rights of said canal lapse during the period when such water is being stored, the amount to be stored shall be proportionally reduced. Any water so stored shall be for the exclusive use of the Canal Company storing same and shall not be subject to sale. If any stored water at all owned by said Company is sold, the right to the accumulated natural flow shall entirely lapse and such water shall revert to the river for use by natural flow rights."

At a meeting of the Committee of Nine held on March 2, 1931 the Watermaster, at his request, was authorized to hold natural flow in Jackson Lake that should be permitted to flow downstream to fill

rights below American Falls, such rights, however, to be supplied with an equivalent amount of storage from American Falls belonging to upper valley canals. This authorization was granted because it was the only possible way in which enough storage could be accumulated at Jackson Lake to allow upper valley canals to receive American Falls storage water owned by them.

At this same time the Committee of Nine authorized the following reductions in salaries of River Riders:

Heise division to..... ..$7.50 per day
Rigby & Idaho Falls division to..... 7.25 " "
Blackfoot division to..... 7.00 " ",

the above figures to include transportation. Owing to the uncertainty of the date when regulation would become necessary, no exact budget was adopted but the Watermaster was requested to maintain all expenses at as low a figure as possible consistent with giving efficient service.

As the season advanced, it early became apparent that various canals in the upper valley, who either owned no storage at all or insufficient amounts, would be unable to mature any of their late crops. This situation led to a general meeting of water users and the Committee of Nine on June 2, 1931 at Idaho Falls, at which meeting a Pool Committee consisting of John E. Kelley, W. O. Cotton, J. T. Fisher, John Lee and Lynn Crandall, ex-officio, was appointed to secure water from all available sources for sale to canals needing same. At this time a resolution was unanimously adopted by the water users authorizing the temporary storage of natural flow rights at Jackson Lake when

priorities later than 1898 were being filled, 60% of such water to be to the credit of the Company storing same and 40% to the credit of the Pool Committee. The Watermaster had already adopted an arbitrary charge of 10% on storage of natural flow when rights were cut to priorities earlier than 1898 to cover fluctuations in river flow resulting from such storage and he was authorized to apply such charges to the credit of the Pool Committee.

By this time negotiations had been consumated between the United States, the Idaho Power Company, American Falls Reservoir District No. 1 and the owners of storage rights in American Falls reservoir whereby the American Falls Reservoir District, acting as trustee for owners of storage rights, leased the Government space in the reservoir for a period of five years, same to be prorated by the District among the various parties owning reservoir rights except American Falls District No. 2 and the Burley Irrigation District. In this connection some discussion arose regarding the right of upper valley canals to participate in the portion of the Gooding project right at the American Falls reservoir that could not be used in 1931. Under the then existing situation the only way in which any of this Gooding water could be made available for use above Blackfoot was by exchange for stored normal flow at Jackson Lake belonging to the North Side Canal Company and Twin Falls Canal Company. Stored normal flow at Jackson Lake belonging to the Minidoka project had already been exhausted in exchange for other American Falls rights owned or leased from the Government by upper valley canals. It was finally agreed that 23,000 acre-feet of Gooding water would be allotted to the upper valley

above Blackfoot during 1931 for distribution by the Pool Committee, which would pay the American Falls Reservoir District for such amount of water at the rate of 12¢ per acre-foot, the latter to apply the sum so received to the credit of the various upper valley canals in proportion to the share of each in the water leased for five years from the Government.

At this meeting the Watermaster was authorized to allow temporary transfers of natural flow rights at any time during the 1931 season when priorities were cut to June 1, 1898 or earlier, provided such transfers would not deprive any canal of water that it would otherwise receive.

At this time the Committee fixed a charge of 30¢ per acre-foot for water sold by the Pool Committee with a charge of 10¢ per acre-foot for the Gooding water to such canals owning space in American Falls Reservoir as would agree to replace in 1932 the water purchased at this rate if American Falls Reservoir failed to fill in 1932. The price of 30¢ was fixed because the Pool Committee had agreed to take over the leases of the Enterprise Irrigation District and Snake River Valley Irrigation District with the Government which had been previously made at prices ranging from 27¢ to nearly 30¢ per acre-foot.

The Committee of Three consisting of Messrs Stocking, Sharp and Paul, a sub-committee of the Committee of Nine, having in charge the various questions arising from the segregation of stored water and natural flow at American Falls reservoir met at Rupert on March 26, 1931 and adopted 2,750 second-feet as the natural flow gain between Clough and Neeley for the 1931 season.

The use of this figure resulted in reservoir losses that seemed quite reasonable and consistent up until some time during the first half of August when it became apparent from the river records that the inflow had decreased below the adopted figure. A subsequent meeting of the Committee was held at Burley on August 20, 1931 at which time the Watermaster was authorized to make inflow measurements between Clough and Neeley and to use as gain beginning August 21, 1931 the amounts indicated by such measurements.

Other features of water distribution were much the same as in previous years, accentuated by the short supply and long regulation season. The hydrometric work was carried on according to the standard practice and methods of the U. S. Geological Survey.

In anticipation of the short water supply the United States made application on March 25, 1931 to the Commissioner of Reclamation for the appointment of a Special Deputy to handle the distribution of stored water, and on April 3, 1931 Lynn Crandall was appointed by the said Commissioner to this position. Request was made on April 22, 1931 for regulation of natural flow by the United States representing the Gooding Project, by the Minidoka Irrigation District and by the Burley Irrigation District. Thereafter the natural flow was never sufficient to fill the rights decreed from the river and storage was drawn continuously each day until the end of September either from American Falls or Jackson Lake or both.

The gates at Jackson Lake were closed on October 1, 1931 but intermittent regulation by the Watermaster above Blackfoot continued until the middle of November, 1931 before continued cold

weather caused canals to cease diversions sufficiently so that water in substantial volume flowed past Blackfoot bridge. This is the first time since the settlement of the valley that the river flow after October 1st was insufficient to fill the requirements for stock water and fall irrigation under the canals that divert upstream from Blackfoot.

PERSONNEL

The personnel engaged in the work of distribution in District No. 36 during the season of 1931 was as follows:

Lynn Crandall	Watermaster and Special Deputy Commissioner of Reclamation.
Melvin Luke	Hydrographer and Deputy Watermaster in charge of deliveries on Henry's Fork and tributaries.
H. S. Kollenborn	Hydrographer until June 25, 1931.
W. V. Iorns	Hydrographer after May 22, 1931.
LeRoy W. Beam	Hydrographer during irrigation season.
Helen George	Clerk, Idaho Falls office.
Romona Brown	Part-time Clerk, St. Anthony office.
Walter Lenz	Deputy Watermaster, Upper Fall River.
Geo. H. Powell	Deputy Watermaster and hydrographer Teton River div.
Clyde Anderson	Deputy Watermaster and hydrographer Henrys Fork & Fall River divisions.
W. J. Kremer	Deputy Watermaster, Swan Valley division.
H. M. Bramwell	" " , Rigby division.
F. W. Tolles	" " , Idaho Falls division.
E. E. Bingham	" " , Blackfoot division.
H. E. Field	" " , American Falls dam.
T. E. Culley	" " , Minidoka dam.
W. N. McConnel	" " & hydrographer Milner dam.
J. M. McGinn	Gate Tender, Henry's Lake dam.
Joseph Markham	Superintendent, Jackson Lake dam.
Frances W. Herre	Forwarding Agent, Ashton, Idaho.

Mrs. John Keppner, Leon Taylor, Mrs. Irvin Siepert, Ora Kofoed, J. A. Clough, W. J. Baker and S. B. McAbee, gage readers.

DESCRIPTIVE OUTLINE OF 1931 DISTRIBUTION

The snow surveys that have been made each winter and spring by Joseph Markham on the watershed of Jackson Lake are becoming of increasing interest and importance to water users on the river.

It has been found by experience and study of the records that the results of the March snow survey each spring afford a fairly reliable basis for predicting the ensuing run-off. The results of the March snow survey, reduced to water equivalent, is shown in the following table for years of available records.

TABLE SHOWING MEAN WATER EQUIVALENT OF SNOW ON JACKSON LAKE WATERSHED AT TIME OF MARCH SURVEY

Year	Average Water Equivalent	%of Mean
1919	16.8 *inches*	83
1920	21.5	107
1921	20.6	102
1922	22.0	109
1923	20.8	103
1924	15.8	78
1925	25.9	128
1926	16.6	82
1927	33.0	164
1928	23.8	118
1929	20.2	100
1930	16.8	83
1931	9.3	46
Mean	20.2	100

The above table is average of results at Moran, Moran Canyon, Arizona station, Huckleberry divide, Snake River station, Coulter Creek, Lewis Lake divide, Aster Creek and Glade Creek.

It is apparent from a study of this table and a knowledge of water deliveries in past years that the march snow survey should sho" in any year an average water equivalent of 20 inches or more to insure adequate normal flow deliveries. The low results of the March, 1931 survey gave use to much apprehension on the part of water users that was later realized in the deficient run-off. The river was practically dry at Blackfoot for long periods during the season. It was dry at the Lorenzo bridge during the latter part of the season except for a few second-feet of seepage water and Henrys Fork early in the season went dry below St. Anthony and remained so until cuts were made to priorities

early enough to draw water from Henrys Fork canals to supply canals with earlier priorities on Snake River. The flow at the Woodville station reached a minimum of 460 second-feet the lowest ever recorded at that point, and new minimum natural flow discharges were recorded at practically all stations above American Falls reservoir.

Although neither Jackson Lake nor American Falls reservoirs filled, the holdovers in those reservoirs on October 1, 1930 amounting to about 800,000 acre-feet were of great aid to the 1931 supply and the situation would indeed have been serious except for these holdovers.

The low natural flow, large intermittent storage drafts, storage and exchange of natural flow rights and the necessity of keeping the river as nearly dry as possible at Blackfoot all contributed to irregular stream flows and made satisfactory operation above Blackfoot very difficult, besides adding considerably to the office work incident to keeping the necessary water accounts in proper order at all times.

The low river flow that existed at times increased very materially the storage transmission time interval from Jackson Lake to Blackfoot and while in the accompanying tabulations the same time interval has been applied as in previous years, it is a fact that at the extremely low stages the river from Lorenzo to Blackfoot at times became a mere succession of pools with intervening riffles. Under such conditions the time required to get an increased head of water down the river often was twice as great as the norral schedule.

The shortage in supply was especially pronounced in the Henrys Fork region. Henrys Lake on account of its limited drainage area

and scant snowfall only filled to about 20% of capacity and while the Pool Committee assigned a large part of its available supply to Henry's Fork canals by allowing such canals to divert natural flow which was replaced by Jackson Lake storage held by the Committee, there was no possible way by which most of these canals could secure anything approaching an adequate supply after the middle of the summer. Teton River canals received a supply far below normal and were cut throughout the season to even earlier priorities than were being filled on the river. No water at all reached Henry's Fork from the Teton river during the season. It would appear from the experience of the past few years in the Henrys Fork area that an adequate supply for the region can only be secured by additional storage facilities either on Henry's Fork or its tributaries, perhaps at more than one site, unless developments should make it possible to secure the Bechler site on Fall river from which point the entire area could be readily supplied at minimum cost.

American Falls reservoir reached its maximum height on April 20 and from that time until May 14 rights below American Falls were regulated in accordance with the normal flow available at Neeley as shown on Plates 11-13. During this period and intermittently thereafter until early in June normal flow was stored at Jackson Lake to the credit of various lower valley canals to the same extent as if this water had been permitted to flow down the river. The amounts so stored are shown by days on Plate 15. In preparing this tabulation, due allowances were necessarily made for 12.6% transmission loss from Jackson Lake to Neeley, priority of rights being filled on the river both above Blackfoot as well as below, normal flow being stored by canals above Blackfoot, etc.

The matter of this temporary storage of lower valley normal flow and subsequent exchange for an equal volume of storage at American Falls was of considerable benefit to upper valley canals in enabling them to utilize storage owned by them at American Falls. At the same time the procedure was not without benefit to lower valley canals because in making the calculations it was assumed that if the water had been released at Jackson Lake it would have, less 12.8% loss, all reached Neeley. As an actual matter of fact the losses early in the season on the first rise of the river would have been considerably greater than this figure. Much of the water would also have run out in upper valley canals that, on account of low river stages, were not drawing their decrees, so that altogether the lower valley canals not only saved the normal established loss of 12.8% but in addition received credit at American Falls for considerably more water than would ever have reached there if it had been permitted to flow down the river instead of being retained at Jackson Lake to their credit.

Beginning May 14 regulation was in accordance with the following schedule:

May	14	Cut off all 1894 rights.	
"	15	" " 1891	"
"	16	Filled 1891	"
"	17	" 1903	"
"	18	" 1905	"
"	20	Cut off 1895 rights above Woodville	
"	21	" " 1891	"
"	23	" " 1890	"
"	25	Filled 1893	"
"	26	" 1898	"
"	27	" 1904	"
"	30	Cut off 1900 rights above Woodville	
"	31	" " 1896	"
June	2	Filled 1900 rights.	
"	4	" 1903	"
"	11	Cut off 1896	"

June 14 Cut off June 1, 1895 rights
" 15 " " March 22, 1895 "
" 17 " part of February 6, 1895 rights
" 19 " off 1895 rights
" 20 " " rights later than June 1, 1891
" 22 " " " " " November 1, 1890
" 23 " " " " " June 10, 1890
" 25 " " " " " April 1, 1890
" 27 " " all 1890 rights
" 28 " " rights later than July 1, 1889
" 29 Filled 75% of June 1, 1889 rights
July 1 Cut off all June 1, 1889 rights
" 2 " " part of May 11, 1889 "
" 5 " " all of May 11, 1889 "
" 6 " " May 1, 1889 rights
" 7 " " April 15, 1889 "
" 9 " " rights later than March 1, 1889
" 11 Filled 50% of April 6, 1889 rights
" 13 " 50% " April 6, 1889 "
" 15 Cut off April 6, 1889 rights
" 16 " " all 1889 rights
" 17 Filled 75% of August 13, 1888 rights
" 18 " 50% " August 13, 1888 "
" 19 " 25% " August 13, 1888 "
" 21 Cut off all rights later than July 1, 1888
" 22 Filled 83% of June 21, 1888 rights
" 24 " 67% of June 21, 1888 "
" 25 " 33% " June 21, 1888 "
" 26 " 50% " June 21, 1888 "
" 30 " all " June 21, 1888 "
" 31 " all 1888 rights
Aug. 2 " April 6, 1889 rights below mouth of North Fork
" 5 Cut off rights later than July 1, 1888
" 9 Filled 80% of June 21, 1888 rights
" 11 Cut off June 15, 1888 rights
" 15 Filled June 15, 1888 "
" 16 " 1888 rights
" 18 " 50% August 13, 1888 rights
" 20 Cut off rights later than July 1, 1888
" 21 Filled 80% of June 21, 1888 rights
" 25 " all of June 21, 1888 "
" 28 " 80% of June 21, 1888 "
" 29 " 1/3 of June 15, 1888 rights on South Fork
" 30 Cut off June 15, 1888 rights
" 31 Filled 1/2 of June 15, 1888 rights
Sept. 1 Filled June 15, 1888 rights
" 6 " 1888 rights
" 9 " 75% of June 10, 1888 rights.

Sept.	11	Filled	June 1, 1888 rights
"	12	"	50% of June 1, 1888 rights
"	20	"	all of June 1, 1888 "
"	24	"	75% of June 10, 1888 "
"	26	"	50% of Aug. 13, 1888 "
"	28	"	August 13, 1888 rights

Dates of cuts varied slightly from the above in accordance with the time schedule between different sections of the river.

The schedule for Teton River and Henrys Fork rights, which at times varied from the main river schedule, due to lesser supply, is shown separately in the chapter covering that area.

Due to the low flow which was insufficient for late season requirements, regulation continued until the middle of November. After the latter part of September, however, strict adherence to established priorities was not followed, but an attempt was made to furnish a stock water stream to each canal, which was accomplished except for short intervals, and the balance of the available supply was delivered to the canals with the earliest rights for fall irrigation.

Plates 2 and 3 illustrate the manner in which Jackson Lake and American Falls reservoirs were filled and drawn down during the year.

Jackson Lake reached a peak on June 14 of 546, 870 acre-feet. All the water that accumulated in that reservoir, however, after April 22 was stored normal flow to the credit of various canal companies, and of the 407,200 acre-feet which the reservoir held on April 22, 2,334 acre-feet was stored normal to the credit of lower valley canals and 104,382 acre-feet was American Falls holdover from 1930 to the credit of

various individual companies, leaving 300,484 acre-feet of Jackson Lake water available for 1931 allotment to canals owning rights therein. This amount is 68.7% of the bottom right of 437,810 acre-feet and the 1931 Jackson Lake allotment was made on that basis.

American Falls reservoir reached an apparent peak on April 20 when it held 1,553,840 acre-feet. A comparison of the gage heights for this and adjacent days, however, together with study of Clough and Neeley records indicates that a downstream wind on the reservoir on this date artifically raised the water level at the gage and that the correct reservoir peak should be that of April 17 when the reservoir contained 1,551,710 acre-feet. Adding 104,382 American Falls holdover at Jackson Lake from the 1930 season to this figure makes a total of 1,656,092 acre-feet available for the 1931 allotment. Considering the various holdovers of American Falls water from 1930 this amount was found to be sufficient to fill all American Falls rights in full during 1931 except Lenroot Canal Company, Milner Low Lift District, Peoples Canal Company, Martin Canal Company and North Side Canal Company. The amounts allotted to each individual company are shown on Plate 14.

WATER SUPPLY

The following tabulation of comparative normal flow run-off at the Moran and Neeley stations affords a bird's eye view of the variation between the different years:

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	121	7,280,000	116
1905	779,570	72	4,150,000	66
1906	899,220	84	5,430,000	87
1907	1,282,000	119	8,510,000	136
1908	1,123,600	104	6,770,000	108
1909	1,461,300	136	8,540,000	136
1910	1,238,070	115	7,230,000	115
1911	1,345,790	125	7,080,000	113
1912	1,214,110	113	8,040,000	128
1913	1,436,000	133	8,600,000	137
1914	1,149,360	107	7,550,000	120
1915	770,130	72	4,950,000	79
1916	1,222,180	114	6,820,000	109
1917	1,238,040	115	8,120,000	129
1918	1,248,200	116	7,590,000	121
1919	685,190	64	4,610,000	74
1920	993,105	92	5,330,000	85
1921	1,067,370	99	6,770,000	108
1922	1,006,850	93	6,020,000	96
1923	944,500	88	5,630,000	90
1924	647,730	60	3,900,000	62
1925	1,328,000	123	6,290,000	100
1926	761,000	71	4,789,000	76
1927	1,417,000	132	6,470,000	103
1928	1,331,000	124	6,743,000	107
1929	865,000	80	4,770,000	76
1930	794,000	74	4,242,000	68
1931	576,000	54	3,297,000	53
Mean	1,075,000		6,270,000	

(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.

The long time record at Neeley station extending back to 1896 is shown on Plate 4. The deficiency in run-off during most of the years since 1918 is readily apparent from this diagram. Plate 5 is similar diagram for years of available records of Snake River near Moran, Wyoming which is above all irrigation diversions and shows a similar average deficiency since 1918.

The Neeley records since American Falls reservoir was built in 1926 should show a decrease in annual run-off compared to previous years due to the fact that this reservoir, by exchange with Jackson Lake, results in water being used in the upper valley that under conditions prior to 1926 would have passed Neeley. The evaporation losses that occur on the American Falls Reservoir itself would also decrease the Neeley run-off over that of similar years prior to 1926.

Plates 4 and 5 are interesting as showing how, since 1915 at both Moran and Neeley, each dry year is lower than the last preceding extreme dry year. In this connection compare the low years of 1915, 1919, 1924 and 1931 and note how the annual run-off in these years becomes successively lower and lower from one to the next.

It is evident that this section, in common with other western areas, is passing through a long-time cycle of increasing aridity, the end of which is not yet in sight.

TRANSFERS AND EXCHANGES

As previously noted, the great deficiency in the 1931 water supply resulted in an emergency agreement for that year, only, permitting storage of natural flow rights as well as transfers from

one canal to another. Temporary normal flow storage and transfers so authorized were restricted by the Watermaster to amounts that in his judgement would have been used by the canal owning the rights if the transfers or storage had not been permitted. Upon this basis no injury resulted to any user from the practice and it was of great benefit to certain canals whose normal flow rights were cut off or greatly reduced by midsummer and who owned either no storage or inadequate amounts. During the entire season upper valley canals above Blackfoot stored a total of 104,000 acre-feet of normal flow at Jackson Lake which is 3.7% of their total seasonal diversions of 2,798,000 acre-feet.

Temporary normal flow transfers on the main river were made as follows:

North Rigby and Bramwell to Consolidated Feeder
East Labelle to Lowder, Kite & Nord and Cheney
Reid to Lenroot
Long Island and West Labelle to Island-Dilts
Long Island to Butte & Market Lake
Kennedy to Great Western
Nielsen-Hansen to Corbett

These transfers in each case were restricted to other canals on the same section of the river to avoid any possible effect on return flow to the stream. Similar transfers were permitted among canals on Henrys Fork and tributaries and in several instances when Henrys Fork was dry below St. Anthony normal flow was transferred from certain canals to others and later repaid from Jackson Lake stored water owned or leased by the latter when priority cuts were made to low enough dates so that water was being delivered from Henrys Fork to Snake River.

Several permanent transfers were made during the season according to statutory provisions governing such procedure. None of these were for any large amounts of water, the most important being transfers from the East Labelle, Bramwel_ and Long Island ditches to

the Consolidated Feeder. A study of the groundwater contours of the valley indicates that there is a well defined area of about 160 square miles in the vicinity of the junction of Henrys Fork with Snake River in which the groundwater is close to the surface and drains into the river as return flow. For years past numerous permanent transfers of rights from canals serving this area have been made to canals serving other sections of the valley where the groundwater is far below the surface and never returns to the stream above Blackfoot. Early in 1931 the Watermaster adopted a permanent policy of refusing to approve any transfers from lands within this high level groundwater area to lands outside of it. Permanent transfers have been approved however from one section of the area to another in the same area where the groundwater still returns to the river and from other areas in the valley where the groundwater does not reach the stream above Blackfoot to areas similarily situated.

LITIGATION

No controversies arose during the year serious enough to lead to any new litigation. The Milner Low Lift Irrigation District and the Martin Canal Company were each awarded summary decrees in uncontested actions against the Watermaster covering rights previously established by use and State permits but which had never been defined by decree.

The case which had been pending for several years regarding the right of the Independent Canal Company to divert water from Scott's Slough was dismissed by the District Court early in the season, without prejudice, upon the failure of the Company to make satisfactory showing as to the amount of water required to irrigate its lands.

The case of the Twin Falls Canal Company vs. the Watermaster and State Commissioner of Reclamation relative to water distribution below Neeley remained in status quo during the year without coming on for trial.

The extreme shortage of water supply gave rise to a close study by various users of methods of operation being followed on the stream, but upon careful analysis of all factors involved in each case it was found possible to work out solutions fairly equitable to everyone concerned without resort to litigation. Among instances of this nature it was found necessary at times to operate the river above Lorenzo as a separate stream with priorities on Henrys Fork and the river below Lorenzo being filled to a slightly later date than could be filled above Lorenzo from the available natural flow at Heise station.

CANAL DELIVERIES

The amount of water diverted daily by the various canals from Snake River between Heise and Clough's ranch during the period May 1st to September 30, 1931 is shown on Plates 6 to 10, inclusive. Diversions by canals below American Falls for the entire year ending September 30, 1931 are shown for each individual canal among the records at regular gaging stations, Plates 33 to 43, inclusive. Regulation of canal deliveries continued by the Watermaster until about the middle of November but the river riders, except in the section below Shelley, were not employed after October 1st and no attempt was made to keep accurate records of diversions. During this period the available flow was divided on an equitable basis among the various canals for domestic purposes and those with very early priorities were allowed to divert such additional amounts as were available for fall irrigation needs.

The following tabulation shows the seasonal diversion, area under canal and acreage actually irrigated in 1931. The acreage figures are those furnished by the officers of the various companies. The acreage irrigated is supposed to represent the area upon which crops were grown during the year, but no deductions have been made for such items as roads, building sites, corrals, canals, stock yards, etc.:

TABLE SHOWING IRRIGATED ACREAGE AND SEASONAL DIVERSIONS DURING 1931 BY SNAKE RIVER CANALS.
(Diversions May to September, incl. 1931)

Name of Canal	Acre-feet	Area under Canal	Acreage Irrigated 1931	Diversions Ac.ft. per acre irrig.
Riley	3,170	873	675	4.7
Anderson & Eagle Rock	188,000	31,210	28,000	6.7
Farmers Friend	87,600	10,500	10,300	8.5
Enterprise	28,000	7,000	6,500	4.3
Nelson	137	50	40	3.4
Mattson & Craig	2,040	650	300	6.8
Arnsberger	212	140	100	2.1
Ross & Rand	693	160	160	4.3
Butler Island	11,700	1,500	800	14.6
Steele	2,120	224	200	10.6
Harrison	73,800	16,000	15,500	4.8
Cheney	824	160	160	5.1
Boomer & Idaho	170,000	35,400	35,400	4.8
Rudy	32,500	5,000	4,500	7.2
Kite & Nord	855	255	110	7.8
Burgess	153,000	23,000	20,000	7.6
Clark & Edwards	19,700	1,945	1,750	11.2
Lowder & Jennings	5,900	1,209	900	6.6
East LaBelle	32,300	2,800	2,800	11.5
Consolidated Feeder	15,800	3,504	3,230	4.9
Lenroot	19,800	3,960	3,600	5.5
Reid	27,200	5,000	3,500	7.8
Texas Feeder	48,300	4,500	4,380	11.0
Nelson-Corey	2,280	460	210	10.8
Hill-Pettinger	367	190	120	3.1
Rigby	34,800	3,500	3,000	11.6
Dilts & Island	27,100	4,300	3,650	7.4
W.Labelle, Indep. & Long Island	116,500	11,100	8,700	13.4
Parks & Lewisville	83,900	7,000	5,600	15.0
North Rigby	12,000	1,400	1,250	9.6
White	1,410	200	90	15.6
Ellis	669	120	100	6.7
Bramwell	1,560	380	220	7.1
Butte & Market Lake	34,800	19,000	17,560	2.0
Osgood	26,300	6,440	6,440	4.1
Bear Island & Smith	409	250	220	1.9
Kennedy	5,450	2,077	1,022	5.3

Name of Canal	Acre-feet	Area Under Canal	Acreage Irrigated 1931	Diversions ac. ft.per acre Ir.
Great Western & Porter	118,700	28,717	26,479	4.5
Coy	140	30	30	4.7
Woodville	13,700	3,000	3,000	4.6
Snake River Valley	96,800	25,000	21,910	4.4
Reservation	210,580(a)	60,000	29,874	7.0
Blackfoot	57,500	15,841	15,276	3.8
New Lava Side	24,800	7,000	6,000	4.1
Peoples	82,000	16,000	15,000	5.5
Aberdeen	177,500	62,295	45,000	3.9
Corbett	22,200	7,500	7,500	3.0
Nielsen-Hansen	1,620	900	750	2.2
Riverside	31,300	5,000	4,000	7.8
Danskin	44,300	6,000	6,000	7.4
Trego	11,100	1,600	1,250	8.9
Wearyrick	12,600	1,540	1,540	8.1
Watson	26,300	4,000	3,000	8.8
Parsons	6,720	4,000	1,055	6.4
North S. Minidoka	383,000	61,200	57,000	6.7
South S. Minidoka	302,000	54,000	50,300	6.0
North Side Milner	792,000	185,000	126,473	6.3
South S. Milner	975,000	203,568	203,568	4.8
Milner Low Lift	37,700	8,114	8,000	4.7
Gooding	264,874	80,000	32,000	8.3
Total Main Snake River	4,963,630	1,051,762	856,092	5.8

(a) 34,400 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.

The increased irrigated acreage in 1931 over that of 1930 is due to inclusion of Gooding Canal which was not used in 1930.

A similar tabulation for Henrys Fork canals will be found in the chapter on that section.

Many of the canals which show seasonal diversions that might be considered adequate were in reality quite short of water during August and September, the fairly high seasonal diversion in such instances being due to heavy natural flow diversions early in the season at the only time when water was available to fill many of the decrees. Upper valley canals above Blackfoot diverted during May to September, inclusive, from

the main Snake River a total of 2,209,056 acre-feet of which 527,000 acre-feet or 24% was stored water. Lower valley canals below Blackfoot diverted April to September, inclusive, a total of 2,754,574 acre-feet of which 1,620,000 acre-feet or 59% was stored water.

The proportionate value of the stored water was even greater than is indicated by the above percentages as it was used to supply normal flow deficiencies mostly during mid and late summer at critical periods of crop growth. As a matter of fact there would have been practically a complete crop failure on the greater part of the irrigated area in the valley except for the water stored at American Falls and Jackson Lake reservoirs.

RIVER DATA

Segregation of river flow at the various stations between stored water and normal flow, diversions between river stations, stored water losses, etc. are summarized for the season on Plates 11 to 13. In the preparation of this table the following time intervals have been used, corresponding to the nearest day with those used during years prior to 1930:

Days from Jackson Lake	Station
0	Moran
1	Heise
2	Woodville
2	Blackfoot Bridge
2	Clough Ranch
3	Neeley
4	Minidoka
5	Milner

Experience during 1931 demonstrated that the actual time interval varies widely with the river stage and at very low stages as much as two days are required from Heise to Woodville and one day from

Woodville to Blackfoot. The average time interval from Clough to Neeley, Neeley to Minidoka and Minidoka to Milner are all probably less than one day each but on account of American Falls reservoir, Lake Walcott and Milner Lake intervening between these stations, and being maintained at varying levels, it is very difficult to determine correct time intervals and to facilitate computations the use of the one-day interval between these stations has been continued during 1931 as in the past.

Storage released under the Twin Lakes heading was credited to the Utah-Idaho Sugar Company for diversion through the Osgood canal. The segregation of flow between stored and normal at the various river stations was computed as in past years by taking the daily reservoir drop at Jackson Lake, averaged oftentimes for several days to eliminate wind effect, as stored water passing Moran. Starting with this amount of storage at Moran the 1931 schedule of transmission losses was applied in the different river sections as far downstream as the Blackfoot bridge station. Upper valley storage diversions were all charged with the full loss to Woodville but no loss below that point as provided by their contracts with the United States. Jackson Lake storage diversions by Henrys Fork canals are listed in the Heise-Woodville section on the same basis as in past years of maintaining sufficient Jackson Lake storage in this section to compensate Snake River users for the normal flow diverted by Henrys Lake users in lieu of such storage. Minus signs on these tabulations indicate normal flow being stored in Jackson Lake. It is obviously impossible to accurately estimate requirements for release at Jackson Lake two or three days ahead of time needed to maintain exact balances at Blackfoot bridge and early in the season natural flow rights were permitted to divert

some Jackson Lake storage which was later repaid by intermittent natural flow waste past Blackfoot bridge. This method resulted in a greater percentage loss from Blackfoot bridge to Cloughs than would occur with large volumes of storage being carried, and to protect the rights of the owners below American Falls of the 3,400 second-foot right of October 11, 1900 the minimum normal flow at Cloughs was taken as 130 second-feet representing the amount that a study of past records indicated would be available for 1931 conditions if the river was kept continuously dry below Blackfoot bridge. Whenever priorities were cut below October 11, 1900 the normal flow at Cloughs was taken as 130 second-feet to which amount was added any normal flow in the Blackfoot river and the balance above this figure at the Clough station was classed as Jackson Lake storage.

The daily normal flow at Neeley up to August 20 was determined by adding 2,750 second-feet to the Clough normal for the preceding day. From August 21-September 30, 2,560 second-feet was added instead of 2,750 second-feet, based upon two sets of inflow measurements made after August 21st.

The daily normals at Neeley were divided among the several canals below that point in accordance with their respective priorities and any amount in excess thereof diverted on any day by any canal was classed as stored water. Under this system of tabulation the draft from Lake Walcott and net gain Neeley to Milner is classed as part of the storage supply for the Minidoka project.

STORED WATER DELIVERIES

Owing to the extreme shortage of water a larger amount of storage was used in 1931 than has ever been the case in previous years. Many canals, especially on Henrys Fork, found it necessary to purchase storage from such sources as were available and the numerous transfers, sales, storage of normal flow and penalty charges on same to furnish water for the Pool Committee, etc. all tend to complicate the matter of showing clearly the storage rights and drafts by the various canals.

Daily storage diversions by the various canals are shown on Plate 14. Minus signs indicate storage of normal flow at Jackson Lake by upper valley canals. The early season credits to lower valley canals for normal flow held at Jackson Lake are shown by days on Plate 15. Explanatory notes on Plate 14 explain the source of most of the quantities listed as reservoir allotments. Due to water credited to the Pool Committee from penalty charges on stored normal flow, from purchases of stored normal flow, etc. all of which was sold by the Committee, the total upper valley storage supply at Jackson Lake does not correspond with the upper valley rights at Jackson Lake when it reaches its peak on June 14, 1931.

Lower valley allotments from American Falls reservoir including transfers from Jackson Lake were as follows in acre-feet:

PROJECT	TOTAL ALLOTMENT	NET ALLOTMENT
IDAHO POWER COMPANY	45,000	
(less transfers to Minidoka & N. S. Canal Co. of 39,940		5,060
MINIDOKA PROJECT		
Am. Falls right, Minidoka Dist.	50,000	
1931 Allotment " " (lease)	36,640	
Burley District	75,000	
Jackson Lake bottom right	223,584	
Stored Normal at Jackson Lake	62,265	
Transfer from Power Co.	13,333	
Draft on Lake Walcott	73,930	
Gain Neeley to Milner	4,800	
Total	534,552	534,552

PROJECT	TOTAL ALLOTMENT	NET ALLOTMENT
MILNER LOW LIFT		
1931 Right	30,670	
" lease less transfer to N. S. Canal Co.	8,000	
Total	38,670	38,670
TWIN FALLS CANAL CO.		
Original right	151,185	
1931 Lease	95,661	
Stored Normal at Jackson Lake	7,050	
Total	253,896	253,896
NORTH SIDE PROJECT		
Hillsdale right	41,146	
Hillsdale lease	26,062	
N.S.Canal Co. old space yield	219,957	
N. S. Canal Co. option	20,000	
N. S. Canal Co., 1931 lease	176,880	
Bottom right Jackson Lake	6,870	
Stored Normal Jackson Lake	36,189	
Am. Falls Dist. surplus	278	
Power Company transfer	26,607	
Blackfoot River storage	12,300	
Transfer from Milner Low Lift	13,678	
Total	579,967	579,967
GOODING		
Actual use	256,930	256,930

Notes: Idaho Power Company transferred 13,333 acre-feet to Minidoka and 26,607 to North Side Canal Company.

Milner Low Lift transferred 13,678 acre-feet of its 1931 lease to the North Side Canal Company.

The amounts available for use under the heading "1931 Lease" have been computed by adding to the amounts specified in exhibit "A" of the lease contract between the Government, the American Falls Reservoir District and the Idaho Power Company a proportionate share of unallotted waters not apportioned when the lease was made plus an additional surplus unused by the Gooding project and additional storage that later passed the Clough station, all totaling 40,531 acre-feet.

In addition to the amounts available from Jackson Lake and American Falls reservoirs the Minidoka project is entitled to the storage released from Lake Walcott and net gain Neeley to Milner.

American Falls allotments were based on April 17 contents which would correspond to April 18 at Lake Walcott. The draft on Lake Walcott, April 18 to September 30, was 73,930 acre-feet which would be the net seasonal draft on this reservoir by the Minidoka project. The net gain Neeley to Milner for the months May to September was 4,800 acre-feet which has all been credited to the Minidoka project as it drew storage practically continuously throughout the season.

The seasonal loss in American Falls reservoir was 16,100 acre-feet. This loss was apportioned, as shown on Plate 14, among the various lower valley storage users in proportion to their diversion of American Falls storage including storage transferred there from Jackson Lake rather than in proportion to storage rights. This was done because the sales of storage between various lower valley users were made on the basis of 12¢ per acre-foot which is supposed to represent the price of the water as alloted in the reservoir. The reservoir loss on water sold at this rate was charged to the purchaser, rather than to the original owner.

Total storage discharged past Milner during the irrigation season was 7,800 acre-feet of which 5,060 acre-feet, August 22-31, was Idaho Power Company storage, leaving 2,740 acre-feet as storage waste. This was apportioned among the various canals diverting at Milner dam in proportion to their total diversions May to September. Adjustments were then made in these Milner waste charges to compensate for 300 acre-feet taken by the North Side Canal and 400 acre-feet taken by the South Side Canal on June 4-5 when a break in the Gooding canal would have resulted in these quantities being otherwise wasted down the river. The charges

shown on Plate 14 are the adjusted figures being 700 greater for the Gooding, 300 less for the North Side and 400 less for the South Side than their actual proportions of the waste based on diversions.

During the season the stored water discharged past Cloughs amounted to 34,200 acre-feet of which 12,300 acre-feet was Blackfoot River storage and 21,900 acre-feet Jackson Lake storage.

POOL COMMITTEE OPERATIONS

The Pool Committee to whom were delegated, by the Committee of Nine, the task of securing enough water to save the late crops under upper valley canals with seriously inadequate supplies, were able to secure water from the following sources:

	Acre-feet	Cost
Penalty charges on Normal Flow storage	15,800	---
Upper Valley share of Gooding Project water (Payment made to Am. Falls R. Dist. # 1)	23,000	$2,760.00
Snake River Valley assigned Government Lease	4,000	1,160.00
Enterprise Irrig. Dist. " " "	5,000	1,410.00
Purchase from J. H. Stone stored normal flow	124	37.20
" " Long Island Canal" " "	440	132.00
" " West Labelle " " "	555	166.50
" " White Canal " " "	55	16.50
" " Danskin " " " "	2,500	750.00
Donated by Woodville Canal stored water	1,000	0.00
Total	52,474	$6,432.20

Additional expenses paid by the Committee were:

W. O. Cotton, services and mileage	207.45
John Lee, " " "	236.24
Jack Fisher, " " "	126.50
John Kelley, " " " including expenses incurred attending meetings of Executive Committee of Am. Falls R. District Board	366.33
Hyrum Severson, expenses attending Executive Committee meetings of Am. Falls R. District Board	125.22
Total expended	$7,493.94

Sales of water by the Committee were made as follows:

	Acre-Feet	Paid
Henrys Fork Canals		
Fall River Canal	1,600	$480.00
Dewey Canal	183	55.00
Independent Canal	390	117.00
Boone Creek Canal	140	42.00
Conant Creek Canal	720	216.00
Chester Canal	1,000	300.00
Salem Union Canal	2,900	870.00
Consolidated Farmers Canal	2,800	840.00
Twin Groves Canal	420	126.00
Marysville Canal	3,400	1,020.00
Farmers Own Canal	1,167	350.00
Last Chance "	300	90.00
Enterprise Irrig. District	570	171.00
Canyon Creek Canal	200	60.00
Siddoway "	500	150.00
Swan Valley Canals		
S. W. Dennis	100	30.00
Robert Fleming	240	72.00
Chas. Fleming	120	36.00
John Miller	240	72.00
T. M. Weeks	300	90.00
Snake River Canals		
Idaho Irrig. District	4,600	1,380.00
Blackfoot Canal	1,000	300.00
Aberdeen-Springfield Canal(7000 Gooding water)	13,000	2,500.00
L. A. Hartert (Kennedy & New Sweden Canals)	300	90.00
Cheney Ditch	177	53.00
Mattson-Craig Ditch	300	90.00
Arnsberger Ditch	70	21.00
M. E. Holt (Nelson ditch)	100	30.00
O. S. Lee (Progressive Dist.)	100	30.00
Butte & Market Lake Canal (2000 Gooding water)	4,000	800.00
Consolidated Feeder	1,017	305.00
Herbert Austin (Kennedy ditch)	100	30.00
Harrison Canal Co. (3,500 Gooding water)	5,000	800.00
Peoples Canal Co. (3,000 " ")	4,000	600.00
H. Kellar (New Sweden Dist.)	17	5.00
Lowder Canal Co.	500	150.00
Total	51,571	$12,371.00
Amount expended		7,493.94
Balance from Committee operations		$4,877.06

Of the balance above shown, $863.09 had been used up to January 1,.1932 to pay various expenses connected with operations of District No. 36 and $4,013.97 remained on hand January 1, 1932,

including $270.00 due from the Marysville Canal Company to apply towards the expenses for 1932. The slight excess of water accumulated by the Committee over the amount sold is due to penalty charges on stored normal flow late in the season and inability to get this water out of Jackson Lake late in the season on account of inadequate outlet capacity.

RIVER LOSSES AND GAINS

Losses and gains between river stations are shown by monthly averages using the time interval between stations shown on page 21.

GAIN IN SNAKE RIVER
MORAN TO HEISE STATIONS, 1931
(Heise dates & 24-hr. sec.ft.)

Station	May	June	July	Aug.	Sept.	Total Period
Moran	44,420	77,869	163,980	89,110	29,330	404,709
Heise	225,590	279,610	245,660	167,390	99,240	1,017,490
Riley ditch	197	613	542	190	58	1,600
Heise+Riley	225,787	280,223	246,202	167,580	99,298	1,019,090
Tot.gain sf.	181,367	202,354	82,222	78,470	69,968	614,381
Mean " sf.	5,850	6,750	2,650	2,530	2,330	4,020
Tot. " af.	360,000	402,000	163,000	156,000	139,000	1,220,000

The gain in this section for the months June to September, inclusive was only 54% of the gain during similar months in 1930, which year was itself only 70% of normal, reflecting the great shortage of supply yielded in 1931 by this, the largest, part of the Snake River drainage area.

GAIN IN SNAKE RIVER
HEISE TO SHELLEY STATIONS, 1931
(Heise dates & 24-hr. Sec.ft.)

Station	May	June	July	Aug.	Sept.	Total Period
Heise+Riley	225,787	280,223	246,202	167,580	99,298	1,019,090
Rexburg	19,081	13,023	11,113	19,196	16,830	79,243
Total Supply	244,868	293,246	257,315	186,776	116,128	1,098,333
Diversions	141,324	200,305	189,236	139,067	86,897	756,729
Net Supply	103,644	92,941	68,079	47,709	29,231	341,604
Shelley	101,860	91,160	72,960	54,276	34,816	354,772
Tot.gain sf.	-1,784	-1,781	4,881	6,567	5,285	13,168
Mean " sf.	-57.5	-59.4	157	212	176	86.1
Tot. " af.	-3,540	-3,530	9,650	13,000	10,500	26,080

The effect of the shortage in run-off passing the Heise station during 1931 was further accentuated by the low ground water inflow between Heise and Shelley. In 1930 this section showed an average gain of 779 second-feet over and above that contributed from Henrys Fork while in 1931 this was reduced to 86 second-feet. During the latter part of the season in 1930 the gain averaged 1,100 second-feet while in 1931 it was only 200 second-feet, a decrease in supply from this source alone of 900 second-feet in addition to the great shortage in supply at Heise where the stream first enters the valley.

LOSS IN SNAKE RIVER
SHELLEY TO BLACKFOOT BRIDGE STATIONS, 1931
(Shelley dates & 24-hr. sec.ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total Period
Shelley	101,090	92,940	72,720	54,736	35,526	357,012
Diversions	66,081	74,916	57,855	42,511	26,970	268,333
Net Supply	35,009	18,024	14,865	12,225	8,556	88,679
Blackfoot B.	27,450	7,263	3,428	2,976	770	41,887
Tot.loss s.f.	7,559	10,761	11,437	9,249	7,786	46,792
Mean " s.f.	244	359	369	298	260	306
Tot. " a.f.	15,000	21,400	22,700	18,300	15,500	92,900

Low ground water levels adjacent to the river and lack of usual surface waste into the stream resulted in an average loss of 306 second-feet in this section of the river compared with 243 second-feet in 1930 when larger discharges were carried. For short intervals during some of the very low water periods in 1931 when no storage was being carried to help share the losses, they exceeded 30% while the average loss for the entire season was 13% compared to 4.6% in 1930.

GAIN IN SNAKE RIVER
BLACKFOOT BRIDGE TO CLOUGH STATION, 1931
(Clough dates & 24-hr. sec.ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total Period
Blackfoot B.	27,450	7,263	3,428	2,976	770	41,887
Blackfoot R.	3,174	157	990	5,194	451	9,966
Tot. Supply	30,624	7,420	4,418	8,170	1,221	51,853
Cloughs	33,478	9,736	6,648	10,968	5,608	66,438
Tot.gain sf.	2,854	2,316	2,230	2,798	4,387	14,585
Mean " sf.	92.1	77.2	71.9	90.3	146	95.3
Tot. " af.	5,660	4,590	4,420	5,560	8,690	28,910

The average gain in this section in 1931 was 95 second-feet. Under the plan of operation followed in 1931, which is based on a study of all past records, the normal flow at Cloughs was taken as 130 second-feet when the river was dry at Blackfoot bridge. There is thus indicated during 1931 an average loss away from the river between these stations of 130 - 95 = 35 second-feet.

LOSS IN SNAKE RIVER
CLOUGH TO NEELEY STATIONS, 1931
(Neeley dates & 24-hr. sec.ft. except when noted)

Station	May	June	July	Aug.	Sept.	Total Period
Cloughs	34,584	9,901	6,510	11,130	5,510	67,635
Released from Am.Falls R.	182,117	187,003	224,018	138,457	12,634	744,229
Assumed natural inflow*	85,250	82,500	85,250	83,160	76,800	412,960
Total Supply	301,951	279,404	315,778	232,747	94,944	1,224,824
Neeley	298,210	276,890	311,650	230,860	99,120	1,216,730
Tot.Loss sf.	3,741	2,514	4,128	1,887	-4,176	8,084
Mean " sf.	121	83.8	133	60.9	-139	52.8
Tot. " af.	7,440	4,990	8,180	3,740	-8,270	16,100

*2,750 second-feet May 1st to August 20th; 2,560 second-feet August 21st-September 30th.

This section includes the American Falls Reservoir. As has been previously noted the normal flow was taken by agreement at the beginning of the season as 2,750 second-feet. About the middle of August, 1931 the use of this figure was resulting in a continually increasing rate of reservoir loss which seemed unreasonable in view of the rapidly decreasing reservoir stage. At this time the lower valley Committee of Three authorized further inflow measurements, two sets of which were made with the following results.

1931 SURFACE INFLOW TO AMERICAN FALLS RESERVOIR AT NEWELL
1927-1928 STATIONS IN SECOND-FEET

Stream		Date 1931	Disch.	Date 1931	Disch.
Big Jimmy Creek		Aug. 21	32.7	Sept. 10	29.4
Big Spring	"	" 21	433.	" 10	449.
Kinney	"	" 21	31.	" 10	30.9
Ford	"	" 21	8.2	" 10	7.0
Clear	"	" 21	129.	" 10	133.
Pyle Springs	"	" 22	13.2	" 10	12.4
Coumerhill Ditch		" 22	0	" 10	0
McTucker Springs		" 22	25.4	" 10	22.5
Hull Springs		" 23	7.4	" 10	6.6
Tanner		" 23	0.4	" 10	1.0
Crystal Ditch		" 23	21.4	" 11	17.3
Crystal Waste		" 23	9.3	" 11	6.4
Danielson Ditch		" 23	0	" 11	0
Danielson Springs		" 23	43.1	" 11	39.3
Sterling Creek		" 23	1.2	" 11	1.5
Artesian	"	" 23	1.1	" 11	2.7
Colburn	"	" 23	0.4	" 11	0
Aberdeen	"	" 23	5.2	" 11	2.9
Tartar	"	" 23	3.1	" 11	2.9
Shiltz	"	" 23	0.4	" 11	0
Cedar	"	" 23	0.2	" 11	0
Ross Fork		" 24	52.7	" 9	45.1
Triple Creek		" 24	4.8	" 9	1.9
Portneuf River		" 24	371	" 9	348
Wide Creek		" 24	58.6	" 9	55.1
Bannock Creek		" 24	0.6	" 9	0.4
Ruegar Springs		" 24	19.8	" 9	18.9
Total measured surface flow at Newell stations			1,271.2		1,234.2
Unmeasured flow = 840 + 1/3 surface flow			1,264.		1,251.
Total inflow Clough to Neeley by Newell formula			2,535		2,485

The formula for unmeasured inflow is that proposed by Mr. Newell as the result of his 1927-1928 investigations. A comparison of the flow of individual streams in 1931 with that of 1927-1928 reveals that the greatest decrease occurred on streams that are partly supplied by surface run-off or from which water is diverted for irrigation, a considerable part of the 1931 shortage being in the Portneuf River.

As the unmeasured inflow probably is largely supplied from deep seated sources it might be less reduced than would be indicated from the formula 840 + 1/3 surface flow. After carefully considering this question 2,560 second-feet was adopted by the watermaster as the gain Clough to Neeley beginning August 21, 1931 the date agreed upon by the Committee as the date when the figure might be modified upon the basis of new inflow measurements.

The use of this figure after August 21 resulted in a reservoir gain no doubt due to return bank storage resulting from heavy and rapid drawdown of the reservoir. As a matter of interest and information to the water users concerned in the proper segregation of normal flow and storage at American Falls, the following tabulation of evaporation losses from the reservoir during 1931 has been prepared, based upon observed monthly evaporation rates as determined by Newell in 1927-1928.

Month 1931	Mean area Flooded acres	Mo. Evap. Loss Average Newell 1927-28 records ft.	Precip. at Pocatello 1931 - ft.	Net Loss Feet	Ac.ft.
May	50,000	.44	.03	.41	20,500
June	41,700	.56	.01	.55	22,900
July	29,900	.67	.05	.62	18,500
Aug.	20,000	.57	.05	.52	10,400
Sept.	8,800	.37	.09	.28	2,500
Season		2.61	.23	2.38	74,800

It is apparent from this table that 74,800 acre-feet of water was lost during 1931 by evaporation from the surface of American Falls reservoir. The seasonal loss charged to reservoir owners by inflow--outflow measurements was 16,100 acre-feet or only 21.5% of the amount lost by evaporation.

This comparison is not so inconsistent, however, as might casually appear for two reasons:

1st. The return bank storage as the reservoir is drawn down, largely and at times entirely , offsets evaporation losses. In calculating losses by inflow-outflow methods only the water actually impounded in the reservoir is considered. Actually when the reservoir is filling considerable water is stored in the adjacent gravels and soils. This only becomes available as the reservoir is drawn down but at such times it should be credited to the reservoir owners to the same extent as if it had been actually stored in the open reservoir area.

2nd. Classification of the lands flooded by the reservoir shows that 8,000 acres were sage brush lands and 48,000 acres were grouped as swampy, irrigated, wild hay and pasture lands, water areas, etc. The vegetation growing on the latter group of lands, comprising most of the reservoir area, probably consumed an average of from 1.5 to 1.75 feet depth of water per season over the area. Such areas as were previously covered by stream channels, swamps, heavy vegetation, etc. consumed just as much water as they now lose by evaporation when flooded. Obviously the only loss chargeable to the reservoir is the amount by which it increased the previously existing losses from transpiration and evaporation in the reservoir basin.

All these various uncertainties render it practically impossible to accurately determine the exact loss resulting from the reservoir construction and operation but considering the problem as a whole it is felt that the inflow as used for 1931 between Cloughs and Neeley which resulted in a reservoir loss of 16,100 acre-feet during the season, was fairly equitable to all parties concerned. During future years of

operation, at least in short water years, it will no doubt prove advisable to make inflow determinations from time to time during the season as a guide in determining the figure to be used as natural flow gain between Cloughs and Neeley.

LOSS IN SNAKE RIVER
NEELEY TO MINIDOKA STATIONS, 1931
(Minidoka dates & 24-hr. sec.ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total Period
Neeley	298,050	276,380	312,070	232,820	104,530	1,223,850
Released from Lake Walcott	-1,543	2,188	-1,946	30,124	9,508	38,331
Net Supply	296,507	278,568	310,124	262,944	114,038	1,262,181
N.Minidoka C.	40,400	44,090	48,780	28,350	8,604	170,224
S.Minidoka C.	31,757	34,200	35,640	26,988	14,789	143,374
Minidoka Sta.	220,000	190,840	217,050	210,920	90,680	929,490
Total Use	292,157	269,130	301,470	266,258	114,073	1,243,088
Tot.Loss sf.	4,350	9,438	8,654	-3,314	-35	19,093
Mean " sf.	140	315	279	-107	-1.17	125
Tot.Loss af.	8,610	18,700	17,200	-6,580	-70	37,900

Probably due to warm weather, deficient precipitation, lessened inflow from stream and springs below Neeley and lowered adjacent ground water levels this section showed somewhat greater loss during May, June and July than occurred in 1930. The rapid drawdown of Lake Walcott during August, however, resulted in a substantial gain for that month and continued drawdown in September resulted in a slight gain for that month also.

GAIN IN SNAKE RIVER
MINIDOKA TO MILNER STATIONS, 1931
(Milner dates & 24-hr. sec.ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total Period
Minidoka Sta.	218,910	191,210	216,560	211,210	95,880	933,770
P. A. Lateral	1,851	1,586	1,910	1,914	872	8,133
North Milner	92,360	75,490	74,970	54,856	17,047	314,733
Gooding	27,064	24,047	35,625	48,470	21,653	156,859
South Milner	98,080	90,620	103,670	102,150	58,410	452,930
Milner L. Lift	3,858	3,735	4,890	4,087	1,876	18,446
Snake at Milner	400	337	319	2,757	334	4,147
Total Use	223,613	195,815	221,384	214,244	100,192	955,248
Tot.Gain sf.	4,703	4,605	4,824	3,034	4,312	21,478
Mean " sf.	152	154	156	97.9	144	140
Tot. " af.	9,360	9,160	9,590	6,020	8,570	42,700

The gain in this section during May, June and July was about the same as during 1930. Decreased diversions to the Minidoka project, however, during August and September together with increased pumping on that project from drains, resulted in gains during those months below what occurred in 1930 and previous years. The net gain from Neeley to Milner for the entire 1931 season averaged only 15 second-feet, the lowest for any year except 1927, and except for the ground storage made available by drawing down Lake Walcott, a seasonal loss would have resulted.

DISTRIBUTION ON HENRY'S FORK

Water distribution on Henrys Fork and tributaries was in immediate charge of Melvin Luke with headquarters at St. Anthony, Idaho.

The water supply in this area for a few days early in the season was insufficient to fill priorities to as late a date as were being filled on Snake River. Later as priorities were cut, a considerable volume of water amounting during the season to about 70,000 acre-feet was carried past St. Anthony to fill earlier priorities on Snake River in addition to delivering 36,260 acre-feet of Jackson Lake storage to Henrys Fork canals.

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

	May	10	Cut to 50% Feb. 5, 1902 rights
	"	12	Cut to June 1, 1896
	"	13	Restored 1900 rights
After	"	14	Same schedule as given for Snake River page 10.

Rights on Teton River were cut at all times to earlier priorities than were in force on the river or Henry's Fork. Teton river regulation was in accordance with the following schedule:

May	10	Filled	50% of June 1, 1885 rights
"	13	"	all of 1885 rights
"	14	"	1896 "
"	15	"	50% of 1898 "
"	19	Cut to	1889 rights
"	20	" "	50% of June 1, 1885 rights
"	22	" "	May 31, 1885 rights
"	25	Filled	June 1, 1885 "
"	29	"	1889 rights
"	30	Cut to	1886 "
"	31	Filled	50% of June 1, 1885 rights
June	1	Filled	rights prior to 1888
"	2	"	" " " 1898
"	3	"	25% of 1898 rights
"	4	"	50% " 1898 "
"	8	"	10% " 1898 "
"	9	Cut	Oct. 2, 1889 "
"	10	"	June 1, 1889 "
"	12	"	June 1, 1885 "
"	13	"	off 40% of 1885 rights
"	14	"	" 30% of 1885 "
"	15	"	" 10% " 1885 "
"	16	"	" 40% " 1885 "
"	17	"	" 50% " 1885 "
"	18	"	" 60% " 1885 "
"	22	"	" 90% " 1885 "
"	23	"	" 95% " 1885 "
"	25	"	" May 31, 1885 "
"	26	"	to June 1, 1884 "
"	27	"	off 25% of June 1, 1884 rights
July	1	Filled	40% of June 1, 1884 rights
"	2	"	50% " June 1, 1884 "
"	5	"	60% " June 1, 1884 "
"	12	"	75% " June 1, 1884 "
"	13	"	60% " June 1, 1884 "
"	15	"	75% " June 1, 1884 "
"	31	"	60% " June 1, 1884 "
Aug.	1	"	60% " June 1, 1884 "
"	4	"	25% " June 1, 1884 "
"	15	"	50% " June 1, 1884 "
"	16	"	40% " June 1, 1884 "
"	17	"	35% " June 1, 1884 "
"	20	"	30% " June 1, 1884 "
"	22	"	25% " June 1, 1884 "
"	24	"	20% " June 1, 1884 "
"	26	"	10% " June 1, 1884 "
"	26	"	May 22, 1884 rights to end of season. After the last of August a small domestic water stream was allowed to flow in canals whose rights had entirely expired.

Daily diversions by the various canals are shown on Plates 16 to 20, inclusive.

Plate 22 shows storage diversions, both Jackson Lake and Henry's Lake, by North Fork canals. There were many purchases of storage, trades of normal flow for storage, etc. as shown by the explanatory notes on this plate. The Henry's Lake storage was originally allotted on the basis of 18,528 acre-feet in the reservoir on June 10 according to the reservoir capacity tables. As the season advanced, however, it became apparent that the reservoir would not yield this amount, and actually 4,300 acre-feet remained in the reservoir after August 12 that could not be withdrawn. The capacity tables which were prepared by D. G. Martin from his reservoir surveys had evidently been based on the assumption that the old outlet channel between the original lake and the dam would be dredged out so that the lake could be lowered to the river level at the dam but this has never been done.

The final allotments of Henry's Lake storage as shown on Plate 22 were made by subtracting 4,300 acre-feet from the maximum contents of 18,528 acre-feet on June 10 and allotting the available balance of 14,228 acre-feet in accordance with percentage ownership in the reservoir which is as follows:

Canal		Acre-feet
Marysville	4.10%	583
Dewey	3.06%	435
Last Chance	8.14%	1,158
St. Anthony Union	6.8%	968
Salem Union	24.2%	3,443
Egin	6.8%	968
Independent	26.8%	3,813
Consolidated Farmers	20.1%	2,860
Total	100.00%	14,228

Plate 21 is a segregation of flow between stored and normal at the various gaging stations on Henrys Fork. The normal flow at the Lake station was determined from occasional measurements of inflow to the Lake, the balance at the Lake station above such amounts being classed as stored water. Transmission losses on stored water were charged as follows: 1.5% Lake to Warm River; 0.5% Warm River to Ashton, none below Ashton. This arbitrary schedule has been in effect for a number of years and although it is based upon no actual investigation it has apparently been satisfactory to the various interested parties. Minus quantities shown in the last column on Plate 21 represent normal flow retained by Henry's Fork canals in exchange for which Jackson Lake storage of similar volume was carried down Snake River for delivery to canals who were entitled to the normal flow that should have come down Henry's Fork to Snake River.

The following tabulation of irrigated areas in the Henry's Fork region is similar to that previously shown for the main Snake River. Irrigated acreages were those reported by officers of the various canal companies or in the case of some of the small canals were secured from other sources.

TABLE SHOWING SEASON DIVERSIONS & IRRIGATED ACREAGES
HENRY'S FORK CANALS - 1931
(Diversions May to September, 1931)

Name of Canal	Acre-feet	Acreage Under Canal	Acreage Irrig. 1931	Divers. Ac.ft. per acre
FALL RIVER CANALS				
Yellowstone	0	5,000	0	0
Harrigfeld	498	8,000	400	1.2
Marysville	10,700	14,000	6,000	1.8
Farmers Own	2,680	10,000	1,200	2.2
Almy	52	60	60	0.6
Enterprise	22,200	7,280	7,010	3.2
Bell	543	120	120	4.5
Fall River Canal	50,700	8,000	8,000	6.3
McBee	400	240	240	1.7
Chester	5,300	2,200	1,200	4.4

Name of Canal	Acre-feet	Acreage Under Canal	Acreage Irrig. 1931	Divers. Ac.ft. per acre
FALL RIVER CANALS				
Silkey	1,430	497	200	7.2
Curr & White	9,590	1,515	1,515	6.3
Total Fall River	104,093	56,912	25,945	4.0
HENRY'S FORK CANALS				
Dewey	1,890	1,200	1,200	1.6
Last Chance	6,200	2,268	2,200	2.8
St. Anthony Union	120,000	10,000	10,000	12.0
Farmers Friend	8,290	2,900	2,900	2.9
Twin Groves	13,000	2,300	2,300	5.6
Salem Union	28,500	5,500	5,500	5.2
Egin	74,300	8,190	8,000	9.3
St. Anthony U. Feeder	23,200	2,500	2,500	9.3
Independent	26,900	5,000	5,000	5.4
Consolidated Farmers	30,400	6,000	6,000	5.1
TOTAL HENRY'S FORK	332,680	45,858	45,600	7.3
TETON RIVER CANALS				
Siddoway	1,820	700	671	2.7
Wilford	15,600	2,000	2,000	7.8
Teton Irrigation	10,800	2,000	2,000	5.4
Good Luck	2,760	328	328	8.4
Pioneer	3,720	375	375	9.9
Stewart	2,660	480	440	6.0
Pincock-Byington	2,580	260	260	9.9
Pincock-Garner	3,820	580	400	9.6
Teton Island Feeder	53,600	10,643	9,580	5.6
North Salem	64	400	400	0.2
Roxana	2,450	1,000	250	9.8
Island Ward	771	3,000	3,000	0.3
Woodmansee-Johnson	3,220	1,100	500	6.4
City of Rexburg	8,560	825	825	10.4
Rexburg Irrigation	39,200	7,500	4,000	9.8
McCormick-Rowe	726	160	160	4.5
Total Teton River	152,351	31,351	25,189	6.0
Total Fall River, H. Fork & Teton River	589,124	134,121	96,734	6.1

On most of the canals serious shortages in supply occurred during the latter part of the season although diversions at maximum rates early in the season, in many instances, resulted in a seasonal total that does not reflect the shortage that actually occurred after July 1st.

RIVER LOSSES AND GAINS IN HENRY'S FORK BASIN

The following tabulation shows losses and gains by months in various river sections on Henry's Fork and tributaries. The time intervals used are the same used in preparing Plate 21, namely:

Lake to Warm River	2 days
Warm River to Ashton	1 day
Ashton to St. Anthony	0
St. Anthony to Rexburg	1 "
Squirrel to Chester	1 "
Tetonia to St. Anthony	1 "

GAIN IN HENRY'S FORK LAKE TO WARM RIVER - 1931
(Warm River dates & 24-hr. Sec.ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total Period
H. Fork nr.Lake	280	3,927	4,137	505	376	9,225
H. Fork nr. W.R.	26,279	24,981	25,438	21,412	19,740	117,850
Tot.Gain sf.	25,999	21,054	21,301	20,907	19,364	108,625
Mean " sf.	839	702	687	674	645	710
Tot. " af.	51,600	41,800	42,200	41,400	38,400	215,400

GAIN IN HENRY'S FORK, WARM RIVER TO ASHTON STATIONS, 1931
(Warm River dates & 24-hr. sec.ft. except as noted)

H. Fork nr. W.R.	26,279	24,981	25,438	21,412	19,740	117,850
Warm River	5,761	5,187	5,241	5,273	5,052	26,514
Robinson Cre.	3,774	1,657	1,214	1,217	1,177	9,039
Tot. Supply	35,814	31,825	31,893	27,902	25,969	153,403
H. Fork Ashton	37,110	32,764	32,137	28,397	27,306	157,714
Tot. Gain sf.	1,296	939	244	495	1,337	4,311
Mean " sf.	41.8	31.3	7.9	16.0	44.6	28.2
Tot. " af.	2,570	1,860	486	984	2,650	8,550

GAIN IN FALL RIVER, SQUIRREL TO CHESTER STATIONS, 1931
(Squirrel dates & 24-hr. Sec.ft. except as noted)

Squirrel	44,310	20,860	9,253	10,107	9,440	93,990
Diversions	16,761	15,419	7,254	5,299	2,130	46,863
Balance	27,549	5,461	1,999	4,808	7,310	47,127
Chester	34,353	9,061	3,271	5,419	7,394	59,498
Tot.Gain sf.	6,804	3,600	1,272	611	84	12,371
Mean " sf.	219	120	41.0	19.7	2.8	80.9
Tot. " af.	13,500	7,140	2,520	1,210	167	24,537

LOSS IN HENRY'S FORK, ASHTON TO ST. ANTHONY STATION - 1931
(24-hr. sec.ft. except as noted)

Station	May	June	July	Aug.	Sept.	Total Period
H. Fork nr.Ashton	37,520	32,664	32,301	28,466	27,314	158,265
Fall R. " Chester	34,060	10,224	3,103	5,326	7,460	60,173
Total	71,580	42,888	35,404	33,792	34,774	218,438
Diversions	28,744	22,882	16,542	11,123	10,518	89,809
Balance	42,836	20,006	18,862	22,669	24,256	128,629
H.F. St.Anthony	39,883	20,538	18,539	22,764	23,509	125,233
Tot.Loss sf.	2,953	-532	323	-95	747	3,396
Mean " sf.	95.3	-17.7	10.4	-3.1	24.9	22.2
Tot. " af.	5,860	-1,050	640	-188	1,480	6,742

GAIN IN TETON RIVER, TETONIA TO ST. ANTHONY STATIONS - 1931
(St. Anthony dates & 24-hr. sec.ft. except as noted)

Tetonia	5,591	6,766	7,145	6,920	5,442	31,864
St. Anthony	24,053	20,893	13,644	13,166	10,878	82,634
Tot. Gain sf.	18,462	14,127	6,499	6,246	5,436	50,770
Mean " sf.	596	471	210	201	181	332
Tot. " af.	36,600	28,000	12,900	12,400	10,800	100,700

LOSS IN TETON RIVER, ST. ANTHONY TO LOWEST DIVERSION - 1931
(St. Anthony dates & 24-hr. sec.ft. except as noted)

St. Anthony	24,053	20,893	13,644	13,166	10,878	82,634
Diversions	25,594	20,549	11,014	10,825	8,885	76,867
Tot. Loss sf.	-1,541	344	2,630	2,341	1,993	5,767
Mean " sf.	-49.7	11.5	84.8	75.5	66.4	37.7
Tot. " af.	-3,060	684	5,210	4,640	3,950	11,424

The flow of Teton River was all utilized by Teton River canals during 1931, none except seepage water reaching Henry's Fork during the irrigation season.

GAIN IN HENRY'S FORK, ST. ANTHONY TO REXBURG STATIONS, 1931
(St. Anthony dates & 24-hr. sec.ft. except as noted)

St. Anthony	39,883	20,538	18,539	22,764	23,509	125,233
Diversions	27,708	18,752	13,605	8,818	9,135	78,018
Balance	12,175	1,786	4,934	13,946	14,374	47,215
Rexburg	19,234	12,902	11,474	19,131	16,790	79,531
Tot. Gain sf.	7,059	11,116	6,540	5,185	2,416	32,316
Mean " sf.	228	371	211	167	80.5	211
Tot. " af.	14,000	22,100	13,000	10,300	4,790	64,190

If these tabulations are compared with those in the 1930 report, it will be observed that the gain in the various river sections was much less in 1931 than in 1930. The depleted groundwater levels that existed west of Rexburg in 1931 were reflected in the average gain of only 211 second-feet in Henry's Fork between St. Anthony and Rexburg stations compared to 456 second-feet during 1930. The minimum flow at the Rexbur station in 1931 dropped to 247 second-feet compared with the previous recorded minimum of 355 second-feet that occurred in 1919.

REGULATION IN TETON BASIN

The short supply on Teton River resulted in a request from users in the vicinity of Rexburg for regulation in Teton basin which was undertaken on July 9 under the provisions of the order of the Commissioner of Reclamation which had previously created a separate District 36 C in Teton basin. This action was viewed with alarm by Teton basin users but an agreement was finally reached with them whereby their canals were all closed down for about 10 days to determine how much water would reach Teton river if allowed to flow down the various dry channels of its tributary creeks from whence it had previously all been diverted. After this test, several of the canals, principally the String canal, undertook to deliver to Teton river about one-half of the amount available at their headings retaining the balance, less canal loss, for their own use. This action apparently furnished as much water to the lower Teton river users as if the upper canals had been cut dry and the water allowed to flow down the creeks sustaining the large losses that occur in these channels.

The following measurements of inflow and outflow from Teton basin were made during the season and are here recorded as a matter of information:

TABLE SHOWING INFLOW & OUTFLOW FROM TETON BASIN
1931 in second-feet

Stream	July 9	Aug. 12	Sept. 12
North Leigh Creek above diversions	12.5	5.0	5.0
South Leigh Creek 1 mile above Idaho-Wyoming line	11.2	4.0	5.5
Dry Creek	1.0	0	0
Grand Teton Creek at Idaho-Wyoming line incl. Idaho diversions	22.4	4.0	4.0*
Spring Creek nr. Pratt	3.0	0.5	0.5
Darbey Creek ½ mi. above Ida.-Wyo. line	23.9	9.0	10.2
Fox Creek at Idaho-Wyo. line	10.7	5.0	4.3
Game Creek, 100 yards above bridge near Victor	18.0	9.0	8.6
Trail Creek 100 yds. above head of String canal	57.1	36.6	36.6
Badger Creek	2.0	1.4	1.2
Small Creek west of Victor	1.0	1.0	1.0
Total Measured Inflow	162.8	77.5	76.9
Teton R. SW from Driggs	184	---	---
Teton R. nr. Tetonia Sta.	237	209	163
Gain from Idaho-Wyo. line to Tetonia Sta.	74.2	131.5	86.1

*17.5 second-feet in canyon 10 miles above Idaho-Wyoming line.

In considering the results shown by the above tabulation, attention is directed to the fact that the inflow measurements were made approximately on the Idaho-Wyoming line and that there may be appreciable ground water flow entering the valley at that point coming from creek losses further upstream, from deep percolation on lands irrigated in Wyoming and from a general ground water inflow to the valley from the mountains at its head in addition to the surface flow of the streams. The measurement on Grand Teton Creek on September 12 showed 17.5 second-feet in the canyon 10 miles above the Ida.-Wyo. line, while only 4 second-feet was flowing at the Ida.-Wyo. state line. No doubt a similar situation may exist on some of the other streams.

DISTRIBUTION IN SWAN VALLEY

Wm. Baker was appointed as Deputy Watermaster in the Swan Valley section upon the request of the local water users. His salary, as in past years, was fixed and paid directly by the interested water users. Copies of regulation orders on priorities being filled were mailed to him from time to time, and while this resulted in short delays in making cuts, the amount of water so involved was inconsequential. As has previously been noted, the Pool Committee sold 1,000 acre-feet and the Government 240 acre-feet of storage to Swan Valley users. These sales were of considerable benefit in making the second crop of hay in Swan Valley and the water in large part returned to the river as ground water inflow and was available for reuse later in the season by canals below Heise.

CLIMATOLOGICAL DATA

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

	Snake R.Wyo.		Moran, Wyo.		Irwin, Ida.		Ashton, Ida.	
Month	Act.	Norm.	Act.	Norm.	Act.	Norm.	Act.	Norm.
Oct., 1930	2.89	2.21	3.48	1.82	2.40	1.33	1.49	1.29
Nov.	2.01	2.84	.94	1.59	.37	1.11	1.30	1.26
Dec.	0.56	2.86	.43	1.80	.70	1.13	1.00	1.57
Jan., 1931	1.00	4.46	.63	2.44	1.24	1.39	.63	1.82
Feb.	1.26	2.76	.54	2.15	.37	1.07	.70	1.37
Mar.	4.01	3.08	1.50	2.08	.53	1.14	.20	1.12
April	1.35	2.08	1.76	1.72	.56	.93	.20	1.17
Tot.Oct.-Apr.inc.	13.08	20.29	9.28	13.60	6.17	8.10	5.72	9.60
May	2.00	2.41	1.62	1.82	1.31	1.71	.52	1.90
June	2.47	2.31	.73	1.72	.32	1.24	1.22	1.38
July	.86	1.56	.90	1.30	1.22	.97	.26	.67
Aug.	1.42	1.48	2.06	1.29	.55	.92	.63	.67
Sept.	1.40	1.74	1.45	1.92	.70	1.24	.91	1.16
Tot.May-Sept.inc.	8.17	9.52	6.76	8.05	4.10	6.08	3.56	6.00
Year	21.25	29.81	16.04	21.65	10.27	14.18	9.28	15.60

Month	Idaho Falls Act.	Norm.	Blackfoot Act.	Norm.	Pocatello Act.	Norm.	Twin Falls Act.	Norm.	Mean 8 Stations Act.	Norm.
Oct., 1930	1.73	1.11	1.93	1.10	1.65	1.16	1.07	.92	2.08	1.37
Nov.	.80	.86	.43	.79	.97	.89	.73	1.12	.94	1.31
Dec.	.60	1.12	.93	.86	1.22	1.21	.17	1.04	.70	1.45
Jan., 1931	1.03	1.33	.70	.98	.52	1.39	.22	1.17	.77	1.87
Feb.	.54	1.03	.67	.79	.42	1.27	.82	.95	.66	1.42
Mar.	.63	1.18	.74	.84	.87	1.37	.63	.87	1.14	1.46
April	.79	.98	.79	.92	.88	1.43	.82	.99	.89	1.28
Tot.Oct.-Apr.inc.	6.12	7.61	6.19	6.28	6.53	8.72	4.46	7.06	7.18	10.16
May	.54	1.41	.80	1.35	.36	1.52	.05	1.08	.90	1.65
June	.10	1.19	.38	.84	.09	1.09	0	.85	.66	1.33
July	.47	.61	1.42	.72	.62	.77	.08	.38	.73	.90
Aug.	.35	.67	.20	.65	.54	.71	.04	.26	.73	.83
Sept.	.66	.87	1.39	.86	1.11	.81	.31	.63	.99	1.16
Tot.May-Sept.inc.	2.12	4.75	4.19	4.42	2.72	4.90	.48	3.20	4.01	5.87
Year	8.24	12.36	10.38	10.70	9.25	13.62	4.94	10.26	11.19	16.03

For the seven months October to April, inclusive the precipitation at Snake River, Wyoming was 65% of normal, at Moran, Wyoming 68% of normal, at Ashton 59% of normal and the average for all of the eight stations listed, during the above period, was 71% of normal. For the entire year the actual average precipitation at the eight stations was 70% of normal. The precipitation during October was above normal due to heavy rains but for the 11 months following October, 1930 the average precipitation on the watershed was below normal each month.

Weather conditions throughout the season were generally rather unfavorable for crops, even where water supplies were adequate. Deficient precipitation and drying winds occurred during the forepart of the season while long continued hot weather during the latter part of July reacted unfavorably on certain crops especially potatoes. Mean temperatures were above normal during each of the six months April to September, inclusive, probably due to absence of normal amounts of precipitation.

NEW CONSTHUCTION AND REPAIRS

A new gage well and shelter was installed on Henry's Fork at St. Anthony, replacing an old temporary installation at that point. Concrete deadmen were installed at the Tetonia and Clough stations. The gage wells at the Woodville station and Clough station were lowered to accommodate the low stages occuring in 1931.

EXPENDITURES

A summary follows of expenditures during the calendar year ending December 31, 1931:

EXPENDITURES FOR WATER DISTRIBUTION AND HYDROMETRIC WORK

Year ending December 31, 1931

Watermaster			
Lynn Crandall	Salary	3 mos. @ $4400 per annum)	$4700.00
		9 mos. @ $4800 " ")	
Hydrographers			
H. S. Kollenborn	"	5.84 mos. @ $250 per mo.	1458.33
W. V. Iorns	"	1 mo. @ $200 " ")	1716.62
		7 mos. @ $216.66 " ")	
L. W. Beam	"	3.17 mos. @ $160 " "	506.66
Deputy Water Masters			
Melvin Luke	"	5.6 mos. @ $190 " "	1061.99
G. H. Powell	"	100 days @ $8.00 " day	800.00
Clyde Anderson	"	153 " " $7.50 " "	1147.50
W. J. Kremer	"	142 " " $7.50 " "	1065.00
H. M. Bramwell	"	137 " " $7.25 " "	993.25
F. W. Tolles	"	138½ " " $7.25 " "	1004.12
L. E. Bingham	"	167.4" " $7.00 " "	1172.00
W. N. McConnel	"	4 mos. @ $50.00 " mo.	200.00
R. O. Meikle	"	29.75 days @ $4.00" day	119.00
Clerks			
Helen George	"	12 mos. @ $145.00 " mo.	1740.00
Ramona Brown		2.7 " " $ 40.00 " "	108.00

Miscellaneous

Gage readers	
Construction and repairs, exclusive of salaries	$1177.04
Telephone and telegraph	796.91
Supplies and equipment	564.69
Transportation 28,817 miles at 7¢ per mile	1106.78
Travelling and miscellaneous expenses of engineers	2017.19
Interest on borrowed money	525.51
Insurance and bond premium	63.04
Special guards on headgates	52.33
	66.50
Total	$24,162.46

EXPENDITURES FROM VARIOUS FUNDS

Normal Flow Users	$9,766.37
Jackson Lake & American Falls Stored Water Users	5,934.82
Storage sales by Pool Committee	863.09
North Fork Reservoir Company	457.00
Utah-Idaho Sugar Company	41.25
State of Idaho Stream Measurement Fund	2,384.33
U. S. Geological Survey	4,715.60
Total	$24,162.46

FUNDS ON HAND JANUARY 1, 1932

Storage Sales account on hand		$3,743.97
Storage Sales due from Marysville Canal		270.00
State of Idaho		1,365.68
U. S. Geological Survey		2,368.86
Normal Flow Fund on hand	deficit	-1,240.80
Normal Flow Fund due from Bonneville County		1,325.62
North Fork Reservoir Company		35.50
Utah-Idaho Sugar Company		15.00
Sheppard & Company		8.86
	Total	$7,893.29

WATER RIGHTS

Several transfers of rights were made during the year and summary decrees were secured by the Martin Canal Company and Milner Low Lift Irrigation District. All important irrigation rights are tabulated, both by canals and in order of priority, on the following pages. No attempt has been made in these tables to list rights on various tributaries of Snake River above Heise nor rights on various tributary creeks in the Henry's Fork basin. Anyone interested in such rights can find them listed in the so-called Rexburg decree.

SNAKE RIVER RIGHTS

(Listed in order downstream from Heise Gaging Station)

PARTY OR CANAL	Date	DECREE Amount in Sec.Ft.	Older
1. Riley	June 1, 1902	24	0
	Jan. 22, 1916	12	24
	Total	36	
2. Anderson, Eagle Rock & Willow Creek	Aug. 1, 1880	160	0
	Apr. 13, 1884	340	160
	Apr. 15, 1889	300	500
	Jan. 22, 1916	300	800
	Total	1100	
3. Farmers Friend			
(Butler Island)	June 1, 1885	2.83	0
(Long ")	June 1, 1887	13.18	2.83
	Jan. 18, 1888	300	16.01
(Long Island)	June 1, 1886	21.04	316.01
" "	June 1, 1889	9.19	337.05
	Jan. 22, 1916	160	346.24
	Total	506.24	
4. Enterprise	Mar. 22, 1895	120	0
	Apr. 15, 1898	68	120
	Jan. 22, 1916	62	188
	Total	250	
5. Nelson	Apr. 30, 1900	4.75	0
6. Mattson-Craig			
(R. A. Craig)	June 1, 1887	4.80	0
Supplemental (Rands)	June 1, 1888	2.40	4.80
	Apr. 30, 1900	12.96	7.20
	Jan. 22, 1916	14	20.16
	Total	34.16	
7. Arnsberger	June 1, 1891	6	0
	Jan. 22, 1916	3	6
	Total	9	
8. Heise	May 1, 1902	5.60	0
		50.54	80.54
9. Butler Island	June 1, 1885	10	
	Jan. 22, 1916	60.54	
	Total		
10. Ross & Rand		8	0
(Butler Island)	June 1, 1885	3.34	8
Supplemental	June 1, 1888	8.80	5.34
(J. H. Stone)	Jan. 22, 1916	6.14	
	Total		

PARTY OR CANAL	Date	DECREE Amount in Sec. Ft.	Older
11. Steele			
(Butler Island)	June 1, 1885	5.24	0
(S.J.& W.Summers)	June 10, 1885	1.00	5.24
Supplemental (Probert)	June 1, 1888	2.00	6.24
(Hatfield)	June 1, 1890	.80	8.24
	Total	9.04	
12. Harrison			
(Long Island)	June 11, 1880	.43	0
" "	June 1, 1881	.65	.43
" "	June 1, 1882	.65	1.08
" "	June 1, 1883	.64	1.73
" "	June 1, 1884	.64	2.37
(Butler Island)	June 1, 1885	1.20	
(Long Island)	June 1, 1885	0.64	3.01
(S.J.& W.Summers)	June 10, 1885	13.40	4.85
(Long Island)	June 1, 1886	.64	18.25
" "	June 1, 1887	12.40	18.89
	June 1, 1888	32.12	31.29
(Long Island)	June 1, 1889	4.49	63.41
	July 12, 1890	240	67.90
	Jan. 9, 1895	160	307.90
	Jan. 22, 1916	96	467.90
	Total	563.90	
13. Cheney	June 2, 1889	6	0
	Jan. 22, 1916	8	6
	Total	14	
14. Boomer & Idaho			
Boomer	Aug. 13, 1888	260	0
Idaho	Aug. 13, 1888	40	
Idaho	May 11, 1889	700	300
	Total	1000	
15. Rudy			
(Butler Island)	June 1, 1885	7.26	0
(Rostan)	June 1, 1886	2	7.26
(C. E. Rostan)	June 1, 1888	2	9.26
	Aug. 13, 1888	100	11.26
	June 1, 1889	30	111.26
	June 1, 1900	14	141.26
	June 1, 1905	36	155.26
	Jan. 22, 1916	120	191.26
	Total	311.26	
16. Kite & Nord (Hatfield Nord-Parsons)	June 1, 1890	6.80	0
	Jan. 22, 1916	5.00	6.80
	Total	13.80	

PARTY OR CANAL	Date	DECREE Amount in Sec.Ft.	Older
17. Burgess	June 10, 1886	10	0
(Long Island)	June 1, 1887	0.00	10.00
	June 10, 1887	10	10.00
(Long Island)	June 1, 1888	0.61	20.00
	June 10, 1888	380	21.41
	June 10, 1890	240	401.41
	June 1, 1895	160	641.41
	Jan. 22, 1916	200	801.41
	Total	1001.41	
16. Clark & Edwards	Feb. 27, 1885	70	0
	Jan. 22, 1916	30	70
	Total	100	
19. Lowder & Jennings	June 1, 1890	26	0
	June 1, 1892	26	26
	Jan. 22, 1916	33	52
	Total	85	
20. East Labelle	June 1, 1885	48	0
	June 1, 1888	78	48
	Jan. 22, 1916	26	126
	Total	152	
21. Consolidated Feeder			
(Long Isl.Transf.)	June 1, 1886	0.11	0
" " "	June 1, 1887	1.03	0.11
(E.Labelle-Bram".)	June 1, 1888	16.40	1.14
	June 1, 1889	44.00	17.54
	June 1, 1891	30	61.54
(Island)	Apr. 14, 1902	140	91.54
	Total	231.54	
22. Lenroot	June 1, 1884	9	0
	June 1, 1885	9	9
	June 1, 1889	6	18
	June 1, 1891	15	24
	June 1, 1892	5	39
(Amended 6-1-03)	June 1, 1899	76	44
	June 1, 1903	100	120
	Total	220	
23. Reid	June 1, 1885	30	0
	June 1, 1886	40	30
	June 1, 1889	80	70
	Jan. 22, 1916	40	200
	Total	190	

PARTY OR CANAL	Date	DECREE Amount in Sec.Ft.	Older
24. Texas Feeder			
(Texas Slough, 40; Liberty Park, 8;)	June 1, 1885	48	0
(Texas Slough, 12; Liberty Park, 36;)	June 1, 1886	50	48
" "	June 1, 1887	38	98
" "	June 1, 1888	38	136
" "	June 1, 1889	38	174
Texas Slough	June 1, 1891	14	212
" "	June 1, 1892	14	226
" "	June 1, 1893	14	240
" "	June 1, 1894	14	254
" "	June 1, 1895	12	268
Liberty Park 16, Texas Slough 16;	Jan. 22, 1916	32	280
	Total	312	
25. Nelson-Corey	June 1, 1887	12	0
(P.O.Carlsen)	June 1, 1891	4.80	12
	Total	16.80	
26. Hill-Pettinger	June 1, 1886	0.24	0
	June 1, 1887	.48	0.24
	June 1, 1888	.48	.72
	June 1, 1889	.32	1.20
	June 1, 1891	1.44	1.52
	June 1, 1902	3.00	2.96
	June 1, 1903	10	5.96
	Total	15.96	
27. Dilts-Island	June 1, 1886	14.76	0
Island	June 1, 1887	29.52	14.76
"	June 1, 1888	29.16	44.28
(Long Island) Isl.	June 1, 1889	19.44	73.44
" " "	June 1, 1891	163.56	
" " "			
(Dilts Labelle Co.)	June 1, 1894	28	256.44
Dilts	Jan. 22, 1916	10	284.44
"	Total	294.44	
28. Rigby	June 15, 1885	10	0
	June 15, 1886	10	10
	June 15, 1887	20	20
	June 15, 1888	120	40
	June 15, 1889	98	160
	Jan. 22, 1916	258	
	Total		
29. W.Labelle-L.Island	June 11, 1880	36.52	0
Long Island	June 1, 1881	58.97	36.52
" "	June 1, 1882	58.97	97.49
" "	June 1, 1883	58.98	156.46
" "	June 1, 1884	58.98	215.44

PARTY OR CANAL	Date	DECREE Amount in Sec.Ft.	Older
29. West Labelle-Long Isl. (Cont.)			
Independent	June 4, 1884	29.20	274.42
Long Island	June 1, 1885	58.97	303.62
W. Labelle	June 1, 1885	109.32	362.59
Long Island	June 1, 1886	58.86	471.91
West Labelle	Jan. 22, 1918	26	530.77
	Total	558.77	
30. Parks & Lewisville	June 1, 1883	20	0
	June 1, 1884	20	20
	June 1, 1885	100	40
	June 1, 1888	211.12	140
	Jan. 22, 1916	84	351.12
	Total	435.12	
31. North Rigby	June 10, 1883	50	0
	Jan. 22, 1916	30	50
	Total	80	
32. White	June 1, 1885	6.98	0
	Jan. 22, 1916	10	6.98
	Total	16.98	
33. Bramwell			
(Suppl.) Bramwell	June 1, 1888	8.8	0
" N. American M. Company	June 1, 1888	2.00	8.8
	Total	10.8	
34. Ellis (Supplemental)	June 1, 1888	4.80	0
	Jan.22, 1916	2	4.80
	Total	6.80	
35. Butte & Market Lake	June 4, 1884	2.30	0
	Oct. 16, 1890	349.40	2.30
(Lavina Cutshaw)	Oct. 16, 1890	17	351.70
	Total	366.70	
36. Osgood			0
Transf.No.396 Johannesen et. al.	June 4, 1884	2.50	2.50
" No.293 J.W. Hayes	June 1, 1885	3.70	6.20
" " 474 Johannesen et. al.	June 1, 1887	1.64	7.84
" " 268 Anderson B.B.	May 1, 1889	2.00	9.84
" " 274 Utah-Idaho Sugar Co.	May 1, 1889	4.92	14.76
" " 474 Johannesen et. al.	June 1, 1889	1.21	15.97
" " 268 Anderson B.B.	July 10, 1889	5.20	21.17
" " 274 Utah-Idaho Sugar Co.	July 10, 1889	4.48	25.65
" " 267 " "	Oct. 16, 1890	10.60	36.25
" " 130 " "	June 16, 1900	100	
	Total	136.25	

DUTY OF CANAL

	Date	DECREE Amt.in Sec.Ft.	Older	Trans. No.
37. Kennedy & Burgraff				
Shattuck	June 11, 1860			
Shattuck	June 1, 1861	0.26	0	292
"	June 1, 1862	.38	.26	292
"	June 1, 1863	.39	.64	292
"	June 1, 1864	.38	1.03	292
"	June 1, 1865	.39	1.41	292
"	June 1, 1865	.38	1.80	292
"		.57	2.18	324*
"		*0.36 in Great W.		
"	May 1, 1886	2.00	2.75	315
"	June 1, 1886	.39	4.75	292
"	" 1, 1886	.80	5.14	316
"	June 1, 1886	2.16	5.94	317*
"		*2.64 in Great W.		
"	June 1, 1887	0.58	8.10	332
"	June 1, 1887	0.38	8.68	292
Harris	June 1, 1887	0.29	9.06	331
Shattuck	May 1, 1888	1.00	9.35	315
"	June 1, 1888	.39	10.35	292
"	" 1, 1888	.80	10.74	316
"	" 1, 1888	.58	11.54	332
Harris	" 1, 1888	.30	12.12	331
Austin	Jan. 12, 1889	5.00	12.42	---
Ben. Life Ins.C.	May 1, 1889	1.17	17.42	283
Harris	May 1, 1889	.48	18.59 Corbett(Williams)	
Shattuck	May 1, 1889	1.65	19.07	283
"	June 1, 1889	.25	20.72	292
Ben. Life Ins.Co.	July 10, 1889	6.13	20.97	283
Shattuck	June 1, 1890	4.59	27.10	283
"	July 10, 1890	2.67	31.69	283
	Total	34.36		
38. Porter & Great Western				
Utah-Ida. S. Co.	June 1, 1883	15.00	0	
Shattuck	June 1, 1865	0.36	15.00	324*
		*0.57 in Kennedy-Burgraff		
		120	15.36	Orig. decree
N. Sweden Irrig.D.	Jan. 7, 1886	2.64	135.36	317*
Shattuck	June 1, 1886	*2.16 in Kennedy-Burgraff		
		8.00	13 .00	492
Utah-Ida. S. Co.	June 1, 1887	0.39	146.00	398
" " " "	June 1, 1887	0.29	146.39	399
" " " "	June 1, 1887	0.52	146.68	485
	June 1, 1887	0.16	147.20	486
Harris	June 1, 1887	0.48	147.36	485
"	June 1, 1888	0.16	147.84	486
"	June 1, 1888	0.39	148.00	398
"	June 1, 1888	0.28	148.39	399
Utah-Ida. S. Co.	June 1, 1888	0.39	148.67	398
" " " "	June 1, 1889	0.86	149.06	399
" " " "	June 1, 1889	0.52	149.34	486
	June 1, 1889	0.16	149.86	486
Harris	June 1, 1889			
"				

PARTY OR CANAL

	Date	DECREE Amt. in Sec. Ft.	Older	Trans. No.
38. Porter & Great Western (Cont.)				
Utah-Ida. Sugar C.	July 10, 1889	8.67	150.02	284
Hartert	July 10, 1889	5.33	158.69	276
N. Sweden I.D.	Jan. 24, 1891	400	164.02	Orig. decree
Martin	June 1, 1905	17.54	564.02	---
"	Aug. 12, 1906	3.47	581.56	---
"	July 17, 1915	7.88	585.03	---
New Sweden I.D.	Jan. 22, 1916	145	592.91	Woodville decree
	Total	737.91		
39. Bear Island				
Bear Island (Weir)	June 1, 1896	3.50	0	
40. Taylor & Goshen	June 16, 1900	46	0	
41. City of Idaho Falls	Apr. 20, 1900	140	0	
	Oct. 22, 1904	48	140	
	Total	188		
42. Coy (Long Island)	June 11, 1880	0.79	0	
43. Woodville	April 30, 1893	85.50	0	
	June 16, 1900	40	85.50	
	Jan. 22, 1916	38	125.50	
	Total	163.50		
44. Snake River Valley	April 6, 1869	200	0	
	July 9, 1896	400	200	
	Sept. 1, 1903	110	600	
	Jan. 22, 1916	68	710	
	Total	778		
45. Reservation (Smith-Maxwell) (Idaho Canal)	Feb. 21, 1890	15.98	0	
	Dec. 14, 1891	600	15.98	
	Total	615.98		
46. Blackfoot	July 10, 1889	366.80	0	
47. New Lava Side	June 1, 1884	20	0	
	March 1, 1889	60	20	
	Nov. 24, 1890	72	80	
	Jan. 22, 1916	30	152	
	Total	182		
48. Peoples (Jateon-Slough)	March 6, 1885	7.60	0	
" "	July 15, 1888	16.80	7.60	
	Aug. 18, 1894	400	24.20	
	Jan. 22, 1916	200	424.20	
	Total	624.20		

PARTY OR CANAL	Date	DECREE Amount in Sec.Ft.	Older
49. Aberdeen-Springfield	Feb. 6, 1895	1250	0
50. Corbett Slough	May 1, 1889	109.43	0
	May 1, 1892	130	109.43
	Total	239.43	
51. Nielsen-Hansen	June 1, 1883	15	0
52. Riverside	June 1, 1885	10	0
	June 1, 1887	99.35	10
(Long Island)	June 1, 1888	1.22	109.35
	June 1, 1889	1.59	110.57
	Jan. 22, 1916	30	112.16
	Total	142.16	
53. Danskin	July 23, 1886	100	0
	June 1, 1888	80	100
	Jan. 22, 1916	20	180
	Total	200	
54. Trego	June 1, 1890	65.41	0
	June 1, 1902	4.00	65.41
	Jan. 22, 1916	18.00	69.41
	Total	87.41	
55. Wearyrick	May 3, 1886	38	0
(Long Island)	June 1, 1887	9.36	38.00
" "	June 1, 1888	1.20	47.36
(Watson Slough)	July 15, 1888	3.20	48.56
(Long Island)	June 1, 1889	1.60	51.76
	Jan. 22, 1916	30	53.36
	Total	83.36	
56. Watson Slough	March 6, 1885	62.40	0
(Elizabeth Kratzer)	June 1, 1886	1.60	62.40
(H.M. Palmer)	May 13, 1888	3.20	64.00
	July 15, 1888	30.20	67.20
	Jan. 22, 1916	36	97.40
	Total	133.40	
57. Parsons	June 30, 1885	22	0
	Jan. 22, 1916	18	22
	Total	40	
58. Smith-Maxwell	Feb. 21, 1890	1.62	0
59. U. S. B. R.		1726	1726
Minidoka canals	May 26, 1903	1000	
	Aug. 6, 1908	2726	
	Total		

PARTY OR CANAL	Date	DECREE Amount in Sec.Ft.	Older
60. U. S. B. R. New Divisions	March 30, 1921	8000	0
61. Schodde	April 1, 1895	2	0
62. Twin Falls Canal C.	Oct. 11, 1900	3000	0
	Dec. 22, 1915	600	3000
	Total	3600	
63. Twin Falls ..... S. L. & W. Co.	Oct. 11, 1900	400	0
	June 7, 1905	2250	400
	June 16, 1908	350	2650
	Dec. 23, 1915	300	3000
	Total	3300	
64. Milner Low Lift Irrig. District	Nov. 14, 1916	135	0

SNAKE RIVER RIGHTS
(Listed in order of priorities)

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 11, 1880	Kennedy & Burgraff	0.26	0.26
June 11, 1880	Harrison	.43	.69
June 11, 1880	Coy	.79	1.48
June 11, 1880	Long Island	38.52	40.00
Aug. 1, 1880	Anderson, Eagle Rock & Willow Creek	160.00	200.00
June 1, 1881	Kennedy & Burgraff	.38	200.38
June 1, 1881	Harrison	.65	201.03
June 1, 1881	Long Island	58.97	260.00
June 1, 1882	Kennedy & Burgraff	.39	260.39
June 1, 1882	Harrison	.65	261.04
June 1, 1882	Long Island	58.97	320.01
June 1, 1883	Kennedy & Burgraff	.38	320.39
June 1, 1883	Harrison	.64	321.03
June 1, 1883	Long Island	58.98	380.01
June 1, 1883	Great Western & Porter	15	395.01
June 1, 1883	Nielsen-Hansen	15	410.01
June 1, 1883	Parks & Lewisville	20	430.01
June 10, 1883	North Rigby	50	480.01
April 3, 1884	Anderson, Eagle Rock & Willow Creek	340	820.01
June 1, 1884	Kennedy & Burgraff	.39	820.40
June 1, 1884	Harrison	.64	821.04
June 1, 1884	Long Island	58.98	880.02
June 1, 1884	Lenroot	9	889.02
June 1, 1884	Parks & Lewisville	20	909.02
June 1, 1884	New Lava Side	20	929.02
June 4, 1884	Osgood	2.50	931.52
June 4, 1884	Butte & Market Lake	2.30	933.82
June 4, 1884	Independent	29.20	963.02
Feb. 27, 1885	Clark & Edwards	70	1033.02
Mar. 6, 1885	Peoples	7.60	1040.62
Mar. 6, 1885	Watson Slough	62.40	1103.02
June 1, 1885	Kennedy & Burgraff	2.56	1105.58
June 1, 1885	Harrison	1.84	1107.42
June 1, 1885	Great Western & Porter	.36	1107.78
June 1, 1885	Long Island	58.97	1166.75
June 1, 1885	Ross & Rand	2.00	1168.75
June 1, 1885	Farmers Friend	2.83	1171.58
June 1, 1885	Rudy	7.26	1178.84
June 1, 1885	Steele	5.24	1184.08
June 1, 1885	Butler Island	50.54	1234.62
June 1, 1885	Osgood	3.70	1238.32
June 1, 1885	White	6.98	1245.30
June 1, 1885	West Labelle	109.32	1354.62
June 1, 1885	Reid	30.00	1384.62
June 1, 1885	Lenroot	9.00	1393.62
June 1, 1885	East Labelle	48	1441.62
June 1, 1885	Parks & Lewisville	100	1541.62
June 1, 1885	Texas Feeder	48	1589.62

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1885	Riverside	10	1599.62
June 10, 1885	Steele	1	1600.62
June 10, 1885	Harrison	13.40	1614.02
June 15, 1885	Rigby	10	1624.02
June 30, 1885	Parsons	22	1646.02
Jan. 7, 1886	Great Western & Porter	120	1766.02
May 1, 1886	Kennedy & Burgraff	2.75	1768.77
May 3, 1886	Wearyrick	38	1806.77
June 1, 1886	Kennedy & Burgraff	3.35	1810.12
June 1, 1886	Harrison	.64	1810.76
June 1, 1886	Long Island	58.86	1869.62
June 1, 1886	Hill-Pettinger	.24	1869.86
June 1, 1886	Reid	40	1909.86
June 1, 1886	Rudy	2	1911.86
June 1, 1886	Great Western & Porter	2.64	1914.50
June 1, 1886	Texas Feeder	50	1964.50
June 1, 1886	Island	14.76	1979.26
June 1, 1886	Watson Slough	1.60	1980.86
June 10, 1886	Burgess	10	1990.86
June 15, 1886	Rigby	10	2000.86
July 23, 1886	Danskin	100	2100.86
June 1, 1887	Wearyrick	9.36	2110.22
June 1, 1887	Burgess	.80	2111.02
June 1, 1887	Farmers Friend	13.18	2124.20
June 1, 1887	Kennedy & Burgraff	1.25	2125.45
June 1, 1887	Harrison	12.40	2137.85
June 1, 1887	Great Western & Porter	9.36	2147.21
June 1, 1887	Osgood	1.64	2148.85
June 1, 1887	Island	29.52	2178.37
June 1, 1887	Mattson-Craig	4.80	2183.17
June 1, 1887	Nelson-Corey	12	2195.17
June 1, 1887	Texas Feeder	38	2233.17
June 1, 1887	Hill-Pettinger	.48	2233.65
June 1, 1887	Riverside	99.35	2333.00
June 10, 1887	Burgess	10	2343.00
June 15, 1887	Rigby	20	2363.00
Jan. 18, 1888	Farmers Friend	300	2663.00
May 1, 1888	Kennedy & Burgraff	1	2664.00
May 13, 1888	Watson Slough	3.20	2667.20
June 1, 1888	Wearyrick	1.20	2668.40
June 1, 1888	Ellis	4.80	2673.20
June 1, 1888	Bramwell	10.80	2684.00
June 1, 1888	Mattson-Craig	2.40	2686.40
June 1, 1888	Farmers-Friend	21.04	2707.44
June 1, 1888	Kennedy & Burgraff	2.07	2709.51
June 1, 1888	Great Western & Porter	1.31	2710.82
June 1, 1888	Island	29.16	2739.98
June 1, 1888	Riverside	1.22	2741.20
June 1, 1888	Steele	2.00	2743.20
June 1, 1888	Ross & Rand	3.34	2746.54
June 1, 1888	Rudy	2.00	2746.54

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1888	Harrison	32.12	2780.66
June 1, 1888	Parks & Lewisville	211.12	2991.78
June 1, 1888	Texas Feeder	38	3029.78
June 1, 1888	East LaBelle	78	3107.78
June 1, 1888	Danskin	80	3187.78
June 1, 1888	Burgess	.61	3188.39
June 1, 1888	Hill-Pettinger	.48	3188.87
June 10, 1888	Burgess	380	3568.87
June 15, 1888	Rigby	120	3688.87
June 15, 1888	Wearyrick	3.20	3692.07
June 15, 1888	Peoples	16.60	3708.67
July 15, 1888	Watson Slough	30.20	3736.87
Aug. 13, 1888	Boomer	260	3996.87
Aug. 13, 1888	Idaho	40	4036.87
Aug. 13, 1888	Rudy	100	4136.87
Jan. 12, 1889	Kennedy & Burgraff	5	4143.87
Mar. 1, 1889	New Lava Side	60	4203.87
Apr. 6, 1889	Snake River Valley	200	4403.87
Apr. 15, 1889	Anderson, E.R. & Willow Creek	300	4703.87
May 1, 1889	Kennedy & Burgraff	3.20	4707.07
May 1, 1889	Osgood	6.92	4713.99
May 1, 1889	Corbett-Slough	109.43	4823.42
May 11, 1889	Idaho	700	5523.42
June 1, 1889	Kennedy & Burgraff	.25	5523.67
June 1, 1889	Osgood	1.21	5524.88
June 1, 1889	Harrison	4.49	5529.37
June 1, 1889	Island	19.44	5548.81
June 1, 1889	Wearyrick	1.60	5550.41
June 1, 1889	Texas Feeder	38	5588.41
June 1, 1889	Riverside	1.59	5590.00
June 1, 1889	Consolidated Feeder	44	5634.00
June 1, 1889	Reid	80	5714.00
June 1, 1889	Rudy	30	5744.00
June 1, 1889	Hill-Pettinger	.32	5744.32
June 1, 1889	Lanroot	6.00	5750.32
June 1, 1889	Farmers Friend	9.19	5759.51
June 1, 1889	Great Western & Porter	1.35	5760.86
June 2, 1889	Cheney	6.00	5766.86
July 10, 1889	Kennedy & Burgraff	6.13	5772.99
July 10, 1889	Great Western & Porter	14.00	5786.99
July 10, 1889	Osgood	9.68	5796.67
July 10, 1889	Blackfoot	366.80	6163.47
July 10, 1889	Reservation	15.98	6179.45
Feb. 21, 1890	Smith-Maxwell	1.82	6181.27
Feb. 21, 1890	Lowder & Jennings	26	6207.27
June 1, 1890	Kennedy & Burgraff	4.59	6211.86
June 1, 1890	Trego	65.41	6277.27
June 1, 1890	Steele	.80	6278.07

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
June 1, 1890	Kite & Nord	8.80	6286.87
June 10, 1890	Burgess	240	6526.87
June 10, 1890	Kennedy & Burgraff	2.67	6529.54
July 12, 1890	Harrison	240	6769.54
Oct. 16, 1890	Osgood	10.60	6780.14
Oct. 16, 1890	Butte & Market Lake	366.40	7146.54
Nov. 24, 1890	New Lava Side	72	7218.54
Jan. 24, 1891	Great Western & Porter	400	7618.54
June 1, 1891	Consolidated Feeder	30	7648.54
June 1, 1891	Texas Feeder	14	7662.54
June 1, 1891	Island	163.56	7826.10
June 1, 1891	Lenroot	15	7841.10
June 1, 1891	Hill-Pettinger	1.44	7842.54
June 1, 1891	Arnsberger	6.00	7848.54
June 1, 1891	Nelson-Corey	4.80	7853.34
Dec. 14, 1891	Reservation	600	8453.34
May 1, 1892	Corbett Slough	130	8583.34
June 1, 1892	Lowder & Jennings	26	8609.34
June 1, 1892	Texas Feeder	14	8623.34
June 1, 1892	Lenroot	5	8628.34
Apr. 30, 1893	Woodville	85.50	8713.84
June 1, 1893	Texas Feeder	14	8727.84
June 1, 1894	Texas Feeder	14	8741.84
June 1, 1894	Dilts	28	8769.84
Aug. 18, 1894	Peoples	400	9169.84
Jan. 9, 1895	Harrison	160	9329.84
Feb. 6, 1895	Aberdeen-Springfield	1250	10579.84
Mar. 22, 1895	Enterprise	120	10699.84
Apr. 1, 1895	Schodde	2	10701.84
June 1, 1895	Burgess	160	10861.84
June 1, 1895	Texas Feeder	12	10873.84
June 1, 1896	Bear Island	3.50	10877.34
July 9, 1896	Snake River Valley	400	11277.34
Apr. 15, 1898	Enterprise	68	11345.34
June 1, 1899	Lenroot	76	11421.34
Apr. 20, 1900	City of Idaho Falls	140	11561.34
Apr. 30, 1900	Mattson-Craig	12.96	11574.30
Apr. 30, 1900	Nelson	4.75	11579.05
June 1, 1900	Rudy	14	11593.05
June 6, 1900	Woodville	40	11633.05
June 16, 1900	Osgood	100	11733.05
June 16, 1900	Taylor & Goshen	46	11779.05
Oct. 11, 1900	Twin Falls Canal Co.	3000	14779.05
Oct. 11, 1900	North Side Canal Co.	400	15179.05
Apr. 14, 1902	Consolidated Feeder	140	15319.05
May 1, 1902	Heise	5.60	15324.65
June 1, 1902	Trego	4.00	15328.65
June 1, 1902	Riley	24	15352.65
June 1, 1902	Hill-Pettinger	3	15355.65
Mar. 22, 1903	U.S.B.R. (Minidoka)	1726	17081.65
June 1, 1903	Hill-Pettinger	10	17091.65
June 1, 1903	Lenroot	100	17191.65
Sept. 1, 1903	Snake River Valley	110	17301.65

DATE	CANAL OR PARTY	AMOUNT	ACCUM. AMOUNT
Oct. 22, 1904	City of Idaho Falls	48	17349.65
June 1, 1905	Rudy	36	17385.65
June 1, 1905	Great Western & Porter	17.54	17403.19
June 7, 1905	North Side Canal Co.	2250	19653.19
June 16, 1908	North Side Canal Co.	350	20003.19
Aug. 6, 1908	U. S. B. R. (Minidoka)	1000	21003.19
Aug. 12, 1908	Great Western & Porter	3.47	21006.66
July 15, 1915	Great Western & Porter	7.88	21014.54
Dec. 22, 1915	Twin Falls Canal Co.	600	21614.54
Dec. 23, 1915	North Side Canal Co.	300	21914.54
Jan. 22, 1916	Parsons	18	21932.54
Jan. 22, 1916	Watson Slough	36	21968.54
Jan. 22, 1916	Wearyrick	30	21998.54
Jan. 22, 1916	Trego	18	22016.54
Jan. 22, 1916	Danskin	20	22036.54
Jan. 22, 1916	Riverside	30	22066.54
Jan. 22, 1916	Peoples	200	22266.54
Jan. 22, 1916	New Lava Side	30	22296.54
Jan. 22, 1916	Snake River Valley	68	22364.54
Jan. 22, 1916	Woodville	38	22402.54
Jan. 22, 1916	Porter & Great Western	145	22547.54
Jan. 22, 1916	Ellis	2	22549.54
Jan. 22, 1916	White	10	22559.54
Jan. 22, 1916	North Rigby	30	22589.54
Jan. 22, 1916	Parks & Lewisville	84	22673.54
Jan, 22, 1916	West Labelle	28	22701.54
Jan. 22, 1916	Dilts	10	22711.54
Jan. 22, 1916	Rigby	98	22809.54
Jan. 22, 1916	Texas Feeder	32	22841.54
Jan. 22, 1916	Reid	40	22881.54
Jan. 22, 1916	East Labelle	26	22907.54
Jan. 22, 1916	Lowder & Jennings	33	22940.54
Jan. 22, 1916	Clark & Edwards	30	22970.54
Jan. 22, 1916	Burgess	200	23170.54
Jan. 22, 1916	Kite & Nord	5	23175.54
Jan. 22, 1916	Rudy	120	23295.54
Jan. 22, 1916	Cheney	8	23303.54
Jan. 22, 1916	Harrison	96	23399.54
Jan. 22, 1916	Ross & Rand	2.80	23402.34
Jan. 22, 1916	Butler Island	10	23412.34
Jan. 22, 1916	Arnsberger	3	23415.34
Jan. 22, 1916	Mattson-Craig	14	23429.34
Jan. 22, 1916	Enterprise	62	23491.34
Jan. 22, 1916	Farmers Friend	160	23651.34
Jan. 22, 1916	Anderson, E. R. & Willow C.	300	23951.34
Jan. 22, 1916	Riley	12	23963.34
Nov. 14, 1916	Milner Low Lift	135	24098.34
Mar. 13, 1921	U. S. B. R. (New Divisions)	8000	32098.34

PRINCIPAL WATER RIGHTS HENRY'S FORK & FALL RIVER
(Listed in downstream order)

PARTY OR CANAL	Date	DECREE Amt. in Sec.ft.	Older
Diversions from Fall River			
1. Yellowstone	Nov. 5, 1895	25.0	0
	May 1, 1906	100	25
	Total	125	
2. Harrigfeld	Aug. 4, 1900	60	0
	May 1, 1906	80	60
	Total	140	
3. Marysville	Nov. 5, 1895	305	0
4. Farmers Own			
L. J. Maurer	June 1, 1892	3.00	0
A. P. Crabb	June 1, 1892	1.40	3.00
L. J. Maurer	June 1, 1894	3.00	4.40
Farmers Own	Apr. 1, 1896	34	7.40
Farmers Own	May 1, 1904	12	41.40
Farmers Own	May 1, 1905	40	53.40
	Total	93.40	
5. Conant Creek Canal Company	May 1, 1901	20	0
6. Almy	Sept.24, 1900	3.00	0
7. Enterprise I. D.	June 12, 1903	140.2	
	Jan. 22, 1916	30	140.2
	Total	170.2	
8. Bell	Sept.26, 1889	5.20	0
9. Fall River			0
(After July 1, 360)	June 1, 1889	480.0	
10. McBee-Seeley Bros.	June 1, 1891	3.60	0
M. L. Mitchell	June 1, 1894	5.00	3.60
C. H. Noon	May 10, 1895	5.00	8.60
L. Loyd	June 1, 1896	3.00	11.60
Smith	July 16, 1902	2.00	14.60
	Total	16.60	
11. Chester-J. Hathaway	Jun.10, 1897	.60	0
Chester Irrig.	April 1, 1896	112	.60
	Total	112.60	
12. Silkey	June 1, 1890	8.00	0
Drake	June 1, 1890	8.00	8.00
Silkey	June 1, 1890	5.20	16.00
Farnsworth	June 1, 1890	5.50	21.20
Sundberg	June 1, 1903	0.60	26.70
G. B. West	Total	27.30	

PARTY OR CANAL

	Date	DECREE Amt. in Sec.ft.	Older
13. Curr - C.L.Wilson	June 10, 1887	2.40	0
R. Humphrey	June 10, 1887	4.80	2.40
J. Hathaway	June 10, 1887	3.50	7.20
W. Hathaway	June 10, 1887	4.80	10.70
Jos. Curr	June 10, 1887	4.80	15.50
H. Y. Brown	June 1, 1888	2.40	20.30
A. T. Farnsworth	June 1, 1888	2.40	22.70
H. T. White	June 1, 1888	2.40	25.10
A.T. & R.J.Farnsworth	June 1, 1889	4.00	27.50
H. T. White	June 1, 1890	2.40	31.50
Alma Blanchard	June 1, 1890	2.40	33.90
J. J. Brown	June 1, 1891	4.80	36.30
Alma Blanchard	June 1, 1892	2.40	41.10
A.E. & R.J.Farnsworth	June 1, 1892	4.00	43.50
	Total	47.50	
Diversions from Henry's Fork			
14. Island Park	June 15, 1889	10.00	0
	June 1, 1891	30.00	10.00
	June 1, 1893	10.00	40.00
	Total	50.00	
15. Z. Sandberg (Black Spgs. Cr.)	June 1, 1894	1.20	0.00
16. Dewey	May 15, 1898	37.20	0
17. Last Chance (After Jul.1, 120)	Feb. 9, 1897	225	0
18. St. Anthony Union July 2-16, 500) " 17-31, 600) After Aug. 1, 500)	June 21, 1888	600	0
	July 29, 1892	100	600
	Total	700	
19. Farmers Friend (After Jul.1, 160)	Feb. 5, 1902	240	0
	Jan. 22, 1916	47	240
	Total	287	
20. Twin Groves	June 1, 1892	150	0
	Jan. 22, 1916	30	150
	Total	180	
21. Salem Union (After Jul.1, 240)	April 25, 1892	300	0
22. Hoff	Apr. 18, 1896	10	0

PARTY OR CANAL

	Date	DECREE Amt. in Sec.ft.	Older
23. Egin Irrig. Co.			
Jul. 2-16, 100)	Apr. 25, 1885	200	0
Jul.17-31, 200)	Mar. 1, 1890	200	200
After Aug. 1, 100)	Total	400	
24. Independent			
Jul. 1-15, 360)			
Jul.16-31, 400)	June 14, 1895	400	0
After " 31, 360)			
25. Consolidated Farmers	June 1, 1890	80	0
	June 1, 1892	120	80
	June 1, 1895	55	200
	Jan. 22, 1916	78	255
	Total	333	

HENRY'S FORK & FALL RIVER
(Listed according to Priority)

Date	Party or Canal	Amount	Accum. Amount
April 25,1885	Egin Irrigation Co.	200	200
June 10, 1887	Chester	.60	200.60
June 10, 1887	Curr	20.30	220.90
June 1, 1888	Curr	7.20	228.10
June 21, 1888	St. Anthony Union	*600	828.10
	*(Jul.2-12, 500; July 17-31, 600; after Aug. 1, 500)		
June 1, 1889	Curr	4	832.10
June 1, 1889	Fall River Canal	*460	1292.10
	(*After July 1, 360)	10	1302.10
June 15, 1889	Island Park	5.20	1307.30
Sept. 26, 1889	Bell	*200	1507.30
Mar. 1, 1890	Egin Irrig. Co.		
	*(Jul.2-16, 100; Jul. 17-31, 200; after Aug. 1, 100)	4.80	1512.10
June 1, 1890	Curr	26.70	1538.80
June 1, 1890	Silkey	80	1618.80
June 1, 1890	Consolidated Farmers	30	1648.80
June 1, 1891	Island Park	4.80	1653.60
June 1, 1891	Curr	3.60	1657.20
June 1, 1891	McBee	*300	1957.20
Apr. 28, 1892	Salem Union		2077.20
	*(After July 1, 240)	120	2227.20
June 1, 1892	Consolidated Farmers	150	2231.60
June 1, 1892	Twin Groves	4.40	2236.00
June 1, 1892	Farmers Own	6.40	2338.00
June 1, 1892	Curr	100	2348.00
June 28, 1892	St. Anthony Union	10	2349.20
June 1, 1893	Island Park	1.20	
June 1, 1894	L. Sandberg		

Date	Party or Canal	Amount	Accum. Amount
June 1, 1894	Farmers Own	3.00	2352.20
June 1, 1894	McBee	3.00	2355.20
May 10, 1895	McBee	5.00	2360.20
June 1, 1895	Consolidated Farmers	55.00	2415.20
June 14, 1895	Independent	*400	2815.20
	*(Jul. 2-16, 360; Jul.16-31, 400; after Jul. 31, 360)		
Nov. 5, 1895	Yellowstone	25	2840.20
Nov. 5, 1895	Marysville	305	3145.20
Apr. 1, 1896	Chester	112	3257.20
Apr. 1, 1896	Farmers Own	34	3291.20
Apr. 18, 1896	Hoff	10	3301.20
June 1, 1896	McBee	3	3304.20
Feb. 9, 1897	Last Chance Canal	*225	3529.20
	*(After July 1, 120)		
May 15, 1898	Dewey	37.20	3566.40
Aug. 4, 1900	Harrigfeld	60	3626.40
Sept.24, 1900	Almy	3	3629.40
May 1, 1901	Conant Creek	20	3649.40
Feb. 5, 1902	Farmers Friend	240	3889.40
July 16, 1902	McBee	2	3891.40
June 1, 1903	Silkey	0.60	3892.00
June 12, 1903	Enterprise	140.20	4032.20
May 1, 1904	Farmers Own	12.0	4044.20
May 1, 1905	Farmers Own	40.0	4084.20
May 1, 1906	Harrigfeld	80.0	4164.20
May 1, 1906	Yellowstone	100	4264.20
Jan. 22, 1916	Consolidated Farmers	78	4342.20
Jan. 22, 1916	Twin Groves	30	4372.20
Jan. 22, 1916	Farmers Friend	47	4419.20
Jan. 22, 1916	Enterprise	30	4449.20

PRINCIPAL WATER RIGHTS OF LOWER TETON RIVER
(Listed in downstream order)

PARTY OR CANAL	Date	DECREE Amt. in Sec.ft.	Older
1. Peaceful Valley	June 7, 1909	20	0
2. Canyon Creek	June 1, 1900	16	0
	June 1, 1902	54	16
	Total	70	
3. Hague	Mar. 25, 1901	2	0
4. Siddoway	July 1, 1891	6	0
(Teton Irrig.&	July 1, 1892(After	7.68	6.
Mfg.Co.,Siddowy I.	" 1, only)		
& Mfg. Co.)	April 1, 1898	15.32	13.68
	Total	29.00	
5. Wilford			
Wilford Irrig. &			
Mfg. Co.	June 1, 1884	67.84	0
	April 1, 1898	132.16	67.84
	Total	200.00	
6. Teton Irrig. Co.	June 1, 1884	120	0
	Oct. 2, 1889	10	120
	Total	130	
7. Good Luck	June 1, 1884	10	0
	Apr. 1, 1898	26	10
	Total	36	
8. Pioneer	May 1, 1883	10.56	0
	Apr. 1, 1898	16.00	10.56
	Total	26.56	
9. Stewart - Supplemental			0
T.F.Roche & L.C.Rice	May 4, 1883	4.00	4.00
S.Stewart Estate	June 1, 1884	5.00	9.00
" " "	Apr. 1, 1898	10.00	
Supplemental T.F.			19.00
Roche-L.C.Rice	April 1, 1898	8.00	
	Total	27.00	
10. Pincock-Byington	May 1, 1884	7.12	0
	April 1, 1898	14.0	7.12
	Total	21.12	
11. Pincock-Garner			0
H.L.Bird, F.W.Garner,		8.08	8.89
G.A. Pincock	Mar. 1, 1884	16.00	24.86
" " "	April 1, 1898	5.20	
H. J. Clark	May 15, 1898	26.08	
	Total		

PARTY OR CANAL	Date	DECREE Amt. in Sec.ft.	Older
12. Teton Island Feeder	Mar. 1, 1883	10.36	0
" " canal	May 1, 1884	6.96	10.36
Hill Ditch Co.	May 22, 1884	70.00	17.32
Teton Island Canal	June 1, 1884	25.30	87.32
Wolf Ditch Co.			
Nelson-Jacobs ditch	May 1, 1885	4.32	112.62
D. Nelson			
Windmill, Withers & Young	May 31, 1885	4.32	116.94
Salem I. Canal Co.	June 1, 1885	240	121.26
Walters, (Stewart & Walters Ditch)	June 1, 1888	3.36	361.26
Mortensen, (Nelson-Jacobs Ditch)	May 1, 1889	2.24	364.62
Teton Island Canal	April 1, 1898	159.64	366.86
Hill Ditch Co.	April 1, 1898	12	526.50
Windmill, Withers & Young	April 1, 1898	8.68	538.50
Walters, (Stewart & Walters Ditch)	April 1, 1898	6.64	547.18
Mortensen, (Nelson-Jacobs Ditch)	April 1, 1898	4.36	553.82
Nelson, (Nelson-Jacobs Ditch)	April 1, 1898	8.68	558.18
Wolf Ditch Co.	April 1, 1898	46.70	566.86
	Total	613.56	
13. North Salem	June 1, 1888	26.50	0
Until	July 1, only		
14. Roxana	June 1, 1885	16.0	0
	Jan. 22, 1916	26.0	16
	Total	42.0	
15. Island Ward (North Fork Teton River)	Jan. 23, 1901	100	0
16. Woodmansee-Johnson	June 1, 1886	.50	0
M.L. Mave	June 1, 1889 orig.Dec.	12.40	.50
Woodmansee-Johnson	Oct. 1, 1889	9.00	----
" " Suppl.	Oct. 1, 1889	3.20	21.90
Clark & Houghton	June 1, 1891	.20	25.10
Alfred Ricks	June 1, 1894	.40	25.30
W. J. Huskinson	Apr. 20, 1896	.50	25.70
John S. Eames	July 15, 1896	1.00	26.20
" " "	Apr. 1, 1898	4.00	27.20
Clark & Houghton	Apr. 1, 1898	27.60	31.20
Woodmansee-Johnson	Apr. 1, 1898	1.00	58.80
W. J. Huskinson	Apr. 1, 1898	59.80	
	Total		

PARTY OR CANAL	Date	DECREE Amt. in Sec.ft.	Older
17. McCormick-Rowe			
Rueben M. Rowe	June 1, 1879	2.20	
Morris-McCormick	" 1, 1879	2.20	0
Rueben H. Rowe	Apr. 1, 1898	8.60	2.20
	Total	13.00	4.40
18. City of Rexburg	June 10, 1883	27.00	
	Apr. 1, 1898	33.00	0
	Total	60.00	27.0
19. Rexburg Irrig.	June 10, 1883	130.00	
	Apr. 1, 1898	170	0
	Total	300	130
20. N. P. Hansen (Sold to Lee Burrows)	May 15, 1883	3.20	

LOWER TETON RIVER
(Listed according to Priorities)

Date	Party or Canal	Amount	Accum. Amount
June 1, 1879	McCormick-Rowe	4.40	4.40
Mar. 1, 1883	Teton Island Feeder	10.36	14.76
May 1, 1883	Stewart	4.00	18.76
May 1, 1883	Pioneer	10.56	29.32
May 15, 1883	N. P. Hansen	3.20	32.52
June 10, 1883	City of Rexburg	27.00	59.52
June 10, 1883	Rexburg Irrig. Co.	130.00	189.52
Mar. 1, 1884	Pincock-Garner	8.88	198.40
Mar. 1, 1884	Pincock-Byington	7.12	205.52
May 1, 1884	Teton Island Feeder	6.96	212.48
May 22, 1884	Teton Island Feeder	70.00	282.48
June 1, 1884	Teton Island Feeder	25.30	307.78
June 1, 1884	Stewart	5.00	312.78
June 1, 1884	Teton Irrigation	120.00	432.78
June 1, 1884	Good Luck	10.00	442.78
June 1, 1884	Wilford	67.84	510.62
May 1, 1885	Teton Island Feeder	4.32	514.94
May 31, 1885	Teton Island Feeder	4.32	519.26
June 1, 1885	Teton Island Feeder	240.00	759.26
June 1, 1885	Roxana	16.00	775.26
June 1, 1886	Woodmansee-Johnson	0.50	775.76
June 1, 1888	North Salem	26.50	802.26
June 1, 1888	Teton Island Feeder	3.36	805.62
May 1, 1889	Teton Island Feeder	2.24	807.86
Oct. 2, 1889	Teton Irrigation	10.00	817.86
Oct. 1, 1889	Woodmansee-Johnson	21.40	839.26

LOWER TETON RIVER
(Listed according to Priorities)

Date	Party or Canal	Amount	Accum. Amount
June 1, 1891	Woodmansee-Johnson	3.20	842.46
July 1, 1891	Siddoway	6.00	848.46
June 1, 1892		7.68*	856.14
	*(After July 1, only)		
June 1, 1894	Woodmansee-Johnson	.20	856.34
Apr. 20. 1896	Woodmansee-Johnson	.40	856.74
July 15, 1896	Woodmansee-Johnson	.50	857.24
Aprl 1, 1898	Woodmansee-Johnson	1.00	858.24
Apr. 1, 1898	Teton Island Feeder	246.70	1104.94
Apr. 1, 1898	Pincock-Byington	14	1118.94
Apr. 1, 1898	Rexburg Irrigation Co.	170	1288.94
Apr. 1, 1898	City of Rexburg	33	1321.94
Apr. 1, 1898	Woodmansee-Johnson	33.60	1355.54
Apr. 1, 1898	Pincock-Garner	16	1371.54
Apr. 1, 1898	Stewart	18	1389.54
Apr. 1, 1898	Pioneer	18	1407.54
Apr. 1, 1898	Good Luck	26	1433.54
Apr. 1, 1898	Wilford	132.16	1565.70
Apr. 1, 1898	McCormick-Rowe	8.60	1574.30
April 1, 1898	Siddoway	15.32	1589.62
May 15, 1898	Pincock-Garner	3.20	1592.82
June 1, 1900	Canyon Creek	16	1608.82
Jan. 23, 1901	Island Ward	100	1708.82
Mar. 25, 1901	Hague	2	1710.82
June 1, 1902	Canyon Creek	54	1764.82
June 7, 1909	Peaceful Valley	20	1784.82
Jan. 22, 1916	Roxana	26	1810.82

STORAGE RIGHTS
Acre-feet

CANAL	JACKSON LAKE	AMERICAN FALLS	
		Permanent Right	Additional Lease 1932-35, Incl.
Riley (Poplar Dist.)	1200	793	370 (a)
Progressive Irrig. D.	0	14609	6822
Farmers Friend	2000	0	0
Enterprise Canal Co.	6100	10509	4908 (b)
Harrison Canal Co.	5000	11994	5601
Idaho Irrig. District	0	26986	12602
Rudy Canal Co.	2000	2000	934 (c)
Burgess Canal Co.	5120	7496	3501
Lowder & Jennings	1040	0	0
Consolidated Feeder	4000	0	0
Lenroot Canal Co.	3000	4504	2103
Reid Canal Co.	0	3002	1402
Dilts Canal Co.	0	1034	483
Enterprise Irrig. District	0	12000	5604
Butte & Market Lake	0	3002	1402
Osgood Canal	0	15852	7403
Kennedy & Burgraff	355	0	0
New Sweden Irrig. District	5000	28528	13322
Martin Canal Co.	1500	2250	1050
Bear Island	0	225	105
C. D. Smith	0	79	37
Woodville Canal Co.	0	9000	4200
Snake River Valley	15000	27643	12909
Blackfoot Canal Co.	C	15033	7020 (d)
Peoples Canal Co.	8000	22519	10516
Aberdeen-Springfield	42685	41333	19306 (e)
Corbett Slough Co.	0	4000	1868
Trego Canal Co.	0	1462	683
Minidoka Irrig. District	186030	50000	23350
Burley Irrig. District	139780	0	50000
Milner Low Lift District	0	34113	15931 (f)
Twin Falls Canal Co.	97183	151185	70603
Hillsdale Irrig. District	0	41146	19215
North Side Canal Co.	322007	278832	130215 (g)
American Falls D. surplus	0	278	128
Idaho Power Co.	0	45000	0
Gooding Project	0	400000	0
Total	847000	1266407	433593

(a) Does not include assignment from Enterprise Canal Co. of 900 ac.ft.
(b) Assigned 900 ac.ft. of this lease to Riley and 900 ac.ft. to Rudy.
(c) Does not include assignment from Enterprise Canal Co. of 900 ac.ft.
(d) Assigned 2,020 ac.ft. of this lease to Aberdeen-Springfield Canal Co.
(e) Does not include assignment from Blackfoot Canal of 2,020 ac.ft.
(f) Assigned 9,931 ac.ft. of this lease to North Side Canal Co.
(g) Does not include assignment of 9,931 ac.ft. from Milner L. L. District.

HENRY'S LAKE RIGHTS

Reservoir capacity about 80,000 acre-feet of which about 4,300 acre-feet is unavailable until outlet channel is dredged.

CANAL	% OWNERSHIP IN RESERVOIR
Marysville	4.1
Dewey	3.06
Last Chance	8.14
St. Anthony Union	6.8
Salem Union	24.2
Egin	6.8
Independent	26.8
Consolidated Farmers	20.1

LAKE WALCOTT

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

EMMA MATILDA & TWO OCEAN RESERVOIRS

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

PLATE NO I.

MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS

SCALE 1" = 24 STATUTE MILES

NO.	STATION
1	JACKSON LAKE AT MORAN WYO.
2	SNAKE RIVER NR. MORAN WYO.
3	SNAKE RIVER NR. HEISE, IDA.
4	GREAT FEEDER CANAL NR. RIRIE, IDA.
5	SNAKE RIVER AT LORENZO, IDA
6	SNAKE RIVER NR. SHELLEY, IDA
7	SNAKE RIVER NR. BLACKFOOT, IDAHO (BLACKFOOT BRIDGE)
8	SNAKE RIVER AT CLOUGHS RANCH (formerly listed as NR. BLACKFOOT)
9	SNAKE RIVER AT NEELEY IDA
10	LAKE WALCOTT NR. MINIDOKA, IDA.
11	SNAKE RIVER NR. MINIDOKA, IDA.
12	NORTH SIDE MINIDOKA CANAL NR. MINIDOKA, IDA.
13	SOUTH SIDE MINIDOKA CANAL NR. MINIDOKA, IDA.
14	LAKE MILNER AT MILNER IDA
15	NORTH SIDE TWIN FALLS CANAL AT MILNER, IDA.
16	SOUTH SIDE TWIN FALLS CANAL AT MILNER, IDA.
17	SNAKE RIVER AT MILNER IDAHO
18	HENRYS LAKE RESERVOIR NR LAKE IDA.
19	HENRYS FORK NR. LAKE, IDA.
20	HENRYS FORK NR ASHTON, IDA.
21	HENRYS FORK AT ST. ANTHONY, IDA.
22	HENRYS FORK NR. REXBURG, IDA
23	FALL RIVER NR. SQUIRREL IDA.
24	FALL RIVER NR. CHESTER IDA.
25	TETON RIVER NR. ST. ANTHONY, IDA.
26	BLACKFOOT RIVER NR. BLACKFOOT, IDA.

AUXILIARY STATIONS

A	SNAKE RIVER AT SOUTH BOUNDARY YELLOWSTONE PARK
B	HENRYS FORK AT WARM RIVER, IDA.
C	WARM RIVER AT WARM RIVER, IDA.
D	ROBINSON CREEK AT WARM RIVER, IDA.
E	PORT NEUF RIVER AT POCATELLO, IDA.
F	SNAKE RIVER AT ROBERTSON RANCH

NEW REGULAR STATIONS

27	AMERICAN FALLS RESERVOIR AT AM FALLS, IDA.
28	SNAKE RIVER AT AMERICAN FALLS, IDA.

CLARK
FREMONT
JEFFERSON
MADISON
TETON
BONNEVILLE
BINGHAM
POWER
BANNOCK
CARIBOU
LINCOLN
GOODING
JEROME
MINIDOKA
BLAINE
CASSIA
TWIN FALLS
IDAHO
WYOMING
HENRYS LAKE RESERVOIR
YELLOWSTONE NATIONAL PARK
JACKSON LAKE RESERVOIR
HENRYS FORK
FALL RIVER
TETON RIVER
SNAKE RIVER
BLACKFOOT RIVER
PORT NEUF RIVER
GRAYS LAKE
ST. ANTHONY
REXBURG
IDAHO FALLS
POCATELLO
AMERICAN FALLS
RUPERT
BURLEY
TWIN FALLS
BOISE

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

HYDROGRAPH FOR JACKSON LAKE RESEKVOIR, BEGINNING OCT. 1, 1923

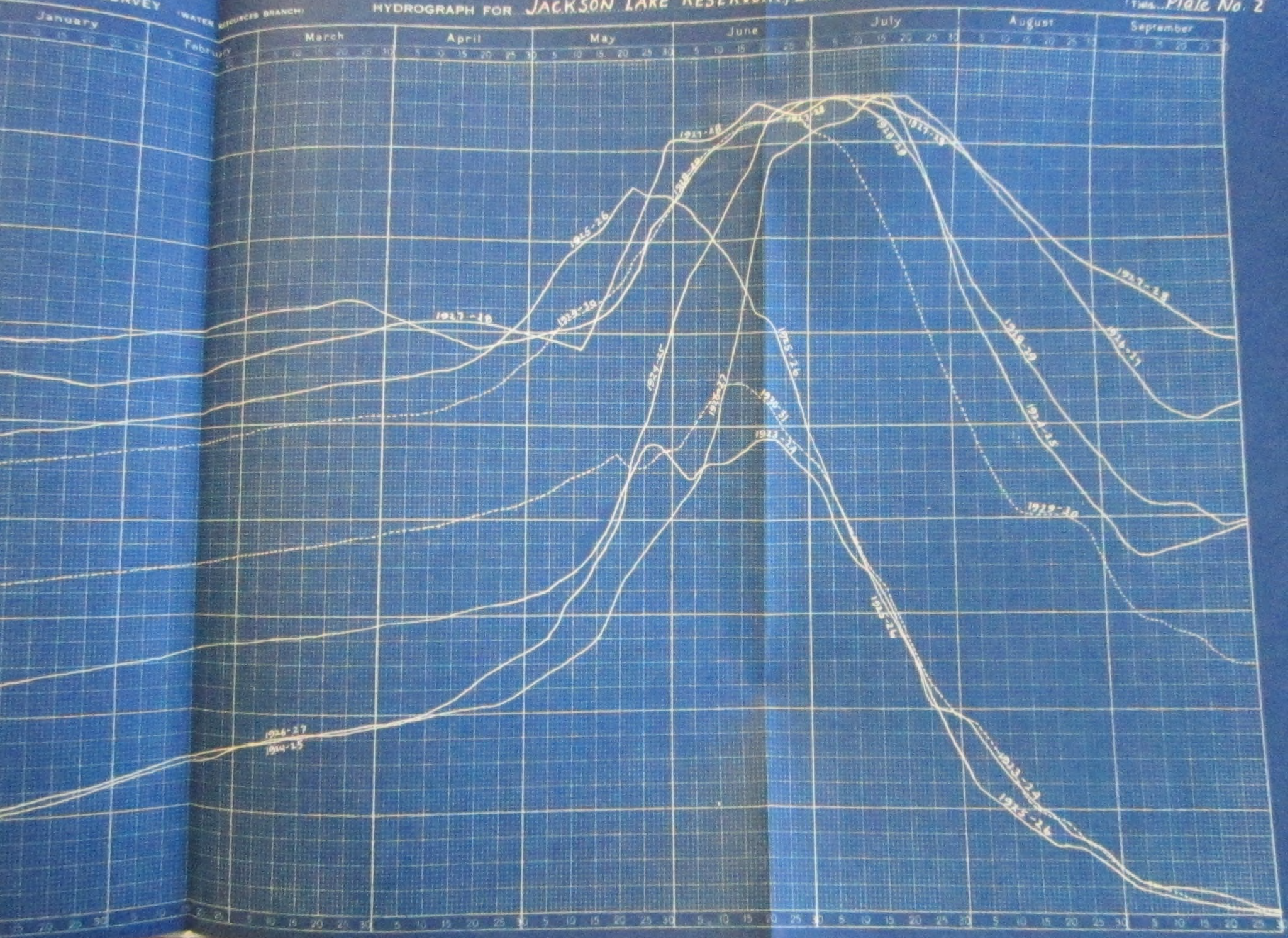
November December January February March April May June July

1928-29
1927-28
1925-26
1929-30
1930-31
1923-24
1926-27
1924-25
1927-28
1925-26
1926-27
1924-25

EOLOGICAL SURVEY (WATER RESOURCES BRANCH)

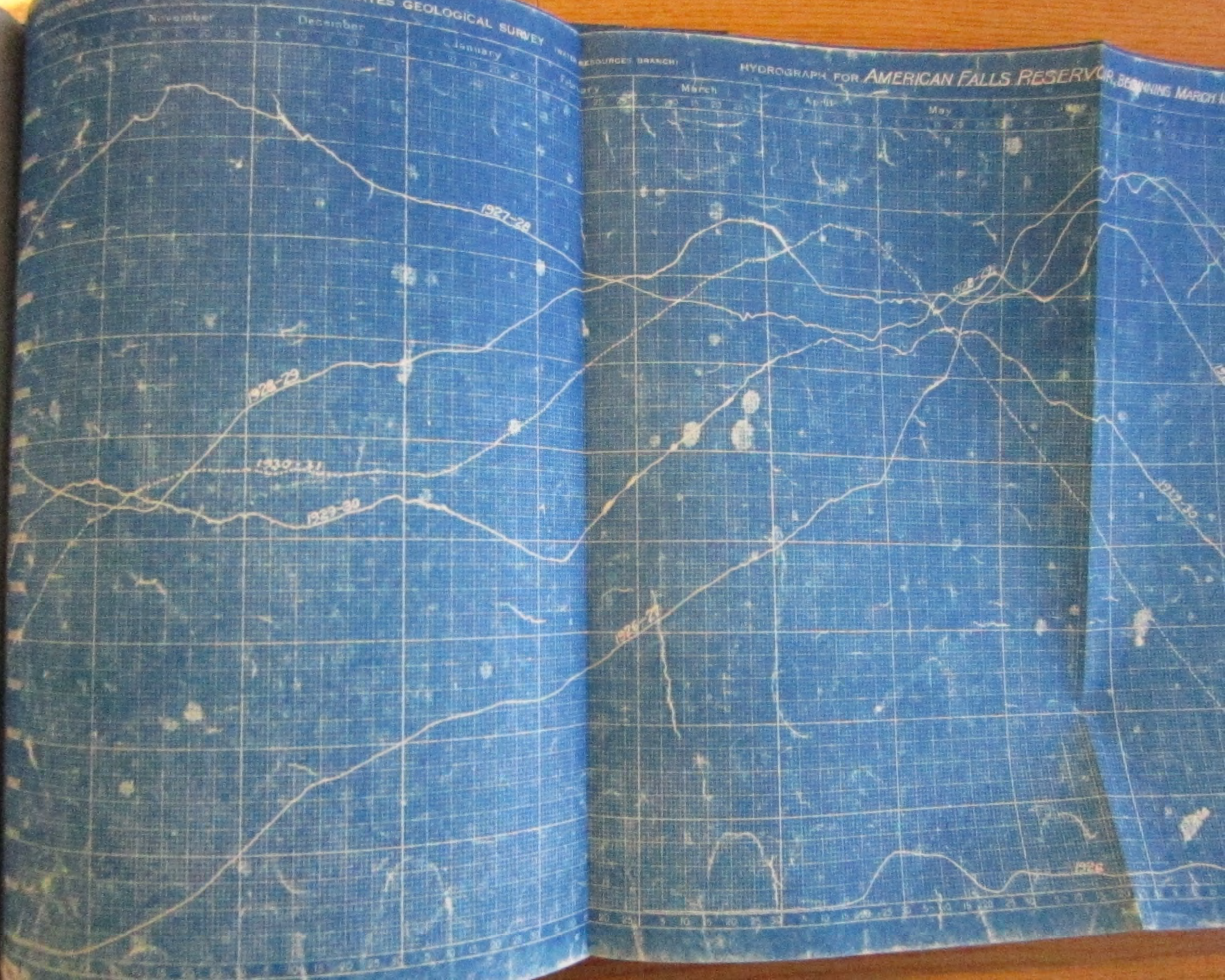
HYDROGRAPH FOR JACKSON LAKE RESERVOIR, BEGINNING OCT. 1, 1923

File No. Washington
Title Plate No. 2



DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR, BEGINNING MARCH 1



HYDROGRAPH FOR AMERICAN FALLS RESERVOIR, BEGINNING MARCH 1ST. 1926.

PLATE NO. III

February March April May July August September

1700000 1600000 1500000 1400000 1300000 1200000 1100000 1000000 900000 800000 700000 600000 500000 400000 300000 200000 100000

STORAGE IN ACRE FEET

1926-27 1927-28 1928-29 1912-13 1925

DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE-FEET OF SNAKE RIVER AT HEELEY, IDAHO.
(MONTGOMERY FERRY PRIOR TO 1906)

ANNUAL RUNOFF IN MILLIONS OF ACRE-FEET

1 2 3 4 5 6 7 8 9

35 year mean = 6,250,000

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
6490000	7320000	5820000	7510000	No Record	5080000	5440000	5450000	7280000	4150000	5430000	8510000	6770000	8540000	7230000	7080000	8040000	8600000	7550000	4950000	6820000	8120000	7590000	4610000	5330000	6770000	6020000	5630000	3900000	5230000	4780000	6470000	6743000	4770000	4242000	3277000

Note: Run-off totals are for climatological year ending Sept. 30th. and 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 HUNDREDS OF THOUSANDS OF ACRE-FEET

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

28 year mean = 1,075,000

1904	1,301,910.
1905	779,570.
1906	899,220.
1907	1,282,000.
1908	1,123,600.
1909	1,461,300.
1910	1,238,070.
1911	1,345,790.
1912	1,214,110.
1913	1,436,000.
1914	1,149,360.
1915	770,130.
1916	1,222,180.
1917	1,238,040.
1918	1,248,200.
1919	685,190.
1920	993,105.
1921	1,067,370.
1922	1,006,850.
1923	944,500.
1924	647,730.
1925	1,328,000.
1926	761,000.
1927	1,417,000.
1928	1,331,000.
1929	865,000.
1930	794,000.
1931	516,000.

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 1931

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	
BILLY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	17	20	21	19	9	7	7	6	12	21	18	11	10	[illegible]
ANDERSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	251	325	321	378	305	295	243	320	336	314	306	305	288	294	[illegible]
EAGLE ROCK	155	153	155	155	155	159	159	158	194	230	266	302	339	415	485	536	[illegible]	278	256	249	501	455	471	484	489	454	418	422	413	388	401	[illegible]
FARMERS FRIEND	90	95	100	105	110	113	3	231	231	231	231	231	231	344	302	354	350	316	320	320	372	325	318	336	344	348	368	276	272	228	312	[illegible]
ENTERPRISE	80	82	85	88	92	95	95	100	107	115	122	129	136	76	12	20	196	179	174	141	86	16	16	16	18	127	117	119	115	149	119	[illegible]
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	[illegible]
MATTSON & CRAIG	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	7	9	7	7	9	11	10	8	8	9	3	4	5	5	5	7	124
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	10	12	12	13	13	13	13	13	13	13	13	13	13	26	26	32	31	30	30	36	36	34	34	46	49	52	51	52	16	0	0	745
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	4	4	4	3	3	2	2	3	25
STEELE	1	1	1	1	1	1	1	1	1	3	6	9	12	12	9	8	7	8	8	8	8	8	8	8	8	9	8	8	8	8	8	187
HARRISON	100	105	110	115	122	130	229	225	222	285	345	405	464	403	6	6	468	472	472	468	472	464	219	8	240	487	458	460	445	447	462	9374
CHENEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	4	8	7	8	7	7	7	7	0	0	0	0	0	4	4	4	81
BOOMER	10	12	14	15	16	18	18	17	16	56	100	140	186	125	150	150	139	139	133	125	111	109	103	102	101	101	102	101	12	12	12	2443
RUDY	38	40	42	44	46	49	48	56	64	66	70	100	184	163	153	153	142	142	165	166	143	145	76	6	6	149	188	185	192	188	167	3376
KITE & NORD	2	2	2	3	3	3	2	2	2	3	3	4	4	9	9	5	4	4	9	9	10	0	0	0	0	9	7	7	7	7	8	[illegible]
BURGESS	350	360	375	385	395	401	473	472	471	552	633	714	795	740	658	635	740	803	791	724	662	12	12	12	424	855	839	839	839	839	835	17635
CLARK & EDWARDS	12	16	20	24	28	32	31	36	41	46	51	56	63	80	80	78	77	75	77	75	76	77	76	75	76	76	75	75	74	75	75	1828
LOWDER	2	2	3	3	4	5	9	10	11	11	12	13	17	43	21	36	35	32	47	44	41	30	34	0	0	41	39	40	39	39	39	713
JENNINGS	0	0	0	0	0	0	0	2	4	6	8	10	13	4	5	5	3	11	11	9	8	7	0	0	0	4	8	8	8	7	7	[illegible]
EAST LABELLE	26	27	28	29	30	31	35	40	44	49	53	57	67	136	49	84	66	62	60	56	85	120	109	58	0	141	49	98	106	134	136	2222
CONSOLIDATED FEEDER	30	31	32	33	34	35	36	37	38	40	52	60	68	76	0	0	73	75	75	73	0	0	0	0	0	73	68	68	98	92	73	1370
LENROOT	60	62	64	66	68	70	72	75	78	81	76	102	128	155	28	46	120	120	187	46	28	0	0	0	0	116	211	187	187	167	[illegible]	2242
REID	40	42	44	46	48	50	52	54	57	60	52	58	63	69	103	126	112	140	124	94	140	138	100	103	140	140	122	126	122	105	118	2798
TEXAS FEEDER	36	38	40	42	44	46	48	50	52	54	39	45	52	58	183	245	270	245	196	168	228	228	162	173	270	270	259	259	259	217	236	4512
NELSON COREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	10	0	1	25	27	25	22	22	17	17	182
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	4	4	4	4	16
RIGBY	4	5	5	6	6	7	7	8	8	8	11	16	21	27	21	14	162	157	165	163	163	163	162	162	162	162	102	105	107	105	109	2323
DILTS & ISLAND	40	41	42	43	44	45	46	48	50	52	72	92	112	133	0	0	70	21	117	41	93	93	92	95	103	126	126	124	134	124	174	2353
W. LABELLE & LONG ISLAND	140	145	150	155	160	165	170	175	180	183	225	265	305	350	489	366	306	340	346	316	366	421	432	475	408	270	278	371	367	369	400	9208
PARKS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	80	165	250	339	352	311	290	280	307	297	300	352	307	328	331	352	194	237	241	237	241	5786
NORTH RIGBY	25	25	26	26	28	28	29	29	30	31	35	40	45	50	50	50	44	41	39	38	41	45	44	0	0	0	0	0	0	0	0	839
WHITE	1	1	1	1	1	1	1	1	1	1	3	6	9	11	19	7	6	5	5	5	6	6	7	7	7	7	7	5	5	5	5	151
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
BUTTE & MARKET LAKE	118	119	120	124	128	132	138	144	152	140	127	125	112	90	166	238	225	212	253	232	225	288	268	134	266	293	184	253	253	244	237	5738
OSGOOD	0	0	0	0	0	6	12	12	12	12	39	67	67	67	85	69	70	106	110	111	101	101	102	103	104	[illegible]	118	108	108	108	107	2011
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4	0	4	4	4	4	0	4	4	0	0	0	0	36
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	15	17	19	23	26	23	21	22	24	23	22	11	0	0	0	267
IDAHO	162	162	162	166	166	175	175	190	285	320	323	420	498	545	662	761	794	843	830	871	868	893	902	902	909	840	779	636	627	597	570	16983
GREAT WESTERN	21	22	32	42	52	62	72	82	93	94	100	122	144	150	142	164	219	258	293	330	226	170	169	198	317	369	390	[illegible]	393	396	377	5894
PORTER	22	22	22	22	22	22	22	23	23	24	26	40	65	92	118	76	197	212	204	214	207	72	66	45	136	207	198	210	207	205	207	3228
Coy & Kellar																																
WOODVILLE	24	24	24	24	24	24	24	24	24	27	30	33	37	40	0	56	77	96	87	77	66	0	0	0	0	101	109	65	62	72	79	1327
SNAKE RIVER VALLEY	259	256	282	254	257	197	106	109	102	183	188	174	253	246	215	235	253	488	599	550	448	448	475	462	484	419	285	278	277	148	0	[illegible]
TOTAL HEISE TO WOODVILLE	1859	1907	1964	2052	2079	2117	2127	2418	2606	2946	3371	4013	4747	5069	4669	4900	6273	6500	6871	6457	6551	5929	5108	4682	5906	7116	6591	6490	6377	[illegible]	5861	141224
RESERVATION	274	269	256	283	318	338	294	210	396	470	445	365	262	142	49	91	369	609	547	394	99	0	0	0	0	303	555	508	492	495	461	9254
BLACKFOOT	183	183	183	178	172	166	160	154	148	153	158	163	168	125	131	297	308	349	317	294	255	286	369	334	342	368	353	340	330	345	320	[illegible]
NEW LAVA SIDE	32	33	34	35	36	37	38	38	39	57	75	93	110	117	137	163	164	160	161	147	153	192	[illegible]	118	157	[illegible]	131	129	131	138	135	9283
PEOPLES	130	145	165	181	199	217	235	257	269	315	361	407	452	25	25	249	418	420	425	427	416	426	425	424	427	431	425	433	454	425	478	10832
ABERDEEN	308	308	333	347	378	400	444	447	413	455	510	610	541	0	0	45	876	950	975	969	783	826	811	780	761	1010	1110	1130	1180	1220	1240	20235
CORBETT	62	64	66	69	71	74	76	79	81	78	52	26	0	0	2	182	147	147	137	30	0	126	123	123	133	172	179	155	129	127	123	2831
NIELSEN HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	2	1	1	1	3	2	0	0	0	15
RIVERSIDE	88	88	88	88	88	88	88	88	88	86	70	53	37	95	110	123	128	119	122	108	54	127	123	108	116	116	113	104	113	113	111	3040
DANSKIN	58	58	72	87	102	117	132	147	162	144	96	48	0	33	87	218	244	201	180	158	30	249	178	164	178	195	192	192	182	182	180	4242
TREGO	0	0	4	8	12	16	20	24	28	33	31	29	27	0	39	64	64	64	63	69	0	0	0	0	0	68	69	68	68	68	68	1004
WEARYRICK	25	29	32	35	39	42	45	48	50	41	31	21	10		6	74	66	57	54	38	9	77	64	55	62	62	60	50	53	53	53	[illegible]
WATSON	55	57	63	63	75	81	87	93	79	61	43	25	6	2	0	132	129	108	99	98	2	108	94	90	104	107	106	96	102	102	99	[illegible]
PARSONS	33	33	33	33	33	33	33	33	33	24	16	8	8	0	0	48	45	46	42	29	0	35	27	27	27	27	25	24	22	25	23	[illegible]
TOTAL WOODVILLE TO CLOUGH	1298	1267	1327	1415	1523	1609	1617	1613	1786	1917	1908	1848	1613	540	586	1726	2958	3231	3125	2775	1801	2436	2364	2224	2308	3022	3314	3216	3278	3293	3242	66081

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR JUNE 1931

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
RILEY	0	30	20	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANDERSON	313	344	329	318	308	302	302	332	332	316	333	329	332	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EAGLE ROCK	411	441	469	407	379	392	394	461	467	485	473	459	469	469	475	516	516	516	518	520	520	[illegible]	515	520	522	520	518	513	513	511	[illegible]
FARMERS FRIEND	253	280	295	270	252	319	326	332	338	330	337	338	348	348	344	349	346	[illegible]	348	348	348	348	348	348	342	[illegible]	344	344	344	343	9973
ENTERPRISE	123	178	184	184	186	186	186	[illegible]	[illegible]	186	186	121	121	117	121	76	76	76	76	76	76	76	80	76	77	79	77	78	76	77	3607
NELSON	0	1	0	0	2	0	1	1	1	1	0	0	0	0	1	3	3	3	2	1	2	1	2	3	2	2	1	0	0	2	37
MATTSON & CRAIG	6	10	4	7	8	8	8	8	8	7	7	7	8	7	7	7	7	7	6	6	6	6	6	6	5	6	5	7	7	6	205
ARMSBERGER	0	0	5	3	1	3	4	4	4	3	1	0	5	4	2	5	5	5	4	4	5	6	0	0	0	0	0	0	0	0	73
BUTLER ISLAND	0	0	0	49	49	49	49	50	50	50	49	49	50	48	48	49	50	49	49	49	48	46	46	47	46	46	46	49	49	49	1308
ROSS & RAND	4	4	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	6	5	5	5	5	5	144
STEELE	9	8	8	8	8	8	9	8	9	8	8	8	8	8	9	8	8	8	8	8	8	8	7	7	8	7	7	7	7	8	229
HARRISON	460	458	458	454	456	454	460	464	462	462	16	16	16	16	16	456	456	458	462	456	456	460	456	480	460	472	14	12	12	12	9805
CHENEY	5	4	5	6	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	0	182
BOOMER	12	12	12	12	12	12	13	13	13	13	13	13	14	14	14	15	15	15	15	14	14	14	14	13	13	13	13	12	12	12	396
RUDY	142	190	192	189	191	192	195	195	192	192	195	192	192	188	12	8	6	6	183	183	184	183	183	183	183	187	183	182	183	183	4814
KITE & NORD	8	7	7	7	7	7	8	9	9	9	1	1	6	1	0	9	9	8	9	9	8	8	0	0	0	0	0	6	7	5	165
BURGESS	791	823	831	831	815	815	815	819	823	823	20	20	18	18	20	871	879	895	871	887	879	887	871	879	871	883	18	18	12	18	18021
CLARK & EDWARDS	75	73	74	73	70	71	71	70	71	71	71	72	72	72	72	72	72	72	71	71	70	71	70	70	68	69	68	68	67	71	2128
LOWDER	39	42	41	39	39	33	0	0	0	0	0	42	42	42	41	49	49	49	0	0	0	0	0	0	41	40	41	48	48	48	813
JENNINGS	7	9	9	8	8	8	0	0	0	0	0	8	8	8	8	1	2	2	0	0	0	0	0	0	8	7	7	1	1	1	111
EAST LABELLE	134	120	122	98	105	136	104	134	134	134	134	134	133	133	134	141	141	141	141	142	142	142	143	143	143	144	144	139	134	138	4024
CONSOLIDATED FEEDER	73	64	85	78	76	88	0	0	172	175	168	[illegible]	153	70	70	70	73	90	78	75	68	68	73	78	83	82	78	78	85	83	2410
LENROOT	41	152	110	137	130	161	165	165	163	198	151	155	0	0	164	173	161	147	147	147	0	0	0	0	0	0	0	0	164	164	2835
REID	130	123	109	103	95	130	141	151	147	143	129	122	153	151	153	147	154	154	151	150	154	156	156	161	156	154	137	143	133	113	4178
TEXAS FEEDER	259	284	284	262	278	256	248	256	257	241	238	204	253	266	232	260	257	255	235	195	195	182	213	200	200	190	195	200	200	169	6364
NELSON COREY	17	18	18	18	18	18	17	18	18	18	17	14	17	17	16	17	17	17	17	15	17	17	12	12	12	12	11	12	12	12	471
HILL PETTINGER	4	5	5	6	6	5	6	5	0	6	5	4	3	3	3	3	3	5	3	3	3	2	0	0	0	0	0	0	0	0	89
RIGBY	4	4	163	4	92	163	163	163	163	163	163	158	160	156	163	160	163	163	160	162	162	162	162	162	162	159	162	162	162	152	4307
DILTS & ISLAND	145	136	126	114	120	122	124	140	143	145	175	114	149	163	165	132	159	159	153	157	147	99	88	88	84	94	122	122	122	116	3834
W. LABELLE & LONG ISLAND	427	400	416	384	437	437	437	427	502	443	562	551	562	562	562	500	478	497	470	418	483	546	545	551	529	535	529	529	535	535	14783
PARKS & LEWISVILLE	247	250	237	234	278	272	322	333	345	338	345	345	343	343	343	343	340	343	334	334	341	340	340	346	343	357	346	353	353	353	9739
NORTH RIGBY	0	0	0	50	50	47	45	53	55	55	55	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	49	50	50	50	1369
WHITE	6	6	5	5	5	5	4	5	7	7	6	7	6	6	6	5	4	4	3	3	6	5	5	5	5	5	5	5	5	4	155
ELLIS	0	0	0	0	0	0	0	0	0	0	5	9	8	7	8	5	5	0	2	0	4	5	4	4	5	5	5	5	5	5	96
BRAMWELL	20	16	2	0	0	0	0	0	0	6	13	16	14	12	15	12	13	4	9	4	13	12	11	12	11	9	5	6	6	6	252
BUTTE & MARKET LAKE	258	246	267	223	264	262	264	271	230	20	20	20	20	20	5	233	288	288	288	272	276	288	282	255	233	0	0	0	0	0	5093
OSGOOD	107	108	108	107	106	106	105	105	103	106	106	106	106	110	110	110	113	110	109	110	108	108	108	106	108	109	110	110	108	92	3219
BEAR ISLAND	0	0	3	4	4	3	4	2	3	0	4	3	4	0	0	3	0	0	0	0	0	4	3	4	3	4	3	4	0	2	64
SMITH	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
KENNEDY	0	14	24	26	25	24	24	26	29	30	32	32	35	[illegible]	37	[illegible]	[illegible]	36	34	33	33	35	32	30	32	30	30	28	25	24	874
IDAHO	543	689	776	877	912	976	960	966	982	1000	992	995	982	36	36	36	36	36	995	986	1046	1070	1070	1070	1070	1070	989	1010	995	986	24231
GREAT WESTERN	377	376	369	359	370	384	383	387	392	394	394	394	395	393	388	390	386	381	374	372	377	325	307	307	307	309	309	313	313	313	10893
PORTER	202	197	197	190	176	202	197	204	204	207	202	207	207	198	198	209	204	202	197	205	205	170	170	167	170	168	168	168	170	185	5746
COY & KELLER																															
WOODVILLE	70	69	76	82	76	75	71	76	91	88	84	83	79	72	69	66	64	87	0	0	0	0	103	111	111	86	88	89	85	87	2132
SNAKE RIVER VALLEY	0	381	581	599	617	615	575	561	652	658	535	563	550	523	537	552	554	548	550	527	533	527	522	533	318	214	444	544	540	562	15135
TOTAL HEISE TO WOODVILLE	5774	6544	7028	6843	7084	7363	7238	7445	7696	7423	6282	6178	6123	5051	5003	6517	6565	6603	7485	7360	7340	7313	7312	7410	7174	6841	5657	5771	5920	5854	200305
RESERVATION	499	522	567	610	515	448	374	355	338	345	319	343	403	558	551	519	386	0	121	219	0	0	0	0	0	0	0	0	0	0	7992
BLACKFOOT	325	349	360	357	326	319	270	251	243	270	295	314	351	404	369	373	367	377	366	336	343	0	0	0	0	370	371	357	380	370	8813
NEW LAVA SIDE	150	150	152	150	150	154	140	150	150	151	151	152	0	0	0	0	0	161	151	161	152	151	151	80	0	0	0	0	75	75	2937
PEOPLES	424	424	424	422	475	431	416	424	0	0	0	0	10	422	420	418	418	422	420	406	441	420	418	422	420	420	422	418	420	0	10132
ABERDEEN-SPRINGFIELD	1210	1230	1230	1230	1240	1230	822	298	0	0	0	299	783	1110	1180	1200	1190	1200	1120	895	799	833	876	873	908	889	873	884	902	921	26220
CORBETT	90	128	146	0	0	91	30	40	165	181	185	183	87	195	184	175	182	197	173	68	50	66	162	162	165	116	132	119	129	128	3729
NIELSEN-HANSEN	0	0	0	4	1	0	0	0	6	14	13	13	11	20	20	15	14	22	14	0	0	0	21	20	23	21	16	8	12	14	302
RIVERSIDE	107	120	118	118	119	110	101	112	118	118	117	115	117	117	116	115	115	115	111	100	91	117	106	119	120	126	120	117	124	120	3439
DANSKIN	178	182	186	198	184	182	115	154	186	183	184	183	182	186	187	183	183	180	172	0	0	0	170	170	171	169	177	157	182	177	4744
TREGO	66	67	67	63	66	64	0	0	0	0	55	68	66	66	67	64	66	68	69	0	0	0	0	65	72	72	65	66	66	64	1447
WEARYRICK	43	42	33	61	52	44	33	43	62	59	54	51	51	56	56	50	59	52	43	34	7	2	59	55	60	69	40	40	52	45	1441
WATSON	98	97	98	102	97	94	72	84	127	117	116	111	118	122	121	115	112	126	95	33	0	0	127	120	124	134	107	88	112	102	2970
PARSONS	18	24	24	25	23	23	16	21	34	38	34	33	30	36	30	26	23	24	19	0	0	0	33	31	33	36	19	22	23	32	730
TOTAL WOODVILLE TO CLOUGH	3208	3360	3412	3396	3198	3190	2389	1932	1429	1476	1523	1865	2207	3292	3294	3253	3107	2941	2869	2248	1882	1569	2117	2117	2078	2470	2348	2278	2477	2046	74916

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR JULY 1931

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
RILEY	71	77	78	74	27	27	26	26	21	21	21	21	20	19	19	[illegible]
ANDERSON	343	343	349	344	343	343	347	342	344	338	337	336	334	333	337	315
EAGLE ROCK	511	405	401	401	503	503	503	505	503	503	505	[illegible]	[illegible]	526	524	509
FARMERS FRIEND	343	334	332	332	332	331	355	352	355	354	354	354	354	354	355	356
ENTERPRISE	77	77	78	77	73	73	72	75	75	74	71	70	70	69	69	74
NELSON	2	1	1	2	1	0	1	1	1	1	1	1	0	1	0	2
MATTSON & CRAIG	3	6	8	7	7	7	5	8	8	10	10	8	8	9	11	12
ARNSBERGER	0	0	0	0	0	0	0	0	4	4	4	3	1	1	0	0
BUTLER ISLAND	48	48	44	48	47	46	46	46	45	45	46	50	50	50	49	50
ROSS & RAND	5	5	6	6	6	6	6	6	5	4	5	0	0	0	0	0
STEELE	7	7	7	7	7	6	6	7	7	8	8	8	8	8	9	9
HARRISON	6	472	485	472	481	485	498	481	481	472	472	472	10	12	8	8
CHENEY	0	0	0	0	0	4	4	0	0	0	0	0	0	2	3	3
BOOMER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
RUDY	183	12	10	6	6	204	183	183	182	184	184	182	182	14	10	10
KITE & NORD	5	0	0	0	3	0	0	0	4	2	1	1	1	5	4	4
BURGESS	18	871	887	899	907	899	907	915	919	927	927	927	18	20	20	20
CLARK & EDWARDS	71	70	70	71	70	70	70	70	69	69	69	70	70	65	64	64
LOWDER	0	0	0	0	0	0	0	41	42	42	0	0	0	0	0	0
JENNINGS	0	0	0	0	0	0	0	8	4	4	0	0	0	0	0	0
EAST LABELLE	138	137	137	136	135	136	135	134	136	132	134	12	150	150	150	151
CONSOLIDATED FEEDER	83	83	81	90	0	0	0	0	83	76	87	75	80	66	0	0
LENROOT	148	158	163	163	163	0	0	0	0	0	0	0	0	0	0	160
REID	76	76	107	146	141	136	142	44	170	170	173	168	72	68	72	72
TEXAS FEEDER	159	209	203	203	203	202	203	174	170	173	173	172	172	172	170	160
NELSON-COREY	0	0	0	13	12	12	12	12	11	10	10	10	9	10	9	9
HILL-PETTINGER	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3
RIGBY	163	163	163	163	163	162	163	163	162	159	158	157	156	155	152	153
DILTS & ISLAND	114	74	71	74	74	74	74	74	74	82	82	93	102	100	74	156
W. LABELLE & LONG ISLAND	532	472	526	532	537	535	518	524	518	524	529	529	529	529	448	440
PARKS & LEWISVILLE	353	353	350	350	353	329	353	353	353	345	350	350	348	348	346	346
NORTH RIGBY	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
WHITE	4	4	7	7	7	7	7	7	7	7	8	0	0	8	8	8
ELLIS	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6	6
BRAMWELL	13	6	10	12	12	11	13	12	9	9	8	9	9	9	10	10
BUTTE & MARKET LAKE	0	139	140	128	124	128	144	139	138	111	0	0	0	129	142	143
OSGOOD	103	102	0	0	0	0	103	102	105	108	107	105	106	108	108	110
BEAR ISLAND	2	2	0	0	0	0	0	0	0	0	0	0	0	3	4	3
SMITH	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1
KENNEDY	75	13	0	0	0	0	28	27	26	25	17	19	19	31	30	26
IDAHO	479	644	830	818	710	725	764	764	764	761	756	755	752	761	756	755
GREAT WESTERN	304	307	63	0	0	0	341	451	451	440	456	452	446	444	446	446
PORTER	173	185	14	0	0	0	257	264	264	268	266	270	264	261	266	275
COY & KELLER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
WOODVILLE	0	0	0	0	86	85	85	83	83	84	82	81	0	0	0	0
SNAKE RIVER VALLEY	493	427	415	223	23	444	533	550	550	550	548	556	546	537	248	0
TOTAL HEISE TO WOODVILLE	5554	4983	4093	5808	5632	6013	6985	7069	7215	7187	7031	6519	5485	5446	5172	4982
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	0	0	0	0	368	369	370	370	371	370	374	372	0	0	0	0
NEW LAVA SIDE	75	82	82	160	160	160	160	160	160	160	160	0	0	0	0	80
PEOPLES	0	0	0	0	416	422	422	422	420	420	420	420	424	418	420	416
ABERDEEN-SPRINGFIELD	460	0	0	0	627	930	914	845	828	826	873	876	873	870	870	826
CORBETT	115	0	0	0	0	0	124	102	114	118	124	132	0	0	0	0
NIELSEN-HANSEN	14	22	18	15	4	13	3	0	12	12	12	13	19	16	16	17
RIVERSIDE	120	126	128	126	115	121	117	118	124	0	0	118	124	124	127	125
DANSKIN	174	187	182	187	186	188	187	176	170	188	186	159	184	179	178	180
TREGO	65	0	0	0	0	69	64	47	65	65	65	65	64	65	0	0
WEARY RICK	43	76	48	66	40	41	59	12	35	41	43	30	53	52	56	64
WATSON	100	150	110	110	104	122	103	0	76	92	92	57	96	99	94	103
PARSONS	29	34	30	33	30	21	21	0	20	22	22	12	20	20	23	21
TOTAL WOODVILLE TO CLOUGH	1145	1676	618	1471	2010	2458	2540	2202	2379	2314	2271	2242	1857	1853	1784	1885

NAME OF CANAL	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
RILEY	0	24	23	24	22	22	22	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANDERSON	371	372	373	374	377	380	380	381	381	387	[illegible]	376	371	374	[illegible]	[illegible]
EAGLE ROCK	511	511	509	516	513	513	516	513	518	485	483	483	475	[illegible]	[illegible]	[illegible]
FARMERS FRIEND	358	358	358	360	360	360	[illegible]	361	361	361	[illegible]	[illegible]	356	356	327	10986
ENTERPRISE	74	74	74	74	75	75	76	74	74	74	74	74	76	75	75	2293
NELSON	1	2	2	1	2	1	1	1	0	0	0	0	0	0	0	27
MATTSON & CRAIG	9	11	12	13	9	12	11	12	12	10	10	13	15	15	8	299
ARNSBERGER	0	3	1	1	3	2	2	2	1	2	0	0	0	0	0	34
BUTLER ISLAND	50	50	49	49	48	48	47	46	46	46	44	44	50	49	47	1471
ROSS & RAND	4	4	4	4	6	0	0	0	0	0	5	5	4	5	4	105
STEELE	9	8	8	8	8	8	8	8	8	8	7	7	8	8	8	238
HARRISON	10	464	468	472	464	464	464	464	464	489	12	10	8	10	10	9588
CHENEY	3	3	3	2	2	2	2	2	2	2	4	4	4	4	4	53
BOOMER	10	6	6	6	6	5	5	5	5	5	5	5	5	5	5	244
RUDY	10	175	175	177	175	175	177	177	176	175	175	12	8	10	10	3541
KITE & NORD	1	1	1	1	1	1	1	0	0	1	1	2	3	1	1	46
BURGESS	20	887	915	927	899	895	891	891	899	887	20	20	20	20	20	18292
CLARK & EDWARDS	70	69	70	70	69	69	70	68	69	69	69	68	66	66	66	2130
LOWDER	0	0	0	41	43	43	43	51	0	0	0	0	0	0	0	346
JENNINGS	0	0	0	7	7	7	7	6	0	0	0	0	0	0	0	50
EAST LABELLE	158	150	141	141	138	139	138	132	141	140	140	141	140	141	140	4223
CONSOLIDATED FEEDER	0	0	0	73	75	78	85	90	87	0	0	0	0	0	75	1367
LENROOT	160	160	160	160	0	0	0	0	0	0	0	160	160	160	153	2228
REID	72	72	69	72	72	72	161	167	64	71	71	71	71	71	71	3170
TEXAS FEEDER	173	174	174	174	174	176	176	176	176	176	177	177	177	177	146	5516
NELSON-COREY	12	12	12	12	12	12	12	11	10	11	9	5	12	12	2	295
HILL-PETTINGER	0	0	0	0	0	0	0	3	3	4	2	2	1	2	1	45
RIGBY	154	151	159	159	159	159	159	159	159	159	0	0	0	0	0	4132
DILTS & ISLAND	140	153	141	74	72	102	102	100	98	100	74	74	155	155	151	3083
W. LABELLE & LONG ISLAND	446	421	413	510	535	537	526	524	524	521	543	545	454	440	432	15593
PARKS & LEWISVILLE	345	345	348	348	348	350	350	349	336	343	352	352	352	348	340	10780
NORTH RIGBY	50	50	50	50	50	50	50	50	45	45	50	50	50	50	0	1490
WHITE	8	6	6	7	8	8	0	0	8	8	7	7	7	7	6	189
ELLIS	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	144
BRAMWELL	10	10	9	9	10	10	9	10	8	9	9	9	8	9	9	300
BUTTE & MARKET LAKE	135	141	143	141	148	149	131	132	131	156	163	152	141	121	116	3708
OSGOOD	108	109	108	106	94	105	106	106	107	104	102	101	102	109	101	2830
BEAR ISLAND	4	3	4	3	4	0	0	0	0	0	3	4	0	0	0	34
SMITH	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	13
KENNEDY	21	22	18	22	25	25	24	24	24	23	23	24	24	22	13	623
IDAHO	761	737	734	731	734	740	731	731	731	454	388	395	408	375	161	22088
GREAT WESTERN	451	454	334	352	339	336	337	334	341	344	335	330	305	290	286	10292
PORTER	272	279	178	178	178	178	175	176	173	183	178	176	147	154	147	5802
COY & KELLER	2	1	1	1	1	1	1	2	1	1	2	1	1	1	0	34
WOODVILLE	74	83	77	78	80	76	79	0	0	0	0	0	82	72	73	1448
SNAKE RIVER VALLEY	0	481	548	548	531	571	552	556	577	567	372	312	318	296	217	13189
TOTAL HEISE TO WOODVILLE	5073	7043	6725	6926	6883	6965	6998	6922	6781	6440	6464	5094	4610	4655	4674	189236
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	0	347	411	356	356	344	354	0	0	0	0	0	0	356	356	5866
NEW LAVA SIDE	80	80	80	80	80	80	80	80	80	80	80	82	159	80	80	2880
PEOPLES	0	0	0	0	0	422	422	420	422	424	420	416	420	418	429	9253
ABERDEEN-SPRINGFIELD	811	752	722	722	740	744	748	789	795	792	780	777	780	783	857	22224
CORBETT	0	68	85	70	70	72	86	95	91	92	97	85	81	80	66	1967
NIELSEN-HANSEN	13	9	8	6	7	2	5	4	7	6	7	9	5	5	3	302
RIVERSIDE	129	130	130	129	130	132	127	0	0	0	127	137	125	128	130	3261
DANSKIN	176	176	179	172	178	178	177	170	170	170	171	170	[illegible]	174	178	5435
TREGO	0	0	0	0	0	65	63	65	73	77	0	0	63	70	73	1186
WEARY RICK	56	53	46	54	56	53	43	48	47	60	53	62	42	52	58	1617
WATSON	102	99	103	99	99	104	84	102	121	117	118	124	80	121	104	3048
PARSONS	23	23	24	24	25	26	24	24	40	36	33	34	28	34	22	729
TOTAL WOODVILLE TO CLOUGH	1790	1757	1788	1712	1736	2221	2228	1797	1840	1854	1806	1888	1936	2301	2356	57855

DAILY DISCHARGE IN SEC. FT. OF SNAKE RIVER CANALS FOR AUG. 192[illegible]

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
Stage of Snake																																
Riley	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Anderson	[illegible]	280	290	288	286	284	284	281	280	280	281	277	277	273	277	273	273	277	277	273	273	272	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Eagle Rock	280	237	224	334	334	332	334	348	368	368	372	370	370	370	368	368	368	368	314	283	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Farmers Friend	253	212	252	273	348	[illegible]	350	348	346	343	340	316	313	316	338	295	285	282	234	284	262	235	343	342	316	265	262	269	240	312	[illegible]	9183
Enterprise	75	60	65	67	60	60	61	59	60	59	58	58	59	60	6	6	6	6	70	62	65	45	45	75	75	75	75	[illegible]	75	75	6	1759
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	1	0	0	1	10	12	12	13	13	15	15	15	12	7	5	4	2	2	0	0	0	0	6	15	15	4	4	5	7	5	6	206
Arnsberger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butler Island	46	38	46	46	46	45	45	46	45	45	50	50	50	50	50	49	50	48	44	44	42	46	49	49	49	40	48	49	49	50	46	1450
Ross & Rand	3	3	4	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	5	2	2	2	2	2	2	4	45
Steele	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	8	8	8	8	0	0	7	7	8	8	8	8	241
Harrison	10	10	451	447	472	472	472	472	10	8	8	10	10	10	10	10	468	464	414	16	12	12	10	19	10	8	8	8	414	[illegible]	[illegible]	5532
Cheney	4	3	0	0	0	0	0	0	0	0	0	4	4	6	6	6	4	4	3	4	4	4	0	0	0	0	6	5	4	4	4	79
Boomer	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	155
Rudy	173	173	173	173	175	173	175	173	12	8	8	8	169	169	169	172	169	175	174	8	8	6	6	175	172	174	161	174	11	11	11	3538
Kite & Nord	0	0	0	0	0	0	0	0	5	5	5	3	0	0	0	0	0	0	0	4	6	5	0	0	0	0	0	0	0	0	0	33
Burgess	20	20	887	875	875	847	879	887	20	20	20	895	887	895	891	20	20	20	20	374	398	423	401	430	423	426	408	426	430	430	423	13952
Clark & Edwards	69	67	70	71	70	70	70	70	66	64	64	70	68	64	64	64	64	70	69	70	65	64	64	69	68	68	62	62	64	65	[illegible]	2014
Lowder	0	0	0	22	22	22	22	25	22	30	35	0	0	0	0	0	30	30	34	0	0	0	0	0	23	24	17	24	14	14	14	432
Jennings	0	0	0	0	0	0	0	0	0	8	6	0	0	0	0	8	8	8	8	0	0	0	0	0	4	4	2	4	0	1	0	53
East Labelle	140	132	118	80	120	120	120	106	76	84	106	106	106	126	126	126	126	125	126	120	129	126	126	126	99	99	86	99	112	111	109	3511
Consolidated Feeder	46	0	0	0	0	90	90	97	98	98	0	0	0	0	98	81	100	88	61	71	78	110	0	0	0	0	0	96	105	[illegible]	95	1614
Lenroot	0	0	0	0	0	0	0	0	0	0	153	158	153	152	0	0	0	0	0	0	0	0	0	70	68	70	89	89	89	0	0	1091
Reid	52	31	67	69	69	69	68	68	68	68	66	144	144	141	67	65	67	67	51	40	36	62	67	67	67	67	67	65	67	67	67	2180
Texas Feeder	126	79	105	142	178	178	178	177	177	177	177	177	177	176	176	176	119	117	86	61	61	42	160	176	176	176	122	159	165	174	174	4528
Nelson Corey	0	0	0	0	0	12	12	12	12	12	12	12	12	11	11	8	0	0	0	0	0	0	12	13	12	0	0	0	0	0	1	152
Hill Pettinger	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	1	4	4	0	0	0	0	0	1	30
Rigby	160	157	118	159	159	159	159	159	125	160	161	0	0	0	0	0	93	87	49	93	93	93	93	144	153	160	136	158	160	153	160	35[illegible]
Dilts & Island	71	68	49	71	88	123	121	123	123	123	71	62	60	60	59	66	62	61	58	100	102	100	96	68	68	64	55	71	65	61	61	2430
W. Labelle & Long Island	408	397	273	244	353	363	363	363	363	363	363	338	363	363	413	413	347	361	361	330	346	382	371	346	356	287	249	311	330	350	350	10875
Parks & Lewisville	381	314	270	221	300	317	288	336	285	311	304	280	299	292	294	314	270	273	257	215	321	277	270	231	297	283	234	294	328	297	380	8903
North Rigby	0	0	0	0	41	50	50	50	50	50	0	0	70	0	0	50	50	50	49	47	48	48	48	44	42	42	28	39	44	41	50	1011
White	6	5	0	0	0	3	7	7	7	7	7	6	6	0	0	7	6	6	5	3	5	4	4	4	0	0	0	4	5	4	5	125
Ellis	5	5	0	0	0	3	3	0	5	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	1	0	0	0	3	0	0	41
Bramwell	6	6	0	0	0	5	4	7	7	7	6	6	6	6	6	7	6	6	5	0	4	4	4	4	2	0	0	0	4	0	0	118
Butte & Market Lake	116	116	113	129	122	158	177	165	139	166	168	172	3	0	0	0	0	0	118	98	91	88	134	98	74	17	13	13	13	10	11	2522
Osgood	98	96	108	108	106	111	116	113	113	113	115	113	119	119	122	106	108	106	106	106	106	105	105	104	104	104	103	103	103	104	104	3342
Bear Island	0	0	3	4	3	4	3	0	0	4	3	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	4	0	0	34
Smith	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5
Kennedy	13	12	14	11	15	21	14	14	22	21	20	24	23	22	18	16	15	14	13	13	13	13	13	20	20	21	16	16	16	14	14	315
Idaho	815	815	812	806	725	398	391	391	410	403	391	405	513	794	779	728	704	704	555	0	0	0	64	400	432	493	457	408	357	0	0	14232
Great Western	[illegible]	278	276	215	267	262	260	254	260	260	258	254	258	258	294	253	250	245	257	264	264	255	250	244	238	233	234	251	231	245	244	7319
Porter	132	140	130	138	112	120	125	113	122	116	119	119	116	114	114	126	115	122	118	132	119	125	132	130	144	143	138	[illegible]	139	134	134	3445
Coy & Keller	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	27
Woodville	73	0	0	0	0	0	73	73	77	89	70	0	0	0	0	0	0	68	72	69	69	64	65	0	0	0	0	67	51	50	52	1170
Snake River Valley	259	244	234	216	197	319	448	453	495	542	523	141	58	251	304	284	216	205	204	251	209	198	215	223	224	64	0	172	203	211	231	[illegible]
Total Heise to Woodville	4333	4018	5179	5289	5568	5576	5800	5847	4305	4453	4386	4671	4721	5141	5053	4115	[illegible]	4484	4312	3414	3448	3527	3683	4244	4300	3971	3773	4190	4511	4725	4316	135707
Reservation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Blackfoot	0	0	355	248	204	0	0	0	0	0	0	355	346	369	388	358	0	0	0	0	0	0	0	355	343	350	0	0	0	0	0	3721
New Lava Side	161	161	158	110	134	0	0	0	0	0	0	80	161	161	161	116	80	0	0	0	0	0	0	80	80	80	82	0	0	0	0	1805
Peoples	420	406	404	247	128	269	425	0	439	340	343	427	437	444	494	185	0	0	0	420	420	414	323	424	0	0	0	0	0	0	0	7514
Aberdeen	633	100	0	0	0	103	406	519	648	550	645	864	844	842	860	648	590	553	547	533	418	400	418	455	530	553	553	530	168	0	511	14441
Corbett	99	95	100	81	72	0	0	0	0	0	101	112	94	82	116	108	108	114	94	0	0	0	0	0	64	82	76	72	30	84	67	1858
Nielsen Hansen	5	5	4	0	0	0	0	0	2	0	6	13	15	15	10	2	2	6	6	0	0	0	0	0	2	2	2	2	0	2	1	102
Riverside	115	115	114	111	103	91	108	109	105	109	122	121	126	112	110	105	113	118	115	105	108	110	110	111	110	118	116	115	106	117	118	3458
Danskin	138	152	153	118	0	0	0	156	148	138	209	198	208	186	183	158	182	183	169	110	81	114	130	113	157	161	134	154	54	182	142	4221
Trego	72	76	72	59	0	0	0	0	0	0	0	69	65	73	77	80	86	88	79	42	0	0	0	0	0	65	65	0	0	0	0	1068
Weary Rick	44	56	61	35	33	33	10	22	54	26	59	57	68	75	22	31	31	37	34	28	16	24	26	13	28	32	24	31	13	48	32	1108
Watson	40	44	101	48	41	46	4	0	104	70	127	125	118	124	117	99	97	110	111	115	10	58	84	71	117	108	75	102	14	132	84	2606
Parsons	20	22	14	8	7	6	0	0	32	14	36	31	31	28	31	27	27	31	24	23	0	7	19	17	27	21	19	22	0	27	22	609
Total Woodville to Clough	1882	1287	1541	1115	722	598	953	806	1537	1297	1698	2452	2539	2511	2569	1917	1314	1240	1189	1376	1059	1124	1110	1644	1450	1579	1151	1028	387	592	978	42511

DAILY DISCHARGE IN SEC FT OF SNAKE RIVER CANALS FOR SEPT. 1931

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	
ANDERSON	111	111	111	111	107	232	232	249	253	256	233	234	241	231	231	231	235	232	230	231	230	233	234	234	234	237	237	237	237	237	6,116
EAGLE ROCK	261	261	261	261	261	216	205	223	261	276	261	261	244	244	246	236	230	229	229	205	202	214	213	214	215	213	209	201	201	197	6,958
FARMERS FRIEND	288	288	279	260	227	182	164	175	243	276	252	269	258	42	39	15	0	0	230	238	238	251	251	248	255	237	240	252	252	248	5,586
ENTERPRISE	4	6	6	4	6	6	4	4	4	4	4	4	4	34	38	40	43	6	6	6	6	6	6	14	23	28	21	20	20	20	423
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MATTSON & CRAIG	6	8	7	6	3	0	0	0	0	0	8	9	9	17	17	18	18	18	6	6	6	7	7	6	7	2	1	1	1	1	142
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	41	40	39	39	39	36	35	40	45	47	47	41	40	6	6	6	6	6	43	32	32	32	32	32	34	30	29	29	29	28	941
ROSS & RAND	4	3	3	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	2	1	1	1	2	1	1	1	1	1	1	30
STEELE	8	7	7	7	7	6	6	6	6	7	6	7	6	3	3	3	2	2	6	6	6	6	6	6	6	6	6	6	4	4	145
HARRISON	14	14	14	16	16	16	16	373	388	414	18	18	18	146	151	152	168	163	44	31	31	63	65	64	61	63	64	63	85	82	2864
CHENEY	4	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	0	0	0	0	14
BOOMER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	150
RUDY	18	16	16	16	16	14	101	101	16	16	16	14	16	50	52	51	51	50	14	14	14	16	16	16	44	43	45	99	100	100	1073
KITE & NORD	0	0	0	0	0	1	1	1	1	1	1	1	1	6	8	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	46
BURGESS	394	387	384	373	370	401	401	401	405	401	370	370	370	30	30	30	30	30	307	310	314	314	314	307	304	390	388	384	390	384	9245
CLARK & EDWARDS	71	71	71	71	68	70	71	70	70	71	70	70	70	4	4	4	6	6	70	70	70	70	70	70	70	70	64	64	66	65	1768
LOWDER	41	40	41	46	0	0	0	4	4	5	5	4	4	14	14	14	14	14	4	4	4	4	4	4	4	4	4	4	4	4	241
JENNINGS	0	3	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
EAST LABELLE	112	126	125	116	97	96	87	112	76	93	108	104	105	14	14	14	16	16	119	92	91	92	91	91	96	68	62	60	58	47	2398
CONSOLIDATED FEEDER	89	[illegible]	0	0	0	0	0	0	81	70	62	62	57	62	60	0	10	10	0	22	10	17	17	17	17	55	55	50	50	50	1026
LENROOT	0	0	0	0	0	0	44	44	44	44	76	74	18	18	18	18	18	18	18	6	48	54	54	54	56	60	56	54	54	54	1082
REID	70	68	70	70	41	41	47	70	62	56	37	51	48	70	70	70	70	68	70	29	27	16	17	16	17	19	18	16	16	16	1394
TEXAS FEEDER	176	176	176	170	144	90	23	33	23	17	15	95	90	119	144	142	144	144	144	86	76	70	70	70	68	74	70	70	70	65	2854
NELSON COREY	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	8	8	10	13	10	0	0	0	0	0	0	0	0	0	0	51
HILL PETTINGER	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
RIGBY	160	156	153	160	160	158	158	153	136	158	160	160	151	158	8	8	8	8	8	159	158	108	126	129	129	71	69	69	69	69	3286
DILTS & ISLAND	64	62	71	72	46	94	91	72	64	66	69	72	69	54	54	54	54	54	55	55	55	55	57	57	55	52	52	52	52	52	881
W. LABELLE & LONG ISLAND	344	341	350	344	342	350	330	387	254	311	326	387	387	60	60	60	60	60	297	287	287	287	292	287	292	278	270	270	270	270	8254
PARKS & LEWISVILLE	311	311	304	290	270	270	287	417	228	266	283	246	308	28	28	28	28	28	270	311	314	281	288	290	290	250	250	250	240	240	7075
NORTH RIGBY	50	44	44	42	44	50	41	39	18	26	33	50	50	50	47	50	50	47	49	38	39	50	47	47	49	48	48	48	48	48	1334
WHITE	4	5	5	5	3	2	0	0	0	0	0	5	6	6	6	6	6	6	4	4	4	1	1	1	1	1	1	1	1	1	86
ELLIS	0	0	0	1	0	0	0	0	0	0	0	1	1	5	5	5	5	5	3	5	5	5	5	0	0	0	0	0	0	0	31
BRAMWELL	0	2	1	2	0	0	0	0	0	0	0	4	4	4	6	6	7	6	4	6	6	6	6	6	6	6	6	6	6	6	112
BUTTE & MARKET LAKE	10	10	9	10	10	8	17	32	24	9	12	12	11	11	14	13	16	16	16	16	14	19	19	18	20	19	20	30	30	30	497
OSGOOD	75	75	15	25	75	18	78	78	78	78	78	78	78	0	0	0	0	0	78	78	78	78	78	78	78	78	78	78	78	78	1824
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
SMITH	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENNEDY	15	15	15	14	14	13	17	16	15	14	14	15	13	16	19	19	20	19	20	18	18	18	14	13	13	13	13	13	13	13	471
IDAHO	0	0	0	0	0	199	384	372	190	100	100	100	128	205	205	193	206	201	197	54	100	100	100	144	147	197	314	309	292	292	4878
GREAT WESTERN	[illegible]	244	241	124	103	118	122	118	124	102	111	103	109	120	130	135	144	152	150	154	149	140	142	144	144	98	98	98	98	98	4014
PORTER	149	153	151	62	61	60	62	61	74	72	60	60	59	59	61	59	59	59	59	58	59	57	57	61	61	60	60	60	60	60	2051
COY & KELLER	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
WOODVILLE	94	83	0	0	0	0	0	30	23	23	28	32	36	37	44	64	68	69	0	0	0	0	0	0	26	26	25	26	26	26	835
SNAKE RIVER VALLEY	234	234	98	0	0	207	245	248	231	234	236	91	22	24	24	18	19	20	20	19	90	132	145	146	179	189	102	101	104	135	3155
TOTAL HEISE TO WOODVILLE	3459	3450	3263	2891	2771	3043	3299	3834	3491	3537	3112	3128	3040	1824	1889	1805	1941	1835	2938	2644	2739	2835	2888	2913	2952	3031	3001	2991	3029	3000	84857
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
BLACK FOOT	0	176	115	354	352	342	0	0	0	0	0	0	0	0	0	0	352	352	351	0	0	0	20	63	38	82	81	75	71	71	2988
NEW LAVA SIDE	0	0	80	80	80	80	86	80	0	0	0	0	0	0	0	0	80	80	80	80	80	0	80	80	76	80	80	92	80	78	1610
PEOPLES	412	414	427	334	235	0	0	0	0	0	0	140	140	212	410	410	410	410	0	0	0	48	48	48	93	93	106	129	131	131	4433
ABERDEEN	574	550	525	519	492	416	317	0	0	0	0	0	0	0	0	0	0	0	347	734	400	144	145	170	170	168	168	201	201	201	6432
CORBETT	0	0	0	68	58	58	81	71	0	0	0	0	0	0	0	68	68	68	0	0	0	0	0	0	0	0	44	42	37	33	765
NIELSON HANSEN	1	1	0	0	0	4	4	5	4	0	0	0	0	0	0	14	0	0	8	7	3	6	0	0	0	0	0	0	0	0	86
RIVERSIDE	110	110	112	111	110	100	111	112	109	105	61	61	65	61	93	99	94	94	88	88	85	80	89	71	72	53	54	54	54	54	2610
DANSKIN	150	150	145	110	142	146	146	115	140	95	78	134	187	162	177	196	97	124	153	162	129	150	78	95	95	64	66	38	43	55	3470
CRIGO	30	47	48	0	0	0	0	0	0	0	0	0	65	69	0	0	0	0	0	65	69	68	68	53	54	51	44	42	43	34	811
WEARY RICK	37	33	2	32	34	40	46	34	35	29	18	37	44	15	42	54	23	29	34	31	31	30	11	11	14	13	11	7	8	8	644
WATSON	104	81	0	41	50	97	115	71	48	42	18	34	94	104	94	124	28	51	48	101	87	115	54	108	110	64	74	40	33	30	2244
PARSONS	24	22	0	18	23	29	29	22	13	9	1	14	19	3	24	34	1	2	10	42	21	29	14	23	13	11	12	8	6	2	434
TOTAL WOODVILLE TO CLOUGH	1414	1612	1494	1481	1436	1318	959	910	369	283	176	340	634	574	710	1424	1193	1211	808	1298	926	926	675	709	711	704	756	714	704	703	24530

DATE	JACKSON LAKE	MORAN			TWIN LAKES		MORAN HEISE LOSS STOR.	HEISE + RILEY			DIV. HEISE-WOODVILLE			HEISE TO WOODVILLE LOSS STOR.	REXBURG	DATE	WOODVILLE			DIV. WOOD.-B.F.			W-BB	PEAK
1931	CONT. AC. FT	STOR.	NORM.	TOTAL	DISCH.	+MORAN STORAGE		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			1931	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	LOSS STOR.	STOR.
APR 12	394020														960	APR 14								
13	395140														1030	15								
14	396480									4260					1030	16								
15	397820									4460					775	17								
16	398940									4260					665	18								
17	400060									4070					665	19								
18	401620									4110					824	20								
19	403410									4370					740	21								
20	404530									4430					685	22								
21	405640									4300					508	23								
22	407210									3990					454	24								
23	408780									3800					480	25								
24	410120									3720					431	26								
25	411010									3540					355	27								
26	411910									3440					342	28								
27	412800									3350					328	29								
28	413920									3310					315	30								
29	416390									3340					301	MAY 1			3030					
30	418440									3740					287	2			2900			286		
MAY 1	420450									4410					274	3			2670			267		
2	422700									4370			1859		260	4			2880			287		
3	424960									4300			1903		247	5			3050			303		
4	427660									4500			1964		367	6			3240			323		
5	430370									4870			2032		387	7			3280			327		
6	433300									4960			2099		387	8			3440			343		
7	436690									5100			2117		391	9			3520			351		
8	440090									5380			2127		379	10			3070			1917		
9	442820									5500			2418		347	11			2480			1908		
10	444860									5220			2606		331	12			1940			1898		
11	446710									4820			2944		323	13			1320	-318	1821	1613		
12	449410									4550			3391		319	14	0	650	650	-212	752	540		
13	451460									4550			4013		319	15	-33	923	890	-119	705	586		
14	454190									4910	0	4747	4747		344	16	151	3169	3320	38	1688	1726		
15	457370									6540	53	5036	5089		1250	17	244	4936	5180	45	2004	2958		
16	459640									8520	-151	4820	4669		2120	18	0	4380	4380	21	3210	3231		
17	462850									10300	-244	5144	4900		1770	19	-1	4451	4450	0	3123	3123		
18	466510									12100	0	6293	6293		929	20	-1	2671	2670	-22	2747	2725	0	
19	467030	1080	1800	2880	0	1080	27	0	20	9798	1	6499	6500		540	21	599	1521	2120	419	1382	1801	7	
20	464680	3590	1800	5390	0	3590	90	0	21	8347	1	6870	6871		562	22	2741	1819	4560	1263	1173	2436	89	
21	459420	1660	1810	3470	0	1660	42	0	22	7960	403	6034	6437	51	620	23	1566	2184	3750	1150	1214	2364	25	
22	456460	459	2111	2570	0	459	11	0	23	10821	588	5963	6551	171	705	24	526	2604	3130	1164	1060	2224	0	
23	455550	686	2344	3030	0	686	17	0	24	8804	-27	5620	5593	79	836	25	755	2675	3430	456	1852	2308	18	
24	454190	-459	3969	3510	0	0	0	0	25	7249	-100	5208	5108	22	1240	26	60	4060	4120	16	3006	3022	3	
25	455100	-2290	4860	2570	0	0	0	0	26	7787	-119	4801	4682	33	964	27	-189	4839	4650	2	3317	3319	0	
26	459640	-2310	3820	1510	0	0	0	0	27	9897	-60	5966	5906	0	650	28	-12	3912	3900	-3	3219	3216	0	
27	464220	-2310	3530	1220	0	0	0	0	28	10406	189	6927	7116	0	462	29	-12	3652	3640	2	3226	3228	0	
28	468800	-1850	3340	1510	0	0	0	0	29	9432	12	6579	6591	0	462	30	-13	3673	3660	2	3291	3293	0	
29	472470	-2332	2072	1840	0	0	0	0	30	9201	13	6478	6490	0	418	31	-23	3393	3370	0	3242	3242	0	
30	472930	-459	3049	2590	0	0	0	0	31	8948	23	6364	6377	0	391	JUN 1	45	3735	3800	-2	3210	3208	4	
31	473840	-812	3402	2590	0	0	0	0	JUN 1	8117	-65	5965	5900	0	440	2	75	3845	3920	2	3358	3360	4	
1	475450	-2940	5100	2560	0	0	0	0	2	8530	-75	5926	5851	0	570	3	-44	4344	4300	4	3419	3423	0	
2	480490	-4300	5880	1580	0	0	0	0	3	9070	64	5851	5776	0	745	4	120	4950	5070	18	3327	3345	4	
3	484010	-4310	4360	50	0	0	0	0	4	9980	-120	6500	6544	0	824	5	-12	3862	3850	4	3194	3198	0	
4	487560	-3748	3786	38	0	0	0	0	5	10920	12	7148	7028	0	775	6	19	3161	3180	2	3188	3190	1	
5	489700	-3612	3648	36	0	0	0	0	6	9950	-19	6831	6843	0	605	7	186	2414	2600	-409	2798	2389	34	
6	492130	-3810	3540	30	0	0	0	0	7	9374	-186	7105	7086	0	503	8	84	2416	2500	-634	2546	1912	43	
7	494190	-3810	3538	28	0	0	0	0	8	9022	-84	7549	7363	0	494	9	86	2254	2340	-1037	2466	1429	47	
8	496210	-3810	3538	28	0	0	0	0	9	9124	-84	7332	7238	0	467	10	34	2356	2390	-1040	2516	1476	70	
										9206	-34	7531	7445	0										
										9446		7730	7696	0										

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS 1931

THL	W-BB LOSS STOR	PENALTY NORM. FLOW STOR.	BLACKFOOT BR. STOR.	BLACKFOOT BR. NORM.	BLACKFOOT BR. TOTAL	BLACK. RIV. STOR.	BLACK. RIV. NORM.	CLOUGHS STOR.	CLOUGHS NORM.	CLOUGHS TOTAL
									3540	3540
									3850	3850
									3900	3900
									3660	3660
									3340	3340
									3090	3090
									3290	3290
									3140	3140
									3050	3050
									2900	2900
									2420	2420
									2510	2510
									2340	2340
									1900	1900
			1200	1200	0	246			1580	1580
			1280	1280	0	215			1620	1620
248			1550	1550	0	283			1450	1450
247			1420	1420	0	367			1780	1780
327			1250	1250	0	343			1900	1900
413			1270	1270	0	319			1740	1740
523			1390	1390	0	295			1690	1690
609			1430	1430	0	271			1740	1740
617			1480	1480	0	246			1820	1820
613			1930	1930	0	246			1710	1710
784			1550	1550	0	84			1780	1780
917			1050	1050	0	176			1820	1820
908			475	475	0	205			1530	1530
848			134	134	0	102			1140	1140
613			218	-218	0	16	0	257	667	667
540			212	-212	0	12	0	169	257	257
586			86	-86	0	12	0	152	169	169
726			113	383	496	0	17	0	175	175
958			180	1120	1300	0	22	0	1090	1090
231			-21	2491	2670	0	43	0	2380	2380
123			-1	1611	1610	0	14	0	1940	1940
775	0		21	343	364	0	3	0	695	695
801	7		173	-173	0	0	0	82	130	212
436	89		1389	-640	749	0	1	343	131	474
344	25		391	929	1320	0	28	1492	158	1650
224	0		-638	1222	584	0	14	450	144	594
308	18		281	290	571	0	8	444	138	582
022	3		41	615	656	0	8	41	612	653
319	0		-191	1087	896	0	8	0	936	936
216	0		-9	675	666	0	8	0	920	920
228	0		-14	284	270	0	21	0	544	544
293	0		-15	251	236	0	0	0	394	394
242	0		-23	156	133	0	0	0	349	349
208	4		63	-45	18	0	0	0	233	233
340	4	0	69	194	263	0	0	0	201	201
425	0	-103	33	345	378	0	0	0	303	303
340	4	0	96	1004	1100	0	0	0	920	920
198	0	-29	9	658	667	0	0	0	969	969
190	1	-133	149	-112	37	0	0	0	299	299
289	36	-337	896	-892	4	0	0	0	179	179
									166	166
								78	130	208
								333	130	463

DATE 1931	AM. FALLS RES. CONT. AC. FT.	NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	DATE 1931	LAKE WALCOTT CONT. AC. FT.	MINIDOKA NORTH	MINIDOKA SOUTH	MINIDOKA TOTAL
APRIL5	1538930	0	2780	2780	APRIL6	93670	925	150	1075
16	1546920	0	3160	3160	17	92270	1030	300	1330
17	1551710	0	4140	4140	18	90990	1150	304	1454
18	1550110	0	5590	5590	19	90060	1190	307	1497
19	1549520	540	6090	6630	20	92620	1210	391	1601
20	1563840	720	5840	6560	21	91230	1320	550	1870
21	1547990	990	6040	7030	22	92860	1040	633	1673
22	1544790	1570	5910	7480	23	93550	572	668	1240
23	1543190	790	5800	6590	24	92970	996	673	1669
24	1543190	300	5650	5950	25	92390	960	700	1660
25	1543190	580	5370	5950	26	91690	958	764	1722
26	1542660	490	5260	5950	27	90760	1130	837	1967
27	1539470	1610	5090	6700	28	90640	1360	890	2250
28	1534140	3220	4650	7870	29	91690	1480	977	2457
29	1525620	4730	4330	9060	30	93090	1530	1030	2560
30	1515610	5160	4270	9430	MAY 1	93670	1530	1080	2610
MAY 1	1505980	5230	4200	9430	2	93900	1510	1060	2570
2	1496560	4900	4530	9430	3	94140	1310	1040	2350
3	1486080	4780	4650	9430	4	95430	1220	1030	2250
4	1477180	4940	4490	9430	5	95910	1280	971	2251
5	1468280	4660	4440	9100	6	96030	1230	967	2197
6	1459900	4330	4490	8820	7	93440	1180	984	2164
7	1449360	4220	4570	8820	8	93550	1130	968	2098
8	1439790	4760	4460	9220	9	93650	1180	962	2142
9	1431060	4900	4530	9430	10	93200	1220	971	2191
10	1421790	4820	4570	9390	11	92970	1260	977	2237
11	1410480	5200	4230	9430	12	93090	1400	986	2386
12	1398780	5790	3890	9680	13	93320	1480	1030	2510
13	1385670	6423	3417	9840	14	92620	1520	1060	2580
14	1371550	7093	3007	10100	15	93090	1580	1080	2660
15	1357940	7281	2919	10200	16	92620	1600	1090	2690
16	1346490	7298	2902	10200	17	90410	1580	1100	2680
17	1321350	7375	2925	10300	18	91810	1520	1100	2620
18	1317780	6360	3840	10200	19	92160	1490	1100	2590
19	1307850	4970	5130	10100	20	92790	1410	1110	2520
20	1296640	5410	4690	10100	21	94020	1250	1080	2330
21	1282520	6455	3445	10100	22	95180	1160	983	2143
22	1268400	6800	2880	9680	23	95430	1060	962	2022
23	1256710	6099	2881	8980	24	95180	1110	1000	2110
24	1247600	6112	2908	9020	25	94250	1220	1030	2250
25	1233210	6286	2894	9180	26	93790	1370	1030	2400
26	1216900	6582	2888	9470	27	93790	1210	1030	2240
27	1204040	6608	3362	9970	28	94720	1090	1030	2120
28	1191800	6314	3686	10000	29	95430	1100	986	2086
29	1180030	6220	3670	9890	30	95910	1100	977	2077
30	1167310	6386	3294	9680	31	96150	1100	986	2086
31	1154280	6444	3146	9590	JUNE 1	96390	1090	1000	2090
JUNE 1	1141380	6376	3094	9470	2	95910	1310	1070	2380
2	1127580	6607	2983	9590	3	95310	1450	1110	2560
3	1111950	6939	2951	9890	4	95550	1510	1140	2650
4	1101130	6577	3053	9630	5	96150	1550	1150	2700
5	1088510	5390	3670	9060	6	95670	1600	1140	2740
6	1076780	5501	3719	9220	7	95310	1600	1130	2730
7	1064810	6171	3049	9220	8	94490	1600	1150	2750
8	1051980	6331	2929	9260	9	94020	1600	1150	2750
9	1037460	6514	2916	9430	10	93320	1600	1160	2760
10	1023020	6670	2880	9550	11	93440	1600	1160	2760
11	1011840	6670	2880	9550	12	93960	1550	1160	2710

CANALS TOTAL	CANALS STOR.	CANALS NORM.	S
1085	0	1075	
1330	0	1330	
1454	0	1454	
1497	0	1497	
1601	0	1601	
1870	144	1726	
1633	0	1633	
1540	0	1540	
1669	0	1669	
1660	0	1660	
1722	0	1722	
1967	241	1726	
2250	529	1721	
2457	926	1531	
2560	1428	1132	
2610	1666	944	
2570	1674	896	
2350	1134	1216	
2250	1000	1250	
2251	1161	1090	
2197	1091	1101	
2164	1076	1090	
2098	928	1170	
2142	1082	1060	
2191	1061	1130	
2237	1067	1170	
2386	1556	830	
2510	2020	490	
2580	2563	17	
2660	2660	0	
2690	2690	0	
2680	2680	0	
2620	2620	0	
2590	2150	440	
2520	794	1726	
2330	1040	1290	
2143	2098	45	
2022	2022	0	
2110	2110	0	
2250	2250	0	
2400	2400	0	
2240	2240	0	
2120	2120	0	
2084	1800	284	
2077	1807	270	
2084	2084	0	
2190	2190	0	
2380	2380	0	
2560	2560	0	
2650	2650	0	
2700	2700	0	
2740	2470	270	
2730	2411	319	
2750	2750	0	
2750	2750	0	
2760	2760	0	
2760	2760	0	
2710	2710	0	

PLATE NO. 11

CANALS			HOWELLS			DATE	LAKE MILNER GAGE	GOODING			P.A. LATERAL	MAIN N.S. CAN.	N.S. CANAL CO.			T.F. CANAL CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
TAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1931		GOODING PROJECT STOR.	GOODING PROJECT NORM	N. SIDE PROJECT			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM	TOTAL	STOR.	NORM.	TOTAL
035	0	1075	0	2540	2540	APR. 17	9.78	0	79	0	15	1370	0	1385	1385	0	1160	1160	0	24	24	0	18	18
330	0	1330	0	2980	2980	18	9.66	0	199	0	19	1400	0	1419	1419	0	1780	1780	0	36	36	0	17	17
434	0	1434	0	3720	3720	19	9.58	0	199	0	35	1660	0	1695	1695	0	2050	2050	0	39	39	0	17	17
497	0	1497	0	4820	4820	20	10.64	0	377	0	35	2030	0	2065	2065	0	1960	1960	0	40	40	0	29	29
601	0	1601	441	4309	4750	21	10.56	468	0	0	30	2110	0	2140	2140	0	2140	2140	36	0	36	0	29	29
870	144	1726	924	4114	5040	22	11.02	408	0	0	32	2510	1428	1114	2542	0	2410	2410	21	0	21	78	590	668
673	0	1673	1073	4367	5440	23	10.89	422	0	0	35	1850	0	1885	1885	0	2230	2230	0	0	0	0	48	48
240	0	1240	0	4470	4470	24	10.64	422	0	0	41	1520	0	1561	1561	0	2090	2090	0	0	0	0	30	30
667	0	1669	29	4131	4160	25	10.74	450	0	0	48	1900	0	1948	1940	0	2100	2100	0	0	0	0	27	27
660	0	1660	600	3990	4590	26	10.83	450	0	0	48	1910	96	1862	1958	0	2100	2100	0	0	0	0	28	28
722	0	1722	852	3648	4500	27	10.83	450	0	0	48	1900	435	1513	1948	0	2110	2110	49	0	49	0	25	25
967	241	1726	1006	3534	4540	28	10.83	450	0	0	53	1900	714	1239	1953	0	2270	2270	80	0	80	0	23	23
250	524	1726	1486	3364	4850	29	10.84	450	0	0	57	1980	1243	794	2037	0	2550	2550	81	0	81	0	20	20
857	926	1531	2261	3119	5380	30	11.00	735	0	0	57	2650	2207	400	2607	0	2770	2770	82	0	82	0	19	19
540	1428	1132	2962	3198	6160	MAY 1	11.00	735	0	0	60	2910	2570	400	2970	0	2780	2780	84	0	84	0	18	18
610	1646	964	3014	3306	6320	2	10.97	735	0	0	60	2910	2570	400	2970	0	2890	2890	84	0	84	0	16	16
570	1674	896	3106	3304	6410	3	10.87	753	0	0	59	2870	2529	400	2929	0	2890	2890	85	0	85	0	14	14
350	1134	1216	3066	3314	6380	4	10.94	770	0	0	60	2890	2550	400	2950	0	2900	2900	88	0	88	0	14	14
250	1000	1250	3140	3400	6540	5	10.90	774	0	0	60	2870	2530	400	2930	0	2990	2990	89	0	89	1	10	11
251	1161	1090	3140	3400	6540	6	10.94	758	0	5	60	2890	2555	400	2955	10	3000	3010	90	0	90	10	0	10
197	1091	1101	3541	3339	6880	7	10.46	758	0	5	60	2710	2375	400	2775	0	2930	2930	24	0	24	0	9	9
166	1076	1090	3710	3400	7110	8	11.09	801	0	5	59	3040	2704	400	3104	350	3000	3350	96	0	96	15	0	15
098	928	1170	3760	3400	7160	9	11.05	782	0	5	59	3020	2684	400	3084	370	3000	3370	119	0	119	12	0	12
142	1082	1060	3650	3400	7050	10	11.08	782	0	5	60	3020	2685	400	3085	220	3000	3220	118	0	118	19	0	19
191	1061	1130	3540	3400	6940	11	11.00	813	0	5	59	2970	2634	400	3034	190	3000	3190	135	0	135	12	0	12
237	1067	1170	3540	3400	6940	12	10.94	836	0	5	59	2940	2604	400	3004	170	3000	3170	140	0	140	11	0	11
386	1556	830	3590	3400	6990	13	10.95	848	0	5	60	2950	2615	400	3015	200	3000	3200	140	0	140	11	0	11
510	2020	490	3850	3400	7250	14	10.91	857	0	5	60	2970	2635	400	3035	280	3000	3280	149	0	149	20	0	20
580	2563	17	3940	3400	7340	15	10.93	866	0	5	59	3000	2644	400	3044	290	3000	3290	157	0	157	11	0	11
660	2660	0	4333	3007	7340	16	10.90	830	0	5	59	2990	2700	354	3054	627	2653	3280	157	0	157	10	0	10
670	2690	0	4451	2919	7370	17	10.65	860	0	5	59	2880	2601	343	2944	634	2576	3210	158	0	158	10	0	10
680	2680	0	4838	2902	7740	18	10.81	879	0	5	59	2950	2673	341	3014	689	2541	3230	158	0	158	10	0	10
620	2620	0	4735	2925	7660	19	11.07	893	0	5	60	3060	2781	344	3125	749	2581	3330	158	0	158	12	0	12
590	2150	440	4850	3400	7450	20	11.12	921	0	5	60	3100	2765	400	3165	570	3000	3570	124	0	124	20	0	20
526	794	1776	3876	3404	7280	21	11.13	938	0	5	60	3090	2751	404	3155	350	3000	3350	141	0	141	22	0	22
330	1040	1290	3590	3400	6990	22	11.00	949	0	5	59	3040	2704	400	3104	250	3000	3250	142	0	142	14	0	14
143	2098	45	3590	3400	6990	23	10.88	967	0	5	59	2970	2634	400	3034	190	3000	3190	141	0	141	10	0	10
027	2027	0	4200	2880	7080	24	10.84	974	0	5	60	2970	2696	339	3035	639	2541	3180	137	0	137	10	0	10
110	2110	0	4259	2881	7140	25	10.78	962	0	5	60	2970	2696	339	3035	598	2542	3140	138	0	138	10	0	10
250	2250	0	4347	2908	7250	26	10.80	969	0	5	60	3000	2724	341	3065	583	2567	3150	128	0	128	10	0	10
400	2400	0	4546	2894	7440	27	10.96	965	0	5	60	3070	2795	340	3135	636	2554	3190	133	0	133	10	0	10
240	2240	0	4687	2888	7570	28	11.04	980	0	5	61	3090	2816	340	3156	672	2548	3220	135	0	135	11	0	11
220	2170	0	4008	3362	7370	29	11.09	992	0	5	61	3120	2790	396	3186	264	2966	3230	136	0	136	16	0	16
086	1800	286	3820	3400	7220	30	10.98	992	0	0	60	3060	2725	400	3125	180	3000	3180	135	0	135	11	0	11
077	1807	270	3790	3400	7190	31	10.93	1000	0	0	60	3040	2700	400	3100	110	3000	3110	135	0	135	10	0	10
084	2084	0	3956	3294	7250	JUN. 1	10.93	1070	0	0	60	3040	2713	387	3100	193	2907	3100	138	0	138	11	0	11
190	2190	0	4226	3144	7370	2	10.96	1090	0	0	60	3060	2750	370	3120	346	2774	3120	135	0	135	11	0	11
380	2380	0	4306	3094	7480	3	10.94	782	0	0	61	3040	2757	364	3121	390	2730	3120	140	0	140	24	0	24
760	2660	0	4417	2983	7400	4	11.14	820	0	0	61	3170	2880	361	3231	668	2632	3300	146	0	140	12	0	12
650	2650	0	3709	2951	6660	5	11.93	694	0	5	61	2800	2514	347	2861	516	2604	3120	128	0	128	10	0	10
700	2700	0	3297	3053	6350	6	10.87	772	0	5	61	2520	2222	359	2581	346	2694	3040	125	0	125	11	0	11
740	2470	270	3090	3400	6490	7	10.98	785	0	5	61	2540	2206	400	2606	40	3000	3040	124	0	124	10	0	10
230	2311	319	3140	3400	6540	8	10.97	842	0	5	61	2540	2204	400	2604	70	3000	3070	123	0	123	10	0	10
760	2760	0	3521	3049	6570	9	10.87	920	0	5	61	2510	2217	359	2576	370	2690	3060	123	0	123	11	0	11
750	2750	0	3811	2929	6740	10	10.93	901	0	5	61	2530	2251	345	2596	496	2584	3080	123	0	123	11	0	11
760	2760	0	3984	2916	6900	11	11.05	905	0	5	61	2550	2273	343	2616	547	2573	3120	123	0	123	11	0	11
760	2760	0	3690	2880	6570	12	11.01	915	0	5	61	2530	2257	339	2596	519	2541	3060	123	0	123	11	0	11
760	2760	0	3440	2880	6320	13	10.96	913	0	5	61	2450	2177	339	2516	429	2541	2970	122	0	122	11	0	11

DATE 1931	JACKSON LAKE CONT. AC-FT	MORAN STOR	MORAN NORM.	MORAN TOTAL	TWIN LAKES DISCH.	TWIN LAKES +MORAN	MORAN HEISE LOSS STOR.	CHAN. LOSS STOR.	DATE
June 9	532130	-3338	3431	93	0	0	0	0	JUN 10
10	529620	-2340	2406	246	0	0	0	0	11
11	524300	-790	2290	1500	0	0	0	0	12
12	525470	321	2289	2610	0	321	8	0	13
13	525230	-227	2247	2020	0	0	0	0	14
14	526870	-247	2227	1980	15	0	0	0	15
15	526170	478	2286	2760	30	504	13	0	16
16	525230	706	2014	2720	30	736	18	0	17
17	523830	1810	1550	3360	30	1840	46	0	18
18	519850	1970	1500	3470	30	2000	50	0	19
19	516340	2780	1380	4160	30	2810	70	0	20
20	510490	3690	1370	5060	30	3720	93	0	21
21	503520	3640	1340	4980	30	3670	92	0	22
22	496310	3870	1430	5300	30	3900	98	0	23
23	488440	3920	1560	5480	30	3950	99	0	24
24	481870	3540	1500	5040	30	3570	89	0	25
25	473860	3520	1520	5040	30	3550	89	0	26
26	467160	2640	1520	4160	30	2670	67	0	27
27	461640	2770	1380	4150	30	2800	70	0	28
28	456140	2870	1070	3940	30	2900	72	4	29
29	451100	1840	1000	2840	30	1890	47	4	30
30	447200	2080	900	2980	30	2110	53	9	JUL 1
July 1	443740	2570	900	3470	20	2590	65	9	2
2	439840	3060	880	3940	20	3080	77	9	3
3	435440	4130	860	4990	20	4150	104	9	4
4	432270	4670	860	5530	20	4690	117	9	5
5	428760	5420	860	6280	20	5440	136	9	6
6	427250	5740	860	6600	20	5760	144	9	7
7	423740	5810	850	6660	20	5830	146	9	8
8	419710	5920	850	6770	10	5930	148	9	9
9	417580	5840	840	6680	10	5850	146	9	10
10	415840	5880	840	6720	10	5890	147	9	11
11	414830	5190	840	6030	10	5200	130	9	12
12	413840	3770	840	4610	10	3780	95	9	13
13	412520	3660	830	4490	10	3670	92	9	14
14	410790	3200	830	4030	10	3210	80	9	15
15	409930	3020	820	3840	10	3030	76	9	16
16	408420	4480	820	5300	10	4490	112	9	17
17	407460	5670	810	6480	10	5680	142	9	18
18	406520	5620	800	6420	10	5630	141	9	19
19	405490	5790	790	6580	10	5800	145	9	20
20	403400	6320	790	7110	10	6330	158	9	21
21	402710	6130	790	6920	10	6140	153	9	22
22	401300	5950	780	6730	10	5960	149	9	23
23	400340	5670	770	6440	10	5680	142	9	24
24	398780	5280	760	6040	10	5290	132	9	25
25	397510	4770	760	5530	10	4780	120	9	26
26	396220	2930	750	3680	0	2930	73	9	27
27	395190	3150	750	3900	0	3150	79	9	28
28	395550	3100	750	3850	0	3100	78	9	29
29	394570	2380	1050	3430	0	2380	60	9	30
30	394800	1380	600	1980	0	1380	34	9	31
31	392630	650	400	1050	0	650	16	9	AUG 1
Aug 1	391640	990	350	1340	0	990	25	9	2
2	389470	1920	300	2220	0	1920	48	9	3
3	385500	2250	300	2550	0	2250	56	9	4
4	382990	3500	300	3800	0	3500	88	9	5
5	379	3700	300	4000	0	3700	92	9	6

HEISE + RILEY STOR.	HEISE + RILEY NORM.	HEISE + RILEY TOTAL	DIV. STOR.
0	9362	9362	-176
0	8384	8384	-840
0	8849	8849	-953
313	9454	9767	-774
0	9117	9117	-1599
0	8747	8747	-1534
491	9312	9803	-5
718	9125	9843	-8
1794	8429	10223	1
1950	7312	9262	1813
2740	6632	9372	1156
3627	6321	9948	1158
3578	6440	10018	1514
3802	6150	9952	2129
3851	6375	10226	2161
3481	6071	9552	2119
3461	6021	9482	1759
2603	5938	8541	435
2730	5652	8382	913
2824	5358	8182	1148
1839	5280	7119	1204
2048	4103	6151	1233
2516	3771	6287	2480
2994	3844	6838	2054
4037	3860	7897	1862
4564	3848	8412	2143
5295	3727	9022	2571
5607	3919	9526	3443
5675	3881	9556	3671
5773	3818	9591	3978
5695	3786	9481	3856
5734	3707	9441	3639
5061	3790	8551	3665
3676	3735	7411	2722
3569	3548	7117	2102
3121	3573	6694	1952
2945	3275	6220	1807
4669	2961	7330	1966
5529	3225	8754	3962
5480	3303	8783	3656
5646	3168	8814	3400
6163	3139	9302	4047
5978	3274	9252	4016
5802	3260	9062	4041
5529	3283	8812	4168
5149	3257	8406	4068
4651	3527	8178	3973
2848	3574	6422	1739
3062	3140	6202	1625
3013	3363	6376	1639
2311	4266	6577	1917
1337	4150	5487	1793
625	3862	4487	795
956	2951	3907	421
1863	2715	4578	1783
2185	2565	4750	1075
1403	2558	3961	1147
3699	2971	6670	2830

HEISE-WOODVILLE STOR.	HEISE-WOODVILLE NORM.	HEISE-WOODVILLE TOTAL	HEISE TO WOODVILLE LOSS STOR.
-176	7599	7423	0
-840	7122	6282	0
-953	7131	6178	0
-774	6897	6123	15
-1599	6450	5051	0
-1534	6537	5003	0
-5	6522	6517	24
-8	6573	6565	35
1	6602	6603	88
1813	6472	7485	95
1156	6204	7360	134
1158	6203	7360	177
1514	5799	7313	175
2129	5183	7312	186
2161	5249	7410	188
2119	4975	7174	170
1759	5082	6841	169
435	5004	5439	127
913	4878	5791	133
1148	4752	5920	138
1204	4652	5856	90
1233	4323	5556	100
2480	4003	6483	123
2054	3989	6043	146
1862	3946	5808	197
2143	3489	5632	223
2571	3502	6073	258
3443	3342	6985	274
3671	3398	7069	277
3978	3237	7215	282
3856	3331	7187	278
3639	3392	7031	380
3665	3254	6919	247
2722	3363	5485	179
2102	3344	5446	174
1952	3220	5172	152
1807	3175	4982	144
1966	3107	5073	213
3962	3081	7043	270
3656	3069	6925	268
3400	3026	6926	276
4047	2836	6883	301
4016	2949	6965	297
4041	2957	6998	283
4168	2757	6922	270
4068	2713	6781	251
3973	2947	6440	227
1739	2907	4646	139
1625	2964	4589	150
1639	2971	4610	147
1917	3138	4655	113
1793	3281	4674	65
795	3338	4333	30
421	3347	4010	47
1783	3296	5179	91
1075	3414	5289	107
1147	3421	5568	166
2830	2740	5576	176

REXBURG	DATE 1931	WOODVILLE STOR.	WOODVILLE NORM.	WOODVILLE TOTAL	DIV. WOOD - B.BR STOR.	WOOD - B.BR NORM.	WOOD - B.BR TOTAL	W-B LOSS ST
444	JUN 11	176	2404	2580	-1375	1898	1523	9
431	12	890	1530	2320	-1235	1160	1965	12
422	13	953	1887	2840	-918	1127	2209	11
409	14	1072	3308	4380	-131	2423	3291	16
395	15	1599	2621	4220	-135	2931	3798	18
382	16	1534	2336	3870	-134	3387	3253	16
367	17	472	3048	3520	276	2813	3109	10
359	18	671	2479	3370	908	2591	2991	
363	19	1705	1125	2830	1112	1757	2869	
355	20	842	1438	2280	1013	1223	2297	
355	21	1450	670	2120	940	942	1882	
347	22	2292	238	2530	439	951	1589	
351	23	1889	781	2670	917	1200	2117	
343	24	1487	1183	2670	984	1133	2117	
339	25	1502	1458	2960	1021	1077	2098	
331	26	1112	1658	2770	1281	1141	2422	
331	27	1533	1167	2700	1284	1058	2342	
323	28	1841	879	2720	1617	661	2278	
311	29	1684	1194	2880	1746	731	2477	
323	30	1518	1012	2530	1330	718	2048	
319	JUL 1	545	1475	2020	503	692	1195	
319	2	715	725	1440	-120	796	676	
311	3	-87	1317	1230	-120	778	658	
311	4	794	826	1620	-40	737	697	
311	5	1978	692	2670	1369	701	2070	
299	6	2198	702	2900	1744	718	2462	
303	7	2446	134	2580	1952	588	2540	
331	8	1690	990	2680	1837	360	2202	
335	9	1727	953	2680	1846	547	2393	
375	10	1513	1187	2700	1855	459	2314	
359	11	1561	1119	2680	1912	459	2371	
351	12	1715	1055	2770	1769	493	2262	
408	13	1149	1451	2600	1265	592	1857	
351	14	1375	865	2240	1257	596	1853	
335	15	1293	1017	2310	1194	590	1784	
371	16	1017	1283	2300	1278	557	1835	
395	17	994	956	1950	849	541	1390	
379	18	2190	-120	2070	1216	541	1757	
307	19	1297	843	2140	1247	541	1788	
283	20	1356	784	2140	1377	535	1912	
268	21	1470	690	2160	1210	526	1736	
266	22	1815	685	2500	1695	526	2221	
261	23	1670	880	2550	1756	492	2248	
254	24	1478	1002	2480	1872	385	2257	
250	25	1091	1279	2370	1424	436	1860	
250	26	830	1420	2250	1251	503	1754	
254	27	931	1519	2450	1240	544	1784	
351	28	970	1400	2370	1324	567	1891	
467	29	1287	1083	2370	1324	632	1956	
620	30	1227	1423	2650	1680	621	2301	
720	31	681	2189	2870	1458	698	2356	
720	AUG 1	-121	2381	2260	117	1685	1802	
680	2	-400	2080	1680	57	1230	1287	
665	3	288	1102	1390	0	1541	1541	
635	4	-11	1061	1050	0	1115	1115	
620	5	203	582	785	0	722	722	
600	6	1090	-315	775	-113	661	548	
566	7	587	673	1240	200	751	953	

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS 1931

D - B.BR.		W - B.B.	PENALTY	BLACKFOOT BR.			BLACK. RIV.	
NORM	TOTAL	LOSS STOR	NORM. FLOW STOR.	STOR	NORM.	TOTAL	STOR.	NORM.
2898	1523	93	-1630	3088	-2605	483	0	0
3100	1865	124	-287	2238	-1984	254	0	0
3423	3292	112	-255	2014	-1967	47	0	0
3431	3296	72	-248	1379	-974	405	0	0
3387	3253	104	-258	1888	-1144	744	0	0
2813	3109	100	-123	1691	-1343	348	0	0
2533	2941	11	-124	289	-76	213	0	0
1757	2869	17	-108	374	-144	230	0	34
1223	2292	36	-15	572	-515	57	0	123
942	1882	0	-31	-146	146	0	0	0
951	1589	31	-38	517	-517	0	0	0
1200	2117	99	-73	1628	-1609	19	0	0
1133	2117	58	-50	964	-734	230	0	0
1077	2098	30	-44	517	-380	137	0	0
1141	2422	29	-48	500	-237	263	0	0
1058	2342	0	-12	-157	472	315	0	0
661	2278	15	-55	289	-255	34	0	0
731	2477	13	-57	248	-258	10	0	0
718	2048	0	-45	-17	97	80	0	0
692	1195	11	-47	274	-157	67	0	0
796	676	3	-47	86	127	213	0	0
738	618	50	-30	815	-223	592	0	0
737	697	2	-38	69	293	362	0	0
701	2070	50	-48	832	-554	278	0	0
714	2458	37	-57	629	-585	44	0	0
588	2540	27	-30	457	-369	88	0	0
360	2702	31	-2	485	-425	60	13	0
547	2393	0	-2	-150	155	5	30	0
459	2314	0	-2	-117	119	2	30	0
459	2371	0	-2	-340	340	0	47	0
493	2262	0	-11	-349	352	3	51	0
592	1857	0	-55	-43	55	12	80	0
596	1853	7	-63	-61	210	149	85	0
590	1784	6	-63	174	10	184	73	0
557	1835	0	-55	156	-47	109	65	0
541	1390	9	-55	-206	380	174	74	0
541	1757	58	-3	191	-76	115	45	0
581	1788	3	-4	919	-862	57	17	0
535	1712	11	-3	50	-5	45	28	0
526	1734	14	-2	172	-100	72	32	0
526	2221	7	-3	247	-158	89	22	0
492	2228	0	-3	115	-77	38	17	0
385	1797	4	-3	-43	66	3	5	0
434	1860	0	-2	65	-38	27	0	0
503	1854	0	-2	-331	477	146	0	0
544	1886	0	-41	-519	646	127	0	0
567	1888	0	-60	-348	415	67	0	0
632	1956	0	-60	-291	421	130	1	0
671	2301	0	-60	23	-6	17	123	0
698	2356	0	-54	-393	451	58	132	0
1685	1802	0	-59	-917	1079	162	151	0
1230	1287	17	-16	-182	292	110	148	0
1541	1541	0	-17	-390	696	298	147	0
1115	1115	12	-5	287	-188	99	176	0
722	722	72	-17	6	-6	0	198	0
540	540	0	-27	196	-196	0	212	0
				1148	-1148	0	206	
				391	-391			

CLOUGHS			DATE	AM. FALLS RES.	NEELEY			DATE	LAKE WALCOTT	MINIDOKA CANALS					
STOR.	NORM.	TOTAL	1931	CONT. AC. FT.	STOR.	NORM	TOTAL	1931	CONT. AC. FT.	NORTH	SOUTH	TOTAL	STOR	NORM.	STOR
396	130	526	JUN 12	998 550	6470	2880	9550	JUN 13	94 840	1500	1120	2620	2620	0	3
243	130	373	13	986 530	6670	2880	9550	14	95 180	1510	1160	2670	2670	0	3
93	130	223	14	973 930	6020	2880	8900	15	94 720	1430	1160	2590	2590	0	3
182	130	312	15	962 140	6700	2880	8580	16	92 160	1460	1160	2620	2620	0	3
649	130	779	16	950 150	6260	2880	9140	17	95 790	1540	1160	2700	2700	0	3
385	130	515	17	937 350	6960	2880	9340	18	95 910	1520	1160	2680	2680	0	3
219	164	383	18	922 840	4304	2914	7220	19	96 150	1520	1160	2680	2680	0	3
135	253	388	19	914 300	5737	3003	8740	20	96 750	1520	1170	2690	2690	0	3
139	130	269	20	902 980	5460	2880	8340	21	96 270	1500	1160	2660	2660	0	3
39	130	169	21	891 950	5420	2880	8300	22	95 930	1440	1120	2560	2560	0	3
19	130	149	22	881 340	5500	2880	8380	23	94 250	1330	1140	2470	2470	0	3
17	130	147	23	867 240	4020	2880	6900	24	94 250	1230	1130	2360	2360	0	3
19	130	149	24	851 570	5940	2880	8820	25	93 790	1230	1140	2370	2370	0	3
33	130	163	25	844 900	5900	2880	8780	26	92 860	1350	1150	2500	2500	0	3
49	130	179	26	835 460	6180	2880	9060	27	92 510	1440	1150	2590	2590	0	3
214	130	344	27	827 440	6670	2880	9550	28	91 690	1470	1150	2620	2620	0	3
71	130	201	28	811 800	6800	2880	9680	29	91 460	1470	1140	2610	2610	0	3
45	130	175	29	798 090	7010	2880	9890	30	91 810	1470	1130	2600	2600	0	3
42	130	172	30	783 360	7220	2880	10100	JUL. 1	92 860	1500	1140	2640	2640	0	3
49	130	179	JUL. 1	770 380	7320	2880	10200	2	93 440	1570	1140	2710	2710	0	3
42	130	172	2	755 960	7820	2880	10600	3	93 090	1590	1150	2740	2740	0	3
279	130	409	3	737 580	7920	2880	10800	4	94 950	1590	1140	2730	2730	0	3
300	130	430	4	722 830	7010	2880	9890	5	94 020	1590	1110	2700	2700	0	3
214	130	344	5	711 030	6460	2880	9340	6	95 550	1540	1120	2660	2660	0	3
127	130	257	6	699 750	6880	2880	9760	7	96 150	1570	1130	2700	2700	0	3
65	130	195	7	685 070	7220	2880	10100	8	96 870	1590	1140	2730	2730	0	3
65	130	195	8	670 030	7220	2880	10100	9	96 870	1590	1140	2730	2730	0	3
82	130	212	9	655 750	6960	2880	9840	10	96 720	1580	1140	2720	2720	0	3
58	130	188	10	638 780	6880	2880	9760	11	96 950	1590	1150	2740	2740	0	3
65	130	195	11	623 960	6590	2880	9470	12	95 070	1590	1150	2740	2740	0	3
68	130	198	12	610 920	7120	2880	10000	13	94 720	1590	1150	2740	2740	0	3
89	130	219	13	597 470	7220	2880	10100	14	94 720	1590	1150	2740	2740	0	3
93	130	223	14	582 550	7220	2880	10100	15	94 250	1590	1150	2740	2740	0	3
85	130	215	15	568 620	7420	2880	10300	16	94 840	1590	1170	2760	2760	0	3
78	130	208	16	553 220	7420	2880	10300	17	94 840	1590	1170	2760	2760	0	3
89	130	219	17	538 850	7320	2880	10200	18	94 600	1570	1170	2740	2740	0	3
96	130	226	18	523 070	7320	2880	10200	19	94 020	1590	1160	2750	2750	0	3
82	130	212	19	508 830	7320	2880	10200	20	94 370	1590	1160	2750	2750	0	3
58	130	188	20	494 100	7420	2880	10300	21	94 370	1590	1160	2750	2750	0	3
52	130	182	21	479 720	7220	2880	10100	22	94 720	1590	1160	2750	2750	0	3
49	130	179	22	464 630	7220	2880	10100	23	95 070	1590	1160	2750	2750	0	3
42	130	172	23	451 440	7220	2880	10100	24	94 720	1590	1160	2750	2750	0	3
22	130	152	24	437 290	7050	2880	9930	25	94 600	1570	1160	2730	2730	0	3
19	130	149	25	422 830	7050	2880	9930	26	94 840	1590	1150	2740	2740	0	3
25	130	155	26	409 330	6710	2880	9590	27	94 950	1590	1150	2740	2740	0	3
25	130	155	27	394 460	7120	2880	10000	28	95 430	1590	1160	2750	2750	0	3
22	130	152	28	380 600	7420	2880	10300	29	94 390	1560	1160	2720	2720	0	3
33	130	163	29	365 840	7220	2880	10100	30	95 910	1480	1150	2630	2630	0	3
36	130	166	30	353 130	6880	2880	9760	31	95 670	1390	1140	2530	2530	0	3
71	130	201	31	339 020	6800	2880	9680	AUG. 1	94 950	1360	1120	2480	2480	0	3
187	130	317	AUG. 1	324 680	6630	2880	9510	2	94 020	1230	1120	2350	2350	0	3
229	130	359	2	313 970	6550	2880	9430	3	92 620	1140	1100	2240	2240	0	3
264	130	394	3	302 020	5190	2880	8070	4	88 780	1180	1110	2290	2290	0	3
316	130	446	4	292 650	4300	2880	7180	5	84 240	1190	1120	2310	2310	0	3
214	130	344	5	284 860	4260	2880	7140	6	78 920	1180	1120	2300	2300	0	3
265	130	395	6	276 400	4230	2880	7110	7	73 390	1180	1110	2290	2290	0	3
214	130	344	7	276 410	3890	2880	6770	8	67 980	1170	1120	2290	2290	0	3
210	130	340	8	261 780	3530	2880	6410	9	62 380	1160	1070	2230	2230	0	3

1931

MINDOKA CANALS

PLATE NO 12

MAIN N.S. CANAL					HOWELLS			DATE 1931	LAKE MILNER GAUGE	GOODING				P.A. LATERAL
SOUTH	TOTAL	STOR	NORM.	STOR.	NORM	TOTAL	STOR.			GOODING PROJECT		N.SIDE PROJECT		
										STOR.	NORM.			
1120	1120	2430	0	3320	2880	4350	415	June 30	10.53	920	0	0	5	41
1130	1130	2440	0	3330	2880	4360	387	15	10.53	930	0	0	5	41
1130	1130	2450	0	3330	2880	4360	379	16	10.53	930	0	0	0	41
1140	1140	2530	0	3330	2880	4360	419	17	10.52	930	0	0	0	41
1140	1140	2420	0	3340	2880	4370	399	18	10.52	937	0	0	0	41
1140	1140	2400	0	3340	2880	4370	399	19	10.51	940	0	0	0	41
1150	1150	2480	0	3350	2880	4380	379	20	10.51	940	0	0	0	41
1150	1150	2460	0	3350	2880	4380	419	21	10.50	940	0	0	0	41
1150	1150	2540	0	3350	2880	4380	419	22	10.50	940	0	0	0	41
1160	1160	2570	0	3360	2880	4390	399	23	10.49	940	0	0	0	41
1160	1160	2550	0	3360	2880	4390	399	24	10.49	940	0	0	0	41
1160	1160	2530	0	3360	2880	4390	419	25	10.48	940	0	0	0	41
1170	1170	2510	0	3370	2880	4400	419	26	10.48	940	0	0	0	41
1170	1170	2490	0	3370	2880	4400	419	27	10.47	940	0	0	0	41
1170	1170	2470	0	3370	2880	4400	419	28	10.47	940	0	0	0	41
1180	1180	2450	0	3380	2880	4410	419	29	10.46	940	0	0	0	41
1180	1180	2430	0	3380	2880	4410	419	30	10.46	940	0	0	0	41
1180	1180	2410	0	3380	2880	4410	419	31	10.45	940	0	0	0	41
1190	1190	2390	0	3390	2880	4420	419	June 1	10.45	940	0	0	0	41
1190	1190	2370	0	3390	2880	4420	419	2	10.44	940	0	0	0	41
1190	1190	2350	0	3390	2880	4420	419	3	10.44	940	0	0	0	41
1200	1200	2330	0	3400	2880	4430	419	4	10.43	940	0	0	0	41
1200	1200	2310	0	3400	2880	4430	419	5	10.43	940	0	0	0	41
1200	1200	2290	0	3400	2880	4430	419	6	10.42	940	0	0	0	41
1210	1210	2270	0	3410	2880	4440	419	7	10.42	940	0	0	0	41
1210	1210	2250	0	3410	2880	4440	419	8	10.41	940	0	0	0	41
1210	1210	2230	0	3410	2880	4440	419	9	10.41	940	0	0	0	41
1220	1220	2210	0	3420	2880	4450	419	10	10.40	940	0	0	0	41
1220	1220	2190	0	3420	2880	4450	419	11	10.40	940	0	0	0	41
1220	1220	2170	0	3420	2880	4450	419	12	10.39	940	0	0	0	41
1230	1230	2150	0	3430	2880	4460	419	13	10.39	940	0	0	0	41
1230	1230	2130	0	3430	2880	4460	419	14	10.38	940	0	0	0	41
1230	1230	2110	0	3430	2880	4460	419	15	10.38	940	0	0	0	41
1240	1240	2090	0	3440	2880	4470	419	16	10.37	940	0	0	0	41
1240	1240	2070	0	3440	2880	4470	419	17	10.37	940	0	0	0	41
1240	1240	2050	0	3440	2880	4470	419	18	10.36	940	0	0	0	41
1250	1250	2030	0	3450	2880	4480	419	19	10.36	940	0	0	0	41
1250	1250	2010	0	3450	2880	4480	419	20	10.35	940	0	0	0	41
1250	1250	1990	0	3450	2880	4480	419	21	10.35	940	0	0	0	41
1260	1260	1970	0	3460	2880	4490	419	22	10.34	940	0	0	0	41
1260	1260	1950	0	3460	2880	4490	419	23	10.34	940	0	0	0	41
1260	1260	1930	0	3460	2880	4490	419	24	10.33	940	0	0	0	41
1270	1270	1910	0	3470	2880	4500	419	25	10.33	940	0	0	0	41
1270	1270	1890	0	3470	2880	4500	419	26	10.32	940	0	0	0	41
1270	1270	1870	0	3470	2880	4500	419	27	10.32	940	0	0	0	41
1280	1280	1850	0	3480	2880	4510	419	28	10.31	940	0	0	0	41
1280	1280	1830	0	3480	2880	4510	419	29	10.31	940	0	0	0	41
1280	1280	1810	0	3480	2880	4510	419	30	10.30	940	0	0	0	41
1290	1290	1790	0	3490	2880	4520	419	July 1	10.30	940	0	0	0	41
1290	1290	1770	0	3490	2880	4520	419	2	10.29	940	0	0	0	41
1290	1290	1750	0	3490	2880	4520	419	3	10.29	940	0	0	0	41
1300	1300	1730	0	3500	2880	4530	419	4	10.28	940	0	0	0	41
1300	1300	1710	0	3500	2880	4530	419	5	10.28	940	0	0	0	41
1300	1300	1690	0	3500	2880	4530	419	6	10.27	940	0	0	0	41
1310	1310	1670	0	3510	2880	4540	419	7	10.27	940	0	0	0	41
1310	1310	1650	0	3510	2880	4540	419	8	10.26	940	0	0	0	41
1310	1310	1630	0	3510	2880	4540	419	9	10.26	940	0	0	0	41
1320	1320	1610	0	3520	2880	4550	419	10	10.25	940	0	0	0	41
1320	1320	1590	0	3520	2880	4550	419	11	10.25	940	0	0	0	41
1320	1320	1570	0	3520	2880	4550	419	12	10.24	940	0	0	0	41
1330	1330	1550	0	3530	2880	4560	419	13	10.24	940	0	0	0	41
1330	1330	1530	0	3530	2880	4560	419	14	10.23	940	0	0	0	41
1330	1330	1510	0	3530	2880	4560	419	15	10.23	940	0	0	0	41
1340	1340	1490	0	3540	2880	4570	419	16	10.22	940	0	0	0	41
1340	1340	1470	0	3540	2880	4570	419	17	10.22	940	0	0	0	41
1340	1340	1450	0	3540	2880	4570	419	18	10.21	940	0	0	0	41
1350	1350	1430	0	3550	2880	4580	419	19	10.21	940	0	0	0	41
1350	1350	1410	0	3550	2880	4580	419	20	10.20	940	0	0	0	41
1350	1350	1390	0	3550	2880	4580	419	21	10.20	940	0	0	0	41
1360	1360	1370	0	3560	2880	4590	419	22	10.19	940	0	0	0	41
1360	1360	1350	0	3560	2880	4590	419	23	10.19	940	0	0	0	41
1360	1360	1330	0	3560	2880	4590	419	24	10.18	940	0	0	0	41
1370	1370	1310	0	3570	2880	4600	419	25	10.18	940	0	0	0	41
1370	1370	1290	0	3570	2880	4600	419	26	10.17	940	0	0	0	41
1370	1370	1270	0	3570	2880	4600	419	27	10.17	940	0	0	0	41
1380	1380	1250	0	3580	2880	4610	419	28	10.16	940	0	0	0	41
1380	1380	1230	0	3580	2880	4610	419	29	10.16	940	0	0	0	41
1380	1380	1210	0	3580	2880	4610	419	30	10.15	940	0	0	0	41
1390	1390	1190	0	3590	2880	4620	419	31	10.15	940	0	0	0	41
1390	1390	1170	0	3590	2880	4620	419	Aug. 1	10.14	940	0	0	0	41
1390	1390	1150	0	3590	2880	4620	419	2	10.14	940	0	0	0	41
1400	1400	1130	0	3600	2880	4630	419	3	10.13	940	0	0	0	41
1400	1400	1110	0	3600	2880	4630	419	4	10.13	940	0	0	0	41
1400	1400	1090	0	3600	2880	4630	419	5	10.12	940	0	0	0	41
1410	1410	1070	0	3610	2880	4640	419	6	10.12	940	0	0	0	41
1410	1410	1050	0	3610	2880	4640	419	7	10.11	940	0	0	0	41
1410	1410	1030	0	3610	2880	4640	419	8	10.11	940	0	0	0	41
1420	1420	1010	0	3620	2880	4650	419	9	10.10	940	0	0	0	41
1420	1420	990	0	3620	2880	4650	419	10	10.10	940	0	0	0	41
1420	1420	970	0	3620	2880	4650	419	11	10.09	940	0	0	0	41
1430	1430	950	0	3630	2880	4660	419	12	10.09	940	0	0	0	41
1430	1430	930	0	3630	2880	4660	419	13	10.08	940	0	0	0	41
1430	1430	910	0	3630	2880	4660	419	14	10.08	940	0	0	0	41
1440	1440	890	0	3640	2880	4670	419	15	10.07	940	0	0	0	41
1440	1440	870	0	3640	2880	4670	419	16	10.07	940	0	0	0	41
1440	1440	850	0	3640	2880	4670	419	17	10.06	940	0	0	0	41
1450	1450	830	0	3650	2880	4680	419	18	10.06	940	0	0	0	41
1450	1450	810	0	3650	2880	4680	419	19	10.05	940	0	0	0	41
1450	1450	790	0	3650	2880	4680	419	20	10.05	940	0	0	0	41
1460	1460	770	0	3660	2880	4690	419	21	10.04	940	0	0	0	41
1460	1460	750	0	3660	2880	4690	419	22	10.04	940	0	0	0	41
1460	1460	730	0	3660	2880	4690	419	23	10.03	940	0	0	0	41
1470	1470	710	0	3670	2880	4700	419	24	10.03	940	0	0	0	41
1470	1470	690	0	3670	2880	4700	419	25	10.02	940	0	0	0	41
1470	1470	670	0	3670	2880	4700	419	26	10.02	940	0	0	0	41
1480	1480	650	0	3680	2880	4710	419	27	10.01	940	0	0	0	41
1480	1480	630	0	3680	2880	4710	419	28	10.01	940	0	0	0	41
1480	1480	610	0	3680	2880	4710	419	29	10.00	940	0	0	0	41
1490	1490	590	0	3690	2880	4720	419	30	10.00	940	0	0	0	41
1490	1490	570	0	3690	2880	4720	419	31	9.99	940	0	0	0	41
1490	1490	550	0	3690	2880	4720	419	Sept. 1	9.99	940	0	0	0	41
1500	1500	530	0	3700	2880	4730	419	2	9.98	940	0	0	0	41
1500	1500	510	0	3700	2880	4730	419	3	9.98	940	0	0	0	41
1500	1500	490	0	3700	2880	4730	419	4	9.97	940	0	0	0	41
1510	1510	470	0	3710	2880	4740	419	5	9.97	940	0	0	0	41
1510	1510	450	0	3710	2880	4740	419	6	9.96	940	0	0	0	41
1510	1510	430	0	3710	2880	4740	419	7	9.96	940	0	0	0	41
1520	1520	410	0	3720	2880	4750	419	8	9.95	940	0	0	0	41
1520	1520	390	0	3720	2880	4750	419	9	9.95	940	0	0	0	41
1520	1520	370	0	3720	2880	4750	419	10	9.94	940	0	0	0	41
1530	1530	350	0	3730	2880	4760	419	11	9.94	940	0	0	0	41
1530	1530	330	0	3730	2880	4760	419	12	9.93	940	0	0	0	41
1530	1530	310	0	3730	2880	4760	419	13	9.93	940	0	0	0	41
1540	1540	290	0	3740	2880	4770	419	14	9.92	940	0	0	0	41
1540	1540	270	0	3740	2880	4770	419	15	9.92	940	0	0	0	41
1540	1540	250	0	3740	2880	4770	419	16	9.91	940	0	0	0	41
1550	1550	230	0	3750	2880	4780	419	17	9.91	940	0	0	0	41
1550	1550	210	0	3750	2880	4780	419	18	9.90	940	0	0	0	41
1550	1550	190	0	3750	2880	4780	419	19	9.90	940	0	0	0	41
1560	1560	170	0	3760	2880	4790	419	20	9.89	940	0	0	0	41
1560	1560	150	0	3760	2880	4790	419	21	9.89	940	0	0	0	41
1560	1560	130	0	3760	2880	4790	419	22	9.88	940	0	0	0	41
1570	1570	110	0	3770	2880	4800	419	23	9.88	940	0	0	0	41
1570	1570	90	0	3770	2880	4800	419	24	9.87	940	0	0	0	41
1570	1570	70	0	3770	2880	4800	419	25	9.87	940	0	0	0	41
1580	1580	50	0	3780	2880	4810	419	26	9.86	940	0	0	0	41
1580	1580	30	0	3780	2880	4810	419	27	9.86	940	0	0	0	41
1580	1580	10	0	3780	2880	4810	419	28	9.85	940	0	0	0	41
1590	1590	0	0	3790	2880	4820	419	29	9.85	940	0	0	0	41
1590	1590	0	0	3790	2880	4820	419	30	9.84	940	0	0	0	41
1590	1590	0	0	3790	2880	4820	419	Oct. 1	9.84	940	0	0	0	41
1600	1600	0	0	3800	2880	4830	419	2	9.83	940	0	0	0	41
1600	1600	0	0	3800	2880	4830	419	3	9.83	940	0	0	0	41
1600	1600	0	0	3800	2880	4830	419	4	9.82	940	0	0	0	41
1610	1610	0	0	3810	2880	4840	419	5	9.82	940	0	0	0	41
1610	1610	0	0	3810	2880	4840	419	6	9.81	940	0	0	0	41
1610	1610	0	0	3810	2880	4840	419	7	9.81	940	0	0	0	41
1620	1620	0	0	3820	2880	4850	419	8	9.80	940	0	0	0	41
1620	1620	0	0	3820	2880	4850	419	9	9.80	940	0	0	0	41
1620	1620	0	0	3820	2880	4850	419	10	9.79	940	0	0	0	41
1630	1630	0	0	3830	2880	4860	419	11	9.79	940	0	0	0	41
1630	1630	0	0	3830	2880	4860	419	12	9.78	940	0	0	0	41
1630	1630	0	0	3830	2880	4860	419	13	9.78	940	0	0	0	41
1640	1640	0	0	3840	2880	4870	419	14	9.77	940	0	0	0	41
1640	1640	0	0	3840	2880	4870	419	15	9.77	940	0	0	0	41
1640	1640	0	0	3840	2880	4870	419	16	9.76	940	0	0	0	41
1650	1650	0	0	3850	2880	4880	419	17	9.76	940	0	0	0	41
1650	1650	0	0	3850	2880	4880	419	18	9.75	940	0	0	0	41
1650	1650	0	0	3850	2880	4880	419	19	9.75	940	0	0	0	41
1660	1660	0	0	3860	2880	4890	419	20	9.74	940	0	0	0	41
1660	1660	0	0	3860	2880	4890	419	21	9.74	940	0	0	0	41
1660	1660	0	0	3860	2880	4890	419	22	9.73	940	0	0	0	41
1670	1670	0	0	3870	2880	4900	419	23	9.73	940	0	0	0	41
1670	1670	0	0	3870	2880	4900	419	24	9.72	940	0	0	0	41
1670	1670	0	0	3870	2880	4900	419	25	9.72	940	0	0	0	41
1680	1680	0	0	3880	2880	4910	419	26	9.71	940	0	0	0	41
1680	1680	0	0	3880	2880	4910	419	27	9.71	940	0	0	0	41
1680	1680	0	0	3880	2880	4910	419	28	9.70	940	0	0	0	41
1690	1690	0	0	3890	2880	4920	419	29	9.70	940	0	0	0	41
1690	1690	0	0	3890	2880	4920	419	30	9.69	940	0	0	0	41
1690	1690	0	0	3890	2880	4920	419	31	9.69	940	0	0	0	41
1700	1700	0	0	3900	2880	4930	419	Nov. 1	9.68	940	0	0	0	41
1700	1700	0	0	3900	2880	4930	419	2	9.68	940	0	0	0	41
1700	1700	0	0	3900	2880	4930	419	3	9.67	940	0	0	0	41
1710	1710	0	0	3910	2880	4940	419	4	9.67	940	0	0	0	41
1710	1710	0	0	3910	2880	4940	419	5	9.66	940	0	0	0	41
1710	1710	0	0	3910	2880	4940	419	6	9.66	940	0	0	0	41
1720	1720	0	0	3920	2880	4950	419	7	9.65	940	0	0	0	41

DATE 1931	JACKSON LAKE CONT. AC. FT.	MORAN STOR.	MORAN NORM	MORAN TOTAL	TWIN LAKES DISCH	TWIN LAKES +MORAN	MORAN HEISE LOSS STOR	HEISE STOR.	DATE	HEISE + RILEY STOR.	HEISE + RILEY NORM.	HEISE + RILEY TOTAL	DIV. HEISE-WOODVILLE STOR.	HEISE-WOODVILLE NORM.	HEISE-WOODVILLE TOTAL	HEISE TO WOODVILLE LOSS STOR.	REXBURG	DATE 1931	WOODVILLE STOR.	WOODVILLE NORM.	WOODVILLE TOTAL	DIV. WOOD.-BB STOR.	BB NORM.	BB TOTAL	W-BB LOSS STOR	PENNEY NORM FLOW STOR
AUG. 1	44 150	3560	400	3960	0	3560	89	9	AUG. 1	3467	3143	6605	3166	2674	5800	169	476	AUG. 1	187	1153	1340	493		731	806	0	-
	138 050	4090	500	4590	0	4090	102	9		3979	3099	7078	3343	2804	5847	194	418		822	738	1560	1053		1536	1537	0	-
	150 380	3760	400	4160	0	3760	94	9		3657	2731	6388	3201	2804	4305	178	408		1970	- 10	1960	905		1297	1297	64	- 3
	143 100	3630	350	3980	0	3630	91	9		3530	3208	6738	3483	2900	4453	172	480		1805	585	2390	1104		1678	1678	62	- 3
	135 580	4230	300	4530	0	4230	104	9		4115	2453	6768	3486	2898	4386	201	530		2426	424	2940	1870		1447	1447	33	- 3
	126 130	5090	300	5390	0	5090	127	9		4959	2778	7737	3810	2851	4671	247	548		2897	838	3730	1847		1333	1333	43	- 3
	114 240	4740	300	5040	0	4740	118	9		4613	3087	7700	3796	2965	4721	225	595		2632	668	3300	1834		2511	2511	48	- 3
	107 510	2690	1400	4090	0	2690	67	9		2414	4756	7170	3350	3191	5141	128	670		536	2404	2940	1453		2549	2549	0	-
	103 100	1480	1130	2610	0	1480	37	9		1434	4456	5890	3110	3343	5053	70	745		- 344	2496	2150	790		1917	1917	0	-
	100 170	1390	650	2040	0	1390	35	9		1346	3602	4948	3179	3336	4115	66	760		501	1539	2040	648		1316	1316	0	-
	97 420	1750	630	2380	0	1750	44	9		1497	3342	5037	3387	3161	4548	83	760		227	1523	1750	570		1240	1240	0	-
	93 940	1020	870	1890	0	1020	26	9		985	3893	4878	3205	3079	4484	48	720		- 448	1938	1490	547		1189	1189	0	-
	91 920	555	550	1110	0	555	14	9		532	3606	4138	3149	2843	4312	26	675		- 943	2283	1340	507		1774	1774	0	-
	90 820	832	318	1150	0	832	21	9		802	3034	3846	3179	2497	3414	39	680		- 154	1544	1390	786		1059	1059	0	-
	89 170	1150	290	1440	0	1150	29	9		1112	2774	3886	3124	2564	3440	58	595		174	1276	1400	780		1124	1124	0	-
	86 090	2480	290	2770	0	2480	62	9		2409	2119	4528	3124	2598	3527	118	585		1362	118	1480	307		1110	1110	39	-
	80 490	3080	290	3370	0	3080	77	9		2994	2415	5409	3124	2816	3483	144	590		1981	159	2140	1283		1644	1644	42	-
	75 790	2730	290	3020	0	2730	68	9		2653	2803	5456	3124	2800	4299	130	615		1074	996	2070	988		1458	1458	5	-
	70 730	2020	290	2310	0	2020	51	9		1960	3107	5067	3124	3038	4300	96	625		602	1228	1830	1101		1578	1578	0	-
	67 870	1320	290	1610	0	1320	33	9		1278	2798	4076	3124	2847	3971	62	650		92	1508	1600	795		1151	1151	0	-
	64 480	1850	290	2140	0	1850	46	9		1795	2451	4246	3124	2616	3731	86	710		592	407	990	575		1028	1028	1	-
	60 920	2000	290	2290	0	2000	50	9		1941	2430	4371	3124	2769	4190	95	660		425	532	957	171		387	387	15	-
	54 280	2480	290	2770	0	2480	62	9		2409	2431	4840	3124	2817	4511	118	625		597	473	1070	57		592	592	33	-
	51 300	2570	310	2880	0	2570	64	9		2497	2603	5100	3124	2781	4125	122	645		1031	639	1670	553		1221	1221	29	-
	46 200	2220	410	2630	0	2220	55	9		2156	2874	5030	3124	2884	4119	105	665	SEP. 1	816	984	1800	922		1414	1414	0	-
	41 800	1870	570	2440	0	1870	47	7	SEP. 1	1816	2984	4800	3117	2948	3659	89	615	2	1016	664	1780	930		1672	1672	5	-
SEP. 1	38 100	1510	680	2190	0	1510	38	7	2	1465	3090	4555	3140	2910	3650	72	600	3	653	1357	1910	1158		1456	1456	0	-
2	35 110	1580	410	1990	0	1580	40	0	3	1540	2786	4326	3138	2935	3263	75	552	4	1137	863	2000	1318		1687	1687	0	-
3	31 980	1340	300	1640	0	1340	34	0	4	1306	2830	4136	3112	2825	2897	64	548	5	1170	770	1940	1200		1636	1636	0	-
4	29 890	508	290	798	0	508	13	0	5	495	3190	3685	3114	2693	2777	24	544	6	387	1123	1510	867		1318	1318	0	-
5	29 370	426	280	706	0	426	11	0	6	415	2766	3181	3114	2719	3043	20	521	7	71	907	978	449		955	955	0	-
6	28 670	780	280	1060	0	780	20	0	7	760	2370	3130	3146	2783	3299	37	512	8	207	479	686	122		510	510	5	-
7	24 590	1050	270	1320	0	1050	26	0	8	1024	2336	3360	3133	2901	3834	50	512	9	41	503	544	- 26		369	369	4	-
8	24 320	1150	270	1420	0	1150	29	0	9	1121	2399	3520	3114	2345	3491	55	498	10	- 60	559	499	- 26		283	283	0	-
9	22 410	1050	270	1320	0	1050	26	0	10	1024	2476	3500	3119	2498	3527	50	526	11	- 65	715	650	- 26		176	176	0	-
10	20 330	930	270	1200	0	930	23	0	11	907	2516	3423	3110	2202	3112	44	575	12	- 47	737	690	- 24		370	370	0	-
11	18 040	840	270	1110	0	840	21	0	12	819	2513	3332	3143	2360	3128	40	580	13	17	776	795	126		634	634	0	-
12	16 160	760	270	1030	0	760	19	0	13	741	2511	3252	3158	2397	3040	36	575	14	62	828	890	136		574	574	0	-
13	14 440	657	290	947	0	657	16	0	14	641	2541	3182	3179	1568	1826	31	570	15	352	788	1140	229		481	710	2	-
14	13 410	581	300	881	0	581	15	0	15	546	2565	3131	3179	1610	1889	28	539	16	259	1141	1400	610		854	1464	0	-
15	12 380	495	330	825	0	495	12	0	16	483	2628	3111	3179	1591	1805	24	530	17	245	1255	1500	246		887	1133	0	-
16	11 520	414	370	784	0	414	10	0	17	404	2667	3071	3179	1686	1846	20	544	18	224	1326	1550	60		151	1211	10	-
17	10 660	384	360	744	0	384	10	0	18	374	2647	3021	3179	1687	1835	18	544	19	208	1342	1600	60		748	808	4	-
18	9630	376	330	706	0	376	9	0	19	367	2634	3001	3179	2544	2730	18	534	20	- 95	1525	1480	0		1298	1298	0	-
19	8770	338	330	668	0	338	8	0	20	330	2672	3002	3179	2445	2664	16	552	21	93	1107	1200	- 8		844	824	7	-
20	7910	307	330	637	0	307	8	0	21	299	2723	3022	3179	2595	2739	15	552	22	140	1000	1140	60		718	778	5	-
21	7390	225	390	625	0	225	6	0	22	219	2854	3073	3179	2672	2835	11	562	23	45	954	999	60		615	675	0	-
22	7220	197	410	607	0	197	5	0	23	192	2881	3073	3179	2699	2888	9	590	24	- 6	1356	1350	60		729	789	0	-
23	6710	144	450	594	0	144	4	0	24	142	2931	3073	3179	2723	2913	7	585	25	- 55	1047	992	60		733	786	0	-
24	6530	1181	460	578	0	1181	3	0	25	115	2938	3053	3179	2821	2952	6	595	26	- 22	1042	1020	0		750	750	0	-
25	6020	133	440	573	0	133	3	0	26	130	2872	3002	3179	2894	3031	6	585	27	- 11	1051	1040	0		714	714	1	-
26	5500	135	420	555	0	135	3	0	27	132	2800	2932	3179	2885	3001	6	585	28	10	954	964	0		704	704	1	-
27	5140	154	390	544	0	154	4	0	28	150	2741	2891	3179	2875	2974	7	580	29	44	870	914	0		703	703	1	-
28	4630	167	360	527	0	167	4	0	29	143	2677	2860	3179	2931	3029	8	615	30	57	808	865	0					
29	5160	9	300	309	0	9	0	0	30	9	2591	2600	3179	2902	3000	0	610	OCT. 1	- 29	879	292	0					
30	4990	9	300	309	0	9	0	0	OCT. 1	9	2431	2440	3179			0		2	9								
TOTALS		234,084			815	281,602	7042	580		273,980			157,892			13,477			102,605			82,158				2,176

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATIONS 1931

D.-B.B.		W.-B.B.	PENALTY NORM. FLOW STOR.	BLACKFOOT B.R.			BLACK. RIV.		CLOUGHS			DATE	AM. FALLS RES. CONT. AC. FT.	NEELEY			DATE	LAKE WALCOTT CONT. AC. FT.	MINIDOKA CANALS				HOW	
NORM.	TOTAL	LOSS STOR		STOR.	NORM	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1931		STOR.	NORM.	TOTAL	1931		NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NO
313	806	0	- 7	- 297	301	2	181	0	187	130	317	Aug 9	254 450	3530	2880	6410	Aug 10	54 740	1140	902	2042	2042	0	4280	
289	1537	0	- 50	- 181	198	17	151	0	178	130	308	10	248 010	3430	2880	6310	11	51 170	1160	812	1972	1972	0	4280	
292	1297	64	- 51	1060	-1052	8	130	0	134	130	269	11	240 640	3320	2880	6200	12	45 450	1160	820	1980	1980	0	4330	
594	1678	42	- 55	714	- 640	74	138	0	156	130	284	12	234 330	3280	2880	6160	13	40 380	1160	817	1977	1977	0	4170	
582	2452	33	- 19	542	- 467	75	130	0	151	130	281	13	228 470	3280	2880	6160	14	34 980	1150	806	1956	1956	0	4260	
489	2533	63	- 27	1007	- 559	448	171	0	176	130	308	14	222 760	3250	2880	6130	15	29 590	1140	788	1928	1928	0	4260	
377	2511	48	- 27	777	- 241	536	191	0	400	130	730	15	217 470	3250	2880	6130	16	25 230	1060	753	1813	1813	0	4230	
716	2569	0	- 32	-1085	1339	254	220	0	421	130	551	16	210 550	4990	2880	7870	17	24 920	1060	756	1816	1816	0	4280	
177	1917	0	- 70	-1041	1078	62	228	0	327	130	452	17	199 130	6220	2880	9100	18	24 340	1080	778	1858	1858	0	4240	
498	1316	0	- 58	- 109	236	127	235	0	274	130	404	18	187 090	6180	2880	9060	19	24 340	1080	761	1841	1841	0	4140	
670	1240	0	- 61	- 282	717	435	244	0	396	130	524	19	175 830	5740	2880	8620	20	24 340	1080	758	1838	1838	0	3110	
622	1189	0	- 54	-979	1146	167	226	0	356	130	486	20	165 400	5460	2880	8340	21	25 330	1060	754	1814	1814	0	4030	
869	1376	0	- 19	-1431	1466	35	220	0	258	130	388	21	155 220	5240	2430	7950	22	24 820	1050	758	1808	1808	0	2650	
273	1059	0	- 17	- 923	923	0	210	0	229	130	359	22	147 640	3830	2690	6520	23	23 800	1080	733	1773	1773	0	2450	
344	1124	0	- 17	- 589	589	0	206	0	214	130	344	23	140 870	4080	2690	6770	24	24 010	1090	736	1776	1776	0	2450	
403	1110	39	- 19	635	- 635	0	206	0	214	130	344	24	132 270	4600	2690	7290	25	25 530	1070	772	1842	1842	0	2470	
361	1644	42	- 8	664	- 650	14	219	0	224	130	354	25	123 780	4830	2690	7520	26	24 550	0	795	795	795	0	2490	
470	1458	5	- 7	88	- 46	42	242	0	253	130	383	26	111 280	5220	2690	7910	27	32 290	0	789	789	789	0	3050	
477	1578	0	- 8	- 491	554	63	235	0	258	130	386	27	104 320	5220	2690	7910	28	34 880	0	775	775	775	0	4190	
406	1151	0	- 8	- 645	647	2	96	0	131	130	241	28	94 640	5070	2690	7760	29	35 190	0	764	764	764	0	4500	
453	1028	1	- 8	24	22	46	27	0	55	130	185	29	85 050	5030	2690	7720	30	35 400	0	700	700	700	0	4530	
216	387	15	- 2	241	- 241	0	18	0	39	130	169	30	74 400	4990	2690	7680	31	35 920	0	659	659	659	0	4370	
535	592	33	- 4	511	- 468	43	4	0	28	130	158	31	64 390	5030	2690	7720	Sept 1	37 040	0	654	654	654	0	4050	
518	771	29	- 4	453	- 434	19	0	0	25	130	155	Sept 1	54 950	3900	2690	6590	2	37 140	0	641	641	641	0	2300	
372	1414	0	- 10	- 96	108	12	0	0	28	130	158	2	49 720	2320	2690	5010	3	36 230	0	641	641	641	0	1720	
682	1612	5	- 11	92	- 86	6	0	0	31	130	161	3	46 240	1550	2690	4240	4	34 980	0	711	711	711	0	920	
498	1456	0	- 11	- 494	494	0	0	0	19	130	149	4	43 790	1090	2690	3780	5	33 720	0	736	736	736	0	730	
469	1687	0	- 11	- 170	170	0	0	0	22	130	152	5	42 460	690	2690	3380	6	32 080	0	733	733	733	0	750	
636	1636	0	- 11	- 19	19	0	0	0	14	130	144	6	41 260	690	2690	3380	7	30 420	0	725	725	725	0	770	
451	1318	0	- 8	- 472	472	0	0	0	22	130	152	7	39 700	740	2690	3430	8	28 780	0	708	708	708	0	890	
504	955	0	- 7	- 371	385	14	0	0	17	130	147	8	38 320	690	2690	3380	9	27 150	0	665	665	665	0	970	
388	510	5	- 2	82	- 82	0	0	0	11	130	141	9	36 940	1550	2690	4240	10	26 340	0	633	633	604	29	2019	
395	369	4	- 3	66	- 66	0	0	0	11	130	141	10	32 710	2220	2690	4910	11	26 550	0	641	641	482	159	2037	
309	283	0	- 3	- 31	31	0	0	0	11	130	141	11	28 960	1790	2690	4390	12	24 920	0	631	631	282	349	1881	
202	174	0	- 7	- 32	32	0	0	0	9	130	139	12	26 840	950	2690	3640	13	22 280	0	536	536	127	409	1819	
366	340	0	- 7	- 14	14	0	0	0	9	130	139	13	26 180	20	2690	2710	14	19 140	0	501	501	42	459	1129	
108	634	0	- 7	- 100	105	5	0	0	22	130	152	14	27 330	-140	2690	2530	15	18 650	80	505	585	126	459	-111	
148	574	0	- 3	- 61	61	0	0	0	19	130	149	15	28 060	- 20	2690	2660	16	19 040	734	272	1006	537	469	-351	
281	710	7	- 2	118	- 96	22	0	0	33	130	163	16	28 960	40	2690	2730	17	18 850	941	220	1161	672	489	-301	
354	1464	0	0	- 351	418	67	0	0	52	130	182	17	29 280	70	2690	2760	18	17 240	912	324	1236	746	490	-260	
187	1153	0	0	- 21	21	0	0	0	28	130	158	18	29 610	90	2690	2780	19	16 070	883	345	1228	718	510	-130	
51	1211	10	0	154	- 154	0	0	0	22	130	152	19	29 860	90	2690	2780	20	16 470	884	324	1212	712	500	60	
148	808	9	0	139	- 134	5	0	0	52	130	182	20	30 020	660	2690	3350	21	16 070	776	233	969	361	608	788	
498	1298	0	0	- 45	53	8	0	22	78	130	208	21	29 040	950	2690	3640	22	18 150	923	247	1170	372	798	588	
144	824	7	- 2	106	- 101	5	0	24	67	152	219	22	28 710	1000	2690	3690	23	17 460	824	281	1107	58	1049	509	
118	778	5	0	75	105	180	0	33	79	154	233	23	27 330	600	2690	3290	24	17 240	482	356	838	0	838	18	
315	675	0	0	- 15	29	14	0	34	63	163	226	24	28 060	- 160	2690	2530	25	17 860	494	426	830	0	830	- 140	
49	709	0	0	- 46	211	145	0	43	85	164	249	25	30 590	- 540	2690	2150	26	17 240	457	421	878	0	878	- 42	
27	797	0	0	- 115	305	190	0	58	92	173	245	26	32 550	- 570	2690	2120	27	16 670	340	419	759	0	759	- 101	
73	706	0	0	- 55	69	14	0	78	77	188	265	27	34 260	- 520	2690	2170	28	16 470	0	419	419	0	419	- 401	
50	350	0	0	- 11	75	64	0	50	82	208	290	28	36 100	- 430	2690	2260	29	15 580	0	413	413	0	413	- 327	
114	314	1	0	9	10	19	0	37	81	180	241	29	37 400	- 400	2690	2290	30	17 040	0	426	426	0	426	- 384	
84	704	1	0	41	- 41	0	0	72	70	147	237	30	39 330	- 380	2690	2310	Oct 1								
162	703	3	2	54	- 54				91	202	253	Oct 1					2								
				- 89								2					3								
				9								3					4								
							6,184		17,219					774,187							287,401				
		2,346	- 8,006	26,207																					

1931

PLATE NO. 13

MINIDOKA CANALS				HOWELLS			DATE	LAKE MILNER GAGE	GOODING		P.A. LATERAL	MAIN N.S. CAN.	N.S. CANAL CO.			T.F. CANAL CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL	1931		GOODING PROJECT NORM.	N.SIDE PROJECT STOR.			STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
902	2042	2042	0	4280	2880	7310	Aug 11	10.42	0	585	62	2210	2510	339	2857	879	2541	3420	160	0	160	10	0	10
872	1972	1972	0	4280	2880	7160	12	10.41	0	585	62	2200	2500	339	2847	809	2541	3360	146	0	146	10	0	10
820	1980	1980	0	4230	2880	7110	13	10.45	0	585	62	2180	2480	339	2827	799	2541	3340	146	0	146	10	0	10
817	1977	1977	0	4170	2880	7050	14	10.62	0	585	62	2160	2468	339	2807	809	2541	3350	147	0	147	10	0	10
806	1956	1956	0	4240	2880	7140	15	10.70	0	580	62	2160	2463	339	2802	819	2541	3360	146	0	146	10	0	10
793	1928	1928	0	4260	2880	7140	16	10.67	0	580	62	2150	2453	339	2792	819	2541	3360	145	0	145	10	0	10
753	1813	1813	0	4230	2880	7110	17	10.66	0	580	62	2150	2453	339	2792	809	2541	3350	142	0	142	9	0	9
756	1814	1814	0	4280	2880	7160	18	10.68	0	580	62	2150	2453	339	2792	739	2541	3280	90	0	90	9	0	9
778	1858	1858	0	4260	2880	7140	19	10.73	0	580	62	2150	2453	339	2792	709	2541	3250	93	0	93	10	0	10
761	1841	1841	0	4140	2880	7020	20	10.46	0	580	61	2130	2432	339	2771	689	2541	3230	90	0	90	9	0	9
798	1838	1838	0	3110	2880	6990	21	10.40	0	580	61	2130	2432	339	2771	699	2541	3240	81	0	81	9	0	9
756	1816	1816	0	4030	2880	6910	22	10.54	0	510	61	997	1229	339	1568	679	2541	3220	109	0	109	103	0	103
758	1808	1808	0	2450	2490	5340	23	10.66	0	510	61	0	254	317	571	917	2371	3290	115	0	115	312	0	312
733	1773	1773	0	2450	2490	5340	24	10.68	0	510	62	0	255	317	572	877	2371	3250	113	0	113	306	0	306
736	1774	1774	0	2450	2690	5140	25	10.70	0	510	62	0	255	317	572	847	2371	3220	116	0	116	317	0	317
772	1842	1842	0	2470	2690	5160	26	10.50	0	510	62	0	255	317	572	797	2371	3170	117	0	117	312	0	312
795	795	795	0	2490	2690	5180	27	10.73	0	500	61	159	403	317	720	847	2371	3220	116	0	116	306	0	306
789	789	789	0	3050	2690	5740	28	10.54	0	495	61	1890	2129	317	2446	717	2371	3090	114	0	114	275	0	275
775	775	775	0	4190	2690	6880	29	10.44	0	465	61	1930	2139	317	2456	587	2371	2960	110	0	110	267	0	285
764	764	764	0	4500	2690	7190	30	10.45	0	465	61	1970	2179	317	2496	517	2371	2890	106	0	106	285	0	70
700	700	700	0	4530	2690	7220	31	10.40	0	445	62	1960	2150	317	2467	507	2371	2880	101	0	101	70	0	11
659	659	659	0	4390	2690	7080	Sept 1	10.51	0	445	61	1990	2179	317	2496	547	2371	2920	98	0	98	11	0	11
654	654	654	0	4050	2690	6740	2	10.70	0	445	61	165	354	317	671	577	2371	2950	99	0	99	11	0	13
641	641	641	0	2300	2690	4990	3	11.01	0	445	62	0	190	317	507	577	2371	2950	101	0	101	13	0	14
641	641	641	0	1720	2690	4410	4	11.00	0	435	62	0	180	317	497	457	2371	2830	101	0	101	14	0	12
711	711	711	0	930	2690	3620	5	10.79	0	435	63	0	181	317	498	337	2371	2710	100	0	100	12	0	12
736	736	736	0	730	2690	3920	6	10.59	0	435	63	0	181	317	498	227	2371	2600	100	0	100	12	0	11
733	733	733	0	750	2690	3440	7	10.36	0	430	63	0	176	317	493	217	2371	2590	100	0	100	11	0	10
725	725	725	0	770	2690	3460	8	10.07	0	430	63	0	176	317	493	177	2371	2550	82	0	82	10	0	11
708	708	708	0	890	2690	3580	9	10.01	0	425	63	0	171	317	488	97	2371	2470	80	0	80	11	0	11
665	665	665	0	970	2690	3660	10	9.90	0	415	61	467	624	317	941	17	2371	2390	103	0	103	11	0	11
633	633	604	29	2019	2661	4680	11	9.99	0	405	57	812	874	400	1274	0	2250	2250	93	0	93	11	0	11
641	641	482	159	2039	2431	4470	12	9.92	0	375	52	887	914	400	1314	0	2020	2020	85	0	85	11	0	11
631	631	282	349	1889	2341	4230	13	9.90	0	350	47	917	914	400	1314	0	1930	1930	63	0	63	11	0	11
534	534	127	409	1819	2281	4100	14	9.94	0	325	47	730	702	400	1102	0	1820	1820	49	0	49	11	0	11
501	501	42	459	1129	2231	3360	15	9.95	0	400	47	0	47	400	447	0	1820	1820	49	0	49	11	0	11
505	585	124	459	-111	2231	2120	16	10.02	0	410	0	0	10	400	410	0	1810	1810	53	0	53	11	0	11
272	1006	537	469	-351	2221	1870	17	9.99	0	410	0	0	12	400	412	0	1790	1790	49	0	49	11	0	11
220	1161	672	489	-301	2201	1900	18	9.86	0	412	0	0	12	400	412	0	1790	1790	52	0	52	10	0	10
324	1236	746	490	-260	2200	1940	19	9.65	0	136	0	283	19	400	419	0	1770	1770	51	0	51	10	0	10
345	1228	718	510	-130	2180	2050	20	9.75	0	0	0	424	24	400	424	0	1780	1780	53	0	53	10	0	10
324	1212	712	600	60	2190	2250	21	9.88	0	0	0	907	502	400	902	0	1670	1670	55	0	55	12	0	12
233	969	341	608	788	2082	2870	22	10.19	0	0	0	1230	820	400	1220	0	1480	1480	52	0	52	12	0	12
247	1170	372	798	588	1872	2480	23	10.02	0	0	0	1190	790	400	1190	0	1230	1230	49	0	49	11	0	11
281	1107	58	1049	509	1641	2150	24	9.84	0	0	0	1170	770	400	1170	0	1080	1080	47	0	47	11	0	11
356	838	0	838	18	1852	1870	25	9.92	0	0	0	1040	279	761	1040	0	1080	1080	46	0	46	11	0	11
426	830	0	830	-140	1840	1720	26	9.88	0	0	0	973	204	769	973	0	1080	1080	15	0	15	11	0	11
421	878	0	878	-42	1872	1770	27	9.88	0	0	0	969	248	721	969	0	1070	1070	0	0	0	11	0	11
419	759	0	759	-101	1931	1830	28	9.90	0	0	0	969	119	850	969	0	1060	1060	0	0	0	10	0	10
419	419	0	419	-401	2271	1870	29	9.79	0	0	0	962	0	962	962	0	1050	1050	0	0	0	11	0	11
413	413	0	413	-327	2277	1950	30	9.95	0	0	0	977	0	977	977									
426	426	0	426	-384	2264	1880	OCT. 1																	
							2																	
							3																	
							4																	
							5																	
		287,401				505,103		127,041					307,317			74,645			18,775			3,926		

NAME	No.	Apr 20	21	22	23	24	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
SWAN VALLEY	1																																			
	2																																			
POPLAR IRR. DIST.	3																																			
PROGRESSIVE IRR. DIST.	4																																			
FARMERS FRIEND	5																														0	10	21	15	9	7
ENTERPRISE	6																																			
NELSON	7																																			
MINIDOKA CRAIG	8																																			
HANSBERGER	9																																			
FALLS BRAND	10																																			
HARRISON	11																																			
CHENEY	12																																			
RUDY	13																									0	-272	-272	0		0	140	164	156	-54	-54
MILE NORD	14																																		0	-6
BURGESS	15																																	0	-133	-123
POWDER JENNINGS	16																																	0	-8	0	0
CONSOLIDATED FEEDER	17																																	0	-344	-361	-361
TENROOT	18																																			0
REID	19																									0	-40	-67	0		0	0	0	-40	-40	-40	-40
HILL PETTINGER	20																																	0	-22	-12	-22
RIGBY	21																																			
DILES	22																															0	-1	-3	-1	-2
WAITSBELLE LONG ISLAND	23																																			
WHITE	24																																			
HENRY'S FORK CANALS	25																																			
CONANT CREEK	26																																			
BOONE CREEK	27																																			
MARYSVILLE	28																																			
FARMERS OWN	29																																			
ENTERPRISE IRR. DIST.	30																										110	0	0	0	0	125	109	102	113	115
FALL RIVER	31																																			
CHESTER	32																																			
SILKY	33																																			
DEWEY	34																																			
LAST CHANCE	35																																			
TWIN GROVES	36																																			
SALEM UNION	37																																			
INDEPENDENT	38																																			
CONSOLIDATED FARMERS	39																																			
BUTTE MARKET LAKE	40																									0	33	51	33	0	0	0	71	47	47	79	80
OSGOOD	41																																			
BEAR ISLAND	42																																			
SMITH	43																																			
IDAHO BOOMER	44																																			
KENNEDY	45																																			
MERTON	46																																			
NEW SWEDEN DISTRICT ET AL.	47																																			
WOODVILLE	48																																			
SNAKE RIVER VALLEY	49																									0	33	-151	-248	0			903	588	-27	-100	-71
	50																																			
TOTAL HEISE TO WOODVILLE	51																																			
	52																																	0	392	428	401	404
	53																																	0	237	276	311	333
BLACKFOOT	54																																			
NEW LAVA SIDE	55																									0	-190	-147	-93	38	64	21	0	-22	-150	67	-2	0
PEOPLES	56																									0	-38	-65	-26	0	0	0	0	0	-60	-60	-40	-40
ABERDEEN	57																																			
CORBETT	58																									0	-238	-212	-119	38	64	21	0	-22	414	1263	1150	1116
DANSKIN	59																																			
TREGO	60																																			
	61																																			
TOTAL WOODVILLE TO BLACKFOOT	62												1428	1446	1474	1134	1000	1161	1091	1076	928	1082	1041	1067	1536	2020	2563	2660	2670	2680	2460	2150	1995	1840	2078	2022	2027
	63	0	184	0	0	0	0	0	241	529	914		82	84	84	85	88	89	90	24	96	119	118	135	140	140	149	157	157	158	159	158	126	141	142	141	141
MINIDOKA CANALS	64	A	36	21	0	0	0	0	49	80	81								10	0	350	370	220	190	170	200	280	290	477	434	401	361	370	350	350	320	340
MINNEH LOW LIFT IRR. DIST.	65												3207	2570	2570	2539	2530	2530	2555	2375	2304	2689	2685	2630	2604	2675	2655	2649	2720	2601	2461	2408	2375	2372	2700	2625	2627
TWIN FALLS CANAL CO.	66	0	0	1420	0	0	0	96	435	714	1243		735	735	735	732	710	774	758	738	801	782	782	813	834	858	857	866	830	860	891	837	827	838	849	867	867
NORTH SIDE CANAL CO.	67	0	468	608	622	622	650	650	650	650	650																										
SOUDING PROJECT	68																																			
MINIDOKA POWER CO.																																				

18	19	20	21	22	23	24	25	26	27	28	29	30	31	JUNE 1	2	3	4	5
	0	20	21	14	9	7	7	6	0	0	0	0	10	0	20	20	0	0
																3	0	[illegible]
																		0
0	0	160	164	156	-54	-54	0	19	0	0	0	0	0	0	0	0	0	0
					0	-6	-6	0	0	0	0	0	0	0	0	0	0	0
				0	-122	-122	-122	0	0	0	0	0	0	0	0	0	0	0
			0	-8	0	0	-8	0	0	0	0	0	0	0	0	0	0	0
			0	-566	-361	-361	-196	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	-40	-40	-40	-40	-67	0	0	0	0	0	0	0	0	0	0	0
			0	-22	-22	-22	-22	72	0	0	0	47	0	0	32	0	0	0
		0	-1	-2	-1	-2	-1	0	0	0	0	0	0	0	0	0	0	0
															0	-155	0	0
																		-38
0	0	125	104	102	113	115	0	0	0	0	0	0	0	0	0	0	0	0
0	0	77	67	67	79	80	70	72	0	0	0	74	73	73	0	0	0	0
0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	0	20	20	20	20	20	20	20	0	0	0	20	20	20	0	0	0	0
								0	12	12	12	12	12	12	12	12	12	12
								0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	-130	-180	-180	0	0	0	0
		0	248	248	275	262	289											
1	1	403	588	-27	-100	-119	-60	189	12	12	13	23	-65	-75	64	-120	12	-19
		0	392	428	401	400	0	0	0	0	0	0	0	0	0	0	0	0
		0	237	826	811	780	528	0	0	0	0	0	0	0	0	0	0	0
[illegible]	0	-22	-150	69	-2	-16	-2	16	2	-3	2	2	0	-2	2	6	18	4
0	0	0	-60	-60	-60	0	-60	0	0	0	0	0	0	0	0	0	0	0
[illegible]	0	-72	919	1263	1150	1164	456	16	2	-3	2	2	0	-2	2	6	18	4
[illegible]	2150	794	1040	2070	2022	2110	2250	2400	2240	2120	1800	1807	2086	2190	2380	2560	2650	2780
[illegible]	158	126	141	142	141	137	138	128	133	135	136	135	135	135	138	135	140	190
[illegible]	769	370	350	250	190	639	598	583	636	672	264	150	110	193	346	390	668	516
[illegible]	[illegible]	[illegible]	2757	2704	2634	2696	2696	2724	2795	2816	2790	2725	2700	2713	2750	2757	2880	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	967	974	967	969	965	980	992	992	1000	1070	1090	788	320	[illegible]

6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	24	19	17	17	17	23	23	23	22	22	18	18	22	26
0	0	0	0	1	7	0	1	1	5	46	46	46	47	53	54	60	54	59
									66	76	76	76	76	76	76	76	80	76
	0	-2	-2	-2	-2	0	0	0	1	3	3	3	2	1	2	1	2	3
-6	-6	-6	-6	-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	-407	-407	-407	-407	-407	0	0	0	154	148	148	152	388	417
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	51	51	47	-116	-120	-122	-122	42	42	43	42	42	42
0	0	0	0	0	-7	-7	-3	-7	-8	0	0	0	0	0	0	0	-8	-8
0	0	0	0	0	-469	-703	-705	-561	-559	230	237	255	231	247	239	246	230	238
0	-31	-31	-31	-31	-31	0	0	0	0	0	0	0	-47	-23	-23	-23	-23	-23
0	-52	-52	0	0	0	101	79	0	0	0	0	16	4	2	0	24	29	34
0	0	0	0	0	107	111	-40	-40	120	129	117	103	103	103	-40	-40	-22	-22
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2
-155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-38	-7	-7	-7	0	0	0	0	0	0	0	0	0	0	0	30	30	30	23
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																0	5	6
														0	120	109	110	115
													0	50	0	0	0	0
			0	-150	-150	-225	-225	-225	-243	0	0	0	0	0	0	0	280	253
0	0	0	0	0	72	72	72	76	76	76	79	76	75	76	72	72	85	83
0	0	0	0	0	4	3	4	0	0	3	0	0	0	0	0	4	3	4
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
							0	-885	-855	-855	-855	-855	0	0	54	84	84	83
0	0	0	0	0	0	20	20	20	20	20	20	20	20	20	20	20	20	20
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	311	293	290
0	0	0	0	0	0	0	0	0	0	0	0	0	-78	0	0	0	103	111
0	0	0	0	0	0	0	350	323	337	352	354	348	350	327	333	327	322	333
-186	-84	-86	-34	-176	-840	-955	-774	-1599	-1534	-5	-8	1	1013	1156	1158	1514	2129	2161
															0	-330	-330	-330
						0	-137	-137	-137	-137	-137	0	0	0	0	0	0	0
0	0	0	-254	-254	-254	-382	-372	0	0	0	0	0	0	382	417	396	394	398
0	-305	-559	-750	-750	-1125	-856	-411	0	0	0	430	400	1120	895	798	833	870	873
														-34	-53	-39	53	53
2	-65	-36	6	3	4	3	2	6	2	3	3	8	-8	-162	-162	-162	-10	-10
0	-39	-39	-39	-39	0	0	0	0	0	0	0	0	0	-60	-60	-60	-60	
																		0
2	-409	-634	-1037	-1040	-1375	-1235	-908	-131	-135	-134	296	468	1112	1019	940	638	917	984
2470	2411	2750	2750	2760	2760	2710	2620	2670	2590	2620	2700	2680	2680	2690	2660	2560	2470	2380
128	125	124	123	123	122	123	122	134	138	91	132	132	134	135	111	132	134	139
366	60	70	370	496	547	519	429	419	389	329	419	399	329	249	190	339	309	369
2222	2206	2206	2217	2251	2273	2257	2177	2157	2067	2002	2092	2072	1987	1492	1492	1666	1766	2348
772	785	847	920	901	905	915	913	928	227	0	337	780	819	835	843	898	902	933

DAILY STORAGE DIVERSIONS BY SNAKE RIVER CANALS

	25	26	27	28	29	30	JULY 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	AUG 1	2	3	4	5
				0	4	4	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	22	22	21	22	22	19	11	17	18	17	22	22	26	26	21	21	21	21	21	17	14	0	0	24	23	24	22	22	22	22	16	18	12	12	16	7	7	1	1	8	0	
	64	62	60	58	55	54	54	-52	-50	-55	46	46	343	347	349	341	342	364	364	339	361	378	382	383	382	393	390	393	397	394	400	369	361	360	342	340	276	22	19	19	122	120
												0	20	20	20	20	20	20	20	20	20	20	21	21	21	23	23	23	25	24	24	24	25	25	21	21	0	0	0	0	0	11
	77	79	77	78	76	77	77	77	79	77	73	73	72	75	75	74	71	70	70	69	69	74	74	74	74	74	75	75	76	74	74	74	74	74	76	75	75	35	60	65	67	66
	2	2	1	0	0	2	2	1	1	2	1	0	1	1	1	1	1	1	0	1	0	2	1	2	2	1	2	1	1	1	0											
	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	3	3	1	1	2	4	5	2	4	5	6	2	5	4	5	5	3	3	6	8	8	1	0	0	0	0	3
														0	4	4	4	3	1	1	0	0	0	3	1	1	3	2	2	2	1	1	0									
																	0	-5	-5	-5	-5	-4	0	0	0	0	0	-5	-5	-5	-5	-4	0	0	0	0	0	0	0	0	-3	-5
	00	404	-49	-50	-50	-49	-54	404	417	404	413	417	430	418	418	409	409	409	-48	-46	-50	-50	-48	401	405	409	401	401	401	401	401	426	-46	-48	-50	-48	-48	[illegible]	-48	388	384	409
	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	2	3	3	3	3	3	2	2	2	2	2	2	2	4	4	4	4	4	[illegible]	3	0	0	0
	42	46	42	41	49	49	72	-90	-91	-95	-95	93	72	72	71	73	73	71	71	-87	-91	-91	-76	114	139	141	164	164	166	166	164	164	164	0	0	0	0	62	62	62	62	164
	0	0	0	6	7	5	5	0	0	0	3	0	0	0	4	2	1	1	1	5	4	4	1	1	1	1	1	1	1	0	0	1	1	2	3	1	1	0				
	70	482	-345	-345	-350	-345	-345	470	486	498	506	498	506	514	518	526	526	526	-345	-343	-343	-343	-345	486	514	525	498	494	490	490	498	486	-343	-343	-343	-343	-343	-343	-343	486	474	479
	49	47	48	49	49	49	0	0	0	0	0	0	0	49	46	46	0	0	0	0	0	0	0	0	0	48	50	50	50	57	0	0	0	0	0	0	0	0	0	0	0	0
	39	38	34	34	52	50	83	83	81	90	0	0	0	0	79	72	83	71	76	62	-4	-4	-4	-4	-4	69	71	74	81	86	83	-3	-4	-4	-4	-3	21	-49	-49	-49	-49	-4
	22	-22	-22	-22	140	140	130	140	145	145	145	-16	-16	-16	-16	-16	-16	-16	-16	-16	142	142	142	142	142	-16	-16	-16	-16	-16	-16	-16	-16	142	142	142	135	-16	-16	-16	-16	-16
								0	37	76	91	66	92	24	100	100	103	98	0	0	0	0	0	0	0	0	0	0	91	97	0	0	0	0	0	0	0	0	0	0	0	0
	-1	-2	-1	-2	-1	-2	-1	-1	-1	-1	-1	-2	-1	2	2	2	2	2	2	2	2	-1	-1	-1	-1	-1	-2	-1	2	2	2	3	1	1	0	1	0	-1	-1	-1	-1	-1
																																	-144	-144	-144	-144	-149	0	0	0	0	0
		0	28	28	28	28	28	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0
																																					0	-76	-76	-76	-76	-20
																		-5	-5	0	0	0	0	0	0	0	0	0	-5	-3	0	0	0	0	0	0	0	0	0	-5	-3	0
						0	12	12	12	12	12	12	19	19	19	18	18	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	15	15	15	15	8	0				
						0	4	4	4	4	4	4	4	4	4	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	3	0						
	0	0	0	0	0	0	143	143	143	144	141	141	70	0	0	0	0	0	0	0	0	132	137	79	71	134	134	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	40	40	40	46	45	45	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	0								
	0	0	0	0	81	81	99	116	118	118	117	118	118	117	118	118	118	118	120	120	120	120	118	118	119	120	120	120	120	121	121	131	139	141	140	140	136	136	133	122	120	124
																0	56	111	106	111	111	111	115	123	0	0	73	55	55	65	52	27	28	27	27	0	0	0	0	0	0	0
																		15	19	19	18	17	1	0	20	20	15	16	17	19	20	19	18	20	19	20	20	0	0	19	19	19
	20	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	5	0													
																																								0	10	40
	91	0	0	110	101	101	114	88	88	87	85	80	79	78	101	96	77	76	78	80	0	0	0	0	0	0	46	39	32	27	27	20	16	16	0	0	0	0	0	0	0	0
	0	0	0	0	0	50	0	117	149	145	145	142	99	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	92	0	0	0	0	0	0	0	0	0	0	0
							0	72	32	18	0	0	0	0	63	0																										
			0	37	61	34	49	45	73	138	80	69	108	105	67	13	23	0	0	0	0	0	0	0	0	0	0	0	0	66	111	0	0	0	0	0	0	0	0	0	0	0
	31	-3	-3	-3	-3	-3	-3	137	138	126	121	126	141	137	136	109	-3	-3	-3	126	139	140	133	139	141	139	146	147	129	130	129	154	160	150	142	119	114	113	114	0	0	36
	85	86	88	98	96	80	91	90	-11	-11	-11	-5	97	96	99	102	101	99	100	102	102	104	102	103	102	100	88	99	100	100	101	98	96	95	96	98	95	92	90	102	102	100
	3	4	3	4	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	3	4	3	4	3	4	3	4	0	0	0	0	0	3	4	0	0	0	0	0	3	4	
	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
	83	83	0	22	0	0	0	0	0	0	420	435	474	474	474	471	468	465	452	471	468	465	546	587	659	656	734	740	731	731	731	454	[illegible]	393	408	400	400	400	400	400	400	400
					0	6	0	-5	-16	-16	-16	-16	6	6	6	6	4	6	6	6	6	8	8	9	5	9	10	10	10	10	10	10	10	10	19	2	0	0	0	0	0	
	20	20	20	20	20	20	20	20	0	0	0	0	20	20	20	31	31	31	31	31	31	31	31	31	24	24	24	24	24	24	24	24	18	18	18	18	18	18	18	18	18	
	93	291	291	295	310	327	307	322	-54	-130	-130	-130	428	551	545	547	541	541	529	524	531	540	542	552	378	358	345	344	338	342	341	354	340	333	290	276	267	243	250	238	243	
	111	86	88	89	85	87	0	0	0	0	86	85	85	83	83	84	82	86	0	0	0	0	74	83	77	78	80	76	79	0	0	0	0	0	82	72	73	73	0	0	0	
	18	14	244	344	340	342	293	227	215	23	-160	264	333	350	550	530	448	456	446	437	268	0	0	481	548	548	531	571	552	556	577	567	372	372	318	276	277	[illegible]	0	0	0	
TOT	199	1759	635	913	1168	1204	1233	2480	2054	1862	2143	2571	3643	3671	3978	3856	3639	3665	2122	2102	1952	1807	1966	3962	3856	3900	4047	4016	4041	4168	4068	3493	1739	1625	1639	1517	1393	995	621	783	1875	
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	96	396	398	394	396	-22	-22	-22	-22	-22	392	398	398	398	396	396	396	396	400	394	396	392	-22	-22	-22	-22	-7	415	414	412	414	416	412	408	412	410	405	0	0	0	0	
	08	889	873	886	902	921	460	0	0	0	627	930	914	845	820	826	873	876	873	870	870	826	811	752	722	722	740	746	768	789	795	792	780	777	780	783	780	0	0	0	0	
	56	7	23	9	0	0	0	-98	-98	-98	-98	-98	124	102	114	118	124	132	0	0	0	0	0	59	76	61	67	63	77	86	82	83	85	76	72	71	57	57	57	0	8	
	-9	-11	-3	-23	2	-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	0	0	0	0	0	0	0	0	0	0	
	72	72	65	66	66	64	65	0	0	0	0	65	66	47	65	65	65	65	65	65	0	0	0	0	0	0	0	65	63	65	73	0	0	0	0	0	0	0	0	0	0	
TOT																																										
	021	1281	1284	1617	1746	1330	503	-120	-120	-40	1369	1744	1952	1842	1846	1855	1912	1769	1265	1257	1194	1278	849	1216	1247	1177	1210	1695	1336	1412	1424	1351	1340	1321	1324	1680	1656	117	57	0	0	
	870	2500	2590	2620	2610	2600	2640	2710	2740	2730	2700	2680	2700	2730	2730	2720	2740	2740	2740	2740	2740	2760	2760	2760	2750	2750	2750	2750	2750	2750	2750	2740	2740	2750	2720	2630	2530	[illegible]	2350	2260	2290	
	840	140	0	98	130	132	148	154	159	158	158	160	153	58	158	158	158	160	160	162	163	163	166	162	163	167	167	164	163	164	166	163	164	160	166	162	164	[illegible]	164	164	152	
	609	489	519	599	659	709	709	689	639	789	649	659	649	679	769	749	759	819	779	759	739	759	779	789	859	909	859	859	889	879	939	949	959	989	899	869	859	[illegible]	919	919	889	
	298	2297	2322	2332	2422	2397	2397	2367	2297	2457	2402	2452	2442	2463	2458	2368	2378	2488	[illegible]	2402	2492	2502	2503	2538	2558	2528	2498	2498	2523	2522	2532	2543	2623	2583	2553	2543	2575	[illegible]	2463	2443	2283	
	113	930	920	918	935	925	975	973	918	1005	376	0	574	854	880	882	882	900	[illegible]	980	970	1010	1000	955	955	965	925	955	940	940	940	154	0	640	850	980	980	[illegible]	980	1010	1010	

CANALS 1931

25	AUG 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	SEPT. 1	2	3	4	5	6	7	8	9	10
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	7	7	0								
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44	22	17	19	122	120	116	118	149	148	148	160	147	147	147	145	145	145	145	8	56	34	39	39	39	39	39	39	37	39	39	39	34	34	34	34	0	0	0			
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77	75	60	65	67	60	60	61	59	60	59	58	58	59	60	0	0	0	0	0	62	65	65	65	75	75	75	75	76	75	75	0										
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	0	0	0	-5	-5	0	0	-5	0																																
00	-48	-48	388	384	409	409	409	409	-48	-50	-50	-48	-48	-48	-48	-48	405	401																							
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42	62	62	62	62	164	162	164	162	0	-3	-3	-3	158	158	158	67	58	114																							
0	0																																								
70	-343	-343	486	474	474	446	478	486	-343	-343	-343	494	486	494	490	-343	-343	-343																							
49	0	0	0	0	0	0	0	3	0	24	41	0	0	0	0	0	38	38																							
39	-25	-49	-49	-49	-4	60	60	72	73	73	-63	-63	-63	-63	24	56	76	58																							
23	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	135	140	135	134	-16	-16	-16	-16																							
	0	0	0	0	0	0	0	0	0	0	0	74	74	71	0																										
-1	-1	-1	-1	-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	0	-36	-36	-36	-36	-144	-60	-69																							
	0	0	0	0	0	28	28	28	28	28	0	0	0	0	0	0	0	0																							
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	0	0	-5	-3	0																																				
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2																																									
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	0	0	19	19	19	19	20	20	20	0																															
20																																									
																			19	13	0																				
			0	10	40	25	14	10	9	0	0	0	0	0	0	0	0	0	0																							
91																			12	12	12	0	0	0	0	0	0	12	18	17	0												
0	0	0	0	0	0	35	32	32	32	34	0	0	0	0	0	0	0	0																							
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	0	0	0	0	0	107	123	0											32	96	89	88	131	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	0
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83	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	0	0	0	0	0	7	7	8	3	3	3	1	3	2	2	2	1	1	0	4	3	2	1
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93	243	250	238	243	209	212	215	197	212	206	207	203	204	0	0	0	0	68	69	67	64	65	0	0	0	0	67	51	50	52	99	96	83	0	0	0	0	0	30	23	23
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78	255	0	0	0	0	319	448	453	495	542	523	191	58	251	304	285	216	305																							
																			1489	917	884	929	867	1449	1262	1124	1115	1421	1494	1344	1235	711	740	328	72	84	324	516	933	1126	1039	
199	995	421	1783	1875	2147	2836	3106	2963	1501	1553	1488	1820	1754	1950	1710	779	1387	1405																							
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130	0	0	0	0	0	0	0	0	0	0	0	0	355	346	350	350	0	0	-18	-18	-18	-18	-18	60	60	60	60	-18	-18	-18	-18	-18	60	60	60	60	60	60	-18	-18	
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196	60	0	0	0	0	-18	-18	-18	-18	-18	-18	0	419	429	436	436	0	0	547	533	400	400	418	455	530	553	553	530	168	0	511	544	550	525	519	492	416	317	0		
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54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0				
29	0	0	0	0	0	0	406	519	648	550	645	864	864	842	650	600	550	550	547																						
72	0	0	0	0	0	-8	-8	-8	-8	-8	92	103	85	73	80	80	80	80	0	0	0	0	0	0	0	0	65	65	0	0	0	0	0	0	0						
	351	351	0	0	0	-87	-180	0											342																						
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
128	171	521	0	0	0	-113	200	493	1053	905	1104	1870	1899	1834	1663	740	648	570	1858	1838	1814	1808	1773	1774	1842	795	787	775	764	700	659	656	691	641	711	774	733	725	748	665	600
170	2480	2450	2460	2290	2310	2300	2290	2290	2230	2062	1972	1980	1977	1956	1928	1813	1814	1852	93	90	81	109	115	113	116	117	114	114	110	106	101	98	99	101	101	100	100	100	92	80	103
140	142	149	144	152	145	149	162	162	163	161	160	146	146	147	146	145	142	90	109	489	499	499	497	877	847	797	847	717	587	517	507	547	577	577	457	337	227	217	177	97	57
67	897	919	919	899	889	879	869	919	909	899	879	809	799	809	819	819	809	739	2453	2432	2432	1229	254	255	255	255	403	229	239	219	250	217	354	190	180	181	181	176	176	171	137
98	2503	2503	2493	2513	2513	2513	2503	2508	2518	2528	2518	2508	2488	2468	2463	2453	2493	2453	1000	1000	990	1070	1040	1040	1040	1010	1000	1015	1025	1035	1055	995	1015	975	965	935	925	930	950	965	980
73	995	980	1010	1010	1030	1010	1030	1025	995	995	995	985	985	1000	1000	(MAKE			4785			103	312	306	317	312	304	275	247	285	70										

No	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1																								
2																								
3	0	0	0	3	2	2	2	1	1	1	1	1	2	2	3	3	3	3	2	2	1	0		
4																								
5																								
6																								
7																								
8	0	0	0	1	2	2	10	10	11	11	11	0												
9																								
10																								
11	30	325	351	-40	-40	-40	99	104	65	0														
12																								
13																								
14																								
15	0	99	95	350	350	350	0	0	0	0	0	168	0											
16																								
17	18	71	60	42	52	47	52	50	0	0	0	0	12	0	0	0	0	0	35	16	0	0		
18	46	46	46	58	56	0																		
19																								
20	0	0	0	0	0	0	0	1	1	0														
21	0	96	118	120	111	118	0	0	0	0	0	119	118	68	86	89	89	31	0					
22																								
23																								
24																								
25																								
26																								
27																								
28	26	0	14	14	14	14	14	15	16	15	15	16	15	0										
29																								
30	72	0																						
31	0	0	0	0	0	0	10	10	10	10	10	16	0											
32																								
33					0	2	2	2	2	2	2	2	2	2	2	0								
34																								
35																								
36																								
37																								
38																								
39																								
40	23	23	0																					
41	72	72	72	72	72	72	0	0	0	0	0	72	72	72	72	72	72	72	72	72	72	72	72	
42	0	0	0	4	3	0																		
43	0	0	1	0																				
44	12	90	0																					
45	3	2	1	1	2	0	3	1	0															
46																								
47	29	48	24	21	13	18	29	41	44	53	40	0												
48	30	23	23	28	32	36	37	44	64	68	69	0	0	0	0	25	26	25	26	26	26	26	26	
49	38	231	234	236	91	22	0																	
50																								
51	33	1126	1039	910	760	643	258	279	214	160	148	394	221	144	163	189	190	131	135	116	99	98	98	
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53	0	0	0	0	0	0	0	0	352	206	0													
54	60	78	-18	-18	-18	-18	-18	-18	60	60	60	60	0	-18	60	60	60	60	33	0				
55	0	0	0	0	0	152	152	204	198	0														
56	0																							
57	2	-8	-8	-8	-8	-8	-8	33	0															
58																								
59																								
60																								
61	12	-26	-26	-26	-26	126	126	229	610	266	60	60	0	-18	60	60	60	60	33	0	0	0	0	
62																								
63	98	665	604	482	282	127	42	126	557	672	746	718	712	361	372	58	0							
64	32	80	103	93	85	63	49	49	49	53	49	52	51	55	55	52	49	47	46	15	0			
65	27	97	17	0																				
66	46	171	626	874	914	914	702	47	10	10	12	19	24	602	820	790	770	279	204	248	119	0		
67	56	945	985	1015	1025	1060	975	375	0															
68																								

No	TOTAL SEC. FT.	TOTAL AC. FT.	JACKSON LAKE EQUIV. AC. FT.	JACKSON LAKE RIGHT AC. FT.	AM. FALLS RIGHTS AC. FT.	AM. FALLS LEASE AC. FT.	PURCHASES AC. FT.	TOTAL RIGHT A…
1	580	1150	1240	0	0	0	(h) 1240	[illegible]
2								
3	1343	2670	2880	825	793	362	(a) 900	[illegible]
4	12807	25410	27466	0	14609	6630	(b) 6207	[illegible]
5	643	1275	1375	1375	0	0	0	[illegible]
6	5225	10380	11192	4190	10509	4800	(c) -8307	[illegible]
7	47	93	100	0	0	0	(d) 100	[illegible]
8	187	371	400	0	0	0	(d) 400	[illegible]
9	33	65	70	0	0	0	(d) 70	
10	-63	-124	-134	0	0	0	(g) -124	
11	12137	24100	25924	3430	11593	5500	(d) 5000	[illegible]
12	83	164	177	0	0	0	(d) 177	[illegible]
13	3819	7580	8190	1370	2600	920	(d) 3900	[illegible]
14	0	0	0	0	0	0	0	
15	6750	13400	14446	3520	7496	3430	0	[illegible]
16	568	1130	1215	715	0	0	(d) 500	[illegible]
17	2400	4760	5137	2750	0	0	(f) 2387	[illegible]
18	3425	6800	7330	2060	3443	2060	0	[illegible]
19	1194	2370	2550	0	3002	1370	(m) -1370	[illegible]
20	0	0	0	0	0	0	0	
21	-187	-371	-400	0	0	0	0	
22	707	1400	1514	0	1074	480	0	[illegible]
23	-502	-995	-1073	0	0	0	(g) -995	
24	-28	-55	-59	0	0	0	(g) -55	
25								
26	278	552	595	0	0	0	(w) 595	
27	65	129	140	0	0	0	(d) 140	
28	1546	3067	3307	0	0	0	(x) 3307	[illegible]
29	486	963	1038	0	0	0	(y) 1038	[illegible]
30	8283	16430	17716	0	12000	5500	(z) 216	[illegible]
31	1524	3023	3258	0	0	0	(aa) 3258	[illegible]
32	468	927	1000	0	0	0	(d) 1000	[illegible]
33	20	40	43	0	0	0	(bb) 43	
34	86	171	183	0	0	0	(d) 183	
35	140	278	300	0	0	0	(d) 300	
36	2535	5027	5420	0	0	0	(cc) 5420	[illegible]
37	1356	2690	2900	0	0	0	(d) 2900	[illegible]
38	185	366	390	0	0	0	(d) 390	
39	1309	2597	2800	0	0	0	(d) 2800	[illegible]
40	3960	7860	8474	0	3002	1370	(h) 4102	[illegible]
41	9900	19600	21200	0	15852	7250	(o) 440	[illegible]
42	141	280	302	0	225	103	(p) -2	
43	26	52	54	0	79	36	0	
44	20582	40800	43986	0	26986	12400	(d) 4600	[illegible]
45	243	486	525	245	0	0	(d) 280	
46	1856	3680	3964	1030	1909	1025	0	
47	21643	42900	46275	3430	28520	13100	(r) 1217	[illegible]
48	4195	8310	8980	0	9000	4084	(s) -4000	
49	26481	52500	56643	10300	37643	12700	(t) 6000	[illegible]
50								
51	157,898	313151	337793	35240	180104	83140		[illegible]
52								
53	9825	19480	21033	0	15033	5000	(d) 1000	[illegible]
54	1404	2780	3000	0	0	0	(d) 3000	
55	19650	39000	42121	5490	22331	10300	(d) 4000	[illegible]
56	48820	96900	104382	29300	41333	(v) 20749	(d) 13,000	[illegible]
57	2722	5400	5830	0	4000	1830	0	
58	-1260	-2500	-2695	0	0	0	(g) -2500	
59	997	1980	2132	0	1462	670	0	
60								
61	82158	163,040	175,803	34790	84159	38549		[illegible]
62					(Net Allotment)	(See p. [illegible] Text)		
63	287401	570,060			334,552		(ff) 40618	[illegible]
64	18795	37,280			38,670		(gg) -947	
65	74645	148,060			253,896		(hh) -91422	[illegible]
66	307317	609,600			579,467		(ii) 68,811	[illegible]
67	127841	253,200			256,930		0	[illegible]
68	2553	5060			5,060		0	

PLATE NO. 14

ALLS AC.FT.	AM. FALLS LEASE AC.FT.	PURCHASES AC. FT.	TOTAL RIGHT A.F.	AM. FALLS RES. LOSSES AF	STOR. WATER WASTE & DIST. MILNER AF	AM. FALLS HOLDOVER AF. Sept 30, 1934
0	0	(h) 1240	1240	0		0
793	342	(a) 900	2880			0
609	6430	(b) 6207	27444			0
0	0	0	1375			0
509	4800	(c) -8307	11192			0
0	0	(d) 100	100			0
0	0	(e) 400	400			0
0	0	(f) 70	70			0
0	0	(g) -124	0			0
294	5500	(j) 5000	25924			0
0	0	(h) 177	177			0
000	920	(i) 3900	8190			0
0	0	0	0			0
496	3430	0	14446			0
0	0	(m) 500	1215			0
0	0	(l) 2387	5137			0
443	2060	0	7563			233
002	1370	(m) -1370	3002			452
0	0	0	0			0
0	0	0	0			0
034	480	0	1514			0
0	0	(q) -795	0			0
0	0	(q) -55	0			0
0	0	(w) 595	595			0
0	0	(d) 140	140			0
0	0	(x) 3307	3307			0
0	0	(y) 1038	1038			0
2000	5500	(z) 216	17716			0
0	0	(aa) 3258	3258			0
0	0	(d) 1000	1000			0
0	0	(bb) 43	43			0
0	0	(d) 183	183			0
0	0	(d) 300	300			0
0	0	(cc) 5420	5420			0
0	0	(d) 2900	2900			0
0	0	(d) 390	390			0
0	0	(d) 2800	2800			0
0	0	(n) 4102	8474			2342
002	1370	(o) 440	23542			24
852	7250	(p) -2	326			67
225	103	0	115			0
79	36	(d) 4600	43986			0
986	12400	(d) 280	525			0
0	0	0	3964			104
909	1025	(r) 1217	46275			0
528	13100	(s) -4000	9084			
000	4084	(t) 4000	54443			(f) 3216
643	12700					
			342 675			0
104	83140					0
			21032			0
5033	5000	(q) 1000	3000			0
0	0	(u) 3000	42121			0
2331	10300	(d) 4000	104382			0
1333	(v) 20749	(d) 13000	5830			0
6000	1830	0	0			0
0	0	(q) -2500	2132			0
1462	670	0				0
			178498			0
4134	38549					0
		(ff) 40618	575170	5170	0	0
534 552		(gg) -947	37723	390	53	0
38 670		(hh) -41422	162474	1560	907	(ff) 12447
255,896		(ii) 68 811	664726	6300	730	(gg) 32148
319 914		0	256430	2680	1050	0
256 930		0	5060	0	0	0
			Tote	16,100	Total 2746	

NOTES

(a) From Enterprise Canal Co.
(b) 6507 transfer from Enterprise, 100 O.S. Lee purchase from pool, less 400 sold to Mattson-Craig.
(c) Transfer 6507 to Progressive Dist, 900 to Poplar Dist, 900 to Rudy.
(d) Purchase from Pool.
(e) 400 purchase from Progressive, 300 purchase from Pool, less 300 sold to Marysville.
(g) Sold to pool.
(j) Purchase from Gov't. 3000; purchase from Enterprise Canal 900.
(h) 1000 purchase from Pool, 240 from Gov't.
(i) 1017 " " " , 1370 " Reid.
(m) Sold to Consolidated Feeder.
(w) Purchase 720, less 43 transferred to Silky, less 82 to Fall River Canal.
(x) Purchase 3400 from Pool, 300 from Mattson-Craig, less 393 transferred to Fall River Canal.
(y) Purchase 1167 from Pool, less 129 transferred to Fall River Canal.
(z) Purchase 570 from Pool, Carried 200 for Canyon Creek, 365 for Siddoway, less 919 transferred to Fall River.
(aa) Purchased 1600 from Pool, 393 transfer from Marysville, 129 from Farmers Own, 919 from Enterprise, 82 from Conant Creek, 135 for Siddoway.
(bb) Transfer from Conant Creek.
(cc) 5000 from Gov't. 420 from Pool
(n) 4000 from Pool, 100 from Osgood, and 2 from Bear Island.
(o) 1620 from Twin Lakes, less 1080 transferred to New Sweden and 100 sold to Butte and Market Lake.
(p) Transfer to Butte and Market Lake.
(r) 120 purchase by Hartert, 17 by Keller, 1080 transfer from Osgood.
(s) 3000 sold to New Lava Side, 1000 donated to Pool.
(t) 10000 purchase from Gov't., less 4000 sold to Pool.
(u) Purchase from Woodville.
(v) Includes 1880 transferred from Blackfoot.
(f) Held at Jacksen Lake.
(dd) 84759 purchase from T.F.C.Co. less 15948 used by Minidoka
(ee) 26607 for Power Co., 3654 Hillsdale & 1887 1st Seg pumps
(ff) 17060 remaining in Lake Walcott Sept 30, exchanged for Am. Falls; 15948 from N.S.C.Co.; 947 from Milner Low Lift; 6663 from T.F.C.Co.
(gg) Used by Minidoka Dist.
(hh) Sold 84759 To N.S.C.Co., 6663 used by Minidoka Dist.

Note: Lower valley holdovers on Sept 30 were partly in American Falls Res. and partly in Lake Walcott

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
File Number { Washington / District

STORED NORMAL FLOW AT MORAN FOR LOWER VALLEY CANALS

Acre Feet per day... (Moran dates) Plate 15

Day	April		May			June		
	Milner North	Minidoka Project	Milner North	Milner South	Minidoka Project	Milner North	Milner South	Minidoka Project
1								
2			360	0	1450	90	700	820
3			830	0	1420	1740	0	3300
4			820	0	1440	5320	0	3200
5			1430	0	1270	3490	700	3930
6			1200	0	1510	530	940	3930
7			1580	0	1350	130	960	3260
8			2120	0	1270	120	890	1690
9			1480	0	1920	50	370	2180
10			0	0	2730	30	250	1450
11			0	0	2040	70	560	560
12			0	790	0	0	0	0
13			0	0	0			
14			0	0	0			
15			0	0	0			
16			260	0	2920			
17			2270	0	0			
18	1120	0	2220	0	990			
19	0	0	0	0	0			
20	0	0	0	0	0			
21	0	0	0	0	0			
22	220	0	0	0	0			
23	994	0	0	0	0			
24	1570	0	0	0	0			
25	1340	0	0	0	910			
26	445	445	0	0	3310			
27	0	900	1230	0	3930			
28	0	890	460	210	3930			
29	0	1120	160	510	0			
30	1310	1160	30	170	0			
31	1170	1080	0	0	0			
Season Total Acre Feet			0	0	0	36189	7050	62305

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR MAY 1931

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
HARRIOFELD	0	0	0	0	0	0	0	0	0	5	10	10	10	11	10	9	8	7	1	5	0	0	0	0	0	0	4	8	4	9	10	131
MARYSVILLE	6	6	6	6	6	6	6	6	6	50	90	90	90	93	102	111	120	128	124	0	0	0	0	0	168	190	190	194	195	187	0	2187
TOTAL ABOVE SQUIRREL	6	6	6	6	6	6	6	6	6	55	100	100	100	104	112	120	128	135	125	5	0	0	0	0	168	199	198	203	204	196	9	2286
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	37	37	40	10	10	0	0	6	6	42	43	45	45	4	4	347
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	0	4
ENTERPRISE	66	66	72	78	84	90	96	102	109	54	0	0	0	0	110	54	100	136	148	125	104	102	113	115	110	146	74	0	0	0	0	2254
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	9	8	7	4	2	1	3	7	13	13	10	8	8	5	2	6	119
FALL RIVER	237	237	237	237	237	250	260	270	280	284	311	330	344	357	350	431	287	348	362	387	387	360	383	448	462	455	422	431	404	375	409	10648
McBEE	2	2	2	2	2	2	2	2	2	2	3	4	4	5	6	7	6	4	4	3	4	4	4	9	9	7	6	8	6	4	6	133
CHESTER	75	75	75	74	72	71	69	68	67	66	71	76	76	38	0	0	46	80	80	67	0	0	0	0	50	89	83	80	72	30	0	1650
SILKEY	1	1	1	1	1	1	2	3	4	5	7	9	2	2	2	23	22	8	7	3	1	1	15	32	36	24	20	20	15	10	16	298
CURR	24	24	24	24	24	24	40	57	57	57	58	54	56	53	50	46	46	43	38	32	32	33	41	47	51	50	53	51	43	41	22	1300
WHITE	0	0	0	0	0	0	0	0	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 SQUIRREL TO CHESTER	405	405	411	416	420	438	469	502	519	460	450	486	502	459	527	588	552	714	683	629	539	511	563	670	737	823	710	643	592	467	463	16761

HENRYS FORK CANALS

DEWEY	20	21	20	20	20	20	20	19	19	19	10	0	0	0	0	0	11	21	18	10	0	0	0	0	10	19	19	20	21	8	2	367
LAST CHANCE	70	73	72	71	70	68	67	66	65	65	32	0	59	30	0	0	92	46	15	40	0	0	0	0	45	88	80	84	90	10	10	1408
ST. ANTHONY UNION	480	484	485	487	488	490	492	481	470	460	468	497	486	488	490	492	494	465	457	484	500	487	486	484	468	471	473	481	484	463	484	14844
FARMERS FRIEND	213	213	216	219	220	222	223	190	158	126	63	0	0	0	0	0	236	248	214	0	0	0	0	0	112	236	203	0	150	0	0	3462
TWIN GROVES	54	54	67	80	94	108	122	136	148	146	54	54	55	54	63	67	58	51	47	46	44	0	0	0	31	55	53	123	107	162	121	2264
SALEM UNION	215	215	218	220	222	225	227	211	215	214	222	225	227	251	235	239	215	219	187	248	252	126	0	54	167	231	241	217	213	217	241	6394
TOTAL ASHTON TO ST. ANTHONY	1052	1060	1078	1097	1114	1133	1151	1103	1075	1035	849	756	827	808	788	798	1056	1050	938	825	801	613	486	538	833	1100	1041	925	1065	860	858	28744
EGIN	337	337	336	335	334	332	330	329	328	259	322	325	327	330	332	335	346	335	331	255	353	355	355	304	351	344	317	331	310	353	367	10345
ST ANTHONY UNION FEEDER	88	88	87	87	86	86	86	85	68	52	60	68	76	84	92	99	84	73	62	80	80	81	86	86	81	76	77	81	77	76	87	2479
INDEPENDENT	334	334	331	328	315	307	299	292	284	194	190	190	95	0	0	265	347	327	327	0	0	0	0	0	347	353	319	347	273	231	280	6420
CONSOLIDATED FARMERS	311	311	259	324	321	311	318	306	233	167	201	284	304	334	348	334	314	304	271	245	254	167	160	160	206	225	221	223	198	104	206	7414
TOTAL ST ANTHONY TO REXBURG	1075	1075	1013	1069	1056	1036	1033	1017	913	672	773	867	802	748	772	1033	1091	1039	991	680	687	603	601	610	985	996	934	982	840	769	948	27708

TETON RIVER CANALS

SEDDOWAY	5	5	5	5	6	5	5	5	4	4	3	2	1	0	0	8	13	9	10	7	4	6	5	5	6	13	12	13	15	14	14	214
WILFORD	126	139	151	163	166	163	154	151	143	135	128	121	114	106	151	66	71	144	163	116	82	80	71	77	80	84	71	61	62	60	67	3496
TETON IRRIGATION	0	0	0	0	0	3	6	9	7	39	43	47	51	59	54	60	72	68	62	60	58	64	55	53	57	54	63	63	54	47	46	1254
GOOD LUCK	0	2	4	6	5	7	7	7	7	18	29	40	50	44	47	47	51	10	33	19	26	17	16	17	24	28	19	17	16	14	15	602
PIONEER	9	14	19	24	26	25	25	23	22	21	22	23	24	26	30	12	14	17	17	15	13	9	11	11	11	13	12	13	14	11	10	536
STEWART	0	5	10	16	17	17	18	16	12	13	13	14	15	16	18	11	23	26	18	11	15	13	12	13	16	14	9	7	7	7	7	414
PINLOCK BYINGTON	12	12	13	13	13	13	12	12	13	13	13	14	15	15	15	16	19	20	15	4	8	8	8	8	8	9	8	8	8	8	8	367
PINLOCK GARNER	21	21	22	23	23	31	31	32	26	20	22	25	27	30	34	37	39	27	19	16	20	20	19	18	0	31	13	19	16	20	16	718
TETON ISLAND FEEDER	247	273	299	325	364	375	381	396	331	294	320	346	372	349	493	508	536	360	300	276	264	244	234	236	309	340	322	328	356	328	334	10495
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	0	17	34	53	34	17	0	5	10	16	10	17	24	31	54	46	38	31	21	19	11	5	4	8	8	11	20	21	18	17	25	625
ISLAND WARD	0	7	14	23	14	7	0	5	9	14	14	14	15	15	24	0	22	44	31	0	0	0	0	0	0	0	0	0	0	0	0	272
WOODMANSEE JOHNSTON	13	17	41	55	32	37	42	35	24	22	24	26	28	30	43	27	27	23	18	14	16	21	18	24	40	34	18	12	13	12	12	813
CITY OF REXBURG	39	40	40	41	47	48	49	50	45	39	38	38	36	36	43	51	51	47	38	35	39	36	35	39	46	42	41	43	46	45	38	1300
REXBURG IRRIGATION	119	122	127	132	145	145	144	143	142	142	146	150	155	159	164	205	173	164	120	95	100	100	120	100	125	137	150	175	201	194	160	4452
MCCORMICK BOWS	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	2	62
TOTAL	591	686	781	881	894	895	881	881	802	781	816	868	919	974	1174	1096	1151	997	847	689	663	630	615	611	731	817	760	777	828	779	754	25594

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JUNE 1931

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	16	18	15	14	14	12	9	10	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
MARYSVILLE	188	179	0	184	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	80	82	81	81	0	0	0	0	0	1092
TOTAL ABOVE SQUIRREL	204	197	15	198	186	12	9	10	0	8	0	0	0	0	0	0	0	0	0	0	45	80	82	81	81	0	0	0	0	0	1208
FARMERS OWN	45	44	45	0	45	0	0	0	0	0	6	6	6	6	6	6	0	0	0	0	31	42	41	24	24	0	0	0	0	0	381
ALMY	0	4	4	4	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
ENTERPRISE	0	138	142	138	138	144	0	0	0	0	0	0	0	0	0	120	60	0	0	0	0	20	33	0	0	68	82	81	81	81	1326
BELL	10	11	9	9	5	6	6	3	2	2	4	3	3	3	3	2	2	6	9	9	8	4	4	4	6	7	7	7	4	0	153
FALL RIVER	457	459	409	341	320	324	371	359	379	435	446	431	415	444	444	291	364	453	448	440	383	346	337	337	341	337	341	358	335	329	11498
McBEE	6	6	6	6	4	4	4	2	2	1	3	3	2	2	3	2	3	2	4	3	1	0	0	0	0	0	0	0	0	0	63
CHESTER	99	100	96	95	85	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	560
GILKEY	24	24	23	23	18	18	17	12	12	8	9	7	12	9	12	21	20	17	16	9	4	2	0	0	9	23	20	11	0	0	388
CURR	25	25	25	24	24	24	24	64	57	48	48	48	44	44	44	45	48	44	38	29	24	30	6	6	33	18	37	31	28	43	1032
TOTAL SQUIRREL-CHESTER	660	813	761	642	642	608	425	436	452	494	516	498	484	508	511	487	503	527	515	489	447	448	421	375	416	453	487	485	444	448	15419

HENRYS FORK CANALS

DEWEY	19	19	15	11	11	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	20	20	10	0	0	0	176
LAST CHANCE	74	74	73	74	68	62	62	14	0	0	0	0	0	0	0	0	0	0	0	44	52	44	36	28	0	0	0	0	0	0	703
ST. ANTHONY UNION	492	468	467	459	471	475	478	467	465	486	491	487	484	481	484	479	475	475	476	486	481	481	489	481	471	489	481	484	481	471	14356
FARMERS FRIEND	55	130	146	93	90	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	11	21	21	21	0	0	0	719
TWIN GROVES	46	111	110	99	93	126	127	122	115	111	71	72	75	77	0	0	0	0	0	0	120	109	110	115	91	0	0	110	101	101	2364
SALEM UNION	203	197	132	155	189	207	205	225	217	177	203	187	177	161	173	137	143	125	107	99	0	0	114	141	143	181	187	153	161	118	4469
TOTAL ASHTON-ST. ANTHONY	939	1019	943	891	924	974	933	828	797	774	765	746	736	719	657	616	662	652	627	621	629	590	718	784	736	711	619	748	743	753	22882
EGIN	349	306	306	306	292	328	324	353	353	351	360	364	340	330	364	290	304	218	244	279	272	284	331	340	337	371	320	196	197	194	9153
ST. ANTHONY UNION FEEDER	90	67	63	64	61	83	80	81	70	57	75	74	72	74	83	76	75	88	87	94	99	92	81	79	55	89	90	108	90	40	2385
INDEPENDENT	334	331	292	258	277	277	259	151	0	0	0	0	0	0	46	42	39	40	55	41	43	42	41	40	33	48	39	42	41	32	2490
CONSOLIDATED FARMERS	278	274	266	210	218	216	199	169	144	144	155	142	125	102	87	77	59	58	71	97	142	169	181	80	40	56	80	171	171	146	4258
TOTAL ST. ANTHONY-REXBURG	1076	978	931	839	848	904	857	754	567	552	590	582	537	514	580	485	477	454	457	511	551	589	634	534	465	524	529	453	511	469	18752

TETON RIVER CANALS

SIDDOWAY	14	15	14	14	13	13	13	17	15	14	14	13	13	12	11	10	10	10	11	13	13	13	14	14	13	7	0	0	0	0	333
WILFORD	68	73	121	120	122	122	121	121	117	114	113	103	79	68	68	70	69	67	65	64	65	63	62	59	60	55	48	48	63	59	2481
TETON IRRIGATION	48	53	56	54	52	51	49	59	53	48	48	48	48	46	48	78	78	78	70	65	62	65	67	62	64	60	60	48	52	54	1732
GOOD LUCK	14	15	16	15	14	14	14	14	13	13	13	12	12	12	12	12	12	11	11	10	11	10	11	11	11	11	11	11	11	11	346
PIONEER	11	13	13	14	13	14	14	13	13	14	14	13	13	15	14	14	10	10	11	11	11	10	11	10	9	11	11	10	10	10	344
STEWART	8	9	12	21	20	20	20	21	19	17	18	13	11	9	11	11	9	8	9	8	8	8	8	8	7	8	8	8	8	8	353
PINCOCK BYINGTON	8	8	13	16	16	16	16	16	16	16	16	11	4	3	10	7	0	7	8	8	8	7	7	7	7	7	7	7	7	7	268
PINCOCK GARNER	12	14	14	13	14	14	14	17	14	14	14	14	14	13	12	14	13	11	13	12	12	12	10	10	10	10	10	10	10	10	337
TETON ISLAND FEEDER	328	430	440	379	353	363	372	389	356	331	340	337	309	309	331	340	297	285	198	175	178	148	118	123	105	99	129	114	122	105	7518
NORTH SALEM	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	32
ROXANA	23	19	21	23	28	26	25	30	30	24	19	18	13	10	13	12	14	19	22	17	12	10	8	7	7	7	7	7	6	6	485
ISLAND WARD	0	0	0	0	0	0	0	26	24	17	8	8	7	7	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	116
WOODMANSEE JOHNSON	11	23	34	35	34	31	36	35	28	29	26	13	1	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	384
CITY OF REXBURG	31	39	34	41	45	42	40	40	37	36	36	35	29	27	24	28	24	30	31	34	36	38	39	38	36	37	39	37	31	30	1053
REXBURG IRRIGATION	168	177	237	194	177	173	171	144	129	125	131	125	121	135	129	123	105	109	112	109	107	113	122	126	125	134	135	127	124	120	4186
MCCORMICK ROWE	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	70
TOTAL	744	890	1034	944	905	909	924	941	871	819	817	771	731	681	720	732	668	652	567	533	528	504	480	485	467	436	452	456	441	429	20549

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JULY 1931

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	143	143	143	144	141	141	70	0	0	0	0	0	0	0	0	132	137	131	137	134	134	56	0	0	0	0	0	0	0	0	0	1547
TOTAL ABOVE SQUIRREL	143	143	143	144	141	141	70	0	0	0	0	0	0	0	0	132	137	131	137	134	134	56	0	0	0	0	0	0	0	0	0	1547
FARMERS OWN	40	40	40	44	45	45	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	0	0	0	0	476
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	99	116	118	118	117	118	118	117	118	118	118	118	120	120	120	120	118	118	119	120	120	120	120	121	121	131	139	141	140	140	136	3777
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	217	98	50	0	0	0	0	0	0	0	56	111	106	111	111	111	115	123	0	0	73	55	55	65	52	58	45	41	41	0	0	1694
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	0	0	0	0	0	0	0	0	0	0	0	15	19	19	18	17	1	0	20	20	9	16	17	19	20	19	18	20	19	20	20	324
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	0
CURR	41	9	39	57	60	59	28	24	28	29	26	28	27	26	21	21	22	12	39	31	32	42	33	33	31	47	27	28	28	28	28	990
TOTAL SQUIRREL-CHEST.	397	263	247	221	222	222	157	141	146	147	200	272	272	276	270	269	254	253	178	177	234	233	265	278	264	295	269	230	228	188	184	7254

HENRYS FORK CANALS

DEWEY	0	0	0	0	0	0	0	10	19	18	20	20	21	21	20	20	20	14	17	15	15	15	18	18	18	18	0	0	0	0	0	339
LAST CHANCE	0	50	48	44	44	47	44	44	48	48	48	24	0	0	0	0	0	0	48	48	46	44	47	0	0	0	0	0	0	0	0	726
ST ANTHONY UNION	411	417	290	340	411	409	404	405	417	407	411	401	419	415	414	422	451	463	454	454	447	478	346	372	216	290	215	296	270	270	411	11970
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	0
TWIN GROVES	114	88	88	87	85	80	79	78	101	96	77	74	78	80	0	0	0	0	0	0	44	39	32	27	27	20	16	16	0	0	0	1430
SALEM UNION	161	219	219	219	215	161	159	181	181	119	60	0	0	0	0	0	0	0	0	0	0	0	0	96	93	0	0	0	0	0	0	2077
TOTAL ASHTON-ST ANTHONY	744	772	649	688	757	697	686	722	764	688	616	521	518	516	434	442	471	479	519	517	554	578	443	513	354	328	311	312	270	270	411	16542
EGIN	196	205	205	202	199	205	196	208	202	205	208	244	244	244	246	239	246	244	242	241	184	197	200	241	241	200	194	200	197	194	197	6671
ST ANTHONY UNION FEEDER	86	97	93	96	93	94	92	95	93	94	97	100	95	95	93	93	86	95	92	91	90	83	87	83	39	45	42	42	44	48	86	2563
INDEPENDENT	38	109	109	98	89	100	95	109	98	103	106	98	100	100	102	100	102	106	103	98	103	98	106	98	104	[illegible]	91	0	0	0	0	2682
CONSOLIDATED FARMERS	95	85	[illegible]	169	140	117	127	133	144	131	123	64	0	0	0	0	0	0	0	0	0	0	0	66	111	0	0	0	0	0	0	1679
TOTAL ST ANTHONY & REXBURG	415	494	505	565	521	516	510	545	537	533	534	500	439	439	441	432	434	450	437	430	377	375	395	488	503	371	327	242	241	242	285	13405

TETON RIVER CANALS

MIDDOWAY	0	0	7	7	7	8	5	5	5	5	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	9	13	13	13	18	137
WILFORD	43	35	33	33	33	36	36	33	33	32	33	33	37	41	40	41	42	34	25	32	28	20	21	21	22	22	28	29	26	26	26	976
TETON IRRIGATION	54	53	50	40	39	34	36	33	41	40	44	40	43	33	32	30	31	36	27	22	17	17	16	31	34	30	29	30	28	29	31	1044
COOK-PECK	9	9	8	8	8	8	8	7	7	8	7	7	6	6	6	5	5	5	5	5	4	5	7	7	6	6	5	5	5	5	5	201
CONLEE	11	11	13	12	12	12	12	12	11	12	11	10	10	10	10	10	9	9	10	10	10	10	10	10	10	10	10	11	11	11	12	317
EDWARDS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	211
LINCOLN-SYLVINGTON	6	6	7	7	7	6	6	19	8	8	8	8	8	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	236
LINCOLN-GARNER	8	9	9	9	8	8	7	7	7	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	[illegible]	[illegible]	254
TETON ISLAND FEEDER	103	105	101	103	91	95	99	103	103	103	101	99	99	89	89	89	89	89	76	86	89	89	91	88	89	91	89	89	87	91	103	2510
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	6	6	6	6	6	7	7	7	7	8	7	7	7	7	5	5	5	5	5	1	0	0	0	0	0	0	0	0	0	0	0	120
BLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE JOHNSON	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	57
CITY OF REXBURG	24	21	26	26	23	22	19	18	17	28	25	27	21	22	24	23	23	22	17	21	19	21	23	31	21	28	24	25	17	18	19	705
REXBURG IRRIGATION	137	141	134	144	142	143	138	130	121	111	112	106	105	120	114	113	112	125	106	107	107	118	118	104	115	113	120	124	117	116	126	3492
MCCORMICK-ROWE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	76
TOTAL	436	413	405	404	387	390	384	376	371	374	373	357	358	354	348	342	343	330	296	311	301	307	312	317	330	326	343	352	337	354	380	11014

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR AUGUST 1951

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 ABOVE 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	[illegible]	0	0	0	0	0	0	0	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	[illegible]	133	122	120	124	128	128	128	128	122	121	121	118	115	115	114	135	135	135	135	127	123	122	122	0	74	75	74	75	74	76	3157
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER	0	0	0	0	0	45	80	52	41	41	41	41	57	60	0	0	0	0	0	45	46	46	0	0	0	[illegible]	119	104	0	167	0	1172
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	0	0	19	19	19	19	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136
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	0
CURR	27	27	28	27	27	26	27	27	27	27	27	27	27	27	28	28	28	28	28	28	28	25	25	25	27	27	25	26	26	26	28	834
TOTAL SQUIRREL-CHESTER	163	160	169	166	170	238	255	227	216	190	189	189	202	202	143	142	163	163	163	208	201	194	147	147	27	218	169	156	51	217	54	5299

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	0
LAST CHANCE	0	0	0	10	40	34	14	10	9	10	6	0	0	0	0	0	0	0	0	29	31	29	30	0	0	0	0	0	0	8	8	0	270
ST ANTHONY UNION	[illegible]	389	385	387	380	379	391	390	332	296	315	318	324	334	331	331	324	324	162	319	319	319	319	323	319	0	301	302	302	100	321	9749
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	0
TWIN GROVES	0	0	0	0	0	35	32	32	32	34	0	0	0	0	0	0	36	37	38	0	0	0	0	0	0	34	24	22	22	34	0	418
SALEM UNION	0	0	0	0	0	86	88	[illegible]	0	0	0	0	0	0	0	0	83	85	83	0	0	0	0	0	0	88	0	0	0	83	0	686
TOTAL ASHTON-ST ANTHONY	419	383	385	397	420	536	525	522	373	340	321	318	324	334	331	331	443	446	312	350	348	345	319	323	319	124	327	324	332	226	321	11123
EGIN	200	194	197	196	192	83	192	192	208	202	192	197	191	194	194	191	10	5	209	197	191	194	204	194	194	200	191	194	191	191	197	5685
ST ANTHONY UNION FEEDER	[illegible]	80	90	90	88	83	85	84	94	63	62	63	64	64	64	64	66	64	33	66	80	83	58	60	60	0	62	63	63	27	78	2115
INDEPENDENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[illegible]	[illegible]	0	0	0	[illegible]	0	288
CONSOLIDATED FARMERS	0	0	0	0	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0	111	104	107	0	0	0	0	0	96	0	0	0	96	0	0	732
TOTAL ST ANTHONY-REXBURG	290	284	287	286	280	373	400	276	302	265	254	260	255	258	258	255	187	175	357	263	271	277	262	254	254	434	253	257	254	462	275	8818

TETON RIVER CANALS

SIDDOWAY	12	14	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	0	0	0	0	0	0	0	0	0	0	103
WILFORD	30	34	[illegible]	25	22	21	21	21	21	20	17	17	18	19	19	18	18	18	18	18	17	16	17	16	16	15	15	13	12	12	12	592
TETON IRRIGATION	36	[illegible]	44	33	30	29	32	30	32	28	25	23	23	28	28	28	27	28	28	27	25	24	28	26	28	28	20	20	19	18	16	849
GOODLUCK	7	6	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	124
PIONEER	11	11	10	10	12	11	12	12	11	11	11	11	11	13	12	11	11	10	11	13	9	12	11	12	12	11	11	11	11	11	11	343
STEWART	8	8	8	7	7	7	7	7	7	6	6	6	6	8	[illegible]	8	8	8	6	6	6	6	7	7	7	7	6	6	6	6	6	215
PINCOCK-BYINGTON	[illegible]	[illegible]	7	7	7	7	7	7	7	7	7	7	7	[illegible]	[illegible]	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	7	217
PINCOCK-GARNER	[illegible]	[illegible]	9	9	9	9	9	9	9	9	9	9	9	10	9	9	9	9	8	9	9	8	8	8	8	8	8	8	8	7	7	279
TETON ISLAND FEEDER	116	112	105	93	101	95	106	97	95	93	91	91	95	118	132	127	110	99	47	99	97	95	88	82	84	73	75	75	75	75	80	2953
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
ROYANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST AND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	12	11	9	11	10	12	10	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	12	12	12	8	8	10	11	10	10	9	[illegible]	226
CITY OF REXBURG	20	20	21	20	23	23	24	32	31	31	33	31	31	34	35	38	31	31	33	33	27	24	27	25	23	21	23	23	21	20	18	824
REXBURG IRRIGATION	138	137	125	125	121	125	129	123	125	124	116	116	122	140	143	151	145	135	133	133	124	129	124	118	122	114	115	125	124	123	117	3533
BROCKBANK-ROWE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
TOTAL	410	421	398	360	356	350	373	349	345	338	322	314	328	384	407	405	375	365	364	344	357	346	341	349	328	297	299	304	301	295	286	10825

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR SEPTEMBER 1931

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	26	0	14	14	14	14	14	15	16	15	15	16	16	16	16	16	17	17	16	17	18	18	18	358
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	26	0	14	14	14	14	14	15	16	15	15	16	16	16	16	16	17	17	16	17	18	18	18	358
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	15	15	11	11	12	12	12	12	12	12	12	159
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	26	28	28	90	91	92	91	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	45	52	676
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	0	0	0	0	0	0	118	111	85	0	0	0	0	43	43	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	515
MCBEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	40
CURR	27	24	27	24	24	24	25	25	24	24	25	25	24	25	25	25	25	23	23	23	27	20	19	18	18	18	18	14	14	14	480
TOTAL SQUIRREL-CHESTER	53	54	55	114	117	118	229	227	111	24	25	25	31	73	73	70	70	68	86	43	41	31	30	30	30	30	30	64	75	78	2130

HENRYS FORK CANAL

DEWEY	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
LAST CHANCE	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
ST ANTHONY UNION	324	315	353	324	321	323	321	324	332	319	316	316	319	319	317	319	314	316	316	316	323	323	315	323	323	321	315	315	316	316	9783
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	0	0	0	0	36	36	27	27	21	21	0	0	0	0	0	0	0	0	0	0	0	148
SALEM UNION	93	101	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	64	62	61	61	61	15	0	0	0	0	581
TOTAL ASHTON-ST ANTHONY	425	417	454	324	321	333	331	334	342	329	326	326	319	355	353	346	345	337	337	315	390	385	381	384	384	336	315	315	316	316	10,583
EGIN	189	187	187	184	186	176	184	184	188	188	188	188	191	188	188	187	187	188	189	180	181	178	178	181	181	181	178	175	175	175	5516
ST ANTHONY UNION FEEDER	73	69	70	69	71	68	66	64	74	74	73	72	72	72	72	72	72	72	72	73	75	75	75	75	74	74	74	74	74	74	2164
INDEPENDENT	0	0	0	0	0	0	0	0	0	0	0	0	0	40	41	41	41	41	41	41	42	42	42	42	38	38	38	38	38	38	1224
CONSOLIDATED FARMERS	0	0	0	125	125	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115	111	111	0	0	0	708
TOTAL ST ANTHONY-REXBURG	262	256	262	380	384	365	250	248	262	262	261	260	263	300	301	304	304	301	304	341	297	295	295	298	412	404	404	288	285	285	9195

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	11	11	12	12	12	0	8	8	6	11	11	11	14	13	12	11	0	0	0	0	0	0	0	0	0	0	141
WILFORD	13	12	12	12	12	11	11	10	10	10	9	9	9	9	9	9	9	9	8	9	9	9	12	18	19	19	19	18	18	18	342
TETON IRRIGATION	14	19	19	18	17	18	18	13	14	14	11	15	15	27	28	37	35	40	37	18	20	16	15	14	14	14	15	14	17	17	584
GOOD LUCK	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	101
PIONEER	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	10	11	11	11	12	10	11	10	10	10	10	9	9	9	9	296
STEWART	[illegible]	[illegible]	[illegible]	[illegible]	5	5	5	5	5	5	5	5	5	5	5	4	5	5	4	4	5	5	5	5	5	5	5	5	5	5	153
PINCOCK-BYINGTON	6	6	6	6	6	6	6	6	5	6	6	6	6	7	7	8	8	8	6	6	6	6	6	6	6	6	7	7	7	7	181
PINCOCK-GARNER	7	7	7	7	10	10	10	10	10	11	10	10	10	8	8	9	8	11	11	11	11	11	11	14	10	10	10	10	10	10	293
TETON-WARD FEEDER	80	78	76	75	68	71	68	68	64	64	68	75	75	95	95	114	136	110	108	118	80	105	99	97	99	91	110	112	108	114	2743
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
ROZANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	9	9	10	9	9	11	11	10	10	10	10	10	10	7	4	2	2	3	9	1	0	0	0	0	1	2	11	13	13	13	178
CITY OF REXBURG	14	14	22	23	22	23	22	24	28	28	22	20	20	0	9	0	0	0	0	0	14	20	15	14	15	17	13	14	14	14	444
REXBURG IRRIGATION	117	124	128	125	119	118	116	120	120	120	121	113	114	116	101	93	94	83	76	83	125	133	124	124	126	124	107	101	100	98	3379
BASIN CREEK-LOWE	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	75
TOTAL	300	297	304	297	295	290	285	276	285	273	267	268	269	300	283	306	331	299	287	264	298	325	310	309	314	301	312	306	307	311	8885

Henrys Lake Ac. Ft.	Henrys Fork nr. Lake Stored	Normal	Total	Loss Stored Lake to Warm River	Date	Henrys Fork at Warm River Stored	Normal	Total	Loss Stored W.R. to Ashton	Date	Henrys Fork nr Ashton Stored	Normal
19[illegible]	0	9	9		May 14			837		May 15		
		9	9		15			861		16		
		9	9		16			834		17		
		9	9		17			893		18		
		9	9		18			861		19		
		9	9		19			812		20		
		9	9		20			794		21		
		9	9		21			782		22		
		9	9		22			770		23		
		9	9		23			759		24		
		9	9		24			759		25		
		9	9		25			770		26		
		9	9		26			770		27		
		9	9		27			770		28		
		9	9		28			770		29		
		9	9		29			764		30		
		10	10		30			747		31		
		11	11		31			741		June 1		
		11	11		June 1			747		2		
		11	11		2			753		3		
		11	11		3			764		4		
		11	11		4			770		5		
		11	11		5			747		6		
		11	11		6			741		7		
		11	11		7			735		8		
		11	11		8			735		9		
		11	11		9			741		10		
		11	11		10			753		11		
		11	11		11			747		12		
		12	12		12			741		13		
18[illegible]	0	24	24	0	13	0	753	753		14	0	1030
	17	40	57	0	14	17	765	782	0	15	17	1013
	37	38	75	1	15	36	746	782	0	16	36	994
	46	37	83	1	16	45	743	788	0	17	45	965
18[illegible]	49	35	84	1	17	48	734	782	0	18	48	949
18[illegible]	51	34	85	1	18	50	750	800	1	19	49	948
18[illegible]	104	33	137	2	19	102	741	843	1	20	101	934
18[illegible]	141	31	172	2	20	139	741	880	1	21	138	962
18[illegible]	144	30	224	3	21	141	708	849	1	22	140	960
18[illegible]	285	28	313	4	22	281	689	970	1	23	280	920
18[illegible]	320	27	347	5	23	315	675	990	1	24	313	917
18[illegible]	323	26	349	5	24	318	678	996	2	25	316	884
18[illegible]	321	24	345	5	25	316	660	976	2	26	314	886
18[illegible]	265	23	288	4	26	261	676	931	1	27	260	940
18[illegible]	253	21	274	4	27	240	701	950	1	28	248	1024
18[illegible]	297	20	317	4	28	293	690	983	1	29	292	938
18[illegible]	300	19	319	5	29	295	669	964	1	30	294	876
18[illegible]	283	18	301	4	30	279	659	938	1	July 1	278	862
18[illegible]	160	17	177	4	July 1	256	688	944	1	2	255	905
18[illegible]	273	16	289	4	2	269	681	950	1	3	268	892
18[illegible]	266	15	281	4	3	262	688	950	1	4	261	899
18[illegible]	264	15	279	4	4	260	710	970	1	5	259	911
18[illegible]	291	14	306	4	5	288	676	964	1	6	287	933
18[illegible]	255	14	269	4	6	251	687	938	1	7	250	930
18[illegible]	250	14	264	4	7	246	692	938	1	8	245	955
18[illegible]	228	14	242	3	8	225	680	905	1	9	224	916
18[illegible]	202	13	215	3	9	199	675	874	1	10	198	912
18[illegible]	177	13	190	3	10	174	681	855	1	11	173	917
18[illegible]	158	13	171	2	11	156	681	837	1	12	155	905
18[illegible]	130	13	143	2	12	129	703	831	1	13	127	913
18[illegible]	121	12	133	2	13	119	693	812	1	14	118	911
18[illegible]	106	12	118	2	14	104	696	800	1	15	103	907
18[illegible]	88	12	100	1	15	97	701	788	0	16	97	910
18[illegible]	75	12	87	1	16	74	702	776	1	17	73	903
18[illegible]	70	12	82	1	17	69	715	788	0	18	71	941
18[illegible]	70	12	82	1	18	69	705	776	0	19	71	905
										20	69	919

DAILY SEGREGATION OF FLOW — HENRYS FORK

Diversions Ashton to St Anthony Total	Stored	Normal	Total	Henrys Fork at St Anthony Stored	Normal	Total	Diversions below St Anthony Stored	Normal	Total	Stored balance below diversion
1200	110	678	788	-110	2010	1900	0		772	-110
1200	0	798	798	0	2950	2950			1033	0
1210	0	1026	1026	0	3020	3020			1091	0
1210	0	1050	1050	0	2040	2040			1039	0
1180	0	938	938	0	1170	1170			991	0
1160	0	825	825	0	917	917			620	0
1170	125	676	801	-125	1125	1000			627	-125
1150	104	509	613	-104	1144	1040			603	-104
1110	102	384	486	-102	1292	1190			601	-102
1080	113	425	538	-113	1763	1650			610	-113
1080	115	718	833	-115	1995	1880			985	-115
1060	0	1100	1100	0	1260	1260			996	0
1030	0	1069	1069	0	1060	1060			934	0
1030	0	925	925	0	1030	1030			981	0
1070	0	1065	1065	0	848	848			848	0
1080	0	860	860	0	730	730			764	0
1050	0	858	858	0	978	978			998	0
1040	0	939	939	0	1260	1260			1076	0
1080	0	1019	1019	0	1300	1300			978	0
1070	-155	1098	943	155	1185	1340			931	155
1080	0	897	897	0	1300	1300			834	0
1020	-38	962	924	38	1022	1060			848	38
1040	-193	1169	976	193	643	836			904	193
1020	-7	940	933	7	864	871			857	7
1020	-7	835	828	7	745	752			754	7
1050	-7	804	797	7	609	616			567	7
1050	0	774	774	0	574	574			552	0
1010	0	765	765	0	608	608			590	0
1040	0	746	746	0	574	574			582	0
1040	0	736	736	0	557	557			537	0
1030	0	719	719	0	540	540	0		514	0
1040	0	657	657	17	540	557	46	534	580	-29
1030	0	618	618	36	473	509	42	443	485	-6
1010	0	662	662	45	433	478	39	438	477	6
997	0	652	652	48	400	448	40	414	454	8
997	0	627	627	49	413	462	15	442	457	34
1040	50	571	621	51	473	524	101	410	511	-50
1100	195	434	629	-57	623	566	103	448	551	-160
1150	109	401	590	1	607	608	100	489	589	-99
1200	309	409	718	-29	673	644	101	533	634	-130
1230	325	457	782	-12	552	540	100	434	534	-112
1180	254	482	736	62	439	501	67	398	465	-5
1180	201	510	711	113	372	485	124	400	524	-11
1200	117	502	619	143	397	540	119	419	538	24
1270	263	505	768	-15	532	517	159	294	453	-174
1230	343	400	743	-51	560	509	221	289	511	-273
1170	363	390	753	-69	531	462	185	284	469	-254
1140	573	173	746	-245	736	491	133	282	415	-428
1160	620	152	772	-365	858	493	196	300	496	-561
1160	670	-27	643	-402	968	566	285	300	585	-687
1160	672	16	688	-411	951	540	261	298	565	-670
1170	665	92	757	-406	907	501	229	292	521	-635
1260	608	89	697	-321	887	566	217	299	516	-538
1180	545	141	686	-245	835	540	221	288	510	-517
1200	360	362	722	-115	779	663	242	303	545	-357
1140	309	457	766	-85	739	654	229	308	537	-314
1110	302	386	688	-104	738	634	169	364	533	-273
1110	293	323	616	-120	840	720	151	383	534	-319
1040	344	177	521	-199	881	682	130	370	500	-357
1040	346	172	518	-219	865	646	138	301	439	-373
1040	351	165	516	-233	848	615	142	299	441	-308
1010	269	165	434	-166	848	682	135	297	432	-448
997	400	42	442	-313	947	634	143	292	434	-466
976	391	80	471	-318	811	493	142	304	450	-471
1010	394	85	479	-325	834	509	146	292	437	-402
976	328	191	519	-259	759	500	145	291	436	-414
976	337	180	517	-260	775	493	139	291	430	-413

Date	Henrys Lake Ac. Ft.	Henrys nr. L Stored	Normal
June 13	3324	53	1
14	3317	54	
15	3320	44	
16	3056	37	
17	4995	32	
18	4933	30	
19	4880	31	
20	4829	26	
21	4781	24	
22	4729	26	
23	4678	26	
24	4633	33	
25	4591	21	
26	4545	23	
July 1	4496	25	
2	4463	17	
3	4429	15	
4	4399	13	
5	4374	11	
6	4353	10	
7	4334	6	
8	4322	4	
9	4315	4	
10	4307	3	
11	4302	1	
12	4300	0	
13	4300		
14	4300		
15	4300		
16	4300		
17	4300		
18	4300		
19	4300		
20	4300		
21	4300		
22	4300		
23	4300		
24	4300		
25	4300		
26	4300		
27	4300		
28	4300		
29	4300		
30	4300		
31	4300		
Total			

Henrys Lake Ac. Ft.	Henrys Fork nr. Lake Stored	Henrys Fork nr. Lake Normal	Henrys Fork nr. Lake Total	Loss Stored Lake to Warm River	Date	Henrys Fork at Warm River Stored	Henrys Fork at Warm River Normal	Henrys Fork at Warm River Total	Loss Stored W.R. to Ashton	Date	Henrys Fork nr Ashton Stored	Henrys Fork nr Ashton Normal	Henrys Fork nr Ashton Total
17833	0	9	9		May 14			837		May 15			
		9	9		15			861		16			
		9	9		16			834		17			
		9	9		17			893		18			
		9	9		18			861		19			
		9	9		19			812		20			
		9	9		20			794		21			
		9	9		21			782		22			
		9	9		22			770		23			
		9	9		23			759		24			
		9	9		24			759		25			
		9	9		25			770		26			
		9	9		26			770		27			
		9	9		27			770		28			
		9	9		28			770		29			
		9	9		29			764		30			
		10	10		30			747		31			
		11	11		31			741		June 1			
		11	11		June 1			747		2			
		11	11		2			753		3			
		11	11		3			764		4			
17828		11	11		4			770		5			
		11	11		5			747		6			
		11	11		6			741		7			
		11	11		7			735		8			
		11	11		8			735		9			
		11	11		9			741		10			
		11	11		10			753		11			
		11	11		11			747		12			
17828		12	12		12			741		13			
	0	24	24	0	13	0	753	753		14	0	1030	
	17	40	57	0	14	17	765	782	0	15	17	1013	
	37	38	75	1	15	36	746	782	0	16	36	994	
	46	37	83	1	16	45	743	788	0	17	45	965	
17818	49	35	84	1	17	48	734	782	0	18	48	949	
17808	51	34	85	1	18	50	750	800	1	19	49	948	
17760	104	33	137	2	19	102	741	843	1	20	101	939	
17744	141	31	172	2	20	139	741	880	1	21	138	962	
17716	194	30	224	3	21	191	708	899	1	22	190	960	
17688	285	28	313	4	22	281	689	970	1	23	280	920	
17653	320	27	347	5	23	315	675	990	2	24	313	917	
17627	335	26	361	5	24	330	678	996	2	25	328	894	
17607	331	24	355	5	25	326	660	976	2	26	324	866	
17582	345	23	368	5	26	361	676	976	2	27	360	940	
17552	365	23	388	4	27	361	676	931	1	28	348	1024	
17526	353	21	374	4	27	349	701	950	1	29	292	938	
17505	297	20	317	4	28	293	690	983	1	30	294	876	
17485	300	19	319	5	29	295	669	964	1	July 1	278	862	
17466	283	18	301	4	30	279	659	938	1	2	255	905	
17441	260	17	277	4	July 1	256	688	944	1	3	268	892	
17428	273	16	289	4	2	269	681	950	1	4	261	899	
17409	240	15	255	4	3	262	688	950	1	5	259	911	
17393	224	15	239	4	4	260	710	970	1	6	287	923	
17377	192	14	206	4	5	288	676	964	1	7	250	930	
17362	255	14	269	4	6	251	687	938	1	8	245	955	
17346	250	14	264	4	7	246	692	938	1	9	224	916	
17324	218	14	232	3	8	225	680	905	1	10	198	912	
17314	201	13	215	3	9	199	675	874	1	11	173	917	
17298	177	13	190	3	10	174	681	855	1	12	155	905	
17278	158	13	171	2	11	156	703	837	1	13	129	913	
17258	130	13	143	2	12	128	693	831	1	14	118	907	
17240	121	12	133	2	13	119	696	812	1	15	103	910	
17230	106	12	118	2	14	104	701	800	1	16	87	905	
17220	98	12	100	1	15	87	702	788	0	17	73	941	
17210	85	12	97	1	16	74	719	776	1	18	69	905	
17200	70	12	82	1	17	69	705	788	0	19	71	905	
17190	72	12	84	1	18	59	712	776	0	20	59	919	

DAILY SEGREGATION OF FLOW — HENRYS FORK - 1931 - IN S

Total	Diversions Ashton to St Anthony Stored	Normal	Total	Henrys Fork at St Anthony Stored	Normal	Total	Diversions below St Anthony Stored	Normal	Total	Stored balance below diversion
1200	110	678	788	-110	2030	1900	0		1774	-110
1200	0	798	798	0	2950	2950			1032	0
1210	0	1056	1056	0	2030	2030			1091	0
1180	0	938	938	0	2090	2090			1029	0
1160	0	825	825	0	1170	1170			991	0
1170	125	676	801	-125	1125	1000			880	0
1150	104	509	613	-104	1144	1040			687	-125
1110	102	384	486	-102	1242	1140			603	-104
1080	113	425	538	-113	1263	1150			601	-102
1080	115	718	833	-115	1945	1830			610	-113
1060	0	1100	1100	0	1260	1260			985	-115
1030	0	1069	1069	0	1060	1060			996	0
1030	0	925	925	0	1030	1030			934	0
1070	0	1065	1065	0	848	848			982	0
1080	0	860	860	0	730	730			848	0
1050	0	858	858	0	978	978			769	0
1040	0	939	939	0	1260	1260			948	0
1080	0	1019	1019	0	1300	1300			1076	0
1070	-155	1098	943	155	1185	1340			978	0
1080	0	897	897	0	1300	1300			931	155
1070	-38	962	924	38	1022	1060			854	0
1040	-193	1169	976	193	643	836			848	38
1020	-7	940	933	7	864	871			904	193
1020	-7	835	828	7	745	752			857	7
1050	-7	804	797	7	609	616			754	7
1050	0	774	774	0	574	574			567	7
1010	0	765	765	0	608	608			553	0
1040	0	746	746	0	574	574			590	0
1040	0	736	736	0	557	557			582	0
1030	0	719	719	0	540	540	0		537	0
1040	0	657	657	17	540	557	46	534	514	0
1030	0	618	618	36	473	509	42	443	580	-29
1010	0	662	662	45	433	478	39	438	485	-6
997	0	652	652	48	400	448	40	414	477	6
997	0	627	627	49	413	462	15	442	454	8
1040	50	571	621	51	473	524	101	410	457	34
1100	195	434	629	-57	623	566	103	448	511	-50
1150	189	401	590	1	607	608	100	489	551	-160
1200	309	409	718	-29	673	644	101	533	589	-99
1230	325	457	782	-12	552	540	100	434	634	-130
1180	254	482	736	62	439	501	67	398	534	-112
1180	201	510	711	113	372	485	124	400	465	-5
1200	117	502	619	143	397	540	119	419	524	-11
1270	263	505	768	-15	532	517	159	294	529	24
1230	343	400	743	-51	560	509	222	289	453	-174
1170	363	390	753	-69	531	462	185	284	511	-273
1140	573	173	746	-295	736	441	133	282	469	-254
1160	620	152	772	-365	858	493	196	300	415	-428
1160	670	-29	643	-402	968	566	285	300	496	-561
1160	672	16	688	-411	951	540	267	298	585	-687
1170	665	92	757	-406	907	501	229	292	565	-670
1240	608	89	697	-321	807	566	217	299	521	-635
1180	545	141	686	-245	835	540	222	288	516	-538
1200	360	362	722	-115	719	663	242	303	545	-517
1140	309	457	766	-85	739	659	229	308	537	-357
1110	302	386	688	-104	738	634	169	364	533	-314
1110	243	373	616	-120	840	720	151	383	534	-271
1040	344	177	521	-189	881	692	130	370	500	-319
1040	346	172	518	-219	863	644	138	301	439	-357
1040	351	165	516	-233	896	663	139	300	439	-372
1010	269	165	434	-166	849	684	142	299	441	-308
997	400	42	442	-313	947	634	135	297	432	-448
976	391	80	471	-318	811	493	142	292	434	-460
1010	399	85	484	-325	834	509	146	304	450	-471
976	328	141	469	-357	758	501	145	298	443	-402
976	337	180	517	-280	733	483	139	291	430	-415

Date	Henrys Lake Ac. Ft.	Henrys Fork nr. Lake Stored	Henrys Fork nr. Lake Normal	Henrys Fork nr. Lake Total	Loss Stored Lake to W.R.	Date
18	5349	53	12	65	1	May 15
19	5317	54	12	66	1	16
20	5230	44	11	55	1	17
21	5054	37	11	48	1	18
22	4993	32	11	43	0	19
23	4953	30	11	41	1	20
24	4886	27	11	38	0	21
25	4828	26	11	37	1	22
26	4781	24	11	35	0	23
27	4749	26	11	37	0	24
28	4678	26	11	37	1	25
29	4633	33	11	44	0	26
30	4591	21	11	32	0	27
31	4545	23	11	34	1	28
May 1	4496	25	12	37	0	29
2	4463	17	12	29	0	30
3	4424	15	12	27	0	31
4	4389	13	12	25	1	June 1
5	4374	11	12	23	0	2
6	4353	10	12	22	0	3
7	4334	6	12	18	0	4
8	4322	4	12	16	0	5
9	4315	4	12	16	0	6
10	4307	3	12	15	0	7
11	4302	1	12	13	1	8
12	4300	0	12	12	0	9
13	4300		11	11	0	10
14	4300		10	10		11
15	4300		11	11		12
16	4300		11	11		13
17	4300		12	12		14
18	4300		12	12		15
19	4300		11	11		16
20			11	11		17
21			11	11		18
22			11	11		19
23			10	10		20
24			10	10		21
25			10	10		22
26			10	10		23
27			11	11		24
28			12	12		25
29			12	12		26
30			12	12		27
31	4300		12	12		28
Sept 1			14	14		29
2			14	14		30
3			14	14		July 1
4			13	13		2
5			13	13		3
6			12	12		4
7			10	10		5
8			10	10		6
9			9	9		7
10			12	12		8
11			10	10		9
12			9	9		10
13			9	9		11
14			9	9		12
15			9	9		13
16			9	9		14
17			9	9		15
18			12	12		16
19			15	15		17
20	4300		16	16		18
Total		1185				

DAILY SEGREGATION OF FLOW — HENRYS FORK - 1931 - IN SEC. FT.

Stored W. R. to Ashton	Date	Henrys Fork nr Ashton Stored	Henrys Fork nr Ashton Normal	Henrys Fork nr Ashton Total	Diversions Ashton to St Anthony Stored	Diversions Ashton to St Anthony Normal	Diversions Ashton to St Anthony Total	Henrys Fork at St. Anthony Stored	Henrys Fork at St. Anthony Normal	Henrys Fork at St. Anthony Total	Diversions below St. Anthony Stored	Diversions below St. Anthony Normal	Diversions below St. Anthony Total	Stored balance below diversion
	May 15			1200	110	870	980	-110	2010	1900	0		772	-110
	16			1200	0	748	748	0	2950	2950			1032	0
	17			1210	0	1056	1056	0	3020	3020			1091	0
	18			1210	0	1030	1050	0	2090	2090			1039	0
	19			1190	0	938	938	0	1170	1170			991	0
	20			1160	0	825	825	0	917	917			680	0
	21			1170	125	676	801	-125	1125	1000			687	-125
	22			1150	104	509	613	-104	1144	1040			603	-104
	23			1110	102	384	486	-102	1292	1190			601	-102
	24			1080	113	425	538	-113	1763	1650			610	-113
	25			1080	115	718	833	-115	1945	1830			985	-115
	26			1060	0	1100	1100	0	1260	1260			996	0
	27			1030	0	1069	1069	0	1060	1060			934	0
	28			1030	0	925	925	0	1030	1030			982	0
	29			1070	0	1065	1065	0	848	848			848	0
	30			1080	0	860	860	0	730	730			764	0
	31			1050	0	858	858	0	978	978			948	0
	June 1			1040	0	939	939	0	1260	1260			1076	0
	2			1080	0	1019	1019	0	1300	1300			970	0
	3			1070	-155	1098	943	155	1185	1340			931	155
	4			1080	0	897	897	0	1300	1300			839	0
	5			1070	-38	962	924	38	1022	1060			848	38
	6			1040	-193	1169	976	193	643	836			904	193
	7			1020	-7	940	933	7	864	871			857	7
	8			1020	-7	835	828	7	745	752			754	7
	9			1050	-7	804	797	7	609	616			567	7
	10			1050	0	774	774	0	574	574			552	0
	11			1010	0	765	765	0	608	608			590	0
	12			1040	0	746	746	0	574	574			582	0
	13			1040	0	736	736	0	557	557			537	0
	14	0	1030	1030	0	719	719	0	540	540	0		514	0
0	15	17	1023	1040	0	657	657	17	540	557	46	534	580	-29
0	16	36	994	1030	0	618	618	36	473	509	42	443	485	-6
0	17	45	965	1010	0	662	662	45	433	478	39	438	477	-6
0	18	48	949	997	0	652	652	48	400	448	40	414	454	8
1	19	49	948	997	0	627	627	49	413	462	15	442	457	34
1	20	101	939	1040	50	571	621	51	473	524	101	410	511	-50
1	21	138	962	1100	195	434	629	-57	623	566	103	448	551	-160
1	22	190	960	1150	109	401	510	1	607	608	100	489	589	-99
1	23	280	920	1200	309	409	718	-29	673	644	101	533	634	-130
2	24	313	917	1230	325	457	782	-12	552	540	100	434	534	-112
2	25	316	864	1180	254	482	736	62	439	501	67	398	465	-5
2	26	314	866	1180	201	510	711	113	372	485	124	400	524	-11
1	27	260	940	1200	117	502	619	143	397	540	119	419	529	24
1	28	248	1022	1270	263	505	768	-15	532	517	159	294	453	-174
1	29	242	938	1230	343	400	743	-51	560	509	222	289	511	-273
1	30	294	876	1170	363	390	753	-69	531	462	185	284	469	-254
1	July 1	278	862	1140	573	173	746	-245	736	491	133	282	415	-428
1	2	255	905	1160	620	152	772	-365	850	485	196	300	496	-561
1	3	268	892	1160	670	-29	643	-402	968	566	285	300	585	-687
1	4	261	899	1160	672	16	688	-411	951	540	267	298	565	-678
1	5	259	911	1170	665	92	757	-406	907	501	229	292	521	-635
1	6	287	973	1260	608	89	697	-321	887	566	217	299	516	-538
1	7	250	930	1180	545	141	686	-245	835	590	222	288	510	-517
1	8	245	955	1200	360	362	722	-115	778	663	242	303	545	-357
1	9	224	916	1140	309	457	766	-85	739	654	229	308	537	-314
1	10	198	912	1110	302	386	688	-104	738	634	169	364	533	-273
1	11	173	937	1110	293	323	616	-120	840	720	151	383	534	-271
1	12	155	885	1040	344	177	521	-189	881	692	130	370	500	-319
1	13	137	913	1050	346	172	518	-219	863	644	138	301	439	-357
1	14	118	922	1040	351	165	516	-233	896	663	139	300	439	-372
1	15	103	907	1010	269	165	434	-166	848	682	142	299	441	-308
1	16	87	910	997	400	42	442	-313	947	634	135	297	432	-448
0	17	73	903	976	391	80	471	-318	811	493	142	292	434	-460
1	18	64	941	1010	394	85	479	-325	834	509	146	304	450	-471
0	19	71	905	976	328	141	519	-257	758	501	145	292	437	-402
0	20	57	919	976	337	180	517	-280	773	493	139	291	430	-419

Date	Henrys Lake Ac. Ft.	Henrys Fork nr Lake Stored	Henrys Fork nr Lake Normal	Henrys Fork nr Lake Total	Less Stored Lake to W. R.
July 18	5324	53	12	65	1
19	5217	54	12	66	1
20	5130	44	11	55	1
21	5056	37	11	48	1
22	4993	32	11	43	0
23	4933	30	11	41	1
24	4880	27	11	38	0
25	4828	26	11	37	1
26	4781	24	11	35	0
27	4729	26	11	37	0
28	4678	26	11	37	1
29	4633	23	11	34	0
30	4591	21	11	32	0
31	4545	23	11	34	1
Aug 1	4496	25	12	37	0
2	4463	17	12	29	0
3	4429	15	12	27	0
4	4399	13	12	25	1
5	4374	11	12	23	0
6	4353	10	12	22	0
7	4334	6	12	18	0
8	4322	4	12	16	0
9	4315	4	12	16	0
10	4307	3	12	15	0
11	4302	1	12	13	1
12	4300	0	12	12	0
13	4300		11	11	0
14	4300		10	10	
15	4300		11	11	
16	4300		11	11	
17	4300		12	12	
18	4300		12	12	
19	4300		11	11	
20			11	11	
21			11	11	
22			11	11	
23			10	10	
24			10	10	
25			10	10	
26			10	10	
27			11	11	
28			12	12	
29			12	12	
30			12	12	
31	4300		12	12	
Sept 1			14	14	
2			14	14	
3			14	14	
4			13	13	
5			13	13	
6			12	12	
7			10	10	
8			10	10	
9			8	8	
10			12	12	
11			10	10	
12			9	9	
13			9	9	
14			9	9	
15			9	9	
16			9	9	
17			9	9	
18			12	12	
19			15	15	
20	4300		18	18	
Total Season		7185			

Date	Henrys Fork at Warm River Stored	Henrys Fork at Warm River Normal	Henrys Fork at Warm River Total
July 20	52	718	770
21	53	711	764
22	43	721	764
23	36	723	759
24	32	727	759
25	29	711	740
26	27	708	735
27	25	710	735
28	24	711	735
29	26	703	729
30	25	716	741
31	23	718	741
Aug 1	21	720	741
2	22	707	729
3	25	693	718
4	17	689	706
5	15	697	712
6	12	689	701
7	11	690	701
8	10	679	689
9	6	689	695
10	4	685	689
11	4	680	684
12	3	686	689
13	0	718	718
14			718
15			711
16			701
17			655
18			684
19			694
20			681
21			679
22			689
23			694
24			671
25			667
26			662
27			658
28			662
29			662
30			662
31			662
Sept 1			667
2			654
3			650
4			645
5			645
6			639
7			645
8			645
9			645
10			645
11			635
12			650
13			650
14			654
15			656
16			662
17			656
18			656
19			654
20			671
21			669
22			667

Stored W. R. to Ashton	Date	Henrys Fork nr. Ashton Stored	Henrys Fork nr. Ashton Normal	Henrys Fork nr. Ashton Total	Sto
0	July 21	52	924	976	
0	22	53	902	955	
0	23	43	912	955	
1	24	35	964	999	
0	25	32	891	923	
0	26	29	894	923	
0	27	27	928	955	
0	28	25	951	976	
0	29	24	942	966	
0	30	26	905	931	
0	31	25	922	947	
1	Aug 1	22	954	976	
0	2	21	926	947	
0	3	22	917	939	
0	4	25	906	931	
0	5	17	898	915	
0	6	15	900	915	
0	7	12	903	915	
0	8	11	904	915	
0	9	10	905	915	
0	10	6	917	923	
1	11	4	919	923	
0	12	4	919	923	
0	13	2	929	931	
0	14	0	947	947	
	15			947	
	16			931	
	17			907	
	18			907	
	19			907	
	20			899	
	21			899	
	22			907	
	23			907	
	24			907	
	25			899	
	26			899	
	27			907	
	28			907	
	29			907	
	30			907	
	31			907	
	Sept 1			907	
	2			907	
	3			907	
	4			907	
	5			907	
	6			907	
	7			907	
	8			907	
	9			907	
	10			907	
	11			907	
	12			907	
	13			907	
	14			907	
	15			891	
	16			891	
	17			907	
	18			899	
	19			907	
	20			899	
	21			907	
	22			915	
	23			947	

Plate No. 21

...OW – HENRYS FORK – 1931 – IN SEC. FT.

...ow ...ay Total	Stored below diversion	Date	Henrys Lake Ac. Ft.	Henrys Fork nr Lake Stored	Normal	Total	Less Stored Lake to W.R.	Date	Henrys Fork at Warm River Stored	Normal	Total	Less Stored W.R. to Ashton	Date	Henrys Fork nr. Ashton Stored	Normal	Total	Diversions Ashton to St Anthony Stored	Normal	Total	Henrys Fork at St. Anthony Stored	Normal	Total	Diversions below St. Anthony Stored	Normal	Total	Stored Bal. below diver.
772	-113	July 18	5324	53	12	65	1	July 20	52	718	770	0	July 21	52	924	976	449	105	554	-397	859	462	56	321	377	-453
1032	0	19	5217	54	12	66	1	21	53	711	764	0	22	53	902	955	341	237	578	-208	701	493	0	375	375	-208
1091	0	20	5130	44	11	55	1	22	43	721	764	0	23	43	912	955	311	132	443	-268	730	462	0	395	395	-268
1039	0	21	5056	37	11	48	1	23	36	723	759	1	24	35	904	939	383	130	513	-348	872	524	107	381	488	-455
991	0	22	4993	32	11	43	0	24	32	727	759	0	25	32	891	923	367	-13	354	-335	901	566	119	384	503	-454
680	0	23	4933	30	11	41	1	25	29	711	740	0	26	29	894	923	256	72	328	-227	890	663	0	371	371	-227
687	-115	24	4880	27	11	38	0	26	27	708	735	0	27	27	928	955	260	51	311	-233	943	710			337	-233
603	-104	25	4828	26	11	37	1	27	25	710	735	0	28	25	951	976	223	89	312	-198	970	772			142	-198
601	-101	26	4781	24	11	35	0	28	24	711	735	0	29	24	942	966	204	66	270	-180	1005	825			241	-180
610	-113	27	4729	26	11	37	0	29	26	703	729	0	30	26	905	931	175	95	270	-149	932	783			242	-149
985	-115	28	4678	26	11	37	1	30	25	716	741	0	31	25	922	947	164	247	411	-139	869	730			285	-139
996	0	29	4633	23	11	34	0	31	23	718	741	0	Aug 1	22	954	976	136	283	419	-114	897	783			290	-114
934	0	30	4591	21	11	32	0	Aug 1	21	720	741	0	2	21	926	947	133	250	383	-112	864	752			284	-112
982	0	31	4545	23	11	34	1	2	22	707	729	0	3	22	917	939	141	244	385	-119	860	741			287	-119
848	0	Aug 1	4496	25	12	37	0	3	25	693	718	0	4	25	906	931	149	248	397	-124	834	710			286	-124
764	0	2	4463	17	12	29	0	4	17	689	706	0	5	17	898	915	183	237	420	-166	838	672	0	280	280	-166
948	0	3	4429	15	12	27	0	5	15	697	712	0	6	15	900	915	313	223	536	-248	864	566	107	266	373	-405
1076	0	4	4399	13	12	25	1	6	12	689	701	0	7	12	903	915	309	216	525	-247	806	509	123	277	400	-420
970	0	5	4374	11	12	23	0	7	11	690	701	0	8	11	904	915	272	250	522	-261	762	501	0	276	276	-261
931	155	6	4353	10	12	22	0	8	10	679	689	0	9	10	905	915	219	154	373	-209	817	608			302	-209
859	0	7	4334	6	12	18	0	9	6	689	695	0	10	6	917	923	186	154	340	-180	862	682			265	-180
848	38	8	4322	4	12	16	0	10	4	685	689	1	11	4	919	923	136	185	321	-132	824	692			254	-132
904	143	9	4315	4	12	16	0	11	4	680	684	0	12	4	919	923	121	197	318	-117	847	730			260	-117
857	7	10	4307	3	12	15	0	12	3	686	689	0	13	2	929	931	118	206	324	-116	888	772			255	-116
754	7	11	4302	1	12	13	1	13	0	718	718	0	14	0	947	947	115	219	334	-115	1021	906			258	-115
567	7	12	4300	0	12	12	0	14			718		15			947	115	216	331	-115	1021	906			258	-115
752	0	13	4300		11	11	0	15			712		16			931	114	217	331	-114	996	882			255	-114
590	0	14	4300		10	10		16			701		17			907	147	296	443	-147	899	752			187	-147
582	0	15	4300		11	11		17			695		18			907	147	299	446	-147	791	644			175	-147
537	0	16	4300		11	11		18			684		19			907	166	146	312	-166	980	814			357	-166
514	0	17	4300		12	12		19			684		20			899	148	202	350	-148	858	710			263	-148
580	-29	18	4300		12	12		20			684		21			899	127	221	348	-127	819	692			271	-127
485	-6	19	4300		11	11		21			678		22			907	123	226	349	-123	843	720			277	-123
477	6	20			11	11		22			689		23			907	122	197	319	-122	863	741			262	-122
454	8	21			11	11		23			684		24			907	122	201	323	-122	884	762			254	-122
457	34	22			11	11		24			678		25			899	0	319	319	0	772	772			254	0
511	-50	23			10	10		25			667		26			899	36	88	124	-36	896	860			434	-36
551	-160	24			10	10		26			662		27			907	43	284	327	-43	837	794			253	-43
589	-99	25			10	10		27			656		28			907	43	181	324	-43	784	741			257	-43
634	-130	26			10	10		28			662		29			907	25	307	332	-25	797	772			254	-25
534	-112	27			11	11		29			662		30			907	24	203	227	-24	872	848			462	-24
465	-5	28			12	12		30			662		31			907	26	295	321	-26	756	730			275	-26
524	-11	29			12	12		31			662		Sept 1			907	26	399	425	-26	788	762			262	-26
529	24	30			12	12		Sept 1			667		2			907	28	444	472	-28	720	692			258	-28
453	-174	31	4300		12	12		2			656		3			907	28	426	454	-28	729	701			262	-28
511	-273	Sept 1			14	14		3			650		4			907	90	234	324	-90	842	752			380	-90
469	-294	2			14	14		4			645		5			907	91	230	321	-91	843	752			384	-91
415	-428	3			14	14		5			645		6			907	92	241	333	-92	844	752			365	-92
496	-561	4			13	13		6			645		7			907	91	240	331	-91	773	682			250	-91
585	-687	5			13	13		7			645		8			907	98	241	339	-98	752	654			248	-98
565	-678	6			12	12		8			645		9			907	0	342	342	0	682	682			262	0
521	-635	7			10	10		9			645		10			907	14	315	329	-14	776	762			262	-14
516	-538	8			10	10		10			645		11			907	14	312	326	-14	828	814			261	-14
510	-517	9			8	8		11			645		12			907	14	312	326	-14	828	814			260	-14
545	-357	10			12	12		12			650		13			907	16	303	319	-16	830	814			263	-16
537	-314	11			10	10		13			650		14			907	26	329	355	-26	830	804			300	-26
533	-273	12			9	9		14			656		15			891	27	325	352	-27	810	783			301	-27
534	-251	13			9	9		15			656		16			891	28	318	346	-28	832	804			304	-28
500	-319	14			9	9		16			662		17			907	27	316	343	-27	831	804			304	-27
438	-357	15			9	9		17			656		18			899	27	310	337	-27	831	804			301	-27
434	-372	16			9	9		18			656		19			907	36	301	337	-36	840	804			304	-36
441	-308	17			9	9		19			656		20			899	19	300	319	-19	844	825			341	-19
432	-408	18			12	12		20			672		21			907	2	388	390	-2	817	825			297	-2
434	-466	19			15	15		21			667		22			915	2	385	387	-2	850	848			295	-2
450	-487	20	4300		18	18		22			667		23			947	0	381	381	0	794	794			295	0
437	-402	Total																								-18266
418	-418	Season		7195																						

DAILY STORAGE DELIVERIES FROM JACKSON LAKE & HENRYS LAKE TO HENRYS FORK CANAL

Second Feet except as noted

…SON LAKE & HENRYS LAKE TO HENRYS FORK CANALS 1931

Second Feet except as noted

12											21						324	20	38		106	23	22	23	116
13											21			78			315	21	38		91			23	138
14						120	111	19			20			80			330	21	39		100			0	130
15						120	111	18			20						249	20	40		100				138
16			132			120	111	17			20						380	20	35		102				139
17			137			118	115	1			16						371	20	40		100				142
18			74	58		118	123	0			5						320	74	40		102				135
19			71	65		114		20			5		48				210	118	42		106				142
20			134			120		20		10	5		48				284	53	41		103				146
21			134			120	73	15		10	4		46	46			398	51			98				142
22			56			120	55	16		5			46	34			291	50			56				139
23					40	120	55	17					47	32			264	47							56
24	15				40	121	65	19						27	96		383								0
25	15				40	121	52	20						27	92		367								0
26	15	4			40	131	27	19						20			256		41			66		66	41
27	15	4			40	139	28	18						16			260		8			111		111	8
28	15	4				141	27	20						16			223								
29	15	3				140	27	19									204								
30	15					140		20									175								
31	8					136		20									164								
Aug 1						136											136								
2						133											133								
3						122		19									141								
4						120		19				10					149								
5						124		19				40					183								
6						128	45	19				25		35	61		313					107		107	
7						128	55	20				14		32	60		309					123		123	
8						128	30	20				10		32	52		272								
9						128	30	20				9		32			219								
10						122	30							34			186								
11						121	15										136								
12						121											121								
13						118											118								
14						115											115								
15						115											115								
16						114											114								
17						135								12			147								
18						135								12			147								
19						135						19		12			166								
20						135						13					148								
21						127							16				127	16							
22						123							29				123	29							
23						122											122								
24						122											122								
25						0											0								
26						24								12			36								
27						25								18			43								
28						26								17			43								
29						25											25								
30						24											24								
31						26											26								
Sep 1						26											26								
2						28											28								
3						28											28								
4						90											90								
5						91											91								
6						92											92								
7						91											91								
8			26			72											98								
9																	0								
10			14														14								
11			14														14								
12			14														14								
13			14						2								16								
14			14				10		2								26								
15			15				10		2								27								
16			16				10		2								28								
17			15				10		2								27								
18			15				10		2								27								
19			16				16		4								36								
20			15				0		4								19								
21																	0								
22																	0								
23																	0								
Tot. s.f.	278	65	1546	288	486	8283	1524	468	20	86	214	140	649	2535	1356	1701	16787	2652	402	185	2362	1309	1413	1494	4177
" a.f.	552	129	3067	571	963	16430	3023	927	40	171	425	278	1287	5027	2690	3374	33297	5657	797	366	4685	2597	2803	2963	8285
a.f. Res. Rg.	595	140	3307	583	1038	17716	3258	1000	43	183	435	300	1313	5420	2900	3443	35900	5774	813	390	4781	2800	2860	3140	8454
a.f. " right	595	140	3307	583	1038	17716	3258	1000	43	183	435	300	1313	5420	2900	3443	35900	5774	813	390	4781	2800	2860	3140	8454
	(a)	(k)	(b)		(c)	(d)	(e)	(h)	(f)	(k)		(k)	(g)	(l)	(k)				(h)	(k)	(i)	(k)			

Note: (a). Purchased 720 ac ft. from Pool, less transfer 43 to Silkey and 82 to Fall River Canals.
(b). Purchased 3700 from Pool, less 393 Transferred to Fall River
(c). Purchased 1167 " " " 129 " " " "
(d) Am. Falls right 12,000; lease 5,500, purchase from Pool 570, carried for Canyon Creek 200 and for Siddoway 365 purchases from Pool, less 919 transferred to Fall River
(e) Purchased 1600 ac ft. from Pool plus transfers 393 from Marysville, 129 from Farmers Own, 82 from Conant Cr., 919 from Enterprise, 135 from Siddoway
(f) Transferred from Conant Creek
(g) Owned 1158; bought 155 from Egin
(h) Owned 968; sold 155 to Last Chance
(i) Owned 3813; bought 968 from St. Anthony Union
(k) Purchase from Pool
(l) Purchase 5000 from U.S. Govt. & 420 from Pool
All quantities referred to in above notes are at Reservoirs before deducting losses.

Plate 23

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	246140	287210	309520	327990	346650	361760	385150	420450	475450	463760	191640	36100
2	246550	288060	310170	328660	347080	362420	386030	422700	480490	458960	186470	35110
3	247170	288900	310810	329720	347740	362850	386700	424960	489010	451460	185500	31980
4	247790	289540	311450	330370	348170	363510	387360	427660	497550	443270	179990	29890
5	248410	290390	312100	331030	348620	363950	388030	430370	504700	433760	172590	29370
6	249030	291030	312740	331680	349260	364390	388690	433300	512130	422250	166150	28670
7	253170	291660	313170	332330	349700	364830	389360	436690	519100	410340	158050	26590
8	257300	292300	313810	332980	350360	365490	390240	440090	526070	398710	150380	24320
9	260610	292930	314460	333630	350890	366140	391350	442620	532130	387580	143100	22410
10	262470	293570	314890	334060	351450	367020	392010	444860	539620	375840	135550	20330
11	264970	294630	315530	334710	351890	367900	392680	446910	544300	364830	126120	18060
12	267260	295480	316390	335370	352550	368560	394020	449410	545470	355840	116250	16160
13	268740	296330	317250	336020	352990	369210	395140	451460	545230	347520	107510	14440
14	270210	295960	317680	336670	353640	370090	396480	454190	546870	340790	103100	13410
15	271460	297810	318320	337100	354300	370750	397820	457370	546170	334930	100170	12380
16	272510	298870	318750	337750	354960	371190	398940	459640	545230	328420	97420	11520
17	273560	299720	319390	338400	355620	371860	400060	462850	543830	317460	93940	10660
18	274400	300760	320250	339060	356280	372520	401620	466510	539850	306520	91920	9630
19	275650	301630	321110	339710	356930	373190	403410	469030	536340	295690	90820	8770
20	276700	302460	321750	340360	357370	373850	404530	464660	530490	283400	89170	7910
21	277750	303330	322400	341010	358030	374520	405640	459420	523520	270210	86090	7390
22	279000	304390	322830	341660	358690	375620	407210	456460	516310	257300	80490	7220
23	279840	305240	323470	342310	359130	376730	408780	455550	508640	246340	75790	6710
24	280890	306090	323900	342740	359570	377400	410120	454190	501470	235280	70720	6530
25	281730	306730	324530	343180	360000	378060	411010	455100	493860	226510	67870	6020
26	282770	307160	324970	343610	360440	378940	411910	459640	487160	219220	64480	5500
27	283610	307590	325400	344260	360880	379610	412800	464220	481640	213190	60920	5160
28	284450	308020	326050	344700	361320	380050	413920	466800	476140	205550	56280	4640
29	285300	308450	326480	345130	------	380720	416390	472470	471100	196570	51300	5160
30	285930	308880	326910	345560		381380	416640	473930	467200	194800	46200	4990
31	286570		327340	346000		382930		473840		192650	41800	

Mean Acceleration												

Daily discharge, in second-feet, of **Snake River near Moran, Wyoming**

for the year ending September 30, 19 25.

Plate 24

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	332	30	30	24	21	25	28	30	2560	3470	1340	2190
2	46	30	29	24	21	25	28	30	1580	3940	2220	1990
3	40	30	29	24	21	24	28	30	50	4990	2550	1640
4	36	32	29	24	21	24	28	36	38	5530	3600	798
5	35	32	29	24	21	24	28	30	36	6280	4000	706
6	35	32	29	24	21	24	28	30	30	6600	3960	1060
7	36	32	29	24	21	24	30	33	28	6660	4590	1320
8	39	32	29	24	21	24	33	32	28	6770	4160	1420
9	38	32	29	24	21	24	36	33	95	6680	3980	1320
10	39	32	29	24	21	24	38	30	246	6720	4530	1200
11	39	30	29	24	21	24	38	30	1500	6030	5390	1110
12	36	30	29	24	21	24	38	270	2610	4610	5040	1030
13	36	30	29	24	21	24	36	1280	2020	4460	4090	947
14	35	30	25	24	21	24	36	2050	1980	4030	2610	881
15	35	30	25	24	22	24	36	2630	2760	3840	2040	825
16	35	30	25	24	22	24	38	3460	2720	5300	2380	784
17	32	30	25	24	23	24	38	1050	3360	6480	1890	744
18	32	32	25	24	23	24	38	1210	3470	6420	1110	706
19	32	32	25	24	24	24	38	2880	4160	6580	1150	668
20	32	32	25	24	25	24	33	5390	5060	7110	1440	637
21	32	32	25	24	25	24	30	3470	4980	6920	2770	625
22	32	32	25	24	25	25	30	2570	5300	6730	3370	607
23	32	32	25	24	25	26	30	3030	5480	6440	3020	596
24	32	32	25	24	25	26	30	3510	5040	6040	2310	578
25	32	30	25	24	25	26	30	2570	5040	5530	1610	573
26	32	30	25	24	25	26	30	1510	4160	3680	2140	555
27	32	30	25	24	25	26	30	1220	4150	3900	2290	544
28	32	30	24	24	25	26	30	1510	3940	5850	2770	527
29	32	30	24	21		23	36	1840	2860	3430	2880	505
30	32	30	24	21		29	36	2590	2980	1980	2630	309
31	30		24	21		30		2590		1050	2440	
Mean	44.1	30.9	26.5	24.0	22.6	25.0	32.9	1520	2610	5230	2920	907
Acre-Feet	2710	1840	1630	1480	1260	1540	1960	93500	155000	322000	180000	54000

Year ~~1924~~ 1925

Mean 1,150

Acre-Feet 817,000

Daily discharge, in second-feet, of Snake River near Heise, Idaho for the year ending September 30, 19[illegible]

Plate 23

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3880	3360	2840			2250	2670	4370	9070	6140	4480	4200
2	3900	3350	2840			2180	3140	4300	9960	6270	3900	4550
3	3800	3330	2840			2250	2910	4500	10900	6820	4570	4320
4	3620	3200	2840			2250	2660	4870	9930	7880	4750	4130
5	3540	3160	2810		2400	2220	2620	4960	9350	8390	5960	3680
6	3480	3150	2810			2220	2710	5100	9000	9000	6570	3180
7	3540	3140	2710			2220	3090	5380	9100	9500	6600	3130
8	4590	3110	2710			2220	3840	5500	9180	9530	7070	3360
9	5080	3090	2710			2220	4200	5220	9420	9570	6380	3520
10	5380	3070	2590		2410	2190	3840	4820	9350	9460	6730	3500
11	5220	3050	2510		2530	2250	3760	4550	8360	9420	6760	3420
12	5130	3040	2510		2250	2250	3920	4550	8830	8830	7720	3330
13	4960	3090	2510		2180	2280	4260	4910	9750	7390	7620	3250
14	4570	3180	2350		2100	2250	4460	6540	9100	7100	7260	3180
15	4390	3090	3510	2200	2100	2250	4260	8520	8730	6680	5880	3130
16	4240	2980	3510		2100	2220	4070	10300	9780	6220	4940	3110
17	4050	2950	3660		2100	2250	4110	12100	9820	7330	5030	3070
18	3960	2930	2510		2180	2280	4370	9780	10200	8730	4870	3020
19	3910	2940	2670		2330	2330	4430	8530	9240	8760	4130	3000
20	3940	2940	2510		2320	2410	4300	7940	9350	8790	3840	3000
21	3880	2940	2670		2330	2490	3990	10800	9930	9280	3880	3020
22	3820	2950	2510		2330	2660	3800	8790	10000	9180	4520	3070
23	3740	2890	1500		2250	2740	3720	7240	9930	9040	5600	3070
24	3660	2880			2250	2600	3540	7780	10200	8790	5450	3070
25	3720	2870			2330	2570	3440	9890	9530	8390	5060	3050
26	3740	2860			2330	2600	3350	10400	9460	8160	4070	3000
27	3660	2850	2500		2250	2570	3310	9420	8520	6410	4240	2950
28	3600	2840			2250	2410	3360	9180	8360	6190	4370	2890
29	3460	2840				2410	3760	8930	8160	6360	4840	2860
30	3380	2840				2410	4410	8100	7100	6570	5100	2600
31	3330					2470		8520		5460	5030	

Mean	4040	3020	2570	2200	2300	2380	3680	7280	9320	7920	5400	3310
Acre-Feet	248000	180000	158000	135000	128000	144000	219000	448000	555000	487000	332000	197000

Year Mean 4,460

Acre-Feet 3,230,000

Plate 24

Daily discharge in second-feet of Snake River near Shelley, Idaho

For the year ending September 30, 1929

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2210							3030	3800	2020	2260	1800
2	2470							2900	3920	1440	1680	1780
3	2740							2670	4480	1230	1390	1910
4	2740							2880	5070	1620	1050	2000
5	2600							3050	3850	2670	785	1940
6	2670							3240	3180	2900	775	1510
7	2650							3280	2600	2600	1260	978
8	2700							3640	2500	2680	1340	686
9	3590							3520	2340	2680	1560	544
10	3920							3070	2390	2700	1960	499
11	5100							2680	2580	2680	2390	650
12	5120							1940	2370	2770	2960	690
13	5140							1320	2840	2600	3730	795
14	5160							650	4380	2240	3300	890
15	4960							890	4220	2310	2940	1140
16	4680							3320	3870	2300	2150	1400
17	4540							5180	3520	1950	2040	1500
18	4450							6380	3370	2070	1750	1550
19	4590							4450	2830	2140	1470	1600
20	4540							2670	2280	2140	1340	1480
21	4400							2120	2120	2160	1390	1200
22	4300							4560	2530	2500	1400	1140
23	4200							3750	2670	2550	1480	999
24	4140							3130	2670	2480	2140	1050
25	4070							3430	2960	2570	2070	992
26	4020							4120	2770	2250	1630	1020
27	4170							4650	2700	2450	1600	1040
28	4070							3900	2720	2370	999	964
29	4000							3640	2880	2370	957	914
30	3900							3660	2530	2650	1070	865
31	3800						3030	3370		2830	1670	
Mean	3920							3,260	3,100	2,350	1,770	1180
Acre-Feet	241,000							200,000	184,000	144,000	109,000	70,200

Year or Period

Mean

Acre-Feet

Snake River at Blackfoot Bridge near Blackfoot, Idaho

Plate 27

Day	Oct	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	414							1550	13	213	110	12
2	587							1420	265	592	99	0
3	959							1250	378	362	90	0
4	1330							1270	1100	278	0	0
5								1390	667	44	0	0
6								1430	37	89	0	0
7								1480	4	60	0	14
8								1930	15	5	2	0
9								1550	294	2	17	0
10								1050	531	0	8	0
11								475	483	3	74	0
12								134	254	12	75	0
13								0	67	140	442	0
14								0	405	184	536	0
15								0	744	100	254	22
16								496	348	174	62	67
17								1300	213	115	127	0
18								2670	230	57	435	0
19								1610	67	45	167	0
20								364	0	72	35	0
21								0	0	89	0	0
22								740	16	33	0	180
23								1320	230	3	0	14
24								584	137	27	14	145
25								571	263	146	42	190
26								656	215	127	63	14
27								896	34	67	2	64
28								666	10	130	43	19
29							1200	270	60	17	0	0
30							1280	236	67	52	43	0
31								133		167	10	

Mean	822	Mean	1240	885	242	111	96.0	25.7
Acre-Feet	6520	Acre-Feet	4920	54400	14400	6820	5900	1530

XXXXX XXX Period

Mean

Acre-Feet

... of Blackfoot River near Blackfoot, Idaho ... for the year ending September 30, 19 32

Plate 28

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								283	0	0	151	0
2								367	0	0	148	0
3								343	0	0	167	0
4								319	0	0	176	0
5								295	0	0	198	0
6								271	0	0	212	0
7								246	0	13	206	0
8								246	0	50	181	0
9								84	0	30	151	0
10								176	0	47	130	0
11								205	0	51	138	0
12								102	0	80	138	0
13								16	0	85	171	0
14								12	0	73	191	0
15								12	0	65	220	0
16								17	0	74	228	0
17								22	34	45	235	0
18								43	123	17	244	0
19								16	0	28	226	0
20								3	0	32	220	0
21								0	0	22	210	22
22								1	0	17	206	24
23								28	0	5	206	33
24								14	0	0	219	34
25								8	0	0	242	43
26								8	0	0	235	58
27								8	0	0	96	78
28								8	0	0	27	50
29							246	21	0	1	18	37
30							215	0	0	123	4	72
31								0		132	0	
Mean							230	102	5.2	31.9	168	15.0
Total							913	6270	309	1960	10300	895

Period

Mean Acre-Feet 20,600

Plate 29

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	832	3620	2620	1090	2400	2470	2510	1780	233	172	359	150
2	1100	3560	2710	1080	2340	2510	2730	1900	201	409	394	161
3	1440	3640	2650	1200	2290	2540	3090	1740	303	430	446	149
4	1660	3640	2700	1400	2300	2620	3430	1690	920	344	344	152
5	1890	3660	3140	1430	2350	2650	2980	1740	969	257	335	144
6	2010	3620	3230	1510	2300	2620	2750	1820	299	195	344	152
7	2110	3580	3200	1780	2320	2470	2900	1710	176	195	340	147
8	2200	3520	2970	1860	2320	2290	2970	1780	166	212	317	141
9	2470	3490	2730	1790	2360	2380	3040	1820	209	189	308	141
10	3660	3430	2490	1860	2430	2360	3660	1530	463	195	269	141
11	4440	3410	2360	1930	2430	2430	3540	1140	526	199	286	139
12	4690	3430	2300	1960	2380	2600	3410	667	373	219	281	136
13	4800	3410	2510	1980	2410	2570	3430	257	223	223	309	152
14	4780	3510	2650	1980	2430	2630	3540	169	312	215	730	140
15	4570	3620	2780	2000	2460	2540	3850	152	779	209	551	163
16	4380	3720	2830	2110	2430	2570	3900	175	515	219	452	182
17	4240	3730	2870	2100	2430	2630	3660	1090	383	226	404	159
18	4020	3640	2730	2070	2470	2820	3340	2380	388	212	526	152
19	4020	3620	2540	2120	2510	2880	3090	1940	269	189	486	182
20	4060	3160	2470	2180	2460	3070	3290	695	169	182	383	200
21	3870	2880	2520	2220	2440	3090	3160	212	149	179	359	210
22	3750	2760	2510	2170	2490	2950	3050	474	147	173	344	235
23	3680	2710	1910	2040	2510	2900	2900	1650	149	152	344	226
24	3600	2460	1640	2000	2400	2930	2620	594	165	146	354	240
25	3640	2320	1460	1980	2280	2920	2510	582	179	155	383	265
26	3610	2490	1350	2160	2280	2780	2340	653	344	155	380	265
27	3900	2650	1400	2170	2430	2590	1900	936	201	152	361	290
28	3890	2730	1280	2110	2430	2550	1580	920	175	163	185	261
29	3790	2680	1230	2220		2550	1520	544	172	166	169	237
30	3750	2670	1200	2280		2470	1450	594	179	201	158	253
31	3680		1170	2360		2410		344		217	155	
Mean	3380	3240	2330	1910	2400	2640	2940	1080	325	214	354	187
Acre-Feet	206000	193000	143000	117000	133000	162000	175000	66400	19300	13200	21800	11100

Year Mean 1,740

Acre-Feet 1,260,000

Plate 20

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	556200	843090	932090	930880	1079490	1279110	1456250	1505980	1141380	770380	326680	54950
2	554990	847280	930480	930480	1087150	1265440	1457810	1496550	1127550	755960	313970	49720
3	572660	854520	929260	930070	1094370	1291770	1464090	1486080	1111950	737580	302020	46240
4	581940	860620	927650	929260	1102930	1298590	1469330	1477180	1101130	722830	292650	43790
5	591220	866810	926430	928860	1112400	1306400	1475090	1466280	1088510	711030	284860	42460
6	597790	875080	927250	928860	1120630	1313330	1480850	1459900	1076780	699750	276400	41260
7	606540	881360	929670	930070	1127080	1320750	1484510	1449360	1064310	685070	267410	39700
8	613100	887630	932900	934520	1134920	1328180	1489750	1439790	1051980	670030	261780	38320
9	621060	891950	933310	938970	1142760	1333620	1497600	1431050	1037460	655750	254650	36940
10	629440	898220	933710	942630	1151520	1341050	1506500	1421790	1023020	638780	248010	32710
11	636140	902170	932900	946810	1158890	1347980	1514440	1410480	1011860	623960	240640	28960
12	650770	905400	930680	952650	1165900	1354410	1522960	1396780	998550	610920	234330	26840
13	662730	907430	929670	956070	1172960	1360960	1524030	1385670	986530	597470	228470	26180
14	673350	913090	928050	964330	1179550	1371550	1530420	1371550	973930	582550	222760	27330
15	681990	913090	927250	970180	1185680	1379120	1538930	1357940	962660	568620	217670	28060
16	693950	919150	926430	975600	1192270	1386180	1546920	1346490	950150	553220	210550	28960
17	708980	924820	926030	981030	1199330	1392730	1551710	1321350	937350	538850	199130	29280
18	720020	928450	925620	986250	1205920	1399290	1550110	1317780	926040	523070	187090	29610
19	731610	931290	926430	993830	1212110	1403320	1548520	1307880	914300	508830	175830	29860
20	743200	933310	927250	1001560	1219300	1408430	1553840	1296640	902980	494100	165400	30020
21	753070	933510	928050	1010140	1225540	1414600	1547990	1282520	891950	479720	155220	29040
22	764610	932900	929670	1016150	1232250	1416650	1544790	1268400	881360	464630	147640	28710
23	775430	932090	930480	1022590	1239440	1423850	1543190	1256710	867240	451440	140870	27330
24	784450	932500	930070	1026890	1245680	1428480	1543190	1247600	857570	437290	133270	28060
25	791420	931290	932090	1033490	1252390	1431560	1543190	1233210	846900	422830	123780	30590
26	803280	931290	934520	1040540	1258660	1444430	1542660	1216900	835460	409330	111280	32880
27	814390	930680	932900	1046700	1265960	1442360	1539470	1204040	827460	394460	104320	34360
28	825550	930480	931690	1053300	1272780	1444930	1534140	1191800	811800	380600	94640	36110
29	835080	930480	931290	1059020	———	1446480	1525620	1180030	798090	365840	85050	37400
30	838130	931690	931290	1066190		1449360	1515510	1167310	783360	353130	74400	39330
31	840620		931290	1071820		1449360		1154280		339020	64390	

Mean													
Acre-Feet													

Year or Period

Mean

Acre-Feet

1	2220	5180	4420	4390	1240	1970	3960	9430	9470	10200	9510	6390	
2	140	4300	6230	4420	1240	1990	3960	9430	9590	10600	9430	5010	
3	140	2530	6230	4420	1190	1990	3960	9430	9890	10800	8070	4240	
4	140	2690	6160	4420	1190	1930	3180	9430	9630	9890	7180	3780	
5	140	2710	6160	4420	1190	1800	2890	9100	9060	9340	7140	3380	
6	1910	3460	6050	4450	1240	1780	2860	8820	9220	9760	7110	3380	
7	1910	3460	5590	4240	1220	1800	2430	8820	9220	10100	6770	3430	
8	1910	3460	4170	2240	1220	1800	2080	9220	9260	10100	6410	3380	
9	1910	3290	5620	2150	1220	1800	2080	9430	9430	9840	6410	4240	
10	1910	3660	5180	2080	1220	1800	1930	9390	9550	9760	6310	4910	
11	1930	4200	5280	2080	1220	1820	1910	9430	9550	9970	6200	4390	
12	2060	4200	6310	1760	1610	1820	2990	9680	9550	10000	6160	3640	
13	2060	4840	6270	1760	1840	1800	3410	9840	9550	10100	6160	2710	
14	2060	4940	6230	1760	1840	1800	2780	10100	8900	10100	6130	2530	
15	1800	5110	6160	1760	1930	1910	2780	10200	8580	10300	6130	2660	
16	1400	5180	5870	1760	1930	1890	3160	10300	9140	10300	7870	2730	
17	1370	4550	6230	1760	1930	2040	4140	10300	9340	10200	9100	2760	
18	1240	4940	6270	1780	1930	2780	5590	10200	9220	10200	9060	2780	
19	1240	5420	5770	1800	1950	3180	6630	10100	8740	10200	8620	2780	
20	1240	6050	5730	1800	1970	3640	6560	10100	8540	10300	8540	3350	
21	1250	6230	4970	1800	1970	3610	7030	10100	8300	10100	7950	3640	
22	1250	5910	4710	1800	1970	3720	7480	9680	8380	10100	6520	3690	
23	1250	5590	5070	1800	1910	3610	6590	8980	8900	10100	6770	3390	
24	1280	5210	5070	1800	1890	3610	5950	9020	8820	9930	7290	2530	
25	1300	6050	4840	1800	1910	3660	5950	9180	8780	9930	7520	2150	
26	1310	5620	2290	1800	1930	3610	5950	9470	9060	9590	7910	2120	
27	1310	5560	4170	1800	1930	3690	6700	9970	9550	10000	7910	2170	
28	1310	5240	5010	1800	1950	3780	7870	10000	9680	10300	7760	2260	
29	2410	5700	4390	1820		3960	9060	9890	9890	10100	7720	2290	
30	3240	5520	4390	1840		3990	9430	9680	10100	9760	7680	2310	
31	3210		4390	1840		4020		9590		9680	7720		

Mean	1670	4700	5330	2420	1640	2660	4710	9620	9230	10100	7450	3300
Acre-Feet	103000	280000	328000	149000	91100	164000	280000	592000	549000	621000	456000	196000

YEAR TO DATE — MEAN 5,260 — ACRE-FEET 3,810,000

PERIOD — MEAN 369 — ACRE-FEET 413000

Daily discharge, in second-feet, of Lake Walcott near Minidoka, Idaho for the year ending September 30, 19 24

Plate 37

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	95550	63040	72050	69190	53970	39750	80040	93670	96390	92860	94950	37060
2	90990	64470	72720	69410	52570	39960	82640	93900	95910	93440	94020	37160
3	85870	63260	73170	69410	51060	40380	85870	94140	95310	93090	92620	36230
4	81280	62380	73170	69410	49680	40490	88900	95430	95550	94950	88780	34980
5	76660	59670	73170	69410	48410	40590	89830	95910	96150	94020	84240	33740
6	72050	59130	72720	69190	47250	40380	90880	96030	95670	95550	78920	32080
7	71390	59770	71280	68530	45980	40170	92620	93440	95310	96150	73390	30420
8	70290	59990	70510	66990	44820	39960	92860	93550	94490	96870	67980	28780
9	69190	59990	71170	66440	43550	39860	93670	93550	94020	96870	62380	27150
10	68530	59990	70950	66110	42280	39750	94370	93200	93320	94720	56760	26340
11	66990	61940	71610	65890	40800	39960	94370	92970	93440	94950	51170	26550
12	66110	63260	72260	65230	39650	39960	94720	93090	93900	95070	45450	24920
13	65230	67650	72260	64690	39440	40380	95070	93320	94840	94720	40380	22280
14	64360	73280	72720	64030	39340	40800	95910	92620	95180	94720	34980	19140
15	61940	76100	72050	63480	39130	41230	94950	93090	94720	94250	29590	18650
16	61500	75650	72260	62820	39030	41650	93670	92620	92160	94840	25230	19040
17	61280	76100	72600	62160	39130	42070	92270	90410	95790	94840	24920	18850
18	60850	75980	72260	61720	39230	43450	90990	91810	95910	94600	26340	17260
19	60420	76550	71830	61060	39340	45670	90060	92160	96150	94020	26340	16070
20	60420	76060	71060	60420	39650	48200	92620	92740	96750	94370	26340	16470
21	59880	77900	70950	59560	39750	51490	91230	94020	96270	94370	25530	16070
22	59560	77680	70400	58910	39860	53210	92860	95180	95430	94720	24820	18150
23	59340	77680	70510	58270	39860	56440	93550	95430	94250	95070	23800	17460
24	58480	76210	70730	57840	39750	59560	92970	95180	94250	94720	24010	17260
25	57190	74520	69410	57410	39750	59670	92390	94250	93790	94600	25530	17860
26	56980	72720	67870	57190	39650	64260	91690	93790	92860	94840	26550	17260
27	56230	72160	69850	56870	39750	66000	90760	93790	92510	94950	32290	16670
28	55790	71390	70620	56440	39550	68530	90640	94720	91690	95430	34880	16670
29	55360	72050	70510	56120		71170	91690	95430	91460	96390	35190	15580
30	57840	71390	69630	55690		74180	93090	95910	91810	95910	35400	17060
31	60630		69410	55040		76440		96150		95670	35920	

Mean												
Acre-Feet												

Year or Period _____ Mean _____ Acre-Feet _____

Daily discharge, in second-feet, of North Side Canal near Minidoka, Idaho for the year ending September 30, 19 34

Plate 33

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	557	401				0	208	1530	1190	1500	1360	0
2	547	366				0	210	1510	1310	1570	1230	0
3	536	366				0	274	1510	1450	1590	1160	0
4	531	364				0	276	1220	1510	1590	1180	0
5	531	359				0	276	1280	1550	1590	1190	0
6	520	359				0	327	1230	1600	1560	1180	0
7	532	358				0	362	1180	1600	1570	1180	0
8	518	359				Dry	390	1130	1600	1590	1170	0
9	456	359				0	425	1180	1600	1590	1160	0
10	445	359				0	464	1220	1600	1580	1160	0
11	442	359				0	484	1260	1600	1590	1160	0
12	440	362				0	486	1400	1550	1590	1160	0
13	440	370				0	549	1480	1500	1590	1160	0
14	439	374				0	676	1520	1510	1590	1150	0
15	430	386				0	814	1580	1430	1590	1130	80
16	430	342				25	925	1600	1460	1590	1060	734
17	428	269				50	1030	1580	1540	1590	1060	941
18	426	269				50	1150	1520	1520	1590	1080	912
19	422	269				87	1190	1490	1520	1590	1080	883
20	420	269				89	1210	1410	1520	1590	1080	886
21	418	271				30	1320	1250	1500	1590	1060	735
22	416	271				0	1040	1160	1440	1590	1050	925
23	416	271				0	572	1060	1330	1590	1040	826
24	413	268				45	996	1110	1230	1590	1040	482
25	410	268				90	960	1220	1230	1590	1070	404
26	410	267				92	958	1370	1250	1590	0	457
27	408	267				140	1130	1210	1440	1590	0	340
28	406	122				151	1360	1090	1470	1590	0	0
29	403	0				153	1480	1100	1470	1560	0	0
30	413	0				156	1530	1100	1470	1480	0	0
31	416					205		1100		1390	0	
Mean	455	297				44.2	769	1300	1470	1570	915	287
Acre-Feet	27900	17700	0	0	0	2720	45800	79900	87500	96500	56300	17100

Average Discharge for Year Mean 596

Acre-Feet 431,000

Daily discharge, in second-feet, of South Side Minidoka Canal near Minidoka, Idaho, for the year ending September 30, 19 31.

Plate 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	347						0	1080	1000	1140	1120	654
2	340						0	1060	1070	1140	1120	641
3	311						0	1040	1110	1150	1100	641
4	292						0	1030	1140	1140	1110	711
5	286						0	971	1150	1110	1120	736
6	280						0	962	1140	1120	1120	733
7	290						Dry 0	986	1130	1130	1110	725
8	287						0	968	1150	1140	1120	709
9	287						0	962	1150	1140	1070	665
10	200						0	971	1160	1140	902	633
11	345						0	977	1160	1150	812	641
12	299						0	986	1160	1150	820	631
13	298						0	1030	1120	1150	817	536
14	296						0	1060	1160	1150	806	501
15	148						0	1080	1160	1150	799	505
16	0			Canal Dry during winter months			150	1090	1160	1170	755	272
17	0						300	1100	1160	1170	756	220
18	0						304	1100	1160	1170	778	324
19	0						307	1100	1160	1160	761	345
20	0						391	1110	1170	1160	758	326
21	Dry						550	1080	1160	1160	756	233
22	0						633	983	1120	1160	758	247
23	0						668	962	1140	1160	733	281
24	0						673	1000	1150	1160	736	356
25	0						700	1030	1140	1160	772	426
26	0						764	1030	1150	1150	795	421
27	0						837	1030	1150	1150	789	419
28	0						890	1030	1150	1160	775	419
29	0						977	986	1140	1160	764	413
30	0						1030	977	1130	1150	700	426
31	0							986		1140	659	
Mean	139						306	1020	1140	1150	871	493
Acre-Feet	8550						18200	62700	67800	70700	53600	29300

Mean 430

Acre-Feet 311,000

Daily discharge in second-feet, of Snake River near Minidoka, Idaho

for the year ending September 30, 1928.

Plate 35.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2280	3440	5440	4730	1910	1860	2040	6320	7370	6820	7340	6740
2	2160	3440	6000	4730	2020	1900	2110	6410	7480	6880	7340	4990
3	2040	3420	6240	4680	2070	1850	1910	6380	7400	7570	7370	4410
4	1950	3420	6190	4520	2050	1920	1800	6540	6660	7020	7310	3620
5	1770	3420	6220	4500	2030	1910	1660	6540	6350	6060	7130	3420
6	1950	3050	5920	4410	2000	1900	1520	6680	6490	6110	7310	3440
7	1940	2900	5210	3270	2020	1910	1320	7110	6540	6910	7370	3460
8	1850	2870	4750	2680	1960	1850	1210	7160	6570	7050	7310	3580
9	2020	2870	5280	2380	2030	1920	1140	7050	6740	7080	7280	3660
10	1850	2890	5210	2300	1990	1850	1060	6940	6800	7080	7160	4680
11	2020	2890	5480	2140	1990	1810	1180	6940	6570	7110	7160	4470
12	1920	2310	5710	2150	1990	1800	1560	6990	6320	7220	7110	4230
13	1870	1690	5970	2160	2040	1750	2120	7250	6350	7050	7050	4100
14	1920	2140	5920	2220	2040	1720	2260	7340	6220	7050	7140	3360
15	2090	3760	5690	2250	1960	1610	2370	7340	5240	7020	7140	2120
16	1540	4730	5790	2250	2040	1940	2540	7370	5560	7050	7110	1870
17	1490	4660	6030	2210	2040	2190	2980	7740	5970	7110	7160	1900
18	1380	4630	5870	2070	1980	2190	3720	7660	5890	7160	7140	1940
19	1230	4820	5280	2190	2030	1780	4820	7450	5480	7190	7020	2050
20	1420	5110	4820	2270	2040	1740	4750	7280	5310	7110	6990	2250
21	1350	5970	4700	2580	2030	1990	5040	6990	5510	7020	6910	2870
22	1360	5890	4590	2180	1920	2190	5440	6990	5640	6990	5340	2480
23	1390	5610	5240	2120	2000	2160	4470	7080	6160	7080	5140	2150
24	1400	5820	5160	2070	1990	2080	4160	7140	6270	7250	5140	1870
25	1670	6630	4850	1980	2030	2210	4590	7250	6200	7190	5160	1720
26	1400	5920	4750	1980	1990	2120	4500	7460	6410	6580	5180	1770
27	1450	5610	4820	1990	2040	2040	4540	7570	6630	6680	5740	1830
28	1500	5210	4630	2050	1980	2080	4850	7370	6850	7190	6880	1870
29	2550	5710	4870	2080		2110	5380	7220	6880	7110	7190	1950
30	3420	5210	4900	2050		2050	6160	7190	6680	7140	7220	1880
31	3440		4750	2070		1990		7250		7370	7080	

Mean	1880	4200	5370	2680	2010	1950	3110	7100	6360	7000	6800	3020
Acre-Feet	114000	250000	330000	165000	112000	120000	185000	437000	378000	430000	418000	180000

Year [illegible] Mean 4310

Acre-Feet 3,120,000

Plate 31.

Daily discharge, in second-feet, of Lake Alice at Hilger, Idaho for the year ending September 30, 19[illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10.09	6.68	7.60	7.65	7.66	7.78	9.76	11.00	10.93	10.69	10.67	10.51
2	9.85	7.20	7.88	7.56	7.64	7.68	9.73	10.97	10.96	10.61	10.70	10.70
3	9.99	7.56	7.84	7.68	7.66	7.60	10.18	10.87	10.94	10.37	10.70	11.01
4	9.98	8.04	7.76	7.72	7.72	7.34	10.16	10.94	11.14	10.82	10.60	11.00
5	9.94	9.60	7.60	7.68	7.78	7.77	10.14	10.90	11.93	10.53	10.61	10.79
6	9.84	10.43	7.60	7.72	7.73	7.65	9.92	10.94	10.87	10.70	10.56	10.59
7	10.01	10.22	7.50	7.63	7.65	7.56	9.58	10.48	10.98	10.67	10.54	10.36
8	10.10	10.07	7.50	7.64	7.69	7.46	9.30	11.09	10.97	10.74	10.58	10.07
9	10.00	9.85	7.77	7.56	7.66	7.56	9.32	11.05	10.87	10.78	10.62	10.01
10	9.95	9.87	7.82	7.54	7.68	7.77	9.18	11.08	10.93	10.68	10.65	9.90
11	9.82	9.83	7.68	7.65	7.67	7.66	8.96	11.00	11.05	10.73	10.62	9.99
12	9.86	9.80	7.82	7.66	7.72	7.45	8.94	10.94	11.01	10.84	10.61	9.92
13	9.92	9.64	7.67	7.60	7.70	7.48	8.91	10.95	10.96	10.88	10.65	9.90
14	9.90	9.66	7.79	7.67	7.72	7.42	9.32	10.91	10.95	10.82	10.67	9.94
15	9.78	9.84	7.65	7.68	7.73	7.32	9.48	10.93	10.84	10.79	10.70	9.95
16	9.80	9.99	7.59	7.65	7.60	7.09	9.68	10.90	10.60	10.79	10.67	10.02
17	9.88	9.61	7.58	7.64	7.72	7.32	9.78	10.65	10.92	10.80	10.66	9.99
18	9.81	9.64	7.89	7.67	7.68	7.62	9.66	10.81	10.87	10.77	10.68	9.86
19	9.63	9.65	7.74	7.58	7.50	7.90	9.58	11.07	10.76	10.77	10.75	9.65
20	9.50	9.71	7.56	7.58	7.68	8.03	10.64	11.12	10.68	10.86	10.66	9.75
21	9.40	9.71	7.66	7.68	7.77	8.23	10.56	11.13	10.71	10.83	10.60	9.88
22	9.34	8.98	7.64	7.93	7.79	7.68	11.02	11.00	10.78	10.78	10.54	10.19
23	9.34	8.36	7.58	7.87	7.72	8.38	10.89	10.88	10.67	10.73	10.65	10.02
24	9.33	7.83	7.95	7.60	7.68	8.72	10.64	10.84	10.83	10.68	10.68	9.86
25	9.24	7.93	7.96	7.51	7.64	8.35	10.74	10.78	10.80	10.67	10.70	9.92
26	9.16	7.82	7.51	7.68	7.71	9.23	10.83	10.80	10.75	10.68	10.50	9.88
27	9.21	7.52	7.88	7.78	7.51	9.32	10.83	10.96	10.75	10.68	10.73	9.88
28	9.03	7.55	8.02	7.67	7.78	9.40	10.83	11.04	10.71	10.77	10.54	9.90
29	7.04	7.90	7.92	7.59	----	9.47	10.84	11.09	10.74	10.69	10.44	9.79
30	6.32	7.96	7.93	7.54		9.76	11.00	10.98	10.67	10.65	10.45	9.95
31	6.44		7.72	7.60		9.76		10.93		10.53	10.40	

Mean Acre-Feet												

6-719

Year or Period _____ Mean Acre-Feet _____

Daily discharge, in second-feet, of P. A. Lateral Near Milner, Idaho for the year ending September 30, 19 28

Plate 37

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0					0	60	60	61	62	61
2		0					0	60	60	61	62	61
3		0					0	59	61	61	62	62
4		0					0	60	61	61	62	62
5		0					0	60	61	61	62	63
6		0					0	60	61	61	62	63
7		0					0	60	61	61	62	63
8		0					0	59	61	62	62	63
9		0					0	59	61	62	62	63
10		0					0	60	61	62	62	61
11		0					0	59	61	62	62	57
12		0					0	59	61	62	62	52
13		0					0	60	61	62	62	47
14		0					0	60	61	61	62	47
15		0					0	59	61	61	62	47
16	Dry	0	Dry during Winter months				6	59	61	61	62	0
17		0					15	59	61	62	62	0
18		0					19	59	61	62	62	0
19		0					35	60	61	62	62	0
20		6					35	60	0	62	61	0
21		13					30	60	0	62	61	0
22		13					32	59	0	62	61	0
23		13					35	59	0	62	61	0
24		13					41	60	62	61	62	0
25		13					48	60	62	61	62	0
26		7					48	60	61	62	62	0
27		0					48	60	61	62	61	0
28		0					53	61	61	62	61	0
29		0					57	61	61	62	61	0
30		0					57	60	61	62	61	0
31								60		62	62	
Mean		2.6					18.6		52.9	61.6	61.7	29.1
Acre-Feet		155					1110		3150	3790	3790	1730

Year or Period Mean 24.0

Acre-Feet 17,400

Daily discharge, in second-feet, of Milner Low Lift Canal near Milner, Idaho, for the year ending September 30, 1921.

Plate 38

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							0	84	135	148	162	98
2							0	84	138	154	164	99
3							0	85	135	159	164	101
4							0	88	140	158	152	101
5							0	89	140	158	145	100
6							0	90	128	160	149	100
7							0	26	125	153	162	100
8							0	96	124	58	162	82
9							0	119	123	158	163	80
10							0	118	123	158	161	103
11							0	135	122	158	160	93
12							0	140	123	160	146	85
13							0	140	122	160	146	63
14							25	149	134	162	147	49
15							25	157	138	163	146	49
16							25	157	91	163	145	49
17							24	158	132	165	142	53
18							36	158	132	162	90	49
19							39	158	134	163	93	52
20							40	126	135	167	90	51
21							36	141	111	167	81	55
22							21	142	132	164	109	55
23							0	141	139	163	115	52
24							0	137	139	164	113	49
25							0	138	140	166	116	47
26							0	128	140	163	117	46
27							49	133	0	164	116	15
28							80	135	98	160	114	0
29							81	136	130	166	110	0
30							82	135	133	162	106	0
31								135		164	101	
Mean							563	124	124	158	132	62.5
Acre-feet							1120	7620	7380	9720	8120	3720

Year Mean 52.1
Acre-Feet 37,700

Daily discharge, in second-feet, of Gooding Canal At Hilmor, Idaho for the year ending September 30, 1935

Plate 39

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	405	192	135		0	60	450	735	1070	980	1530	1440
2	405	192	175		0	60	450	735	1090	979	1560	1460
3	405	192	175		0	90	478	753	782	923	1590	1420
4	576	192	175		0	107	478	770	320	1010	1590	1400
5	576	192	225		0	126	478	774	694	376	1610	1370
6	576	192	225		0	118	478	763	772	0	1600	1360
7	596	192	225		0	150	598	763	790	574	1610	1360
8	623	192	300		0	153	762	806	852	854	1610	1380
9	623	192	300		0	182	853	787	925	885	1580	1390
10	623	192	325		0	223	853	787	906	887	1580	1400
11	623	245	325		0	228	426	818	910	887	1580	1420
12	623	245	325		0	229	0	841	920	905	1580	1400
13	623	190	325		0	228	0	853	919	992	1570	1410
14	623	190	325		0	242	0	862	933	1500	1570	1300
15	623	220	325		0	248	0	871	232	1500	1580	775
16	623	220	325		0	245	8	835	0	1540	1580	410
17	623	220	325		20	238	79	865	337	1530	1580	410
18	638	220	325		40	270	199	884	780	1530	1580	412
19	638	220	325		40	285	199	898	824	1530	1590	136
20	638	220	122		40	285	372	926	840	1540	1580	0
21	638	220	0		40	295	468	943	848	1500	1570	0
22	638	220	0		47	295	608	954	903	1530	1580	0
23	638	220	0		50	332	622	972	907	1530	1550	0
24	638	220	0		50	350	622	979	938	1530	1550	0
25	638	220	0		50	355	650	967	918	1530	1550	0
26	638	220	0		50	375	650	974	935	744	1520	0
27	638	220	0		57	410	650	970	920	640	1500	0
28	639	220	0		60	410	650	985	918	1220	1510	0
29	238	220	0			410	650	997	935	1430	1490	0
30	178	220	0			442	735	997	930	1530	1500	0
31	178		0			459		1000		1520	1500	
Mean	561	210	171		19.4	255	449	873	802	1150	1560	722
Acre-Feet	34500	12500	10500		1080	15700	26700	53700	47700	70700	95900	43000

Period Mean 369
Acre-Feet 412000

Daily discharge, in second-feet, of GOODING PROJECT WATER IN GOODING CANAL NR. KILLER, IDAHO, for the year ending September 30, 19[illegible]

Plate 10

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	90	85	135		0	60	445	735	1070	975	950	995
2	90	85	175		0	60	445	735	1090	973	980	1015
3	90	85	175		0	90	475	753	782	915	1010	975
4	90	85	175		0	107	473	770	520	1005	1010	965
5	90	85	225		0	126	473	774	694	276	1030	935
6	90	85	225		0	110	475	759	772	0	1010	925
7	90	85	225		0	150	472	759	765	574	1020	930
8	110	85	200		0	155	475	801	847	854	1025	950
9	110	85	200		0	182	473	782	920	680	995	965
10	110	85	225		0	225	473	782	901	882	995	985
11	110	79	225		0	225	226	813	905	882	995	1015
12	110	79	225		0	225	0	836	915	900	995	1025
13	110	90	225		0	225	0	849	913	947	985	1060
14	110	90	225		0	337	0	857	922	980	987	975
15	110	104	225	DRY	0	243	0	866	207	970	1000	575
16	110	104	225		0	240	0	830	0	1010	1000	0
17	110	104	225		20	235	72	850	237	1000	1000	0
18	125	104	225		40	265	192	872	780	955	1000	0
19	125	104	225		40	280	192	893	810	955	1010	0
20	125	104	122		40	280	372	921	835	965	1000	0
21	125	104	0		40	290	402	932	843	925	990	0
22	125	104	0		55	290	602	946	892	955	1070	0
23	125	104	0		60	322	622	967	902	940	1040	0
24	125	104	0		60	341	622	974	935	940	1040	0
25	125	104	0		60	350	650	982	913	940	1040	0
26	125	104	0		60	370	650	960	930	354	1010	0
27	125	104	0		60	405	650	955	920	0	1000	0
28	125	104	0		60	469	650	980	910	640	1015	0
29	125	104	0			405	650	992	935	950	1035	0
30	125	104	0			437	735	992	925	950	1035	0
31	125		0			454		1000		940	1055	
Total Acre-Feet	6900	5650	10500	0	1080	15482	23900	53452	47522	50100	61900	28000

Year or Period: Month: Acre-Feet 304,466

Daily discharge, in second-feet, of NORTH SIDE PROJECT WATER IN GOODING CANAL NR. LILLER, IDAHO for the year ending September 30, 1925.

Plate 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	115	107	0		0	0		0	0		580	445
2	115	107	0		0	0		0	0		580	445
3	115	107	0		0	0		0	0		580	445
4	486	107	0		0	0		0	0		580	437
5	486	107	0		0	0		0	0		580	435
6	486	107	0		0	0		0	0		590	435
7	506	107	0		0	0		0	0		590	430
8	513	107	0		0	0		0	0		585	430
9	513	107	0		0	0		0	0		585	425
10	513	107	0		0	0		0	0		587	415
11	513	107	0		0	0		0	0		585	405
12	513	107	0		0	0		0	0		585	375
13	513	100	0		0	0		0	0	520	585	350
14	513	100	0		0	0		0	0	530	585	335
15	513	116	0	DRY	0	0		0	0	530	580	400
16	513	116	0		0	0		0	0	530	580	410
17	513	116	0		0	0		0	0	575	580	412
18	513	116	0		0	0		0	0	575	580	136
19	513	116	0		0	0		0	0	575	580	0
20	513	116	0		0	0		0	0	575	580	0
21	513	116	0		0	0		0	0	575	510	0
22	513	116	0		0	0		0	0	550	510	0
23	513	116	0		0	0		0	0	550	510	0
24	513	116	0		0	0		0	0	550	510	0
25	513	116	0		0	0		0	0	550	510	0
26	513	116	0		0	0		0	0	550	500	0
27	513	116	0		0	0		0	0	540	495	0
28	513	116	0		0	0		0	0	550	465	0
29	513	116	0		0	0		0	0	550	465	0
30	513	116	0		0	0		0	0	580	445	0
31	513		0									
Mean												
Acre-ft.	7600	6650	0		0	213	2800	340	170	20600	34000	15000
Year												

Year or Period

Month

Acre-Feet 107,500

Daily discharge, in second-feet, of SOUTH SIDE TWIN FALLS CANAL AT HILLER, IDAHO, for the year ending September 30, 19[illegible]

Plate 42

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1130	534	546	509	439	711	2910	3040	2670	2250	1990
2	0	1120	550	531	509	433	697	2910	3060	2640	2260	165
3	0	1070	524	534	494	430	724	2870	3060	2570	2240	0
4	0	704	457	550	487	415	724	2890	3170	2730	2210	0
5	0	0	424	569	475	442	718	2870	2800	2680	2210	0
6	0	0	406	556	460	436	704	2890	2520	2730	2200	0
7	0	0	395	553	451	433	663	2710	2540	2720	2190	0
8	0	0	392	582	445	466	0	3040	2540	2740	2200	0
9	0	232	404	529	445	506	0	3020	2510	2730	2210	0
10	0	433	413	518	445	594	0	3020	2530	2640	2220	467
11	0	472	401	503	442	624	639	2970	2550	2650	2210	812
12	0	566	409	503	448	697	1410	2940	2530	2760	2200	887
13	0	594	401	524	445	748	1470	2950	2450	2540	2180	917
14	0	594	404	506	448	742	1390	2970	2430	2160	2160	730
15	0	594	398	503	451	728	1320	3000	2340	2240	2160	0
16	0	604	445	497	445	704	1350	2990	2280	2250	2150	0
17	0	585	519	500	451	721	1370	2880	2570	2250	2150	0
18	0	591	562	503	448	742	1400	2950	2350	2240	2150	0
19	0	594	519	512	439	766	1660	3060	2260	2260	2150	283
20	0	594	515	524	442	776	2030	3100	1830	2230	2130	424
21	0	604	531	506	442	787	2110	3090	1840	2200	2130	902
22	0	607	546	515	436	724	2510	3040	2000	2200	997	1220
23	0	585	543	512	433	794	1850	2970	2100	2210	0	1190
24	0	546	575	503	430	819	1520	2970	2620	2210	0	1170
25	0	543	630	509	430	790	1900	2970	2620	2220	0	1040
26	0	550	556	509	430	851	1910	3000	2570	2250	0	973
27	239	534	594	515	424	766	1900	3070	2600	2260	159	963
28	647	531	585	509	436	721	1900	3090	2610	2280	1890	962
29	604	546	627	506		729	1980	3120	2700	2250	1930	963
30	851	550	624	506		735	2550	3060	2670	2240	1970	971
31	1060		670	506		742		3040		2220	1960	
Mean Acre-Feet	109 6700	536 31900	502 30900	521 32000	451 25000	655 40300	1300 77400	2980 183000	2520 150000	2420 149000	1770 109000	568 33800

YEAR IN BRIEF — MEAN 1,200 — ACRE-FEET 869,000

Daily discharge, in second-feet, of South Side Twin Falls Canal at Kilgore, Idaho for the year ending September 30, 1922.

Plate 43

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1670	123	808	780	760	560	676	2780	3100	3250	3440	2920
2	1590	100	788	780	760	554	686	2890	3120	3230	3460	2950
3	1560	100	765	782	760	548	689	2890	3120	3180	3460	2950
4	1480	100	772		760	548	695	2900	3300	3330	3440	2830
5	1410	322	795		760	551	701	2990	3120	3190	3430	2710
6	1360	2040	756		710	548	701	3010	3060	3200	3420	2600
7	1340	1190	743		700	548	704	2930	3060	3190	3410	2590
8	1310	818	775		670	542	698	3350	3070	3220	3460	2550
9	1280	815			660	551	679	3370	3060	3310	3450	2470
10	1220	795			660	562	560	3220	3080	3290	3440	2390
11	1170	778			661	615	211	3190	3120	3300	3420	2250
12	1180	778			652	606	84	3170	3060	3360	3350	2020
13	1180	785		770	667	815	85	3200	2970	3340	3340	1930
14	1130	772			652	872	240	3280	2960	3300	3350	1870
15	1030	778			648	855	862	3290	2930	3280	3360	1820
16	945	805			648	830	914	3280	2870	3300	3360	1820
17	906	769			639	852	1160	3210	2960	3320	3350	1810
18	914	778			633	882	1780	3250	2940	3330	3280	1790
19	931	769			615	903	2050	3350	2870	3380	3250	1790
20	934	769	780		603	917	1960	3370	2820	3450	3230	1770
21	931	782			606	924	2140	3350	2840	3400	3240	1760
22	893	792		762	606	903	2410	3250	2880	3400	3240	1670
23	886	808		762	603	727	2230	3190	2850	3430	3290	1480
24	889	785		762	606	603	2090	3180	2910	3420	3250	1230
25	872	782		762	571	627	2100	3140	2950	3480	3220	1080
26	849	782		762	554	624	2100	3150	2950	3490	3170	1080
27	785	792			557	633	2110	3190	3060	3500	3220	1080
28	727	802			557	645	2270	3220	3140	3530	3090	1070
29	736	792		760		658	2550	3230	3200	3440	2960	1060
30	571	808				661	2700	3150	3250	3430	2890	1050
31	281					676		3110		3400	2880	

Mean	1060	737	779	768	653	689	1290	3160	3020	3340	3300	1950
Acre-Feet	65200	43900	47900	47200	36300	42400	76800	194000	180000	205000	203000	116000

Year 1922 Mean 1740

Acre-Feet 1,260,000

Plate 44

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1410	2190	4090	3380	890	1120	34	13	10	10	11	11
2	275	2140	4590	3380	880	1090	33	16	11	10	10	11
3	486	2240	5410	3180	890	1050	42	14	11	10	10	13
4	530	1670	5460	3280	906	574	39	14	24	11	10	14
5	416	714	5380	3280	984	776	39	11	12	10	10	12
6	295	859	5160	3280	1090	1050	26	10	10	10	10	12
7	407	2470	4690	3330	1090	1050	18	9	11	10	10	11
8	647	2730	2980	2000	1040	750	35	15	10	10	9	10
9	750	2340	3340	1700	1050	479	34	12	10	10	9	11
10	750	2100	4550	1410	1050	637	33	10	11	10	9	11
11	642	2100	4420	1090	1050	672	21	12	11	10	10	11
12	593	1610	4760	1120	1050	598	14	11	11	10	10	11
13	593	797	4910	1120	1050	168	13	11	11	10	10	11
14	647	627	5180	828	1050	93	15	20	12	10	10	11
15	682	1290	5120	984	1060	92	17	11	14	11	10	11
16	693	4070	4490	1120	890	58	10	10	12	11	10	11
17	693	4130	4070	1120	984	33	10	10	11	11	9	11
18	632	3590	4940	1120	1060	22	17	10	11	11	9	11
19	295	3680	5200	1120	1020	13	17	12	10	10	10	11
20	166	3680	4520	880	932	13	20	20	10	11	10	10
21	166	5060	3870	880	1090	14	20	22	10	11	9	10
22	170	5720	3500	906	1090	11	6 6	14	11	11	10	12
23	170	5340	3540	1460	1080	15	4	10	10	11	10	12
24	170	4660	3480	1140	1060	19	30	10	10	10	11	11
25	277	5060	3430	885	1070	16	27	10	10	10	10	11
26	438	5380	2680	745	1060	27	25	10	11	10	11	11
27	570	4010	2100	984	906	28	25	10	10	10	12	11
28	1800	3810	3180	1080	1010	28	21	11	10	10	6	11
29	3630	3670	3280	1050		31	20	16	11	10	7	11
30	2240	4590	3430	1000		34	10	11	11	10	5	10
31	2270		3770	901		35		11		10	7	11
Mean	765	3060	4170	1600	1010	635	47.6	12.9	11.2	10.3	8.9	11.1
Acre-Feet	47000	183000	256000	98400	56100	30600	2830	793	666	633	547	660

Year Mean 930

Acre-Feet 672,000

Daily discharge, in second-feet, of Henrys Lake near Lake, Idaho, for the year ending September 30, 19 21.

Plate 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1									17828	10484	4496	4300
2										9957	4463	
3										9377	4429	
4										8872	4399	
5										8376	4374	
6	4997									7924	4353	
7										7524	4334	
8										7172	4322	
9										6858	4315	
10									18529	6600	4307	
11			6100							6360	4302	
12								17077		6150	4300	
13										5976		
14										5828		
15						9909			18428	5688		
16							11757		18078	5546		
17									17690	5430		
18									17464	5324		
19									17184	5217		
20									16799	5130		
21									16234	5056		
22									15587	4993		
23									14947	4933		
24									14312	4880		
25									13786	4828		
26								17127	13285	4781		
27									12695	4729		
28									12100	4678		
29									11541	4633		
30									11026	4591		4300
31	5502									4545		

Mean												
Acre-Feet												

Year or Period Mean Acre-Feet

...ily discharge, in second-feet, of Henrys Fork near Lake, Idaho ... for the year ending September 30, 19 25

Plate 46

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	23								11	281	37	14
2	30								11	279	29	14
3	29								11	306	27	14
4	28	4							11	269	25	13
5	29								11	264	23	13
6	30								11	242	22	12
7	30								11	215	19	10
8	31								11	190	16	10
9	24								11	171	16	8
10	12								12	143	15	12
11	4								24	133	13	10
12	4							9	57	118	12	9
13	4								75	100	11	9
14	4								83	87	10	9
15	4								84	82	11	9
16	4								85	84	11	9
17	4								137	71	12	9
18	4								172	65	12	12
19	4							9	224	66	11	15
20	4								313	55	11	18
21	4								347	48	11	25
22	4								340	43	11	23
23	4								345	41	10	18
24	15								288	39	10	14
25	6								274	37	10	11
26	5							9	317	35	10	11
27	4							9	310	37	11	11
28	4							10	301	37	12	10
29	4							11	277	34	12	14
30	4							11	280	32	12	13
31	4							11		34	12	

Mean	11.9	1-7	4.0					May 4-31	9.35	149	117	14.9	12.6
Acre-Feet	732		56						371	8870	7190	916	750

Period

Mean

Acre-Feet 16,900

Daily discharge, in second-feet, of Henry's Fork at Ware River, Idaho, for the year ending September 30, 19

Plate 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	812	800	735	560	575	672	724	964	747	944	741	667
2	843	806	869	735	596	701	718	938	753	950	729	656
3	837	794	831	794	612	701	724	944	764	950	718	650
4	843	800	837	764	684	701	695	996	770	970	706	645
5	831	800	818	678	724	662	684	983	747	964	712	645
6	824	794	729	706	724	607	712	944	741	938	701	645
7	861	788	695	735	689	673	712	931	735	938	701	645
8	918	789	662	678	623	623	735	931	735	905	689	645
9	918	788	581	678	550	729	753	912	741	874	695	645
10	905	789	656	673	712	706	753	886	753	855	689	645
11	912	788	718	735	701	701	741	855	747	837	684	645
12	918	788	824	689	662	724	812	837	741	831	689	650
13	893	824	764	689	560	706	905	824	753	812	718	650
14	874	860	735	645	602	712	976	837	782	800	718	656
15	855	788	678	678	729	695	970	861	782	788	712	656
16	837	800	678	678	729	706	957	874	788	776	701	662
17	824	794	678	678	712	701	983	893	782	788	695	656
18	818	812	634	678	718	735	1100	861	800	776	684	656
19	831	782	678	678	718	724	1200	812	843	770	684	656
20	831	782	678	667	729	701	1090	794	880	770	684	672
21	831	724	678	656	706	706	1010	782	899	764	678	667
22	831	724	678	678	645	724	931	770	970	764	689	667
23	824	782	623	689	672	712	831	759	990	759	684	667
24	818	782	623	735	724	712	868	759	996	759	678	678
25	899	782	520	673	618	724	855	770	976	740	667	678
26	849	770	667	684	645	560	868	770	931	735	662	662
27	818	782	545	689	729	662	880	770	950	735	656	656
28	806	667	650	689	718	729	931	770	983	735	662	662
29	806	695	623	695		695	996	764	964	729	662	689
30	800	570	591	656		695	990	747	938	741	662	667
31	800		591	706		735		741		741	662	
Mean	847	775	686	689	672	695	870	848	833	821	691	668
Acre-Feet	52100	46100	42200	42400	37300	42700	51800	52100	49600	50500	42500	39200

Year Mean 757

Acre-Feet 548,000

Daily discharge in second-feet of Snake river near Ashton, Idaho for the year ending September 30, 19 23.

Plate 48

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1080	981	992	960	970	981	1010	1450	1040	1140	976	907
2	1070	1000	992	1020	970	981	1010	1340	1080	1160	947	907
3	1070	1020	1040	1060	970	981	1010	1230	1070	1160	939	907
4	1090	1040	1060	1060	970	981	1010	1500	1080	1160	931	907
5	1120	1040	1010	992	992	970	1000	1400	1070	1170	915	907
6	1100	1020	1020	940	992	950	1000	1360	1040	1260	915	907
7	1090	1020	970	940	992	930	997	1360	1020	1180	915	907
8	1130	1020	910	950	992	930	1010	1320	1020	1200	915	907
9	1210	1040	920	970	981	992	1020	1320	1050	1140	915	907
10	1210	1020	940	970	981	1000	1100	1320	1050	1110	923	907
11	1200	1010	940	930	981	910	1120	1270	1010	1110	923	907
12	1210	1020	960	992	981	1010	1120	1200	1040	1040	923	907
13	1160	1060	981	992	981	1000	1180	1180	1040	1040	931	907
14	1090	1080	981	992	981	992	1310	1200	1030	1040	947	907
15	1090	1080	992	950	981	970	1280	1200	1040	1010	947	891
16	1120	1000	992	950	992	992	1300	1200	1030	997	931	891
17	1080	1000	992	960	992	981	1360	1210	1010	976	907	907
18	1030	1070	970	960	992	910	1400	1210	997	1010	907	899
19	1040	992	960	960	992	1040	1580	1180	997	976	907	907
20	1040	890	960	960	992	1020	1630	1160	1040	976	899	899
21	1070	900	960	960	981	970	1300	1170	1100	976	899	907
22	1070	940	960	950	970	970	1300	1150	1150	955	907	915
23	1060	950	960	960	970	1060	1270	1110	1200	955	907	947
24	1050	970	920	970	981	1010	1230	1080	1230	939	907	915
25	1060	970	910	970	981	1010	1170	1080	1180	923	899	923
26	1050	950	890	970	981	970	1150	1060	1180	923	899	923
27	1120	950	870	970	981	970	1150	1030	1200	955	907	923
28	1080	950	870	970	981	960	1230	1030	1270	976	907	915
29	1050	960	870	970		970	1320	1070	1230	966	907	923
30	1040	960	870	970		970	1370	1080	1170	931	907	931
31	1010		910	970		992		1050		947	907	
Mean	1090	997	954	972	983	980	1200	1310	1090	1040	916	910
Acre-Feet	67000	59200	58700	59800	54500	60300	71400	74400	64900	64000	56400	54100

Year Mean 1,030

Acre-Feet 755,000

...ge, in second-feet, of Rio de Oro at St. Anthony, Idaho

Plate 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								1110	1260	441	783	762
2								1110	1300	493	752	692
3								1000	1340	566	741	701
4								1380	1300	540	710	752
5								1320	1060	501	672	752
6								1190	836	566	566	752
7								1170	871	540	509	682
8								1030	752	663	501	654
9								917	616	654	608	682
10								783	574	634	682	762
11								882	608	720	692	814
12								928	574	692	730	814
13								1120	557	644	772	814
14								1230	540	663	906	804
15								1900	557	682	906	783
16								2950	509	634	882	804
17								3020	478	493	752	804
18								2090	448	509	644	804
19								1170	462	501	814	804
20								917	524	493	710	825
21								1000	566	462	692	825
22								1040	608	413	720	848
23								1190	644	462	741	794
24								1650	540	524	762	814
25								1880	501	566	772	848
26								1260	485	663	860	860
27								1060	540	710	794	848
28							660	1030	517	772	741	814
29							1020	848	509	825	772	814
30							1120	730	462	783	848	783
31								978		730	730	

Mean in Sec.-Ft.	1000	1290	685	598	734	764
Acre-Ft.	5950	79300	40800	36800	45100	46700

XXXX Mean
XXXX Period Acre-Feet 255,000

Daily discharge, in second-feet, of SNAKE RIVER NEAR HEISBURG, IDAHO, for the year ending September 30, 19 31.

Plate 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1220	1540					1400	287	440	319	680	615
2	1240	1580					1420	274	570	311	665	600
3	1250	1630					1440	260	745	311	635	552
4	1260	1640					1330	247	824	311	620	548
5	1270	1630					1190	367	775	299	600	544
6	1260	1630					1160	387	605	303	566	521
7	1230	1630					1100	387	503	331	476	512
8	1310	1620					1040	391	494	335	418	512
9	1650	1630					1010	379	467	375	408	498
10	1820	1640					1020	347	444	359	480	526
11	1920	1640				1550	1000	331	431	351	530	575
12	1940	1650					960	323	422	408	548	580
13	1930	1700					960	319	404	351	595	575
14	1810						1030	319	395	335	670	570
15	1680						1020	544	383	371	745	539
16	1680						775	1250	367	395	760	530
17	1630						665	2120	359	379	760	544
18	1580						665	1770	363	307	720	544
19	1530						824	929	355	283	675	534
20	1500						740	540	355	268	680	552
21	1520						685	562	347	264	595	552
22	1530	1620					509	620	351	261	585	562
23	1510					1560	454	709	343	254	590	590
24	1490					1490	480	836	339	250	615	585
25	1500					1380	431	1240	331	250	625	595
26	1530					1330	355	964	331	254	650	585
27	1550					1340	342	650	323	351	710	585
28	1570					1350	328	462	311	467	660	580
29	1560					1360	315	462	327	620	625	615
30	1510					1340	301	418	319	720	645	610
31	1490					1420		391		720	665	

Mean	1530	1620					1510	832	616	434	558	619	561
Acre-Feet	94100	96400					92600	49500	37900	25800	32000	38100	33400

Period: Mean ____ Acre-Feet 490,000

Discharge in second-feet, of Warm River at Warm River, Idaho

Plate 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	185	180	177	177	174	166	180	203	177	169	169	169
2	185	180	177	177	166	174	177	197	177	169	169	166
3	185	185	177	177	166	174	177	203	177	169	169	166
4	185	185	177	177	174	177	177	200	177	169	171	166
5	185	185	177	177	183	180	177	200	177	169	169	169
6	185	180	177	177	174	177	177	200	177	169	171	169
7	188	185	177	177	171	171	177	197	177	169	171	169
8	191	180	177	177	166	174	180	194	177	169	171	169
9	188	180	177	177	166	174	183	191	174	169	171	169
10	185	185	177	177	177	177	183	188	177	169	171	169
11	185	185	177	177	177	177	183	188	177	169	169	169
12	191	185	177	177	166	177	191	183	174	169	171	169
13	185	185	177	177	171	177	205	180	174	169	180	169
14	185	185	177	177	166	180	200	183	174	169	174	169
15	185	185	177	177	169	174	197	180	174	169	171	169
16	185	185	177	177	174	174	217	180	171	169	169	169
17	185	185	177	177	177	177	214	180	171	169	169	169
18	185	185	177	177	171	174	226	180	171	169	169	169
19	185	174	177	177	174	174	226	180	171	169	171	169
20	185	180	177	177	174	177	208	180	171	169	169	169
21	185	180	177	171	171	177	203	180	171	169	169	169
22	185	180	177	177	166	177	197	180	171	169	169	169
23	185	180	177	177	166	174	194	180	171	169	169	169
24	185	180	177	177	183	177	194	180	171	169	169	169
25	185	180	177	177	177	177	194	180	169	169	169	169
26	185	180	177	174	177	174	194	177	169	169	169	169
27	185	180	177	174	174	194	197	177	169	169	169	169
28	185	180	177	177	174	177	205	183	169	171	169	169
29	185	180	177	174		174	205	180	169	169	169	169
30	180	180	177	166		174	206	180	169	169	169	169
31	180		177	169		177		177		169	169	
Mean	185	182	177	176	172	176	194	186	173	169	170	168
Acre-Feet	11400	10800	10900	10800	9550	10800	11500	11400	10300	10400	10500	10000

Year XXX XXXX Mean 177

Acre-Feet 128,000

...ly discharge, in second-feet, of Bolinger Creek at Main Ave., Adams ...for the year ending September 30, 19...

Plate 52

ay	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	52	51				44	59	170	73	43	41	39
2	52	51				44	59	179	73	43	39	37
3	54	51				47	56	217	70	43	39	37
4	52	51				46	50	217	65	43	38	37
5	52	51	55			47	50	194	65	44	38	39
6	52	49				47	62	179	63	41	38	39
7	58	49				48	74	177	62	41	38	38
8	87	51			49	53	78	156	59	41	38	38
9	73	51				45	92	151	58	40	38	38
10	61	51				58	92	130	59	41	38	38
11	77	51				45	92	124	59	39	38	37
12	71	49	55			46	105	124	58	40	39	37
13	62	53				46	134	120	58	40	43	37
14	57					47	128	122	57	39	44	37
15	57			50		46	97	116	55	39	44	38
16	53					47	128	120	53	38	41	41
17	51		56		47	47	140	104	51	37	39	40
18	51				47	49	154	94	50	37	39	40
19	53				47	47	167	92	52	37	40	40
20	52		55		47	52	128	92	51	37	39	42
21	51	57			47	51	147	90	49	37	39	42
22	51	45			47	53	124	87	49	37	39	40
23	51	50			47	47	120	83	49	37	39	40
24	51	55			47	57	120	78	47	37	39	42
25	53				47	55	109	76	46	37	39	44
26	53				46	71	107	74	45	37	39	37
27	53				51	51	129	73	47	37	38	40
28	54	55			51	48	140	87	46	37	39	41
29	49					47	172	94	44	37	38	41
30	49					47	174	81	44	37	38	41
31	51					51		73		41	39	

Mean	56.8	52.9	55.0	Est.50.0	47.8	49.3	110	122	55.2	39.2	39.3	39.2
Acre-Feet	3490	3150	3380	3070	2660	3030	6550	7500	3280	2410	2420	2330

Year 1926 Mean 59.7

Acre-Feet 43,300

Daily discharge, in second-feet, of FALL RIVER NR. SQUIRREL, IDAHO, for the year ending September 30, 19 31

Plate 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	340	340				340	366	910	1460	265	340	318
2	329	340				329	388	1080	1720	255	329	318
3	329	340				329	352	1100	1570	255	329	324
4	340	340				318	352	1100	1240	255	318	324
5	329	340	360		300	307	352	1120	1010	255	318	324
6	329	340				307	364	1050	1050	245	329	290
7	550	340				318	442	1050	890	364	324	312
8	702	340				275	518	990	774	364	318	324
9	566	340				225	442	850	684	364	316	324
10	526	340				275	456	830	830	364	312	307
11	486	340	364			329	518	830	702	364	324	302
12	470	340			318	340	566	1010	666	364	307	302
13	442	388	360		255	329	702	1220	614	364	364	302
14	388	364			285	329	614	2170	598	352	364	302
15	376	340		300	340	329	582	2430	566	352	364	318
16	364				352	329	614	3060	534	225	346	318
17	340				340	329	774	3120	518	215	334	307
18	329		330		340	329	910	2000	518	230	329	296
19	307				340	340	870	1260	502	215	334	296
20	329	340			318	340	792	1140	486	215	324	340
21	340				340	340	792	1010	400	205	324	340
22	364				364	352	720	870	368	205	318	318
23	329				352	364	598	1220	376	340	296	318
24	329				340	340	630	2460	364	329	312	334
25	329	340	300		340	340	598	2370	364	329	312	329
26	352	340			340	265	582	1890	428	329	324	329
27	376				340	340	648	1570	428	329	324	318
28	400	340			340	340	792	1440	400	318	324	302
29	400				—	329	930	950	400	318	312	302
30	376					364	990	850	400	329	316	302
31	352					388		1360		340	318	

Mean	391	342	334	300	319	326	609	1430	696	298	326	315
Acre-Feet	24000	20400	20500	18400	17700	20000	36200	87900	41400	18300	20000	18700

Year Mean 475

Acre-Feet 344,000

Plate 54

...discharge, in second-feet, of Salt River near Alpine, Idaho, for the year ending September 30, 19 31.

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								687	1180	17	185	278
2								924	1270	17	185	278
3								924	1260	18	178	269
4								1060	1100	56	178	221
5								1040	844	56	174	196
6								951	735	55	139	196
7								1030	768	73	122	115
8								887	571	264	113	108
9								703	375	251	122	174
10								628	272	242	125	264
11								643	380	242	108	278
12								688	288	160	133	278
13								869	196	139	181	288
14								1300	181	136	264	260
15								1810	174	133	269	251
16								2620	108	82	233	283
17								2630	99	20	200	256
18								1630	71	19	170	246
19								979	71	39	170	238
20								768	62	54	153	274
21								711	45	35	142	293
22								571	32	19	142	288
23								689	14	41	163	293
24								1470	17	95	167	288
25								1830	14	97	229	293
26								1400	17	88	147	288
27							498	1100	19	97	139	269
28							719	1040	19	110	185	256
29							878	776	19	120	233	229
30							905	607	17	144	160	212
31								896		185	217	
Mean							Apr 27-30	750	1100	341	100	172	249
Acre-Feet								5950	67600	20300	6150	10600	14600

...-7140

Period

Mean

Acre-Feet 135,000

Daily discharge, in second-feet, of Teton River near Tetonia, Idaho

for the year ending September 30, 19 31

Plate 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	335	293						244	185	226	285	174
2	335	293						223	196	223	264	174
3	335	289						219	193	223	252	174
4	335	289						230	193	230	237	172
5	335	289						212	230	234	230	172
6	335	282						196	281	234	249	172
7	335	278					170	186	241	234	244	166
8	438	282						174	223	234	230	163
9	508	278						169	226	237	212	158
10	467							169	219	230	212	158
11	450							163	223	226	212	163
12	427							163	223	234	209	163
13	378		203				206	160	219	230	234	163
14	364						214	155	219	230	285	160
15	359						223	155	219	226	281	172
16	345						216	155	219	226	244	190
17	331						212	152	219	223	230	180
18	331						209	152	230	226	230	177
19	331						209	152	234	226	212	174
20	322	230					206	155	237	226	206	196
21	322						206	163	237	223	206	212
22	314						206	174	241	226	202	212
23	310						206	158	237	230	199	209
24	310						206	147	234	230	190	212
25	310				133		202	150	234	241	183	212
26	349						209	152	237	230	174	209
27	349						209	158	244	241	180	199
28	318						206	196	244	234	177	193
29	301						209	260	241	234	174	183
30	297						237	212	230	248	180	183
31	293							190		299	180	

Mean	351	247	Est.200	Est.170	Est.140	Est.130	194	179	227	233	219	182
Acre-Feet	21600	14700	12300	10500	7780	7990	11500	11000	13500	14300	13500	10800

YEAR — MEAN 206

ACRE-FEET 149,000

y discharge, in second-feet, of Teton River near St. Anthony, Idaho for the year ending September 30, 19 21.

Plate 56

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								611	754	504	499	371
2								591	930	480	490	367
3								641	948	480	461	367
4								765	883	475	443	362
5								871	831	471	434	362
6								860	877	466	429	362
7								973	877	457	448	362
8								942	854	457	434	362
9								776	792	452	420	358
10								651	770	452	411	346
11								591	760	448	406	337
12								611	733	434	406	337
13								765	686	429	429	337
14								1020	676	425	480	333
15								1120	686	420	504	337
16								1200	723	416	475	350
17								1140	671	416	443	350
18								948	621	411	438	341
19								760	616	406	434	341
20								646	601	416	429	350
21								621	601	420	416	384
22								576	586	420	406	380
23								571	581	425	406	380
24								636	581	416	398	380
25								717	556	420	393	393
26								744	551	425	375	380
27							416	712	556	420	371	380
28							420	765	542	425	371	371
29							443	831	527	425	371	362
30							561	712	523	443	371	380
31								686		490	375	
Mean								460	716	696	440	425	363
Acre-Feet								28350	42700	41400	27100	26100	21600

Period

Mean

Acre-Feet 168,000