



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

BUREAU OF WATER RESOURCES  
LESTER C. WALKER  
DIRECTOR

C. BEN ROSS, GOVERNOR

January 15, 1936

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

Dear Sir:

I am transmitting herewith the annual report of Lynn Crandall, Watermaster and Special Deputy Commissioner of Reclamation for Water District No. 36, for the year 1935, covering his operations in the distribution and handling of water in cooperation with the U. S. Geological Survey, the water users of the District and this Department.

Water District No. 36 comprises about a million acres of land, being practically all the irrigated area of the Snake River Valley above the Milner dam, including the two Twin Falls projects and the so-called Milner-Gooding project. The water supply available for this area during the past year was somewhat above that for 1934, and almost an average of that for the past seven years, but only about 55 per cent of the average for the 40-year period of which we have a record.

Mr. Crandall exercised his usual energy and good judgment in the handling and distribution of the available water supply, but due to the deficient runoff some crop losses were sustained. At the present time precipitation in the Upper Snake River area is about up to normal and it is hoped that we are approaching the beginning of the end of the dry cycle covering the past seven years.

With the construction of the Island Park reservoir now under way and the probability of the construction of a reservoir in Teton Basin and some prospect of securing additional water from other sources, the outlook for a return to something like normal water supply in the Upper Snake River Valley is encouraging.

Very truly yours,

Handwritten signature of R. W. Faris in cursive.

Commissioner of Reclamation



STATE OF IDAHO  
DEPARTMENT OF RECLAMATION  
LYNN CRANDALL, WATERMASTER  
IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

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

January 10, 1936

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

Dear Sir:

There is transmitted herewith the 1935 annual report covering the administration of Water District No. 36.

As you know, the work of water distribution and collection of stream-flow records in this district has been carried on since 1919 under a cooperative agreement between the U. S. Geological Survey, the Snake River waterusers, and the State of Idaho.

The past year was the 7th successive year of below normal run-off on Snake River and while the area as a whole was able to mature practically all crops there were some losses suffered under a few ditches with late rights on the main river and by quite a number of canals on Henrys Fork, Fall River and Teton River. The situation under these latter ditches should be materially improved beginning in 1937 when water will be available from the new Island Park reservoir now under construction.

Cooperation by yourself, various state officials, the Committee of Nine, and managers of different canal companies contributed materially to the efficient and equitable distribution of water in the district.

The capable service rendered by the various employees of the district during the irrigation season and the assistance of W. V. Iorns and Effie C. Jones in the preparation of this report are especially appreciated.

Very truly yours,

LYNN CRANDALL

Watermaster.

WATER DISTRIBUTION AND HYDROMETRIC WORK

WATER DISTRICT NO. 36

1935

By Lynn Crandall

Watermaster

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## INTRODUCTION

The annual watermaster election of District No. 36 was held in Idaho Falls on March 4, 1935 at which time Lynn Crandall was re-elected as watermaster for the ensuing year and the following were re-elected as members of the advisory committee of nine:

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

The committee members selected John W. Hart as chairman, F. A. Miller, vice-chairman, and John Lee, Secretary.

The annual meeting unanimously adopted the report of the resolutions committee which included a recommendation that the following transmission losses be charged on stored water: 2.5% Moran to Heise, 4.4% Heise to Lorenzo, 0.5% Lorenzo to Woodville, 6% Woodville to Blackfoot, 1.5% Henrys Lake to Warm River, 0.5% Warm River to Ashton. These figures are the same that have been used for a number of years past.

At the time of the annual watermaster election the accumulated snowfall was below normal but heavy precipitation over the watershed during March, April, and May brought the accumulated precipitation at the beginning of the irrigation season up to normal for that time of year. Subsequent precipitation from June to September, however, was far below normal, being less than half of what it was during that period in the preceding dry year of 1934. This shortage of summer precipitation together with water absorbed in partially restoring ground-water levels depleted by the 1934 drought was responsible for the 1935 run-off being substantially below normal.

Request for natural flow regulation was filed on March 4, the date of the watermaster election, and the watermaster was appointed on March 18 as special deputy Commissioner of Reclamation to supervise the delivery of stored water from the various reservoirs in District No. 36. Owing to favorable precipitation during the early spring months it proved possible to continue storing intermittently for reservoir credit at American Falls until June 18 and at Jackson Lake until June 25.

American Falls owned rights (except American Falls No. 1 Reservoir District) were 60.2% filled plus holdovers and the leased and American Falls No. 1 Reservoir District rights were 55.6% filled plus special saved winter water credits of 42,500 acre-feet to the North Side Canal Company. Jackson Lake bottom rights were filled in full and the top rights were 44% filled. Henrys Lake rights were 23.3% filled.

Owing to lack of summer rains the natural flow of the river steadily receded as the season advanced, resulting in cuts reaching back to August 13, 1888 priority. To partially take care of the most serious shortages thus resulting the various owners of storage and natural flow rights were solicited to rent a portion of their supply at 50 cents per acre-foot and it proved possible to secure a pool of 28,000 acre-feet in this manner which was rented to those in greatest need of the water. There was demand for more water than this but it could not be secured as the principal owners of storage in excess of their current needs apparently preferred to retain some as holdover for the following year rather than to rent to others for use during 1935, and the season closed with 158,000 acre-foot holdover at American Falls and Jackson Lake.

Regulation on the main river continued until October 15 and on Henrys Fork until October 24 after which dates rains and freezing weather reduced the demand for water in the upper valley so that it was possible to cease regulation. Jackson Lake gates were closed on October 15.

The annual river run-off at Moran for the year ending September 30, 1935 was 89% of normal; at Heise 80% of normal; and at Neeley 55% of normal.

A contract was let by the U. S. Bureau of Reclamation late in the year for the construction of the Island Park Reservoir and it is anticipated that storage can begin in this reservoir by the fall of 1936.

#### PERSONNEL

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

Lynn Crandall,	Watermaster & Special Deputy Commissioner of Reclamation.
W. V. Iorns,	Assistant Engineer.
Melvin Luke	Hydrographer & Deputy Watermaster on Henrys Fork & tributaries.
Geo. H. Powell,	Hydrographer during irrigation season.
F. W. Tolles,	Hydrographer during irrigation season.
Ann E. Kammers & Effie C. Jones,	Clerk.
R. L. Sutcliffe,	Deputy Watermaster, Teton Basin.
Walter C. Lenz,	Deputy Watermaster, Upper Fall River.
Clarence Madson,	Deputy Watermaster, Henrys Fork & Teton River.
D. R. Crystal,	Deputy Watermaster, Heise Division.
H. M. Bramwell,	Deputy Watermaster, Rigby Division.
S. W. Emmerton	Deputy Watermaster, Idaho Falls Division.
Eugene Liljenquist,	Deputy Watermaster, Blackfoot Division.
Dana Templin,	Deputy Watermaster, Minidoka Dam.
W. N. McConnell,	Deputy Watermaster, Milnor Dam.
Chas. Burton,	Deputy Watermaster, Swan Valley Dist.
H. E. Field & A. W. Hoath,	Supt., American Falls Dam.
E. B. Hill,	Supt., Jackson Lake Dam.
K. McGinn,	Supt., Henrys Lake Dam.

Mrs. John Keppner, C. C. Davidson, Mrs. Irvin Siopert,  
O. A. Cammack, J. F. Johnson, D. R. Anthony, James Fugal,  
J. A. Clough, T. E. Culloy, A. J. Ayors, and G. S. Gilham,  
gage readers.

### SNOW SURVEYS

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

Table showing average snow depth and water equivalent on Jackson Lake watershed, in inches.

(Snow surveys made 14th - 21st of each mo.)

<u>Year</u>	<u>January</u>		<u>February</u>		<u>March</u>		<u>April</u>	
	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>	<u>Snow</u>	<u>Water</u>
1919	36	8.1	45	12.0	52	16.8	49	18.4
1920	40	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
1935	51	12.2	46	14.3	52	17.9	60	23.8
Average, inches	44	11.1	55	16.4	61	20.1	55	21.4
Average, % water		25		30		33		39

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

These snow surveys are of great interest and value to the Snake River waterusers each spring in forecasting run-off. They must be used, however, with a knowledge of other factors that affect the

available water supply for the Snake River Valley during the irrigation season. Among these are the precipitation during the spring and summer months, the relative relation of ground-water levels to normal at the close of the preceding year, and the fact that 80% of the run-off of the South Fork of Snake River originates below Moran. Thus the April, 1935 snow survey showed a water supply on the Jackson Lake watershed of 10% above normal. Due to other unfavorable factors, however, the 1935 annual run-off at Moran as previously stated was only 89% of normal and at Heise 80% of normal.

#### REGULATION SCHEDULE

The following schedule applies particularly to rights above Blackfoot, as the inflow below that point is always sufficient to at least partially fill rights of October 11, 1900 priority irrespective of rights that can be filled in the upper valley. Natural flow water delivered daily to canals in the lower valley below American Falls is shown in detail on plates 11-13 incl.

#### 1935 Regulation Schedule

June	20	Cut off 1913 rights.
July	5	Cut off rights later than Mar. 22, 1903.
"	10	Cut off rights later than 1900 priority.
"	11	Cut off 1897 rights.
"	12	Cut off 1896 rights.
"	13	Cut off rights later than Feb. 6, 1895.
"	14	Filled 65% of Feb. 6, 1895 right.
"	15	Filled 50% of Feb. 6, 1895 right.
"	16	Filled 20% of Feb. 6, 1895 right.
"	17	Cut off all 1895 rights.
"	18	Filled 50% of Aug. 18, 1894 right.
"	20	Cut off June 1, 1892 rights.
"	21	Filled 50% of Apr. 28, 1892 right.
"	22	Filled two-thirds of Dec. 14, 1891 right.
"	23	Filled one-third of Dec. 14, 1891 right.
"	24	Cut off Dec. 14, 1891 right.

July	25	Filled 75% of Jan. 24, 1891 right.
"	26	Filled 50% of Jan. 24, 1891 right.
"	27	Cut off all 1891 rights.
"	28	Filled one-third of Oct. 16, 1890 rights.
"	29	Filled 50% of July 12, 1890 rights.
"	30	Cut off July 12, 1890 rights.
"	31	Cut off rights later than June 1, 1890.
Aug.	4	Cut off June 1, 1890 rights.
"	5	Cut off all 1890 rights.
"	6	Filled 50% of July 10, 1889 rights.
"	7	Cut off rights later than June 1, 1889.
"	8	Filled 80% of June 1, 1889 rights.
"	10	Filled 20% of June 1, 1889 rights.
"	11	Filled 90% of May 11, 1889 rights.
"	12	Filled 70% of May 11, 1889 rights.
"	13	Filled 60% of May 11, 1889 rights.
"	14	Filled 50% of May 11, 1889 rights.
"	15	Filled 45% of May 11, 1889 rights.
"	16	Filled 35% of May 11, 1889 rights.
"	17	Filled 25% of May 11, 1889 rights.
"	19	Filled 30% of May 11, 1889 rights.
"	22	Filled 50% of May 11, 1889 rights.
"	23	Filled 30% of May 11, 1889 rights.
"	24	Filled 50% of May 11, 1889 rights.
"	29	Filled 25% of May 11, 1889 rights.
Sept.	5	Filled 10% of May 11, 1889 rights.
"	7	Cut off May 11, 1889 rights.
"	8	Filled two-thirds of April 15, 1889 rights.
"	9	Filled 50% of April 15, 1889 rights.
"	11	Filled 20% of April 15, 1889 rights.
"	12	Cut off April 15, 1889 rights.
"	13	Filled 75% of April 6, 1889 rights.
"	15	Filled 50% of April 6, 1889 rights.
"	16	Cut off April 6, 1889 rights.
"	17	Cut off all 1889 rights.
"	20	Filled 50% of Aug. 13, 1888 rights.
"	24	Restored Aug. 13, 1888 rights in full.
"	25	Restored March 1, 1889 rights.

The schedule of rights in force on Henrys Fork and Teton River is shown separately in the chapter covering distribution on Henrys Fork.

After September 30 the various owners of early rights cooperated in reducing their demands as much as possible and in this manner it was possible to provide stock water in practically all

ditches after October 1. The demand for water, however, was such that it was necessary to continue employment of river riders three days a week on the main river until October 15 and one man on Henrys Fork until October 24. General rains and freezing weather then reduced the demand so that it was possible to cease regulation.

#### WATER SUPPLY

By reference to Plates No. 4 and 5 it will be noted that 1935 was the 7th successive year of below normal run-off on Snake River at both Moran and Neeley. At the latter point the 1935 run-off was only 71% of the run-off in 1919 which at the time it occurred was considered a pretty dry year. The run-off at Neeley since the construction of American Falls Reservoir, however, has been decreased below what it would otherwise have been due to several causes, chief among which are:

1st. - Increased use of Jackson Lake water by upper valley canals through exchange for their American Falls rights, and,  
 2nd. - seepage and evaporation losses in the American Falls Reservoir. Even making liberal allowance for these two items the run-off at Neeley during recent years has been proportionally much lower than at Moran and indicates that the lower drainage area on the river watershed below Moran has suffered a greater proportional decrease in run-off than has occurred on the high watershed above Moran.

The annual run-off in acre-feet for the year ending Sept. 30, 1935 at some of the principal gaging stations in the district is shown in the following tabulation.

<u>Station</u>	<u>1935 run-off</u>	<u>Per cent of average</u>
Snake River at Moran	933,670 (a)	89% 60
Snake River nr. Heise	4,111,890 (a)	80% 56
Snake River nr. Blackfoot	1,449,000	40% 19
Snake River at Neeley	3,289,500 (b)	55% 43
Snake River at Milner	112,700	4% 6
Henry's Fork nr. Rexburg	747,500	52% 41

(a) Corrected for holdovers at Jackson Lake.

(b) Corrected for holdovers at American Falls.

The long-continued deficiency in run-off that has existed on Snake River beginning in 1919 and which has become more apparent during the past seven years, is becoming a matter of increasing concern and unless soon relieved by years of more abundant precipitation will compel the adoption of methods for further conservation of water on the river, particularly the elimination of water now used for domestic purposes during the winter months.

#### TRANSFERS & EXCHANGES

Two permanent transfers of water rights on Sheridan and Ice House creeks to other nearby lands were made during the year by the Island Park Land and Cattle Company on account of the fact that the lands to which the water had been decreed will be flooded by the new Island Park Reservoir.

After the last of July when the rights were cut to early priorities a few temporary transfers of small quantities of natural flow rights were permitted between adjacent ditches in several sections of the upper valley where special circumstances seemed to warrant such action. During the same period several of the upper valley canals that had lost part of their natural flow rights were allowed to shut off entirely for varying periods, receiving credit for 90% of their valid rights, and then draw an equivalent amount of water later in sufficient volume so that it could be used more efficiently.

The custom of exchanging natural flow for storage on Henrys Fork was continued as in past years as this is the only way in which canals in that section can avail themselves of American Falls storage that they own or might rent.

#### LITIGATION

A decision in the District Federal Court was handed down during the year in the case of American Falls Reservoir District No. 2 vs. Secretary of the Interior, et al, denying the claim of the plaintiff to a summary decree for a natural flow right of the same priority as the American Falls Reservoir storage right. The case is now on appeal to the Circuit Court at San Francisco.

An action was filed in the State district court against the watermaster by the Teton Valley Power and Milling Co. seeking to acquire a summary decree for 300 second-feet for power purposes on Teton River, but has not yet been tried.

Water users on the lower Teton River in the Sugar City - Rexburg section filed an action in the Federal Court at Cheyenne seeking an interstate adjudication of the waters of Teton River and its Wyoming tributaries. The case has not yet come on for trial.

Chris Reber brought suit against the watermaster seeking a summary decree to six second-feet of the waters of Twin Creek, tributary to Henrys Fork, with a priority of June 1, 1912. The watermaster filed no answer and it appears probable that a decree will be issued as requested.

The String Canal Company brought an action against the watermaster early in August seeking to enjoin him from regulating the waters of Trail Creek near Victor. Injunction was granted but after being in force for a few days was vacated on Aug. 7 upon showing that the court was without authority to issue same under the terms of the State statutes relating to restraint of public officers.

The Capitol Hill Ditch Co. was awarded a summary decree for 20 second-feet of November 15, 1919 priority of the waters of Snake River to be diverted through the Great Western Canal in an uncontested suit against the watermaster.

Wilford Jones and Rulon H. Jones brought actions against the watermaster seeking to acquire summary decrees for 4.4 second-feet June 1, 1886 priority and 6 second-feet June 1, 1885 priority to the waters of Bear Trap Slough, a tributary of Snake River west of Menan. The Upper Snake River Protective Union filed an appearance for the defendant and after trial of the case the priority was fixed as of 1892 instead of the earlier dates asked for in the complaint.

The case of Busby vs. Crandall was tried in December, 1935 but decision has not yet been announced.

The plaintiff sought to acquire a right of 20 second-feet of 1888 priority to the waters of Fall River.

Suit was filed and is now pending seeking an adjudication of the waters of Market Lake, tributary to Snake River northeast of Roberts.

#### CANAL DELIVERIES

Diversions from the main river by the various canals between Heise and Blackfoot for the months May to September, 1935, incl. are shown on plates 6-10 incl. No regular records are secured of diversions by upper valley canals during the non-irrigation season but the following miscellaneous measurements are tabulated to give a general idea of such use, in connection with possibilities for elimination of winter diversions.

#### Winter diversions by upper valley canals (sec. ft.)

<u>Canal</u>	Discharge Dec. 28, 1934- Jan. 11, 1935	Discharge Nov. 30-Dec. 4, 1935
Anderson	126	155
Eagle Rock	58	127
Farmers Friend	14	15
Enterprise	6	18
Mattson-Craig	1	1
Butler Island	2	8
Steele	1	0
Harrison	13	18
Boomer	3	2
Rudy	10	13
Burgess	70	164
Clark & Edwards	7	10
Lowder	0	2
East Labelle	4	7
Sunnydell	0	23
Lenroot	5	13

<u>Canal</u>	Discharge	
	<u>Dec. 28, 1934-</u> <u>Jan. 11, 1935</u>	<u>Discharge</u> <u>Nov. 30-Dec. 4, 1935</u>
Reid	2	7
Texas	22	8
Nelson Corey	2	0
Rigby	39	27
Island	0	10
West Labelle	17	40
Parks & Lewisville	20	12
North Rigby	8	13
White	4	2
Butte & Market Lake	0	37
Osgood	0	12
Idaho	70	81
Great Western	94	114
Porter	38	41
Woodville	2	20
Snake River Valley	66	68
Blackfoot	4	14
New Lava Side	4	0
Peoples	15	40
Aberdeen	3	0
Corbett	13	20
Nielsen-Hansen	1	5
Riverside	16	20
Danskin	3	9
Wearyrick	3	4
Watson	15	10
Parsons	0	3
Total	781	1193
Waste back to river	163 21%	340 28%
Net use Heise to Blackfoot	618	853

Canals not reported above were dry.

Diversions by lower valley canals, below American Falls, for the entire year are shown on plates 32-41, incl. Upper valley canals between Heise and Blackfoot diverted practically no water for irrigation prior to May 1st but continued after September 30 to use practically all the available supply until the middle of October 1935 when irrigation ceased due to a storm and severe freeze.

The following tabulation shows the seasonal diversion, area under canal and acreage irrigated in 1935 along the main Snake River from Heise to Milner. A similar tabulation for Henrys Fork canals will be found in the chapter on that area.

The figures on irrigated areas in the table are based on reports from the various canal officers and are intended to represent the acreage to which water was delivered without deduction for roads, canals, buildings, waste or fallow land on individual farms, etc.

Table showing diversions and irrigated area during 1935 - Snake River Canals.

<u>Name of canal</u>	<u>Seasonal Diversions</u> (acre-ft.)	<u>Area under canal</u> (acres)	<u>Acreage irrigated 1934</u> (acres)	<u>Diversions ac. ft. per acre irrig.</u>
Riley	4,170	880	840	5.0
Progressive Dist.	200,000 (a)	33,619	31,514	6.4
Farmers Friend	88,500	10,500	10,300	8.6
Enterprise	25,200	7,500	7,000	3.6
Nelson	905	80	80	11.3
Mattson & Craig	3,220	650	400	8.0
Arnsberger	662	200	140	4.7
Ross & Rand	1,320	112	100	13.2
Butler Island	11,900	1,320	900	13.3
Steele	2,140	290	180	11.9
Harrison	80,000	16,000	16,000	5.0
Cheney	1,200	240	140	8.6
Idaho Irr. Dist.	216,000	35,544	35,544	6.1
Rudy	42,300	5,000	4,500	9.4
Kite & Nord	875	220	135	6.5
Burgess	175,000	21,000	20,000	8.8
Clark & Edwards	18,300	1,945	1,690	10.8
Lowder & Jennings	8,700	1,200	900	9.7
East Labelle	29,700	2,200	2,100	14.1
Sunnydell	22,500	3,504	3,312	6.8

<u>Name of canal</u>	<u>Seasonal diversions (acre-ft.)</u>	<u>Area under canal (acres)</u>	<u>Acreage irrigated 1934 (acres)</u>	<u>Diversions ac. ft. per acre irrig.</u>
Lenroot	25,900	4,000	3,800	6.8
Reid	30,500	5,500	4,000	7.6
Texas Feeder	59,400	6,000	5,000	11.9
Nelson Corey	3,930	640	400	9.8
Hill Pettinger	1,100	210	110	11.0
Rigby	41,400	4,000	3,800	10.9
Dilts	4,000	780	670	6.0
Island	28,200	3,400	3,000	9.4
West Labelle et al	109,000	10,000	8,500	12.8
Parks & Lewisville	82,000	7,000	7,000	11.7
North Rigby	13,000	1,250	1,100	10.8
White	1,280	250	175	7.3
Ellis	810	70	65	12.4
Bramwell	1,750	400	155	11.3
Butte & Market Lake	56,400	19,000	17,000	3.3
Osgood	25,800	7,050	5,680	4.5
Bear Island & Smith	604	200	200	3.0
Kennedy	7,770	2,237	1,832	4.2
Gt. Western & Porter	132,000	26,000	25,400	5.2
Coy	195	30	30	6.5
Woodville	15,700	3,000	3,000	5.2
Snake R. Valley	127,000	25,000	21,500	5.9
Reservation	146,300 (b)	60,000	32,625	4.5
Blackfoot	66,500	15,000	13,000	5.1
New Lava Side	29,000	7,000	5,100	5.7
Peoples	95,600	20,000	16,000	6.0
Aberdeen	228,000	62,298	55,000	4.1
Corbett	33,000	7,617	5,078	6.5
Nielsen-Hansen	2,550	640	600	4.2
Riverside	29,200	5,000	4,000	7.3
Danskin	48,600	6,000	6,000	8.1
Trego	12,600	1,750	1,600	7.9
Wearyrick	11,900	1,540	1,500	7.9
Watson	27,400	4,000	3,200	8.6
Parsons	6,400	900	700	9.2
W.S. Minidoka	402,570	62,000	54,000	7.4
S.S. Minidoka	310,640	54,000	50,000	6.2
W.S. Milner	833,150	170,000	154,000	5.4
S.S. Milner	951,430	202,660	202,660	4.7
Milner Low Lift	32,880	8,509	8,437	3.9
Gooding	247,540	88,244	46,105	5.4
Total main river, (exclusive of Harrison Park)	5,215,591	1,045,179	907,797	5.7

- (a) Used some additional water from Willow Creek.
- (b) 100,000 from Snake River, balance from Blackfoot River and Sand Creek.

Diversions for canals above Blackfoot cover the months May to September, incl., and for lower valley canals April to September, incl.

The total diversions for the season were about 1,000,000 acre-feet greater in 1935 than during the very dry year of 1934, although there were 19 out of the 61 canals that actually diverted less water in 1935 than in 1934. This was principally due to heavy diversions early in the season of 1934 by upper valley canals as the result of dry weather.

Canals between Heise and Blackfoot diverted 292,372 acre-feet of storage or 12% of their total diversions. Canals below American Falls diverted 1,249,469 acre-feet of storage equal to 45% of their total diversions.

In addition to the irrigation diversions listed in the preceding table the Idaho Power Co. carried 110,000 acre-feet of water during the year ending Sept. 30, 1935 past Milner for use at downstream power plants.

#### RIVER DATA

Segregation of river flow at the various measuring stations between storage and normal, diversions, stored water losses, etc., are shown on plates 11 to 13 incl. Methods of operation, stored water losses, etc., were the same that have been in effect for a number of years past.

Owing to the difficulty of measuring the widely variable inflow to Jackson Lake, the daily storage releases from that reservoir

were determined from the daily drop in lake levels, averaged when necessary for short periods to eliminate wind effect on the lake, and the balance at the Moran station was called natural flow. This method is based on the assumption that during the season as a whole the evaporation losses will be offset by bank storage return. The evaporation losses however, are a maximum when storage draft first begins while the bank return does not appear until the lake has been substantially lowered. On this account the custom is followed of permitting natural-flow rights to use some storage during the early draft on Jackson Lake and gradually replace this by natural flow after the lake has been partially drawn down. Ordinarily 10,000 to 12,000 acre-feet of storage is thus temporarily used by natural flow rights during the period of rapid drop in natural flow following the flood-water season, same being later gradually repaid.

Starting with the determined amount of stored water at Moran each day the storage diversions and storage losses were subtracted in each river section thus determining the amount of storage theoretically available daily at each river station as far downstream as Blackfoot.

In the actual operation of the river from day to day it is impossible to exactly determine in advance the time for natural flow cuts or changes in canal discharges and there are also times when natural-flow rights are purposely allowed to divert some of the theoretical storage or vice versa, due either to allowance for the conditions at Jackson Lake as previously discussed or to changes in ground-water inflow to the river resulting from sudden increases or cuts in storage being discharged from Jackson Lake. It has been

found by experience that when a substantial increase in storage delivery is made from Jackson Lake it is necessary to turn out for a few days at least 25% more water than is needed for downstream delivery in order to allow for river bank storage and to prevent the cutting of natural-flow rights that would otherwise receive water. This water is recovered for storage owners when cuts are made in the release from Jackson Lake, thereby permitting the river bank storage to drain into the stream.

Due to these and other causes it happens that from day to day throughout the season in the section above Blackfoot some stored water is usually being diverted as natural flow or vice versa, but the quantities are balanced out as closely as possible by the end of the season.

When rights are being filled to priorities later than Oct. 11, 1900 which is the date of the earliest lower valley right, the entire river from Heise to Milner is operated as a unit. After the 1900 rights are cut the river is operated in two sections, one above Blackfoot and the other below that point. After the 1900 rights are cut in the upper valley no natural flow is available for delivery past Blackfoot and except for Jackson Lake storage releases for lower valley canals the river would be kept dry at the lowest upper valley canal heading near Blackfoot. The 1900 rights in the lower valley are however always partially filled from inflow to the river below Blackfoot even though the river flow in the upper valley may drop so that only 1888 rights, for example, can be filled.

After rights were cut below 1900 priority, when no natural flow passes Blackfoot the segregation of flow at the Clough station was on the basis of an assumed natural flow at that point of 140 second-feet and any balance was called Jackson Lake storage for delivery to lower valley canals owning same. The 140 sec.-ft. is the discharge which it is estimated from past records would occur at the Clough station under 1935 conditions if no storage was being carried past the Parsons Canal heading, the lowest upper valley canal.

During the course of the season 149,000 acre-feet of allotted Jackson Lake storage was carried past Cloughs in addition to 86,000 acre-feet of storage to replace lower valley normal flow that was temporarily stored at Jackson Lake or diverted as storage by upper valley canals prior to July 9th.

The segregation of flow at the Neeley station below American Falls was made by taking the normal flow at Cloughs, increasing it by the calculated inflow Clough to Neeley, and calling the result normal flow at Neeley, the balance at Neeley in excess thereof being listed as storage.

The inflow Clough to Neeley was computed by adding: 1) the daily discharge of the Portneuf River at Pocatello; 2) inflow from springs, etc. secured by interpolating between the results of 13 meter measurements made during the months May to Sept. incl., and 3) the unmeasured inflow computed from the Newell formula  $= 840$  plus one-third measured inflow, disregarding minor day-to-day fluctuations.

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

There were a number of days between May 15 and July 9, Clough dates, when some water accumulated in Jackson Lake or was diverted as storage by upper valley canals that belonged to downstream rights below Blackfoot. The records as computed on plates 11-13 show the available normal flow at the various river and canal stations as if this water had been allowed to flow down the river past Cloughs and the segregation of deliveries to lower valley canals was on the basis of such computed natural flow. Under the method of tabulation used this retained natural flow appears in the record at Cloughs and upstream stations as a minus storage quantity and is offset later on in the season by delivery of a similar amount of storage.

STORED WATER DELIVERIES

Storage allotments from Jackson Lake and American Falls reservoirs were made as follows for 1935:

1935		<u>Jackson Lake allotment</u>	
Jackson Lake contents June 25 (date of last storage for reservoir credit)	680,910	ac.ft.	
Deduct 1934 American Falls holdover in Jackson Lake	2,464		
Stored normal flow at Jackson Lake prior to June 25 (for delivery to American Falls Reservoir during 1935 to replace borrowed water)	<u>60,700</u>		
Total	<u>63,164</u>	" "	
Available for allotment	617,746	" "	
Allotted as follows:			
Bottom rights in full	437,810	" "	
N.S. Canal Co. top right	137,176	" "	
Twin Falls Canal Co. top right	<u>42,760</u>	" "	
Total	617,746	" "	

1935

AMERICAN FALLS ALLOTMENT

Reservoir contents on date of last reservoir  
storage (June 18). . . . . 955,990 ac. ft.

## Prior storage use:

Minidoka	2,865	"	"
Milner Low Lift	2,450	"	"
Twin Falls Canal Co.	455	"	"
North Side Canal Co.	4,700	"	"
Idaho Power Company	1,170	"	"
Milner Leakage	140	"	"
Gooding	94,500	"	"
Deficient flow past Cloughs acct. stored normal at Jackson Lake, etc. prior to June 18	10,640	"	"
1934 American Falls holdover at Jackson Lake	<u>2,464</u>	"	"
Total	1,075,374	"	"
Lake Walcott water in American Falls on June 18	<u>1,030</u>	"	"
Total supply for 1935	1,074,344	"	"

## Subtract:

1934 holdovers . . . . .	32,281 ac. ft.		
Idaho Power Co. right in full . . . . .	<u>45,000</u>	"	"
Total deduction		<u>77,281</u>	" "
Net supply for general allotment		997,063	" "

This is 60.245% of 1,655,000 (capacity less Idaho Power right).  
Owing to credit of 42,500 acre-feet to N. S. Canal Company for saved  
winter water the allotments for leased and American Falls Reservoir  
District rights are reduced to 55.58% of space.

The individual allotments were made as follows:

$$\begin{array}{r} 493,236 \\ - 45,000 \\ \hline \end{array} \quad \text{Power Co.}$$

$$448,236 \div .60245 = 744,022$$

$$506,327 \div .5558 = 910,988$$

$$\begin{array}{r} 45,000 \\ \hline 1,700,010 \end{array} \quad \text{Power Co.}$$

AMERICAN FALLS RESERVOIR ALLOTMENT FOR 1935  
(acre-feet)

Name	Owned & option space times 60.245% (exclu- sive of Am. Falls Reservoir Dist.)	Leased & Am. Falls Res. Dist. space times 55.58%	Hold- overs and special credits	Total 1935 right
Poplar Irrig. Dist.	478	706	104	1,288
Progressive Irrig. Dist.	8,801	3,792	0	12,593
Enterprise Canal	6,332	1,728	0	8,060
Harrison Canal	7,226	3,114	0	10,340
Idaho Irrig. District	16,258	7,010	0	23,268
Rudy Canal	1,205	1,020	0	2,225
Burgess Canal	4,516	1,947	0	6,463
Lenroot Canal	2,713	1,169	0	3,882
Reid Canal	1,810	779	0	2,589
Dilts Canal	623	268	0	891
Enterprise Irrig. Dist.	7,230	3,115	0	10,345
Butte & Market Lake	1,810	779	0	2,589
Osgood Canal	9,550	4,115	1,323	14,988
New Sweden District	17,190	7,405	0	24,595
Martin Canal	0	1,835	0	1,835
Bear Island	136	58	0	194
C. D. Smith	48	0	0	48
Woodville Canal	0	7,340	928	8,268
Snake R. Valley	16,654	7,180	0	23,834
Blackfoot Canal	9,057	2,780	0	11,837
Peoples Canal	13,567	5,845	0	19,412
Aberdeen Canal	3,290	31,800	0	35,090
Corbett Canal	2,410	1,038	109	3,557
Trego Canal	880	379	0	1,259
Minidoka District	30,122	12,980	0	43,102
Burley District	0	27,790	0	27,790
Milner Low Lift	20,550	3,335	0	23,885
Twin Falls Canal	0	123,270	2,189	125,459
Hillsdale District	24,800	10,690	3,552	39,042
North Side Canal Co.	0	233,060	56,879*	289,939
Gooding Canal	240,980	0	9,697	250,677
Idaho Power Co.	45,000	0	0	45,000
<b>Total</b>	<b>493,236</b>	<b>506,327</b>	<b>74,781</b>	<b>1,074,344</b>

\* Includes 42,500 ac. ft. for winter savings

The special credit to the North Side Canal Co. for saved winter water is based on the terms of a contract between that company, the U. S. Bureau of Reclamation and the American Falls Reservoir District whereby the No. Side Canal Co. receives credit, out of the allotments for the government leased space and the American Falls Reservoir District space, for 50% of the amount by which it reduces its winter diversions below 600 sec. ft. during November to March incl., provided they are reduced below 500 second-feet.

Due to slight revision at the end of the season in discharge computations at some of the gaging stations there were a few changes in the final figures of storage use prior to the dates of reservoir allotments from those given in the preceding tabulations. Such changes however, were inconsequential and no revision was made in the original allotments.

During the years since the construction of American Falls Reservoir it has been the practice to credit to individual companies, at the time the reservoir allotments are made, the full amount of their holdover from the preceding year. Experience with this reservoir, discloses that substantial losses are experienced during the spring months when it is either holding about stationary or gaining slightly, although a gain generally occurs for a few months on the rapid drawdown later in the season. Considering the fact that the holdover water is held in the reservoir for a full year and that taking the year as a whole the reservoir suffers substantial losses it seems reasonable that some loss should be charged on water hold-over from one year to another. While it is practically impossible

to compute such losses with any degree of precision on account of lack of complete records and many uncertain factors involved it would appear from a study of such information as is available that a deduction of about 3% loss on holdover storage should be charged in the future when making the reservoir allotment each year.

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

In order to take care of a serious situation under a number of canals where some additional water was essential to mature the principal crops a pool of water for rent was secured by writing all owners of storage and normal flow on the river and offering to pay 50¢ per acre-foot for any water that they cared to dispose of. By urgent solicitation it proved possible to secure about 28,000 acre-feet in this manner which was paid for and sold at 50¢ per acre-foot. Details are shown in the following tabulation:

Pool operations, 1935  
(acre-feet)

Secured from:			
Progressive Irrigation Dist.	250	Storage right	
Harrison Canal Co.	300	"	"
Sunnydell Irr. Dist.	80	"	"
Reid Canal Co.	650	"	"
Woodville Canal	1,000	"	"
Blackfoot Canal Co.	257	"	"
Corbett Ditch Co.	70	"	"
Twin Falls Canal Co.	5,364	"	"
Wood Livestock Co. (Sheridan Creek)	700	"	"
West Labelle et al	12,600	Natural flow	
Parks & Lewisville	720	"	"
Penalty on stored normal	1,081	"	"
Idaho Power Co.	<u>5,000</u>	Storage right	
Total	28,052		

Pool operations, 1935 - cont'd.  
(acre-feet)

Rented to:	
Swan Valley Users	1,562
Nelson Canal	50
Mattson Craig Canal	100
Hill Pettinger Canal	41
Marysville Canal	1,126
Farmers Own Canal	571
Enterprise Irr. Dist.	3,000
Canyon Creek Irr. Dist.	250
Conant Cr. Canal Co.	300
Chester Canal Co.	136
Dewey Canal	71
Twin Groves Canal	2,000
Salem Union Canal	1,000
Consol. Farmers Canal	1,880
Butte & Market Lake Canal	4,500
Bear Island Canal	14
Kennedy Canal	599
New Sweden Canal	1,033
Reservation Canal	5,819
Aberdeen Canal	<u>4,000</u>
Total	28,052

*Leo H. Baster*

During the latter part of the season several canals that had lost most of their natural flow rights were permitted to shut off entirely at times and receive credit for 90% of their right. The other 10% went into a penalty charge, part of which was rented by the pool.

On September 30 the Minidoka Project had 50,300 acre-feet of unused Jackson Lake storage left in that reservoir in addition to 25,000 acre-feet of American Falls holdover. There were 222 acre-feet of Jackson Lake storage unused by other companies, or a total of 50,522 acre-feet of unused Jackson Lake rights left on September 30, 1935. The total holdover at Jackson Lake was 113,270 acre-feet so the remaining 62,748 acre-feet in Jackson Lake on that date was American Falls water which was retained in Jackson Lake for 1936 exchange with upper valley owners of American Falls space.

All owners of both Jackson Lake and American Falls space, except the Minidoka Project, elected to exhaust their Jackson Lake rights and retain all holdovers as American Falls water.

In addition to the individual American Falls holdovers listed on plate 14 there was a small gain from bank storage return in American Falls during the drawdown period after the reservoir allotment was made which was used in part to absorb the slight leakage through Milner dam when the Idaho Power Co. was not drawing storage past Milner and the balance was left to apply towards the general American Falls allotment in 1936.

The Gooding Project used 3,710 acre-feet for a stock water run about Nov. 1, 1935 so the final holdover for that project is 3,710 acre-feet less than that shown on plate 14 for September 30.

#### RIVER LOSSES AND GAINS

Losses and gains between river stations are shown by monthly averages in the following tabulations using time intervals shown on plate 15.

#### Gain in Snake River, Moran to Heise stations 1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Moran	1,040	7,610	150,770	184,720	68,849	412,989
Heise	280,460	451,900	366,300	293,460	150,520	1,542,640
Riley ditch	155	731	661	399	161	2,107
Heise & Riley	280,615	452,631	366,961	293,859	150,681	1,544,747
Total gain s.f.	279,575	445,021	216,191	109,139	81,832	1,131,758
Mean gain s.f.	9,019	14,830	6,974	3,521	2,728	7,397
Total gain a.f.	554,500	882,700	428,800	216,500	162,300	2,244,800

The gain or inflow in this section was about double the amount that occurred during the preceding dry year of 1934, the greatest increase occurring during June.

Gain in Snake River, Heise to Shelley stations  
1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Heise & Riley	280,615	452,631	366,961	293,859	150,681	1,544,747
Rexburg	57,491	64,006	16,111	20,745	27,531	185,884
Total supply	338,106	516,637	383,072	314,604	178,212	1,730,631
Diversions	71,210	241,105	240,387	172,702	133,057	858,461
Net supply	266,896	275,532	142,685	141,902	45,155	872,170
Shelley	254,740	272,380	148,080	144,360	59,468	879,028
Total gain s.f.	-12,156	-3,152	-5,395	2,458	14,313	6,858
Mean gain s.f.	-392	-105	174	79	477	45
Tot. gain s.f.	-24,110	-6,250	10,700	4,880	28,390	13,610

The gain in this section, particularly during the last three months, showed some improvement over 1934 conditions but is still far below normal. A year of high river run-off with resulting heavy contributions to the ground water from river losses above Lorenzo and large canal diversions sustained throughout the season will be required to restore conditions that were formerly considered normal in this section of the river.

Loss in Snake River, Shelley to Clough stations  
1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Shelley	252,910	274,850	148,840	146,420	60,280	883,300
Blackfoot River	3,045	950	257	0	0	4,252
Total supply	255,955	275,800	149,097	146,420	60,280	887,552
Diversions	68,006	103,812	93,303	51,686	31,358	348,165
Net supply	187,949	171,988	55,794	94,734	28,922	539,387
Cloughs	175,560	163,830	45,602	83,431	17,777	486,200
Total loss s.f.	12,389	8,158	10,192	11,303	11,145	53,187
Mean loss s.f.	400	272	329	365	372	348
Tot. loss a.f.	24,570	16,180	20,220	22,420	22,110	105,500

Actual losses in this section were about the same as during 1934 although the percentage loss was less due to larger volume of discharge. The overall loss in this section during 1935 amounted to 6% of the discharge at Shelley over and above about 140 sec.-ft. additional loss represented by ground-water inflow into the river above the Clough station during the period covered by the records.

The Thompson station near Pingree, above American Falls Reservoir backwater was temporarily reestablished and operated during the 1935 season for the purpose of determining gains between Cloughs and Thompson. Nearly one-half of the unmeasured gain to American Falls Reservoir, as computed by the Newell formula, occurs between the Clough and Thompson stations and records during occasional years of the gain between <sup>these</sup> points are of value to determine whether there has been any change in inflow conditions. Measuring conditions at the ~~the~~ Thompson station are such that reliable records can not be secured during years of high discharge.

Gain in Snake River, Clough to Thompson stations  
1935

(24-hr. sec. ft. except as noted)

<u>Station</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Clough	84,670	175,690	165,300	45,552	84,277	17,826	573,315
Thompsons	102,050	193,910	181,930	63,519	102,310	35,669	679,388
Gain, s.f.	17,380	18,220	16,630	17,967	18,033	17,843	106,073
Mean, s.f.	579	588	554	580	582	595	580
Gain, a.f.	34,470	36,140	32,980	35,640	35,770	35,390	210,390

Loss in Snake River, Clough to Neeley stations  
1935

(Neeley dates & 24.-hr. sec.-ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Clough	175,390	167,770	45,017	85,015	18,025	491,217
Inflow Reservoir	87,143	75,469	74,520	75,434	73,954	396,520
draft	-4,520	70,110	217,880	107,880	68,860	460,310
Total supply	258,013	313,349	337,417	268,329	160,839	1,337,947
Neeley	246,040	306,590	341,510	272,520	162,160	1,328,820
Tot. loss s.f.	11,973	6,759	-4,093	-4,191	-1,321	9,127
Mean s.f.	386	225	-132	-135	-44	60
Tot. loss a.f.	23,750	13,410	-8,120	-8,310	-2,620	18,110

Due to heavy reservoir losses early in the season, prior to drawdown, there was a net loss during the five months period of 18,110 acre-feet. The reservoir allotment was made as of June 18 when storage ceased and the losses up to that date were automatically absorbed by the reservoir. After that date there was a net reservoir gain of 13,600 acre-feet up to the close of the season on September 30, due to returning bank storage resulting from rapid drawdown of the reservoir.

Daily discharges of the inflow between Clough and Neeley are shown on Plate 10-A, computed in the same manner as during the preceding year.

Loss in Snake River, Neeley to Minidoka stations

1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Neeley	244,530	305,950	341,280	273,200	164,440	1,329,400
Walcott release	- 635	1,390	232	22,530	13,420	36,937
Total supply	243,895	307,340	341,512	295,730	177,860	1,366,337
No. Minidoka	29,399	40,845	48,200	40,440	28,015	186,899
So. Minidoka	21,459	33,103	38,420	37,070	25,999	156,051
Minidoka	190,890	225,230	247,530	214,670	129,910	1,008,230
Total use	241,748	299,178	334,150	292,180	183,924	1,351,180
Tot. loss s. f.	2,147	8,162	7,362	3,550	-6,064	15,157
Mean loss s. f.	69	272	237	115	- 202	99
Tot. loss a. f.	4,260	16,190	14,600	7,040	-12,030	30,060

The net loss in this section amounted to 30,060 acre-feet during the five-months period. The gain of 12,030 acre-feet during September was return bank storage due to drawdown of Lake Walcott.

Gain in Snake River, Minidoka to Milner stations  
1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Minidoka	189,210	224,855	247,370	214,975	133,015	1,009,425
P.A.	1,346	1,803	1,916	1,900	1,468	8,433
Gooding	46,907	56,072	63,092	58,086	18,359	242,516
Milner Low Lift	2,630	3,744	3,901	3,805	2,447	16,527
N. Milner	55,011	72,570	75,820	49,880	31,453	284,734
S. Milner	84,060	89,900	101,710	105,800	80,020	461,490
Milner	306	1,290	272	3,097	8,131	13,096
Total use	190,260	225,379	246,711	222,568	141,878	1,026,796
Tot. gain s.f.	1,050	524	-659	7,593	8,863	17,371
Mean gain s.f.	34	17	- 21	245	295	114
Tot. gain a.f.	2,080	1,040	-1,310	15,060	17,580	34,450

During the period of storage draft a net gain of 13,400 acre-feet between Neeley and Milner was credited to the Minidoka Project in computing the holdover for that project as shown on page 24.

DISTRIBUTION ON HENRYS FORK

Water distribution on Henrys Fork and its tributaries was again under the immediate supervision of Melvin Luke with headquarters at St. Anthony.

Due to lack of storage supplies a number of canals in this section were seriously short of water after midsummer, although the situation was relieved to a certain extent, in some instances, by rentals from the Pool to finish irrigation of the more valuable crops.

Henrys Lake yielded 18,600 acre-feet or 23% of its capacity and 20,679 acre-feet of Jackson Lake storage (less 7.26% loss) was supplied to various canals by exchange for natural flow. Of this amount 10,345 acre-feet represented the American Falls right of the Enterprise Irrigation District and the balance was rented from the Pool.

The Utah Power & Light Co. was obliged to drain the water late in the summer from behind their Ashton power dam to make repairs and thus made available about 7,000 acre-feet, without charge, for distribution to various canals suffering the greatest shortages. This water was later replaced by cutting the St. Anthony and Egin canals to a reduced head until the power pond was refilled.

About 60,000 acre-feet was carried past the lowest canal heading on Henrys Fork during July and August for delivery to prior rights on the main river.

A cooperative investigation with the U. S. Bureau of Reclamation was carried on during the year seeking to determine the natural gain through the Island Park Reservoir site prior to construction of the dam. Measuring stations were maintained on Henrys Fork above and below the reservoir and on all tributaries at points above the reservoir flow line. There are a number of springs tributary to the river in this reservoir site and the information secured by the measurements made during 1935 is expected to be of value in segregating stored water and normal flow after the Island Park dam is built, and in determining possible losses.

The following regulation schedule was in effect on Henrys Fork and Fall River:

June 26	Cut to 1900 priority.
July 3	Cut 50% June 1, 1896 rights.
July 9	Cut Nov. 5, 1895 rights.
July 10	Cut 50% June 14, 1895 rights.
July 14	Cut 25% June 1, 1892 rights.

Balance of year same schedule as main river shown on pages 5-6.

The following schedule was in effect on Teton River:

July	12	Cut rights later than June 1, 1894.
July	15	Cut rights later than June 1, 1885.
July	26	Filled 63% of June 1, 1885 rights.
Aug.	3	Filled one-third of June 1, 1885 rights.
Aug.	13	Cut off 1885 rights.
Sept.	19	Filled 60% June 1, 1884 rights.
Sept.	24	Filled 25% June 1, 1884 rights.

Daily diversions by Henrys Fork canals are shown on plates 16 to 20 incl. and segregation of flow at the various river stations, storage diversions, etc., are shown on plates 21 and 22.

Percentage ownership in Henrys Lake remained the same as during the preceding year. The customary transmission losses on storage of 1.5%, Lake to Warm River, and 0.5%, Warm River to Ashton, were charged as in past years.

The following tabulation of irrigated areas and diversions in the Henrys Fork section is similar to that previously given for the main Snake River. As has been pointed out in previous reports some of these canals suffered shortages considerably greater than would be indicated by their seasonal diversions in acre-feet. Due to fear of impending deficiencies in supply they divert heavily during the early part of the season, far in excess of actual requirements in many instances, and then are seriously short or without water during August and September. — pre-Island Park condition

Table showing diversions and irrigated areas  
Henrys Fork Canals - 1935

Canal	Acre-feet	Acres under canal	Acres irrig. 1935	Diversions Acre-ft. per acre irrig.
<u>FALL RIVER CANALS</u>				
Yellowstone	0	5,000	0	0
Harrigfeld	0	3,500	0	0
Marysville	13,000	15,000	8,000	1.6
Farmers Own	3,810	11,000	4,000	1.0
Almy	293	80	50	5.9
Enterprise	26,650 (a)	7,000	6,000	4.4

Canal	Acre-feet	Acres under canal	Acres irrig. 1935	Diversions acre-ft. per acre irrig.
Fall River canals-cont'd.				
Bell	1,425	160	100	14.2
Fall River	62,100	8,000	8,000	7.8
McBee	1,450	470	180	8.1
Chester	9,700	2,000	1,500	6.5
Silkey	2,920	620	420	7.0
Curr	9,100	1,570	1,570	5.8
Total Fall River	130,448	54,380	29,820	4.4
<u>HENRYS FORK CANALS</u>				
Dewey	3,480	1,670	1,250	2.8
Last Chance	10,820	1,840	1,840	5.9
St. Anthony Union	125,600	10,000	10,000	12.6
Farmers Friend	25,300	4,000	4,000	6.3
Twin Groves	21,300	2,500	2,200	9.7
Salem Union	37,600	5,400	5,200	7.2
Egin	80,500	8,190	8,000	10.1
St. Anth. Union Feeder	23,500	2,500	2,500	9.4
Independent	60,000	7,000	7,000	8.6
Consol. Farmers	44,500	8,000	6,000	7.4
Total Henrys Fork	432,600	51,100	47,990	9.0
<u>TETON RIVER CANALS</u>				
Siddoway	3,000	600	600	5.0
Wilford	26,100	2,000	1,800	14.5
Teton Irrigation	18,200	3,000	2,700	6.7
Good Luck	2,720	328	328	8.3
Pioneer	3,640	400	400	9.1
Stewart	5,300	366	366	14.5
Pincock Byington	3,140	320	280	11.2
Pincock Garner	4,650	580	450	10.3
Teton Isl. Feeder	74,900	10,720	9,500	7.9
North Salem	655	600	600	1.1
Roxana	1,950	1,000	1,000	2.0
Island Ward	5,350	3,300	2,000	2.7
Woodmansee Johnson	2,430	1,310	1,310	1.9
City of Rexburg	7,860	1,295	1,000	7.9
Rexburg Irrig.	50,800 (b)	5,645	5,282	9.6
Saury-Sommers	2,970	660	500	5.9
Total Teton River	213,665	32,124	28,116	7.6
Total Fall River, Henrys Fork & Teton River	776,713	137,604	105,926	7.3

(a) Excludes 250 acre-ft. carried for Canyon Creek District.

(b) Includes 1,500 acre-ft. pumped into canal west of Rexburg

The period of record in the preceding tabulation is May to Sept., incl.

The total diversions for the season of 1935 were 240,000 acre-feet or 45% greater than during the previous dry year of 1934.

The following miscellaneous measurements of winter diversions by various canals on Henrys Fork and tributaries are tabulated as a matter of information.

<u>Canal</u>	<u>Discharge in sec.-ft.</u>			
	<u>Date</u>	<u>Disch</u>	<u>Date</u>	<u>Disch.</u>
Fall River	Jan. 15, 1935	14	Dec. 7, 1935	25
Chester	Jan. 15, 1935	2	Dec. 7, 1935	8
Silkey	Jan. 15, 1935	1	Dec. 7, 1935	0
Curr	Jan. 15, 1935	<u>3</u>	Dec. 7, 1935	<u>4</u>
Last Chance	Jan. 15, 1935	19	Dec. 7, 1935	10
Twin Groves	Jan. 14, 1935	4	Dec. 7, 1935	16
St. Anthony Union	Jan. 14, 1935	<u>128</u>	Dec. 7, 1935	<u>140</u>
Egin	Jan. 14, 1935	24	Dec. 7, 1935	0
St. Anth. Union Feeder	Jan. 14, 1935	5	Dec. 7, 1935	56
Independent	Jan. 14, 1935	68	Dec. 7, 1935	57
Consol. Farmers	Jan. 14, 1935	76	Dec. 7, 1935	30
Siddoway	Jan. 13, 1935	0	Dec. 6, 1935	3
Wilford	Jan. 13, 1935	3	Dec. 6, 1935	22
Teton Irrigation	Jan. 13, 1935	3	Dec. 6, 1935	10
Good Luck	Jan. 13, 1935	1	Dec. 6, 1935	0
Pioneer	Jan. 13, 1935	1	Dec. 6, 1935	4
Stewart	Jan. 13, 1935	1	Dec. 6, 1935	3
Pincock Byington	Jan. 13, 1935	0	Dec. 6, 1935	8
Pincock Garner	Jan. 13, 1935	0	Dec. 6, 1935	2
Teton Isl. Feeder	Jan. 13, 1935	19	Dec. 6, 1935	12
City of Rexburg	Jan. 13, 1935	0	Dec. 6, 1935	8
Rexburg Irrig.	Jan. 13, 1935	0	Dec. 6, 1935	76
Roxana	Jan. 13, 1935	0	Dec. 6, 1935	4
Island Ward	Jan. 13, 1935	0	Dec. 6, 1935	14
Saurey-Sommers	Jan. 13, 1935	0	Dec. 6, 1935	2
Total		<u>372</u>		<u>514</u>
Estimated direct waste back to Henrys Fork		<u>80</u>	22%	<u>110</u> 21%
Net use		292		404

River losses and gains in the Henrys Fork Basin

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

Lake to Island Park	1 day
Island Park to Warm River	1 day
Warm River to Ashton	1/2 day
Ashton to St. Anthony	1/2 day
St. Anthony to Rexburg	1/2 day
Squireel to Chester	1/2 day

Gain in Henrys Fork, Lake to Island Park stations - 1935.  
(Island Park dates and 24-hr. sec. ft. except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Lake	61	60	5,830	3,772	942	10,665
Island Park	25,788	19,199	17,706	14,842	11,551	89,086
Total gain s.f.	25,727	19,139	11,876	11,070	10,609	78,421
Mean gain s.f.	830	638	383	357	354	513
Total gain a.f.	51,030	37,960	23,560	21,960	21,040	155,550

The gain in this section was 55% greater than during the preceding year, most of the increase occurring from snow run-off during May and June.

1935  
Gain in Henrys Fork, Island Park to Warm River stations  
(Warm River dates and 24-hr. sec.-ft., except as noted)

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Island Park	25,528	19,549	17,535	15,090	11,573	89,275
Warm River	41,040	29,706	28,031	25,431	20,807	145,015
Total gain s.f.	15,512	10,157	10,496	10,341	9,234	55,740
Mean gain s.f.	500	339	339	334	308	364
Tot. gain s.f.	30,770	20,150	20,820	20,510	18,320	110,570

The gain in this section was quite uniform throughout the season after the local snow melted during May.

Except during the snow melting season in May the gain is practically all supplied by ground-water inflow. Slightly less than one-half of this inflow is supplied by the Buffalo River and the remainder enters Henrys Fork from springs in the canyon below Island Park basin.

Gain in Henrys Fork, Warm River to Ashton stations  
1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Warm River	41,085	29,921	27,921	25,579	20,824	145,330
Ashton	59,130	41,920	36,490	32,526	31,312	201,378
Total gain s.f.	18,045	11,999	8,569	6,947	10,488	56,048
Mean gain s.f.	582	400	276	224	350	366
Total gain s.f.	35,790	23,800	17,000	13,780	20,800	111,170

Nearly all the gain in this section is supplied by inflow from Warm River and Robinson Creek. About 7,000 acre-feet of the indicated gain during September was due to draining the Ashton Reservoir of the Utah Power & Light Co.

Gain in Fall River, Squirrel to Chester stations  
1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Squirrel	47,318	59,115	21,132	16,456	14,540	158,561
Diversions	9,590	22,681	16,145	6,284	4,664	59,364
Chester	45,562	42,730	6,367	9,930	10,593	115,182
Total acct. for	55,152	65,411	22,512	16,214	15,257	174,546
Total gain s.f.	7,834	6,296	1,380	- 242	717	15,985
Mean gain s. f.	253	210	44	- 8	24	104
Tot. gain a.f.	15,540	12,490	2,740	- 480	1,420	31,710

Gain in Henrys Fork, Ashton to St. Anthony stations  
1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
Ashton	59,145	42,290	36,380	32,675	31,312	201,802
Chester	45,142	43,282	6,608	9,737	10,620	115,389
Total supply	104,287	85,572	42,988	42,412	41,932	317,191
Diversions	33,526	31,576	22,079	14,637	11,185	113,003
St. Anthony	72,200	55,490	22,492	27,224	30,017	207,423
Tot. acct. for	105,726	87,066	44,571	41,861	41,202	320,426
Tot. gain s.f.	1,439	1,494	1,583	- 551	- 730	3,235
Mean gain s.f.	46	50	51	- 18	- 24	21
Total gain a.f.	2,850	2,960	3,140	-1,090	-1,450	6,410

The loss during Aug. & Sept. is probably due to decreased diversions by Fall River canals during those months and resulting drop in water table adjacent to Henrys Fork in this section.

Loss in Teton River, St. Anthony station to lowest diversion  
1935

(24-hour sec.-ft. except as noted)

<u>Station</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Period</u>
St. Anthony	24,437	17,205	14,260	55,902
Diversions	24,406	15,620	11,950	51,976
Total loss s.f.	31	1,585	2,310	3,926
Mean loss s.f.	1	51	77	43
Total loss a.f.	61	3,140	4,580	7,780

No water was passing the lowest diversion during July, Aug. and Sept., although water was doing so in prior months.

Gain in Henrys Fork, St. Anthony to Rexburg stations

1935

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

<u>Station</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Season</u>
St. Anthony	71,810	56,294	22,528	27,049	30,066	207,747
Teton River	9,892	11,257	0	0	0	21,149
Total supply	81,702	67,551	22,528	27,049	30,066	228,896
Diversions	29,770	26,752	21,730	15,312	11,575	105,139
Rexburg	57,491	64,006	16,111	20,745	27,531	185,884
Tot. acct. for	87,261	90,758	37,841	36,057	39,106	291,023
Total gain s.f.	5,559	23,207	15,313	9,008	9,040	62,127
Mean gain s.f.	179	774	494	291	301	406
Total gain a.f.	11,030	46,030	30,370	17,870	17,930	123,230

The total gain in this section during the above period from ground-water inflow and surface waste, resulting from upstream irrigation, amounted to 16% of the seasonal diversions by canals from Henrys Fork, Fall and Teton rivers.

REGULATION IN TETON BASIN

R. L. Sutcliffe was appointed as deputy watermaster and started work on July 18, following request made for regulation a few days previously. The usual difficulties were immediately encountered in attempting to enforce regulation and decrees could not be enforced for more than a few days at a time until Teton County was placed under martial law by the Governor in connection with a strike of

pea pickers. With the assistance of a squad of national guardsmen camped at each headgate, the various Teton Basin headgates were finally closed down on Aug. 16 and remained under regulation in this manner for a month. By Sept. 15 the flow of the various streams had dropped so that regulation was discontinued.

Following are the results of various measurements made in connection with regulation in Teton Basin during 1935.

Trail Creek measurements - 1935

(At times when regulation was in force)

		Gage	Disch.	
Aug. 1	Trail Creek above diversions	1.06	80.16	sec.ft.
	Game Creek " "	.57	26.68	"
	Total supply		106.84	"
	Stock water diversions		6.7	"
	Net supply		100.14	"
	Trail Creek above live water		50.45	"
	Loss		49.69	"
				50% of net supply.
Aug. 17	Trail Creek above diversions	0.92	63.51	sec.ft.
	Game Creek " "	.44	17.61	"
	Total supply		81.12	"
	Stock water diversions		6.00	"
	Net supply		75.12	"
	Trail Creek above live water		38.06	"
	Loss		37.06	"
				49% of net supply.
Aug. 22	Trail Creek above diversions	0.89	64.18	sec.ft.
	Game Creek " "	.41	14.72	"
	Total supply		78.90	"
	Diverted		8.00	"
	Net supply		70.90	"
	Trail Creek above live water		27.25	"
	Loss		43.65	"
				61% of net supply.

Aug. 28 - Trail Creek above diversions	Gage	Disch.	
Game Creek	0.88	53.15	sec. ft.
"	.40	13.74	"
Total supply		66.89	"
Diverted		6.5	"
Net supply		60.39	"
Trail Creek above live water		31.26	"
Loss		29.13	"
		48% of net supply	

Sept. 5 Trail Creek above diversions	Gage	Disch.	
Game Creek	0.85	47.73	sec. ft.
"	.37	12.71	"
Total supply		60.44	"
Diverted		6.7	"
Net supply		53.74	"
Trail Creek above live water		27.94	"
Loss		25.80	"
		48% of net supply	

Sept. 11 Trail Creek above diversions	Gage	Disch.	
Game Creek	0.82	43.27	sec. ft.
"	.36	11.56	"
Total supply		54.83	"
Diverted		6.5	"
Net supply		48.33	"
Trail Creek above live water		23.25	"
Loss		25.08	"
		52% of net supply	

MISCELLANEOUS MEASUREMENTS

<u>Stream</u>	<u>Date</u>	<u>Gage</u>	<u>Disch. (sec. ft.)</u>
Trail Creek above diversions	July 24	1.14	94.3
do.	Aug. 6	.98	78.1
Game Creek above diversions	July 24	.67	32.8
do.	Aug. 6	.51	24.1
Darby Creek above diversions	July 26		42.5
do.	Aug. 24		19.4
do.	Sept. 5		12.5
Teton Creek above diversions	July 26		140
do.	Aug. 24		45.8
do.	Sept. 6		26.6
So. Leigh Creek above diversions	July 26		39
do.	Aug. 24		14.1
do.	Sept. 6		7.7
No. Leigh Creek above diversions	July 26		22.1
do.	Aug. 24		7.6
do.	Sept. 6		4.9

Miscellaneous measurements - cont'd.

<u>Stream</u>	<u>Date</u>	<u>Gage</u>	<u>Disch. (sec. ft.)</u>
Fox Creek above diversions	July 25		31.2
do.	July 30		28.0
do.	Aug. 18		16.0
do.	Sept. 5		9.3
Warm Creek below diversions south of Victor	Aug. 17		7.4
do.	Sept. 11		5.5
String Canal at head	Aug. 5	0.20	31.2
Spring Creek at Breckinridge gate near Tetonia	Aug. 2		13.6
Packsaddle Creek above diversions	July 28		1.6
Horshoe Creek above diversions	July 28		5.8
Mahogany Creek " " "	July 28		5.9

At the time of the measurement of 13.6 sec. ft. on Spring Creek on Aug. 2, this stream had all been flowing down the creek for the preceding 24 hours and was sinking before reaching Teton River. The Fox Creek discharge of 28 sec.-ft. on July 30 was turned down the creek, except 5 sec.-ft. for stock water, and lacked about 1/4 mile of reaching live water 24 hours later and was making no further progress downstream.

A similar test on Fox Creek was made during the latter part of August, lasting several days when the discharge was 16 second-feet, but the water did not progress as far downstream as it did at the time of the earlier test.

The following miscellaneous measurements were made at various points in the Henrys Fork area.

<u>Stream</u>	<u>Date</u>	<u>Discharge (sec. ft.)</u>
Pump into Teton Island Feeder Canal, 2 $\frac{1}{2}$ mi. W. and 3/4 mi. N. of Rexburg	Aug. 28, 1935	9.4
Pump into Rexburg Canal W. of Rexburg	Aug. 1, 1935	12.0
Conant Cr. Canal at head	July 31, 1935	18.2
Canyon Creek Canal at head	Aug. 2, 1935	9.4
do.	Aug. 8, 1935	8.7
do.	Aug. 24, 1935	8.1

#### DISTRIBUTION IN SWAN VALLEY

Chas. Burton was selected by the users in this section as their local watermaster and his services were paid for directly by them. After water became short along in July the users in this section rented a total of 1562 acre-feet from the Pool which was estimated as the amount that would reach the river if the rights on the several creeks in this section were regulated according to river priorities. Under this arrangement the users diverted the full flow of the various creeks during the latter part of the season.

#### CLIMATOLOGICAL DATA

Monthly records showing actual and normal precipitation at eight long-time record stations are shown in the following tabulation.

Precipitation in inches

Actual and normal for year ending Sept. 30, 1935

Month	Snake R., Wyo.		Moran, Wyo.		Irwin, Ida.		Ashton, Ida.	
	Act.	Norm.	Act.	Norm.	Act.	Norm.	Act.	Norm.
Oct. 1934	2.61	2.16	2.81	1.79	0.50	1.29	0.49	1.28
Nov.	2.15	2.76	2.07	1.82	1.14	1.08	1.89	1.25
Dec.	3.22	2.73	2.50	1.72	1.16	1.16	1.79	1.62
Jan. 1935	2.94	4.46	1.55	2.44	0.83	1.34	1.25	1.85
Feb.	0.97	2.76	1.06	2.15	0.62	1.08	.76	1.33
Mar.	4.21	3.08	3.21	2.08	1.46	1.32	1.46	1.14
Apr.	4.07	2.08	2.61	1.72	0.78	.86	1.75	1.18
Total Oct. to Apr.	20.17	20.03	15.81	13.72	6.49	8.13	9.39	9.65
May	2.16	2.41	2.34	1.82	1.33	1.66	2.14	1.97
June	1.28	2.31	1.15	1.72	0	1.38	0.78	1.44
July	0.47	1.58	0.19	1.30	.02	.93	0	0.93
Aug.	0.99	1.69	0.80	1.29	.24	.98	.27	.70
Sept.	0.92	1.74	0.39	1.92	.42	1.24	.08	1.16
Year	25.99	29.76	20.68	21.77	8.50	14.32	12.66	15.85

Month	Idaho Falls		Blackfoot		Pocatello		Twin Falls		Mean 8 sta.	
	Act.	Norm.	Act.	Norm.	Act.	Norm.	Act.	Norm.	Act.	Norm.
Oct. 1934	0.25	1.06	0.47	1.06	0.65	1.16	0.74	0.90	1.06	1.34
Nov.	1.11	.82	1.17	.76	2.14	.89	1.79	1.09	1.68	1.31
Dec.	1.40	1.12	.85	.91	1.30	1.21	0.31	1.00	1.57	1.43
Jan. 1935	1.02	1.35	1.10	1.01	1.37	1.39	0.34	1.10	1.30	1.87
Feb.	0.58	1.05	0.11	.84	0.34	1.27	.73	0.93	0.65	1.43
Mar.	0.79	.86	1.82	.88	1.06	1.31	.61	.98	1.83	1.46
Apr.	0.59	.89	1.82	.89	2.94	1.43	1.92	.98	2.06	1.25
Total Oct. to Apr.	5.74	7.15	7.34	6.35	9.80	8.66	6.44	6.98	10.15	10.09
May	1.02	1.37	0.95	1.36	1.69	1.52	1.98	0.99	1.70	1.64
June	0	1.10	0	.87	.02	1.09	.07	.68	0.41	1.32
July	0	.61	.05	.70	.08	.77	.03	.37	0.10	0.92
Aug.	0.07	0.61	0.04	0.63	0.28	0.71	0	0.21	0.34	0.85
Sept.	0.12	0.81	0.50	0.84	0.10	0.81	0	0.55	0.32	1.13
Year	6.95	11.65	8.88	10.75	11.97	13.56	8.52	9.78	13.02	15.95

The accumulated precipitation during the winter months was about up to normal at most of the stations when the irrigation season began in May but a marked deficiency in precipitation occurred at every station for each month during the 4 months June to Sept. incl. The almost total lack of summer precipitation in the irrigated sections resulted in a heavy demand for water by those canals with adequate supplies. At the same time the shortage of precipitation on the upper watershed caused a steady decrease in the natural flow supply and resulted in cuts to earlier priorities than seemed likely at the beginning of the season.

Weather conditions were on the whole favorable for crop production and fairly satisfactory yields of most crops were generally secured even in those areas that had their water supply curtailed during the latter part of the season. The potato, beet and apple crops suffered substantial damage in individual instances due to continued severe freezing weather beginning about the middle of October. Some damage was suffered by the bean crop due to blight.

#### CONSTRUCTION WORK

A new cable was installed at the Rexburg station to replace the old one that pulled apart during 1935 after 27 years of service. Minor repairs were made at several other stations. The U. S. Bureau of Reclamation installed automatic recorder stations on Henrys Fork for use in operating the Island Park Reservoir.

EXPENDITURES DURING YEAR ENDING DEC. 31, 1935

Engineers & Hydrographers

Lynn Crandall,	Salary 1 year	\$4800.00
W. V. Iorns,	" " "	2584.08
Melvin Luke,	" 6.03 mos. @ \$175	1055.47
Geo. H. Powell,	" 3.33 " @ \$125	416.67
F. W. Tolles,	" 3.4 " @ \$125	425.00
R. L. Sutcliffe,	" 1.93 " @ \$135	261.00
W. N. McConnel	" 4 " @ \$ 50	200.00

Clerks

Ann B. Kammers	" 1.49 " @ \$140	208.36
Effie C. Jones	" 10.9 " @ \$135	1471.50
Helen Gourley	" 0.72 " @ \$135	96.75

River Riders

Clarence Madsen	77 days @ \$6, incl. mileage	462.00
D. R. Crystal	99 " @ \$5.50 " "	544.50
H. M. Bramwell	99 " @ \$5.50 " "	544.50
Eugene Liljenquist	99 " @ \$5.00 " "	495.00
S. W. Emmerton	39 " @ \$5.50 " "	214.50
W. Lenz	2.90 mos. @ \$40 " "	116.00
M. Bean	2 mos. @ \$20 " "	40.00

Miscellaneous

Transportation, 43,746 miles @ 6¢ a mile,	2624.74
Telephone and telegraph,	392.15
Supplies and equipment,	1035.19
Gage readers,	663.58
Construction & repairs,	223.23
Bond premium & insurance,	74.38
Miscellaneous,	<u>316.55</u>
Total,	<u>\$19,265.15</u>

Expenditures from various funds

Normal flow users	
Jackson Lake & American Falls storage	\$6450.79
Storage Sales account	4211.38
Henrys Lake storage users	1287.31
Twin Lakes " "	82.41
State of Idaho Stream Gaging fund	6.73
U. S. Geological Survey	1957.04
Federal Power Commission	5210.24
	<u>59.25</u>
Total,	\$19,265.15

In addition to the foregoing, upper valley members of the Committee of Nine were paid \$470.71 which was prorated among upper valley canals.

Funds on hand Jan. 1, 1936

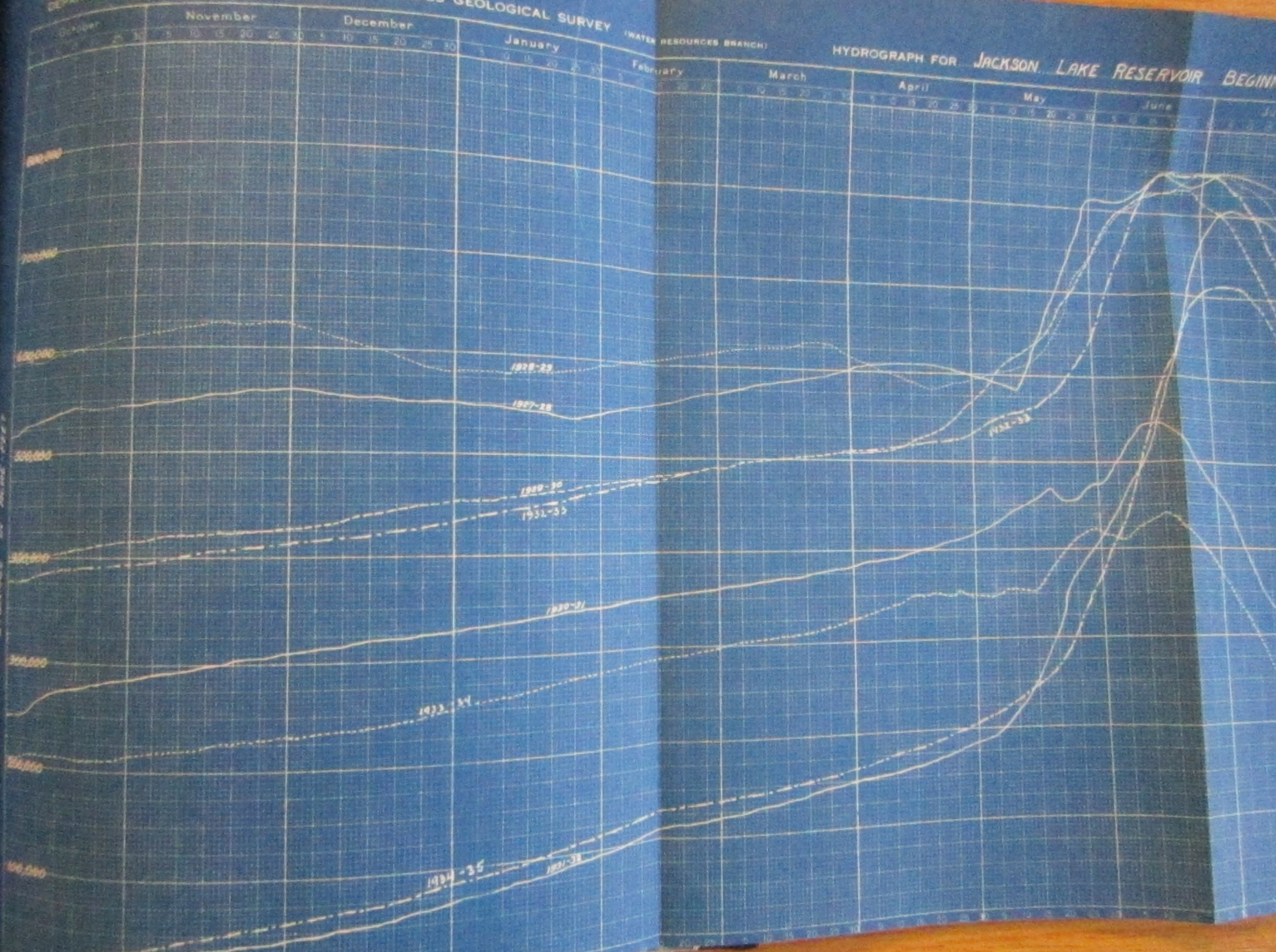
U. S. Geological Survey	\$1992.55
State of Idaho	1043.08
Normal Flow fund	2867.25
North Fork Reservoir Co.	28.92
Twin Lakes storage users	8.35
Storage Sales account	<u>5360.45</u>
Total,	\$11,300.58

# MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS

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

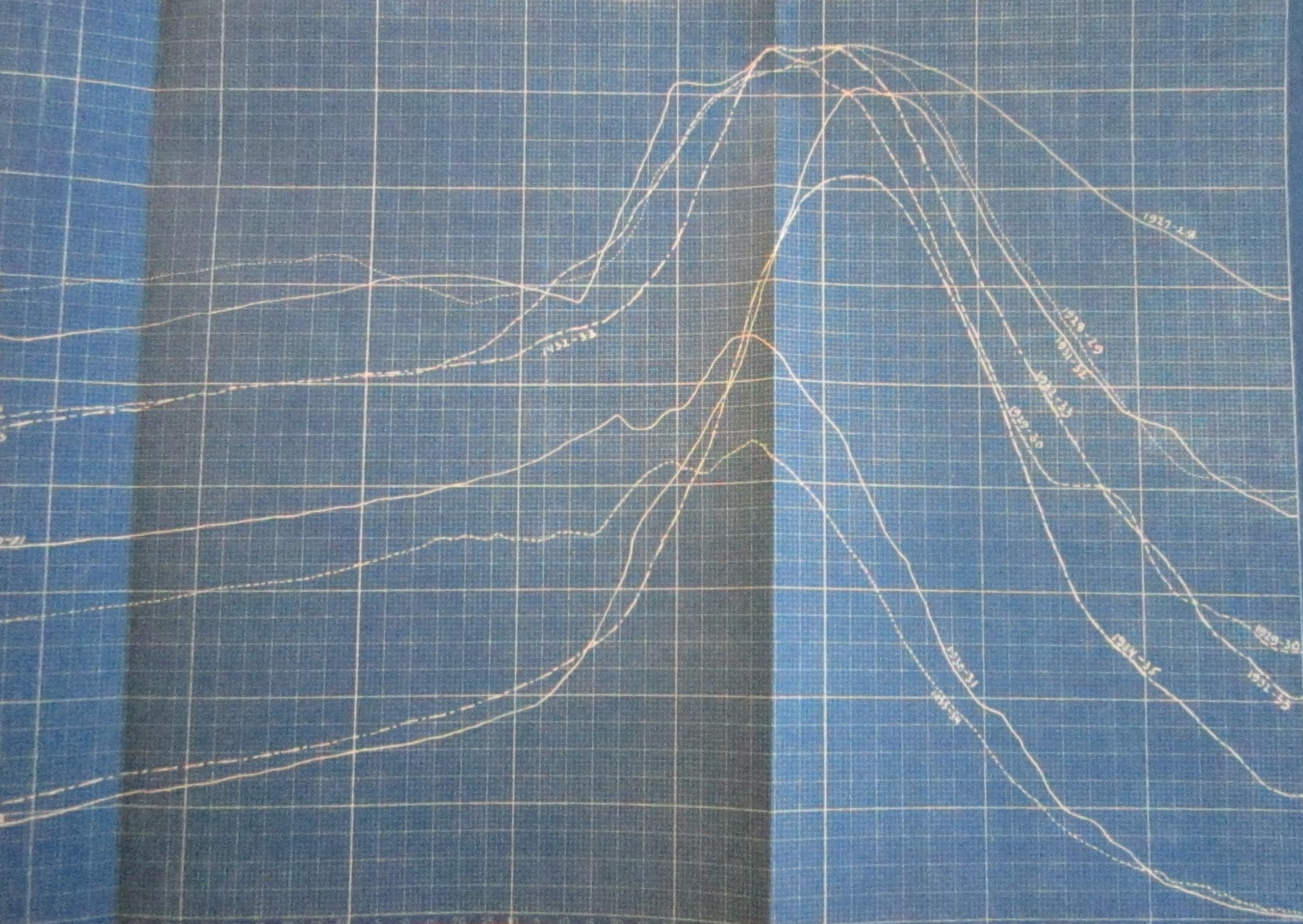


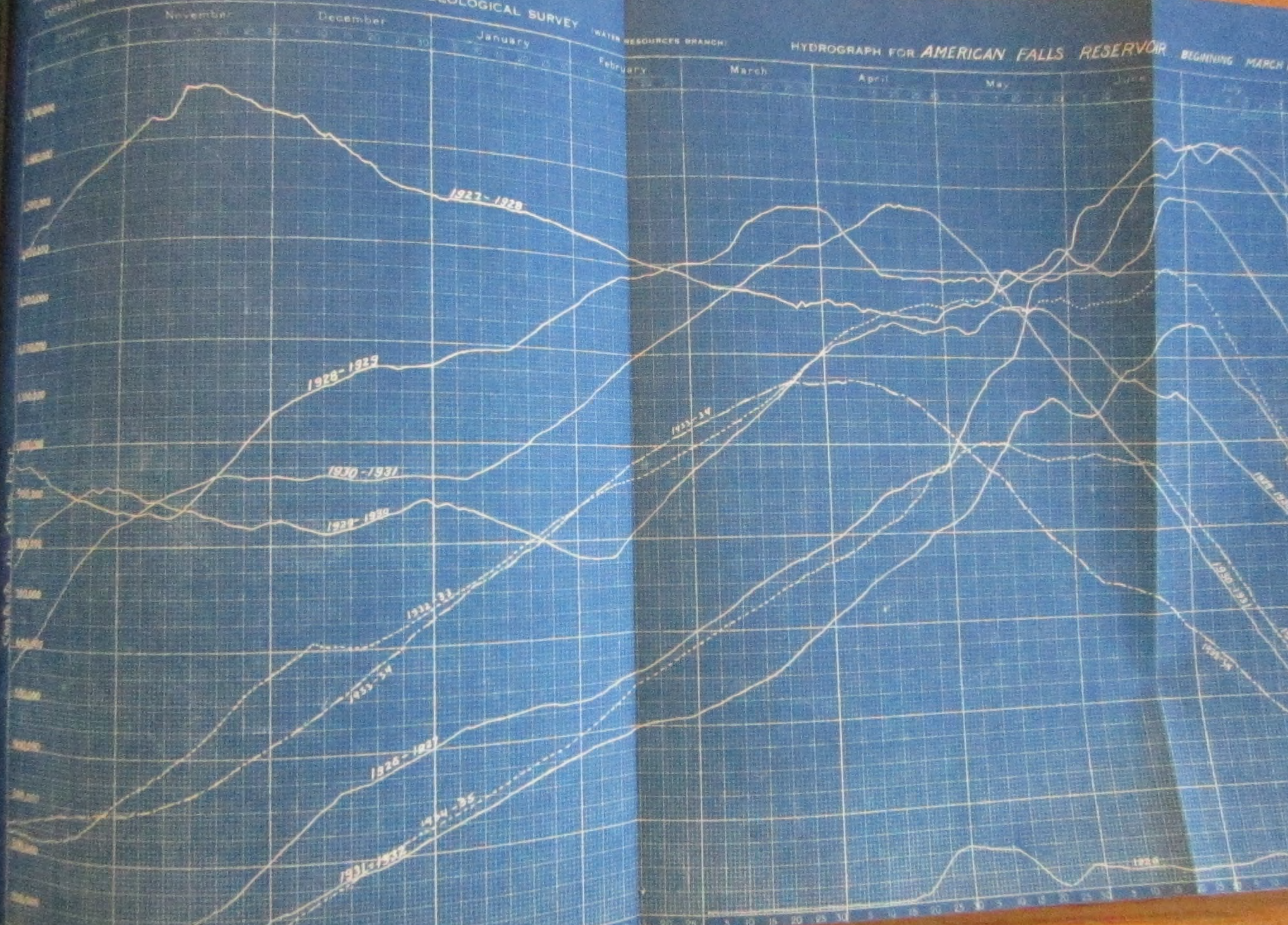
HYDROGRAPH FOR JACKSON LAKE RESERVOIR BEGINNING



HYDROGRAPH FOR JACKSON LAKE RESERVOIR BEGINNING OCT. 1, 1927

January February March April May June July August September





# HYDROGRAPH FOR AMERICAN FALLS RESERVOIR BEGINNING MARCH 1, 1926

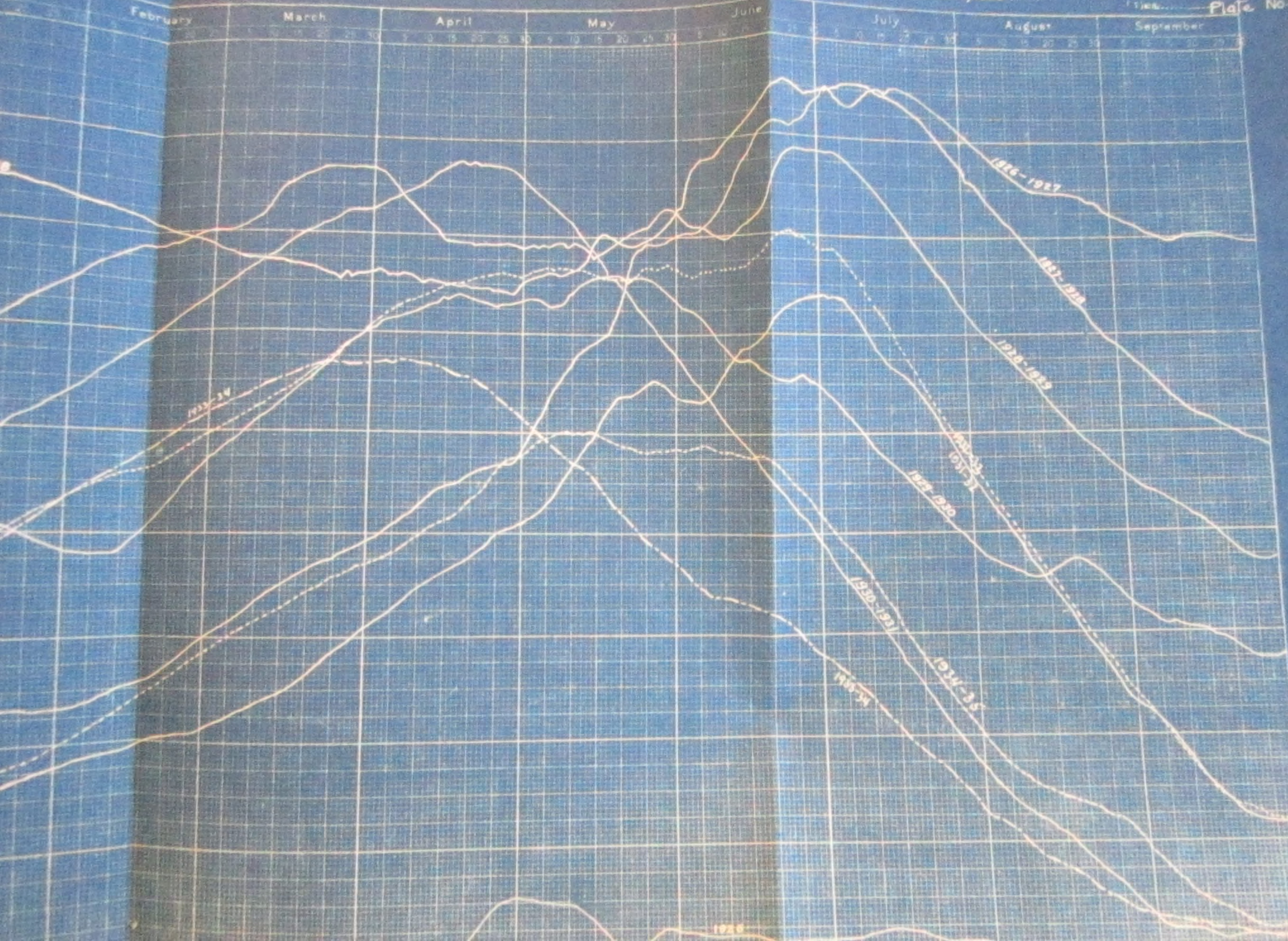
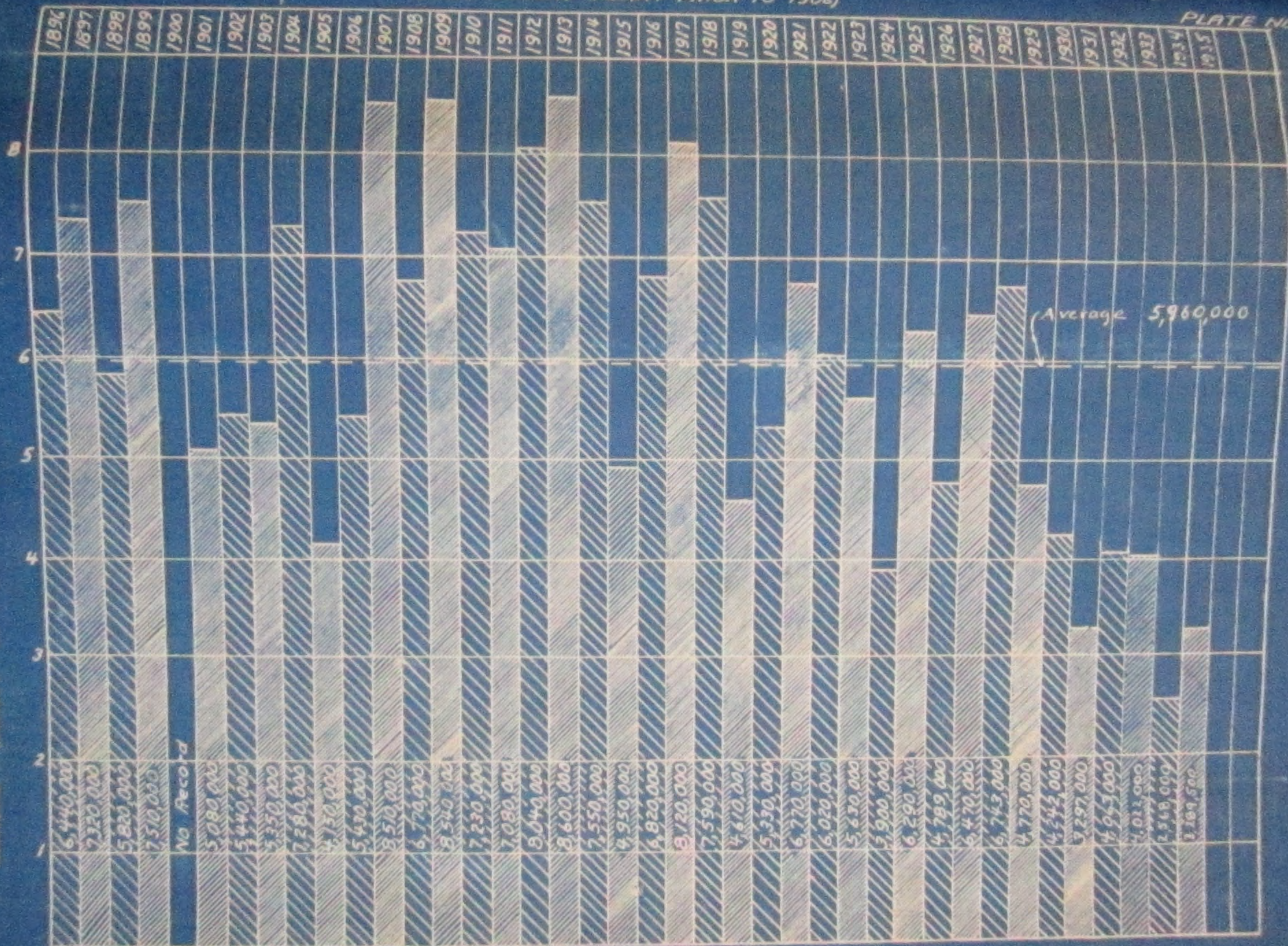


DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE- FEET OF SNAKE RIVER AT NEELEY, IDAHO  
 (MONTGOMERY FERRY PRIOR TO 1906)

PLATE NO. A

ANNUAL RUNOFF IN MILLIONS OF ACRE- FEET

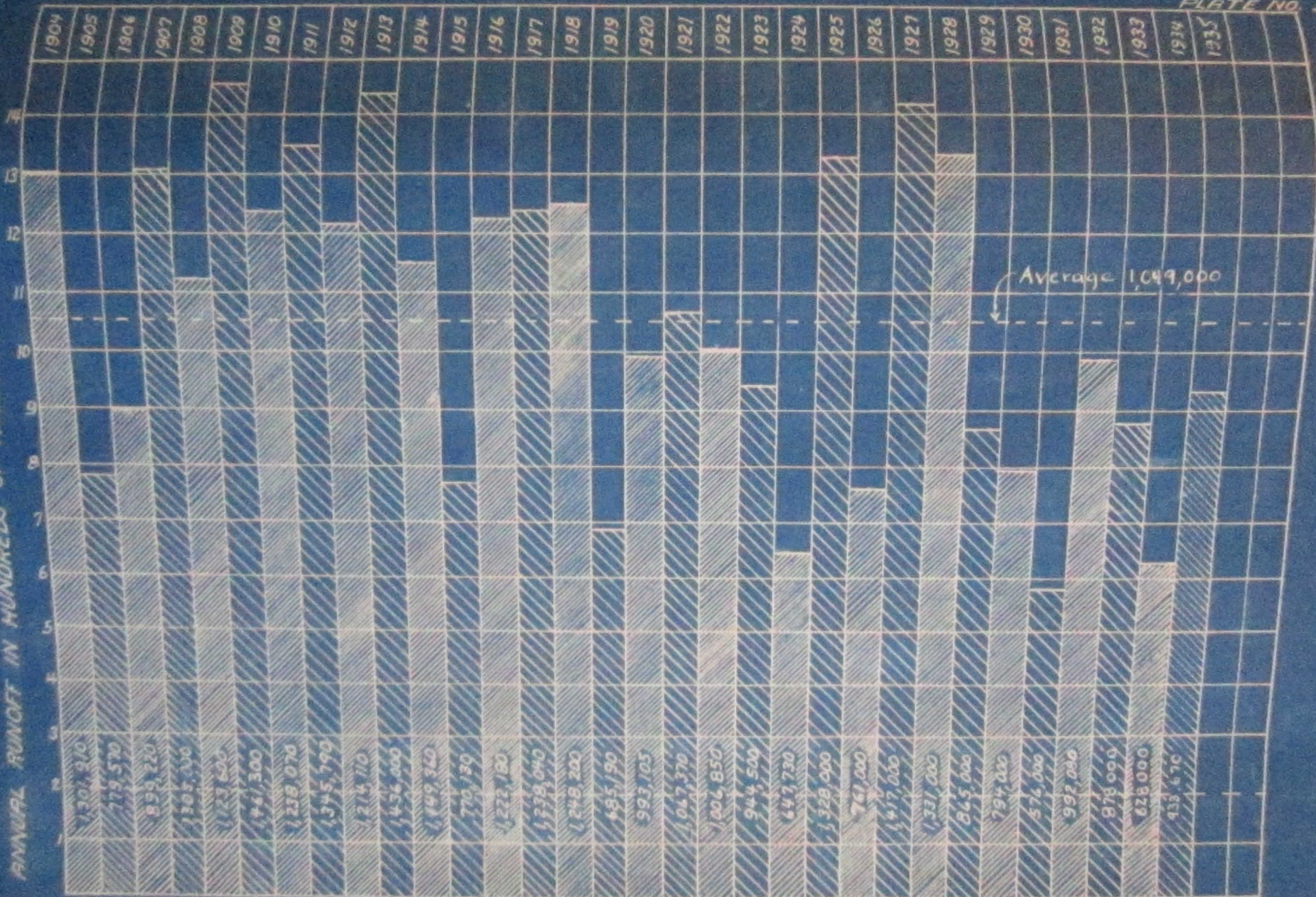


Average 5,960,000

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

DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE- FEET OF SNAKE RIVER AT MORAN, WYO. PLATE NO. 5

ANNUAL RUNOFF IN HUNDREDS OF THOUSANDS OF ACRES FEET



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 1935

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
AILEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANDERSON	28	28	28	28	28	28	25	30	35	40	50	55	54	64	84	105	104	107	102	103	103	104	105	108	123	120	140	410	400	390	385	3481	
EAGLE ROCK	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	12	12	12	12	12	14	20	20	10	10	10	10	10	10		
FARMERS FRIEND	6	6	6	6	6	6	6	6	6	6	6	6	6	6	20	20	20	20	20	20	20	20	20	20	20	200	200	291	294	300	310	2072	
ENTERPRISE	7	7	7	7	7	7	7	7	7	10	12	12	12	12	12	12	12	35	50	50	50	50	50	50	50	64	111	108	107	106	104	104	104
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	13	13	13	13	13	65	
MATTSON & CRAIG	1	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	21	21	21	21	21	123	
RANSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BUTLER ISLAND	7	7	7	7	7	7	7	7	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HARRISON	0	0	20	40	40	40	40	30	30	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHENEY	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	7	7	7	7	
BOOMER	0	0	0	8	8	8	8	8	10	11	12	14	16	16	15	15	14	14	13	13	12	12	11	10	8	7	7	7	7	7	7		
RUDY	0	0	0	0	0	0	0	0	0	15	30	30	30	30	30	30	30	40	45	55	60	63	84	127	150	147	171	137	143	150	121	1726	
KITE & NORD	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	2	2	4	3	2	4	4	
BURGESS	0	0	0	254	254	254	262	270	278	284	294	302	309	325	342	355	368	382	395	403	410	430	441	538	590	639	622	734	660	580	510	11487	
CLARK & EDWARDS	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	20	29	30	31	32	31	30	30	31	31	38	39	40	40	45	701	
LOWDER	0	0	0	0	0	0	0	0	10	10	10	10	11	11	11	12	12	12	13	13	14	14	15	15	15	15	15	15	15	15	15	15	
JENNINGS	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	
EAST LABELLE	0	0	0	0	0	0	0	0	0	0	0	20	43	40	40	12	12	12	12	12	12	12	12	139	130	128	126	125	125	125	132	1269	
SUNNYDELL	10	10	10	10	10	10	10	5	0	0	0	0	0	0	30	30	30	30	30	30	30	30	32	34	36	35	34	34	51	51	70	77	
LENROOT	18	18	18	18	18	18	18	18	18	20	22	24	24	24	24	24	50	80	80	80	80	82	92	85	96	111	107	109	122	118	116	114	1766
REID	0	0	0	0	0	0	0	6	6	7	8	9	8	7	0	0	43	45	44	44	45	87	77	72	69	68	66	126	122	108	110	1177	
TEXAS FEEDER	41	41	41	41	44	41	41	41	41	41	41	41	40	143	147	143	147	147	154	147	151	143	161	141	233	233	210	191	202	245	245	3768	
NELSON-COREY	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	
HILL-PETTINGER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
RIGBY	0	0	0	0	0	0	0	0	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	7	7	7	7	7	7	7	10	20	30	40	50	50	50	50	50	50	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
DIRTS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
W. LABELLE & L. ISLAND	8	8	8	8	8	8	8	8	8	10	15	20	21	21	21	21	21	21	70	100	114	114	114	114	114	114	114	150	180	180	180	1901	
PAKES & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NORTH RIGBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WHITE	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
ELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BHAMWELL	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BUTTE & MNT. LAKE	110	110	110	110	110	110	115	120	125	130	138	150	150	150	150	160	160	160	160	160	170	170	180	180	185	190	200	205	205	105	205	4783	
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENNEDY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	7	7	7	7	7	7	7	
IDAHO	0	0	0	0	0	0	0	0	0	103	103	115	103	103	103	103	168	150	133	133	133	133	261	283	364	422	379	542	713	713	713	773	6746
GREAT WESTERN	43	43	56	73	80	80	98	103	123	140	145	145	145	148	169	190	198	205	211	211	212	226	234	244	247	246	268	290	264	304	328	5471	
PORTER	30	30	37	46	46	45	45	46	46	46	46	46	46	46	52	58	64	64	64	64	64	93	99	99	99	104	104	120	99	132	154	2128	
COY & KELLER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WOODYVILLE	8	8	8	8	12	17	19	19	22	23	24	25	25	24	24	25	33	33	33	35	35	30	37	37	37	37	37	51	69	69	68	932	
SNAKE RIVER VALLEY	171	169	165	162	161	161	166	168	167	199	216	217	259	275	267	273	298	278	235	264	292	325	382	412	403	369	405	446	482	441	437	8626	
TOTAL HEISE TO SHELLEY	508	506	542	847	850	863	904	935	1081	1205	1301	1358	1433	1582	1680	1771	1927	2019	2151	2280	2416	2609	2819	3327	3593	4121	4677	5466	5398	5501	5952	71210	
RESERVATION	196	196	192	189	212	231	267	299	321	380	424	456	496	540	570	596	606	615	615	574	560	562	585	610	582	558	693	652	620	630	613	19491	
BLACKFOOT	54	54	54	54	69	72	75	78	84	76	76	75	80	109	106	167	128	148	167	167	168	168	174	180	185	221	243	265	301	290	275	4466	
NEW LAYS SIDE	0	0	0	0	0	42	32	44	46	53	63	61	68	78	101	101	78	84	82	96	98	89	89	101	89	95	116	120	125	101	101	2172	
PEOPLES	44	44	44	44	0	0	178	175	175	291	345	406	399	453	473	473	465	343	309	304	304	391	404	425	425	456	456	0	240	472	4927		
ABERDEEN-SPRINGFIELD	54	54	54	54	54	575	548	639	680	734	789	811	842	864	873	870	889	867	842	820	795	798	839	842</									

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

Table with columns for canal names (e.g., SHELLEY, ANDERSON, EAGLE ROBE) and 30 daily discharge measurements, plus a TOTAL column. The table lists numerous canals and their corresponding daily discharge values in square feet.

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

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL			
BLUET	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	744			
ANDERSON	283	301	301	290	290	304	298	328	324	344	340	357	344	345	359	374	363	302	300	285	287	271	255	288	294	297	277	269	283	272	294	18254			
BOULE ROULE	514	505	503	507	508	505	490	496	489	480	483	530	516	540	539	514	463	302	300	285	287	271	255	288	294	297	277	269	283	272	294	11156			
FARMERS FRIEND	346	346	344	344	343	316	312	342	342	340	338	342	342	340	338	370	376	374	373	372	370	368	386	385	385	385	385	385	385	385	385	3641			
ENTERPRISE	185	174	185	185	185	183	180	185	185	184	117	118	117	116	117	93	92	91	90	66	65	65	64	64	85	94	93	91	65	64	41	40			
NELSON	0	0	4	4	5	0	0	5	0	0	0	0	3	0	0	3	0	0	3	0	0	0	3	3	0	0	0	0	0	3	3	1			
MATTSON & CRAIG	20	21	20	21	21	21	20	20	21	21	9	9	9	9	9	8	8	8	7	10	7	7	7	7	8	8	8	11	14	14	7	400			
HANSBERGER	4	6	3	5	6	4	3	2	3	3	2	5	4	5	6	5	5	6	5	4	0	5	6	6	6	0	0	0	0	0	0	103			
BUTLER ISLAND	52	48	48	46	47	46	47	46	46	46	46	46	44	46	47	46	47	49	48	47	46	45	44	43	43	43	44	52	52	0	51	1401			
ROSS & RAND	8	5	7	7	3	3	6	6	4	4	5	5	5	5	5	5	5	5	4	5	4	7	4	4	3	4	4	0	0	0	3	134			
STEELE	9	10	8	8	8	7	7	7	7	7	7	7	7	7	7	9	9	10	10	11	11	11	10	10	10	10	9	9	8	9	8	267			
HARRISON	488	485	475	473	473	473	471	475	475	471	475	475	477	477	477	469	469	464	469	311	311	311	311	311	311	311	311	475	473	463	458	454	452	452	13792
CHENEY	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	190		
BOOMER	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	351		
RUDY	192	192	190	191	191	192	192	192	192	192	192	192	189	188	186	184	182	179	177	175	175	175	175	175	189	187	185	183	182	180	179	180	5750		
NITE & NORD	8	8	7	7	7	6	6	6	6	5	8	7	7	7	7	7	7	7	6	6	6	6	6	6	5	5	5	5	4	4	4	5	190		
BURGESS	853	800	800	800	800	796	800	800	800	800	796	796	796	791	791	787	787	787	782	782	782	778	778	774	774	769	769	765	765	760	776	24234			
CLARK & EDWARDS	71	71	70	70	70	70	69	69	68	68	70	70	70	70	70	70	70	70	70	70	70	69	68	68	67	68	67	66	66	65	64	2134			
LOWDER	46	46	46	46	46	46	46	46	46	49	52	52	54	54	54	54	54	49	39	39	24	24	24	24	24	24	23	20	20	20	20	1210			
JENNINGS	6	6	6	6	6	6	6	6	6	6	6	2	2	3	3	4	5	3	6	6	6	6	6	6	6	6	5	5	5	5	5	5	161		
EAST LABELLE	127	120	122	124	125	124	122	122	125	125	124	125	125	125	125	132	125	122	125	122	122	122	120	119	118	106	118	118	119	125	128	128	3807		
SUNNYDELL	158	154	152	152	158	158	154	153	152	148	93	132	128	154	101	91	91	87	92	96	97	91	87	89	89	101	91	78	97	99	3480				
LENFOOT	161	163	176	178	176	160	138	128	128	120	30	54	52	52	107	127	136	136	131	136	141	134	92	92	85	85	83	83	161	152	161	3768			
REID	163	154	150	150	150	150	150	147	150	147	150	150	150	150	150	111	180	150	150	150	151	151	151	146	151	148	151	162	155	151	152	154	4543		
TEXAS FEEDER	277	269	277	275	275	267	275	279	271	278	275	273	273	271	269	269	259	257	241	227	212	212	212	212	212	212	212	214	214	214	214	7696			
NELSON-COREY	16	16	16	15	16	14	16	16	16	17	17	16	17	17	17	17	18	18	17	18	18	18	17	10	10	10	10	10	10	10	10	472			
HILL-PETTINGER	8	8	8	7	7	8	6	6	6	6	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	2	1	2	1	126		
RIGBY	172	172	162	162	158	161	160	157	156	186	153	157	156	156	156	158	155	156	156	156	155	155	149	156	153	155	154	154	154	154	159	4870			
ISLAND	162	153	153	156	159	164	164	164	162	159	162	156	167	176	178	174	178	169	174	180	184	173	169	163	100	100	100	95	95	95	95	4678			
DILTS	28	28	27	28	27	27	27	27	27	27	26	27	27	27	30	26	28	28	27	28	28	27	28	28	27	28	28	28	28	28	28	28	715		
W. LABELLE & L. ISLAND	532	543	527	545	516	516	516	516	516	516	516	516	513	513	513	513	524	529	532	532	532	529	516	521	516	529	532	529	526	526	16236				
HARRIS & LEWISVILLE	352	352	352	350	329	346	343	348	348	348	348	346	346	346	346	345	345	350	346	348	348	346	317	304	346	341	345	343	343	341	10656				
NORTH RIGBY	51	51	51	51	51	50	51	50	50	50	51	51	51	51	51	51	51	50	51	50	51	50	48	48	47	51	50	50	50	50	50	1539			
WHITE	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	3	3	3	4	5	5	123			
ELLIS	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	141			
BRAMWELL	10	16	16	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	9	9	8	8	8	9	9	284		
BUTTE & MOUNT LAKE	338	338	326	314	330	343	340	327	314	323	311	323	335	344	352	361	362	364	358	353	355	358	361	341	322	343	354	0	0	0	0	9330			
OSGOOD	124	124	124	124	0	0	0	0	0	125	125	125	125	125	125	125	125	125	124	123	122	122	122	122	122	122	122	122	122	122	122	3210			
BEAR ISLAND	3	4	3	0	0	4	3	4	3	0	0	0	4	0	0	0	0	0	0	0	4	3	4	3	4	3	4	3	4	3	4	70			
SMITH	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	9			
KENNEDY	42	43	43	43	0	0	0	0	0	40	41	41	45	44	44	43	44	46	44	42	42	42	42	42	42	37	35	36	38	40	37	1078			
IDAHO	1000	963	963	906	912	957	989	1050	1090	1090	1110	1110	1090	1080	1070	1090	1080	1080	1130	1140	1150	1140	1110	1100	1090	1090	1080	1080	1080	1080	1080	31980			
GREAT WESTERN	452	452	455	463	77	0	0	0	0	263	450	487	507	515	461	460	473	479	476	468	460	453	442	444	442	442	434	439	371	336	342	11639			
PORTER	162	159	162	163	326	326	326	326	326	0	0	0	0	0	0	212	231	231	231	229	229	229	229	229	229	227	226	227	220	113	115	5808			
COY & KELLER	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27			
WOODVILLE	70	68	67	67	67	72	64	0	60	70	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	74	74	0	0	0	42	40	1923		
SNAKE RIVER VALLEY	605	583	629	641	631	601	596	591	605	661	683	695	679	671	695	716	504	437	448	452	400	378	382	391	419	461	475	480	430	407	405	16750			
TOTAL HEISE TO SHELLEY	8161	8018	8035	7847	7568	7480	7436	7459	7608	7842	7746	7938	7910	7939	8162	8109	8149	8107	8132	7936	7856	7778	7654	7566	7615	7660	7717	7512	7239	7198	1083	240387			
RESERVATION	626	610	618	626</																															

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

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL		
ATLEY	24	24	14	14	14	12	12	17	24	19	22	16	17	6	6	14	13	17	11	12	5	13	12	12	4	6	5	6	6	11	11	399		
ANDERSON	363	363	358	362	364	363	363	358	356	352	347	340	319	322	316	324	325	313	307	288	254	242	242	247	239	211	216	295	301	300	319	9700		
APPLE ROCK	688	673	653	657	637	633	602	599	591	591	586	582	580	538	523	490	481	483	490	507	525	565	576	557	553	516	516	463	465	462	480	17285		
FARMERS FRIEND	388	386	368	368	368	368	367	367	367	354	354	352	352	332	332	332	334	334	326	331	308	322	326	337	340	321	334	340	340	340	340	10742		
ENTERPRISE	61	61	68	69	69	68	73	76	76	66	66	65	65	61	60	60	46	34	34	34	32	40	41	36	36	36	36	36	35	37	50	1617		
NELSON	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	8		
MATTSON & CRAIG	10	10	7	7	7	7	8	8	8	8	10	13	7	7	10	10	10	10	10	11	7	7	8	8	6	10	9	11	10	11	13	276		
ARNSEBERGER	0	0	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24		
BUTLER ISLAND	51	51	49	48	48	48	47	44	46	48	47	46	44	41	43	43	43	47	48	46	43	43	42	44	43	42	44	41	40	40	42	1392		
ROSS & RAND	5	5	5	5	5	5	4	4	4	4	4	4	3	3	0	0	0	0	0	0	5	5	6	5	6	5	5	5	5	5	6	122		
STEELE	8	8	8	8	7	7	7	8	8	7	7	6	5	5	5	8	10	10	9	9	10	9	10	10	7	7	8	8	8	8	8	243		
HARRISON	452	450	15	15	15	15	15	15	443	448	448	448	448	443	40	20	40	20	458	448	446	10	10	10	10	10	10	15	454	454	15	6140		
CHENEY	5	5	5	6	5	5	5	0	0	0	0	4	5	8	8	5	5	0	0	0	3	5	5	5	5	5	0	0	0	0	0	99		
BOOMER	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	8	8	8	8	8	8	7	7	7	7	7	7	313		
KUDY	190	189	189	189	189	189	186	184	182	179	177	175	173	173	172	111	111	111	111	111	111	112	111	110	110	110	110	109	106	108	109	4497		
KITE & NORD	4	4	4	0	0	3	2	1	0	0	0	0	0	1	1	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
BURGESS	571	584	571	597	605	605	605	571	559	567	555	542	534	583	572	523	542	520	588	410	406	402	410	410	410	414	418	425	425	445	457	14336		
CLARK & EDWARDS	64	64	63	70	70	70	68	70	72	67	66	66	65	65	65	65	67	67	65	66	65	64	67	67	66	66	66	67	64	69	66	2062		
LOWDER	22	22	22	0	0	9	17	14	24	24	4	17	13	10	17	18	24	6	11	13	8	6	6	6	0	20	15	17	17	11	11	406		
JENNINGS	5	5	5	0	0	0	0	0	0	0	0	0	5	5	6	5	4	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	46	
EAST LABELLE	129	129	130	130	134	130	129	128	118	127	127	129	127	130	128	130	127	125	123	118	130	127	125	124	122	111	109	111	112	112	119	3850		
SUNNYDELL	84	78	0	0	0	49	103	97	112	85	85	98	95	0	0	84	89	93	87	90	78	0	0	0	0	0	0	0	0	0	0	0	1754	
LENROOT	161	27	6	6	6	0	2	2	125	131	127	133	127	2	4	6	4	0	0	0	85	139	141	0	0	0	0	0	0	5	0	1239		
REID	156	156	150	150	150	150	150	134	134	88	74	74	74	71	71	71	96	72	72	72	72	72	124	119	114	68	53	71	67	71	71	3067		
TEXAS FEEDER	214	214	212	214	214	214	214	208	208	189	178	180	180	172	172	172	172	172	172	163	170	163	172	167	86	63	89	98	172	172	5258			
NELSON-COREY	10	10	12	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	9	11	9	10	10	4	10	12	11	12	12	348		
HILL-PETTINGER	1	2	1	2	3	4	3	4	3	2	1	2	1	2	1	2	1	2	0	1	1	2	1	1	0	0	1	2	1	2	1	50		
RIGBY ISLAND	158	159	159	159	159	158	158	159	153	151	157	157	157	157	154	156	156	157	149	142	155	159	159	159	157	159	157	159	156	154	158	4847		
DILTS	28	0	0	0	0	0	33	30	28	0	0	0	0	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2183	
W LABELLE & L ISLAND	524	524	510	521	521	518	518	524	45	74	74	74	537	537	548	551	59	58	63	532	454	510	510	486	497	483	491	500	52	49	50	11395		
PARIS & LEWISVILLE	340	340	338	328	324	324	324	340	350	346	346	343	322	326	316	346	141	141	331	314	304	328	331	317	317	307	308	307	280	242	245	9588		
NORTH RIGBY	50	49	50	50	50	50	50	50	50	48	47	49	48	48	48	47	47	45	47	46	40	46	46	45	45	43	45	45	44	42	1457			
WHITE	6	7	9	9	9	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	3	3	3	3	153		
ELLIS	5	5	6	6	6	5	5	5	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	135		
BRAMWELL	9	4	9	10	10	10	10	9	9	8	8	8	8	9	9	9	8	8	7	7	7	7	8	8	8	8	8	8	8	8	8	8	260	
BUTTE & MOUNT LAKE	0	0	0	320	322	322	329	335	0	0	0	0	0	0	0	0	293	200	200	196	0	0	0	0	0	0	0	0	0	0	0	0	0	3166
OSGOOD	123	123	123	123	122	123	123	123	123	123	123	123	123	123	123	123	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2946
BEAR ISLAND	4	3	4	2	0	4	0	3	0	0	0	0	0	0	0	0	4	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	24	
SMITH	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	0	0	17	
KENNEDY	35	37	39	39	38	38	37	36	32	29	28	27	27	26	24	25	27	25	23	21	19	17	15	13	0	30	30	32	36	32	30	867		
IURHO	1090	1100	1110	1100	1098	1098	1092	1083	1077	1071	1068	1062	1059	1054	1040	104	101	100	102	102	102	101	100	99	98	97	96	95	94	93	92	91	90	22480
GREAT WESTERN	371	366	357	355	350	338	326	326	322	320	314	319	318	322	314	308	313	306	308	307	306	313	316	318	308	300	298	301	296	292	292	292	9910	
PORTER	119	119	119	119	119	119	119	119	120	122	120	120	120	120	120	107	116	116	116	120	125	124	123	123	123	123	123	123	123	123	123	123	3825	
COY & KELLER	1	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	0	25	
WOODVILLE	87	87	87	0	0	0	0	84	84	64	82	82	82	0	0	0	85	85	85	85	85	79	79	0	0	0	0	0	0	0	0	0	1478	
SNAKE RIVER VALLEY	405	439	452	459	452	400	369	362	375	417	429	432	437	410	402	403	402	424	422	402	388	367	356	350	342	334	345	367	385	378	361	12267		
TOTAL HEISE TO SHELLEY	7129	6996	6900	6659	6218	6251	6218	6222	5945	5846	5788	5749	5691	5628	5196	5097	4661	4538	5116	5755	5398	5702	5230	5155	4849	4629	4635	4742	5128	5308	4463	172702		
RESERVATION	108	106	109	157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	780		
BLACKFOOT	0	0	363	364	369	369	369	369	367	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW LAVA SIDE	34	72	74	80	80	80	80	80	79	76	78	82	82	80	82	84	80	84	78	82	80	86	80	78	80	81	78	84	80	87	87	87	2483	
PEOPLES	458	460	0	0	0	0	0	424	427	442	442	446	442	0	0</																			



STREAM	May 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	JUN 1	2	3	4	5	6	7	8	9			
BIG JIMMY CREEK	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31	31	30	30	30	29	29	29	28	28	28	28	28	28			
PORTNEUF RIVER INFLOW BELOW POCAHELLO	328	328	328	328	328	328	328	328	329	330	331	332	333	335	336	337	339	340	341	342	343	344	344	343	342	341	340	339	338	337	336	335	334	333	332	332	322	317	312	311	311		
BIG SPRING CREEK	424	424	424	424	424	424	424	424	423	422	422	421	421	420	420	419	419	419	418	417	417	416	416	416	416	415	415	415	415	415	415	415	414	414	414	414	414	414	414	414	413	413	
CLEAR CREEK	129	129	129	129	129	129	129	129	128	128	127	126	126	125	124	124	123	122	122	121	120	120	120	120	120	120	120	120	121	121	121	121	121	121	121	121	121	119	118	117	116	115	
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6		
HINNEY CREEK	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
WIDE CREEK	54	54	54	54	54	54	54	54	54	54	54	54	55	55	55	55	55	54	54	54	54	54	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	53	53	53	53	53	
PYLE CREEK	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	
MCTUCKER SPRINGS	26	26	26	26	26	26	26	26	26	26	26	26	25	25	25	25	25	24	24	24	24	24	24	24	24	23	23	23	22	22	22	22	21	21	21	21	21	22	23	23	24		
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
TANNER SPRINGS	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	2	2	2	3	3	3	4	4	4	3	3	2	2	2	2	2	
PORTNEUF RIV AT POCAHELLO	322	311	260	231	216	216	220	222	223	227	239	222	216	208	197	193	204	240	235	231	218	210	212	212	197	184	180	173	179	206	201	197	184	180	159	146	119	98	82	77	77	77	
CRYSTAL DITCH	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8	8	8	8	7	7	7	7	7	7	6	6	6	6	7	8	10	11	12	12		
CRYSTAL WASTE	21	21	21	21	21	21	21	21	21	21	22	22	22	23	23	23	24	24	24	25	25	25	25	25	25	25	25	25	25	25	26	26	26	26	26	26	24	23	22	21	20	20	
DANIELSON SPRINGS	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	46	46	46	46	46	46	46	46	46	45	45	43	42	41	40	39	38	37	36	35	34	34	35	35	35	36	36	
ARTESIAN SPRINGS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	
STERLING WASTE	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	8	8	8	8	8	8	7	7	6	6	5	5	4	4	3	3	2	2	2	2	2	2	2	2	1	1	
COLBURN WASTE	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	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	
ABERDEEN WASTE	19	19	19	19	19	19	19	19	21	23	24	26	28	30	31	33	35	36	38	40	41	42	42	42	43	43	43	44	44	44	45	45	44	44	44	44	43	40	37	35	32	32	
TARTAR WASTE	4	4	4	4	4	4	4	4	5	7	9	11	13	15	16	18	20	22	24	26	28	29	27	26	25	24	23	22	21	20	19	18	17	16	15	15	13	12	11	10	10	9	
SCHILTZ WASTE	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	2	2	2	2	2	2	2	2	2	2	2	2	2	
CEDAR WASTE	30	30	30	30	30	30	30	30	29	28	27	26	25	24	22	21	20	19	17	16	15	14	14	13	12	12	11	10	9	9	8	7	6	5	5	5	5	4	4	4	4	4	4
ROSS FORK	35	35	35	35	35	35	35	35	35	35	34	34	34	34	33	33	33	33	32	32	32	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
TRIPLE CREEK	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	5	6	6	6	6	6	5	5	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2
BANNOCK CREEK	27	27	27	27	27	27	27	27	27	26	26	25	25	24	24	23	23	22	22	21	21	20	20	19	18	17	17	14	16	15	14	14	13	12	11	10	9	8	8	8	8	8	
BUGEA SPRINGS	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22	22	21	21	21	21	21	21	21	21	20	20	
TOTAL MEASURED	1601	1570	1539	1510	1495	1495	1499	1501	1503	1509	1524	1508	1506	1502	1490	1491	1507	1543	1548	1590	1529	1523	1528	1515	1493	1476	1461	1469	1468	1469	1460	1477	1430	1424	1393	1359	1288	1296	1291	1291	1291		
UNMEASURED INFLOW	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	
TOTAL INFLOW C. N.	2901	2870	2839	2810	2795	2795	2799	2801	2803	2809	2824	2808	2804	2802	2790	2791	2807	2843	2848	2890	2829	2823	2828	2813	2793	2776	2761	2769	2768	2769	2760	2777	2730	2724	2683	2649	2567	2575	2570	2570	2570	2570	













HOWELLS				DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	NORTH SIDE CANAL CO.				STOR	NORM	TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R AT MILNER		
NORM	STOR.	NORM	TOTAL				GOODING	P.A.	MAIN	TOTAL			STOR.	NORM	STOR.	TOTAL	STOR.	NORM	TOTAL	STOR.	NORM
1620	0	1620	1620	27	8.25	0	722	0	154	921	0	931	0	127	127	0	14	14	0	7	7
244	0	1610	1610	27	8.42	0	809	0	149	958	0	958	0	14	14	0	5	5	0	6	6
277	-508	2198	2198	27	8.58	370	835	0	147	982	0	982	0	1800	1718	0	0	0	0	6	6
811	671	2799	3470	27	8.83	588	793	0	149	942	0	942	0	1670	1800	0	0	0	0	6	6
1143	1588	2602	4190	30	9.12	208	773	0	151	924	0	924	0	1440	1670	0	0	0	0	7	7
1077	1203	2377	3580	MAY 1	9.42	686	773	0	154	927	0	1148	0	1330	1440	0	0	0	0	8	8
881	677	2493	3170	2	10.06	676	780	6	362	1148	0	962	0	1570	1330	0	0	0	0	10	10
815	342	2548	2890	3	10.23	594	407	9	546	962	0	1024	0	1740	1570	0	0	0	0	15	15
790	-76	2776	2700	4	9.99	561	407	10	607	1024	0	1161	0	1870	1740	0	0	0	0	14	14
720	149	3041	3190	5	9.77	576	423	10	728	1161	0	1392	0	2210	1870	0	0	0	0	12	12
717	287	3613	3900	6	9.90	600	428	10	934	1392	0	1546	0	2630	2210	0	0	0	0	10	10
749	472	4188	4660	7	9.93	642	436	10	1100	1546	0	1792	0	2640	2630	0	0	0	0	11	11
919	914	4436	4870	8	10.10	646	441	31	1320	1792	0	2112	0	2640	2640	0	0	0	0	12	12
1069	298	4672	4970	9	10.06	718	441	31	1690	2112	0	2172	0	2510	2510	0	12	12	0	12	12
1207	576	4704	5280	10	9.58	734	450	42	1680	2172	0	2272	0	2470	2470	0	39	39	0	11	11
1207	639	4921	5560	11	9.88	757	450	42	1780	2272	0	2379	0	2560	2470	0	53	53	0	9	9
1127	660	5290	5950	12	9.93	774	497	42	1840	2379	0	2484	0	2800	2560	0	79	79	0	10	10
1143	842	5588	6430	13	9.94	865	594	50	1840	2484	0	2553	0	2980	2800	0	101	101	0	10	10
1268	777	5653	6430	14	9.84	976	661	52	1840	2553	0	2626	0	2970	2980	0	114	114	0	10	10
1500	882	5778	6660	15	9.92	976	730	56	1840	2626	0	2748	0	3020	2970	0	120	120	0	10	10
1694	980	5900	6880	16	9.85	978	730	58	1960	2748	0	2748	0	3020	3020	0	123	123	0	9	9
1726	1340	5630	6990	17	9.79	973	738	58	2080	2876	226	2650	0	3000	3020	0	123	123	0	9	9
1726	1590	5570	7160	18	9.84	971	737	59	2130	2926	356	2570	20	3000	3000	123	0	123	9	0	9
1726	1656	5624	7280	19	10.07	980	737	59	2220	3016	392	2624	80	3000	3080	123	0	123	9	0	9
1694	1720	5450	7370	20	10.22	987	748	59	2260	3067	417	2650	70	3000	3070	123	0	123	10	0	10
1726	1325	5785	7110	21	10.11	982	748	59	2200	3007	222	2785	60	3000	3060	123	0	123	11	0	11
1878	889	6191	7080	22	10.08	980	741	57	2190	2988	0	2988	0	3070	3070	0	124	124	0	10	10
2080	736	6174	7110	23	9.96	976	745	57	2200	3002	0	3002	0	3070	3070	0	124	124	0	9	9
2250	1099	6091	7190	24	9.99	1012	737	59	2320	3116	103	3013	0	3070	3070	0	124	124	0	8	8
2430	1037	6393	7430	25	9.96	1042	741	60	2350	3151	0	3151	0	3070	3070	0	124	124	0	8	8
2560	981	6499	7480	26	9.98	1052	737	60	2420	3217	0	3217	0	3150	3150	0	124	124	0	8	8
2650	923	6587	7510	27	9.98	1052	734	60	2470	3264	0	3264	0	3190	3190	0	126	126	0	8	8
2710	1032	6680	7720	28	10.06	1092	734	60	2510	3304	0	3304	0	3250	3250	0	126	126	0	7	7
2726	1062	6658	7720	29	10.06	1132	734	60	2520	3314	0	3314	0	3250	3250	0	126	126	0	8	8
2726	1141	6579	7720	30	10.14	1152	734	60	2590	3334	0	3334	0	3210	3210	0	126	126	0	8	8
2440	1331	6209	7540	31	10.20	1042	734	60	2410	3204	0	3204	0	3110	3110	0	127	127	0	8	8
1631	1014	5926	6940	JUN 1	9.98	1012	732	60	2240	3032	0	3032	0	2870	2870	0	126	126	0	9	9
1134	784	5986	6770	2	9.91	1012	732	60	2260	3052	0	3052	0	2760	2760	0	126	126	0	8	8
1034	611	6189	6800	3	9.92	1052	729	59	2330	3118	0	3118	0	2800	2800	0	126	126	0	8	8
685	891	6219	7110	4	9.91	1082	728	58	2330	3116	0	3116	0	2940	2940	0	124	124	0	7	7
206	1162	6208	7370	5	9.99	1052	728	58	2330	3116	0	3116	0	2970	2970	0	126	126	0	7	7
412	1154	6156	7310	6	10.08	1022	723	59	2360	3126	0	3126	0	2950	2950	0	125	125	0	7	7
680	1085	6195	7280	7	10.16	1052	724	59	2350	3133	0	3133	0	2950	2950	0	126	126	0	8	8
877	1189	6121	7310	8	10.11	1082	723	59	2380	3162	59	3103	0	2880	2880	0	124	124	0	8	8
350	1349	6000	7240	9	10.04	1082	739	59	2420	3218	218	3000	0	2930	2930	0	125	125	0	8	8
530	1423	5857	7280	10	10.03	1072	717	60	2440	3217	217	3000	0	3010	3010	125	0	125	7	0	7
710	1321	5929	7250	11	10.16	1082	707	61	2460	3228	187	3041	0	3000	3000	124	0	124	0	7	7
726	903	6437	7340	12	10.08	1072	714	61	2470	3245	0	3245	0	2850	2850	124	0	124	0	8	8
726	1048	6582	7630	13	10.10	1082	768	61	2500	3329	0	3329	0	2880	2880	0	124	124	0	8	8
726	1218	6582	7800	14	10.02	1082	768	61	2500	3329	0	3329	0	3040	3040	0	125	125	0	8	8
726	1245	6615	7840	15	10.10	1082	769	61	2510	3339	0	3339	0	3120	3120	0	125	125	0	8	8
726	1291	6659	7950	16	10.17	1082	773	61	2530	3360	0	3360	0	3110	3110	0	125	125	52	0	52
726	1347	6633	7980	17	10.12	1082	776	61	2550	3384	0	3384	0	3130	3130	0	125	125	193	0	193
726	1348	6662	8010	18	10.28	1082	776	61	2540	3377	0	3377	0	3150	3150	0	126	126	191	0	191
726	1346	6514	7860	19	10.20	1082	778	61	2570	3427	0	3427	0	3130	3130	0	125	125	155	0	155
									2520	3359	0	3427	0	3110	3110	0	125	125	150	0	150

DAILY

DATE	JACKSON LAKE	MORAN			TWIN LAKE STORED	MORAN + TWIN LAKE STORED	MORAN HEISE LOSS STORED	DIVERSIONS MORAN HEISE STORED	DATE	HEISE + RILEY			DIV. HEISE - SHELLEY			HEISE SHELLEY LOSS STORED	REXBURG			DATE	SHELLEY										
		STOR.	NORM	TOTAL						STOR.	NORM	TOTAL	STOR.	NORM	TOTAL		SHERIDAN LAKE STORED	NORM	TOTAL		STOR.	NORM	TOTAL								
	594540	0	184	184		0																									
	603100	-1325	1443	118		-1325	0																								
	612650	-3338	3439	101		-3338	-33		JUN 17	0	17134	17134	111	9012	9123	0	0	2500	2500		JUN 18	-111	10311								
	622200	-3954	4058	104		-3954	-83		18	-1172	16328	15036	31	9226	9257	-63	0	2870	2870		19	-1260	9300								
	632770	-3390	3499	109		-3390	-99		19	-3255	17082	13822	0	9310	9310	-159	0	1510	1510		20	-1076	9386								
	642370	-3218	3330	112		-3218	-85		20	-3853	17794	13929	0	8810	8810	-188	0	1780	1780		21	-1447	10587								
	652760	-3229	3357	118		-3229	-80		21	-3305	17032	14427	10	8567	8579	-161	0	1870	1870		22	-3158	10249								
	662430	-3049	3187	118		-3049	-81		22	-3138	17259	14121	91	8425	8516	-153	0	1250	1250		23	-3076	10166								
	672620	-3054	3174	118		-3054	-77		23	-3158	17283	14125	61	8365	8426	-154	0	1200	1200		24	-3045	10295								
	680910	-3443	3533	90		-3443	-74		24	-2992	17517	14528	31	8291	8422	-144	0	1290	1290		25	-3017	10267								
	687740	-3070	3114	44		-3070	-77		25	-2980	17105	14125	30	8395	8425	-145	0	1220	1220		26	-3045	10085								
	698870	-2345	3385	1040		-2345	-59		26	-3257	15981	12624	141	8283	8524	-164	0	1050	1050		27	-3329	9765								
	698480	-2230	4120	1890		-2230	-56		27	-2993	14510	11525	202	8336	8538	-194	0	907	907		28	-3449	9659								
	702900	-1856	3746	1890		-1856	-47		28	-2286	14110	11824	234	8297	8625	-112	0	824	824		29	-3408	9648								
	706580	-867	2877	2010		-867	-22		29	-2174	15098	12924	142	8505	8647	-106	0	770	770		30	-3210	9485								
	708300	-741	2871	2130		-741	-18		30	-1809	15183	13324	18	8327	8345	-88	0	755	755		JUL 1	-1299	9789								
	709770	-621	2871	2250		-621	-15		JUL 1	-845	13849	13024	10	8151	8167	-41	0	770	770		2	-814	8764								
	711000	-494	3004	2510		-494	-12		3	-723	12847	12124	114	7972	8028	-35	0	765	765		3	-804	5904								
	711980	-373	2893	2520		-373	-9		4	-606	12470	11824	114	7979	8035	-30	0	745	745		4	-692	5722								
	712720	-247	2777	2530		-247	-6		5	-402	12406	12124	114	7732	7847	-23	0	715	715		5	-572	6273								
	713210	-126	2656	2530		-126	-3		6	-364	12488	12124	164	7404	7548	-18	0	715	715		6	-510	6120								
	713460	126	2454	2580		126	3		7	-241	11944	11723	175	7313	7488	-12	0	690	690		7	-464	5709								
	713210	373	2267	2640		373	9		8	-123	11646	11523	164	7272	7438	-6	0	635	635		8	-383	5933								
	712470	615	2055	2670		615	15		9	123	11299	11422	251	7208	7457	6	0	570	570		9	-134	4944								
	711250	1220	2000	3220		1220	30		10	364	10958	11322	290	7318	7408	18	0	557	557		10	50	4264								
	708540	1030	1900	3730	0	1030	46		11	600	10321	10921	404	7438	7842	29	0	530	530		11	167	3473								
	704860	2370	1840	4210	15	2385	60		12	1185	9735	10920	567	7179	7746	58	0	503	503		12	500	3260								
	699750	2868	1792	4660	100	2968	74		13	1779	9547	11320	1088	6850	7938	87	0	494	494		13	604	3336								
	694810	3280	1780	5060	100	3380	84		14	2320	9001	11321	1293	6677	7910	113	0	480	480		14	918	2926								
	688470	3608	1780	5388	100	3708	92		15	2889	8733	11622	1314	6440	7954	181	0	476	476		15	1024	2596								
	681150	3503	2147	5650	100	3603	90		16	3197	8531	11822	1430	6732	8162	161	0	462	462		16	1500	2790								
	674570	4100	1840	5940	100	4200	105		17	3603	8319	11922	1510	6699	8209	176	0	458	458		17	1917	2033								
	666080	4396	1824	6220	100	4496	112		18	4070	8333	12423	1404	6703	8187	200	0	440	440		18	2086	2264								
	657360	4638	1852	6490	100	4738	118		19	4374	8049	12423	1454	6678	8132	214	0	444	444		19	2704	2044								
	648160	4971	1749	6720	100	5071	127		20	4410	7812	12422	1339	6577	7936	225	0	437	437		20	3046	1774								
	638300	5213	1637	6850	100	5313	132		21	4934	7489	12423	1290	6546	7856	241	0	431	431		21	3403	1767								
	627960	5047	1953	7020	100	5147	129		22	5170	7251	12421	1354	6424	7728	252	0	422	422		22	3509	1807								
	612910	5300	1590	6890	100	5400	135		23	5028	7395	12423	1273	6383	7656	246	0	417	417		23	3797	1569								
	607460	4932	1748	6680	100	5032	126		24	5255	6949	12224	1207	6359	7566	257	0	412	412		24	3089	1607								
	597620	4500	1250	6750	100	5600	140		25	4894	6827	11723	1568	6047	7615	239	0	404	404		25	3357	817								
	586710	5380	1390	6770	100	5480	137		26	5450	6070	11520	1625	6035	7660	266	0	404	404		26	3181	1137								
	576040	5223	1522	6750	95	5318	133		27	5328	6192	11500	1897	5830	7717	260	0	403	403		27	3007	1429								
	565680	5349	1551	6900	90	5439	136		28	5170	6249	11419	1716	5596	7312	253	0	403	403		28	3048	1742								
	555070	5904	1246	7150	85	5989	150		29	5288	6131	11419	1922	5257	7239	258	0	397	397		29	3434	1397								
	543360	6015	1385	7400	80	6095	152		30	5824	5795	11619	2103	5085	7188	285	0	370	370		30	3457	1493								
	531470	6100	1470	7570	75	6175	154		31	5928	5696	11624	2187	4902	7083	290	0	371	371		JUL 1	3468	1402								
	519370	6211	1447	7660	70	6281	157		AUG 1	6096	5718	11924	2244	4885	7129	294	0	351	351		2	3576	1662								
	507010	6398	1442	7840	65	6463	162		2	6109	5715	11824	2232	4764	6996	299	0	343	343		3	4276	1204								
	494320	6857	1183	8040	60	6917	173		3	6286	5528	11814	1703	4697	6400	307	0	333	333		4	4842	1478								
	480720	7048	1152	8200	50	7098	177		4	6789	5185	11914	1958	4696	6634	329	0	327	327		5	5078	1182								
	466740	6902	1358	8260	40	6942	179		5	6904	5208	12114	1530	4498	6228	338	0	320	320		6	4947	1203								
	453080	6766	1494	8260	30	6935	177		6	6747	5265	12012	1470	4787	6251	330	0	327	327		7	4834	1164								
	439630	7170	1070	8240	20	6766	169		7	6582	5330	11912	1405	4823	6228	321	0	319	319		8	5218	734								
	425410	7033	1167	8200	10	6492	176		8	6976	4841	11817	1354	4868	6222	341	0	301	301												



STO.	TAL	LAKE WALCOTT	MINIDOKA CANALS				HOWELL'S		DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	NORTH SIDE CANAL CO.					TWIN FALLS LAKE		
		Contents Act	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.				NORM.	TOTAL	GOODING	PA.	MAIN		TOTAL	STOR.
-600	-	94600	1580	1290	2870	144	2726	1228											
-600	-	94020	1520	1290	2860	124	2726	1228											
-600	-	94230	1570	1290	2860	124	2726	1228											
-500	-	94250	1570	1290	2860	124	2726	1670	2730	JUN 20	10.14	1082							
-700	-	92620	1570	1280	2850	124	2726	1430	6000	21	10.22	1102	776	61	2510	3347	0	3347	
-850	-	91920	1570	1260	2830	124	2726	1390	6000	22	10.11	1112	776	61	2590	3377	377	3000	
-800	-	92620	1570	1260	2830	104	2726	1570	5920	23	9.84	1102	779	61	2420	3310	310	3000	
-800	-	93090	1590	1240	2830	114	2726	1800	6000	24	9.83	1092	841	60	2380	3281	281	3000	
-800	-	93670	1590	1250	2840	104	2726	1670	6000	25	9.94	1112	887	61	2370	3317	317	3000	
-900	-	93320	1550	1260	2810	114	2726	1530	6000	26	10.05	1142	887	61	2410	3358	358	3000	
-800	-	93320	1450	1250	2700	539	2277	1440	5980	27	10.05	1152	885	60	2400	3347	347	3000	
-900	-	94370	1440	1200	2640	974	1726	1510	5970	28	9.99	1142	900	61	2360	3321	321	3000	
-900	-	94950	1440	1150	2590	864	1726	2672	4988	29	9.80	1132	900	60	2310	3270	270	3000	
-800	-	96150	1450	1060	2510	784	1726	3781	4002	30	9.93	1132	900	58	2340	3298	1310	1988	
-1100	-	96630	1450	1050	2500	774	1726	3123	3688				902	59	2340	3301	2613	688	
-740	-	95550	1440	1070	2510	784	1726	3657	4427	2	10.06	1145	901	61	2300	3262	2443	819	
-870	-	94950	1440	1130	2570	1351	1726	4226	3943	3	10.12	1145	895	61	2250	3204	1779	1427	
-300	-	94020	1490	1130	2620	1140	1726	4080	3400	4	10.10	1145	894	61	2260	3215	2272	943	
-600	-	93550	1540	1180	2720	1158	1726	4200	3400	5	10.15	1145	894	62	2310	3244	2842	404	
-800	-	93440	1540	1230	2770	1646	1726	4270	3400	6	9.96	1135	894	62	2270	3226	2826	400	
-900	-	94020	1540	1240	2780	1985	1726	4260	3400	7	10.08	1145	893	62	2290	3245	2845	400	
-100	-	93790	1540	1250	2810	2348	1726	4390	3400	8	10.08	1135	900	62	2300	3262	2842	400	
-000	-	94490	1580	1270	2850	2830	1726	4610	3400	9	10.17	1145	888	62	2360	3310	2910	400	
-000	-	94840	1580	1280	2860	2860	1726	4612	3400	10	10.04	1145	889	62	2400	3351	2951	400	
-900	-	94950	1580	1280	2860	2860	1726	4612	3400	11	10.19	1155	889	62	2440	3391	2991	400	
-000	-	94720	1580	1270	2850	2850	1726	4612	3400	12	10.21	1175	890	62	2410	3362	2969	393	
-300	-	94720	1580	1270	2850	2850	1726	4612	3400	13	10.22	1185	890	62	2460	3412	3086	326	
-500	-	94490	1600	1280	2880	2880	1726	4612	3400	14	10.24	1185	892	62	2480	3434	3137	297	
-900	-	94950	1600	1280	2880	2880	1726	4612	3400	15	10.20	1175	893	62	2520	3475	3178	297	
-500	-	94950	1600	1290	2890	2890	1726	4612	3400	16	10.22	1175	892	62	2510	3464	3166	298	
-200	-	95070	1600	1300	2900	2900	1726	4612	3400	17	10.30	1183	942	62	2560	3564	3267	297	
-300	-	94720	1600	1290	2890	2890	1726	4612	3400	18	10.53	1193	997	62	2600	3619	3342	297	
-200	-	94720	1600	1290	2890	2890	1726	4612	3400	19	10.61	1203	1000	62	2540	3602	3303	297	
-300	-	94950	1600	1280	2880	2880	1726	4612	3400	20	10.64	1203	997	62	2480	3534	3242	297	
-200	-	94720	1600	1290	2890	2890	1726	4612	3400	21	10.62	1213	1000	62	2510	3572	3273	297	
-200	-	94720	1600	1290	2890	2890	1726	4612	3400	22	10.60	1203	1000	62	2520	3582	3284	295	
-200	-	94140	1590	1280	2870	2870	1726	4612	3400	23	10.58	1203	1000	62	2520	3582	3283	299	
-000	-	93320	1580	1280	2860	2860	1726	4612	3400	24	10.52	1103	1000	62	2520	3582	3283	299	
-700	-	93440	1590	1280	2870	2870	1726	4612	3400	25	10.47	799	1001	62	2500	3563	3264	299	
-000	-	93320	1590	1280	2870	2870	1726	4612	3400	26	10.50	756	988	62	2500	3550	3251	299	
-100	-	93320	1590	1280	2870	2870	1726	4612	3400	27	10.48	738	988	62	2500	3550	3261	299	
-400	-	92390	1590	1280	2870	2870	1726	4612	3400	28	10.31	769	999	62	2500	3561	3262	299	
-600	-	93550	1600	1280	2880	2880	1726	4612	3400	29	10.59	895	1009	62	2570	3641	3392	299	
-600	-	94370	1570	1300	2870	2870	1726	4612	3400	30	10.63	928	1019	62	2550	3631	3333	298	
-600	-	94250	1510	1290	2800	2800	1726	4612	3400	31	10.62	953	1022	62	2550	3634	3336	298	
-500	-	94140	1440	1280	2720	2720	1726	4612	3400				1022	61	2490	3573	3276	297	
-200	-	94840	1380	1290	2670	2670	1726	4612	3400	2	10.70	960	1022	62	2510	3594	3297	297	
-000	-	95790	1310	1280	2590	2590	1726	4612	3400	3	10.80	960	1019	62	2460	3541	3243	298	
-1500	-	94950	1310	1270	2580	2580	1726	4612	3400	4	10.63	958	1020	62	2320	3402	3124	298	
-1800	-	95790	1310	1240	2550	2550	1726	4612	3400	5	10.76	958	1015	62	2030	3107	2808	299	
-7960	-	95790	1310	1190	2500	2500	1726	4612	3400	6	10.82	960	1014	62	1940	3014	2716	300	
-8530	-	95180	1310	1180	2490	2490	1726	4612	3400	7	10.80	960	1013	62	1880	2953	2653	300	
-8990	-	93960	1260	1200	2460	2460	1726	4612	3400	8	10.78	958	1007	62	1810	2879	2578	300	
-8770	-	92740	1230	1180	2410	2410	1726	4612	3400	9	10.78	958	1007	62	1790	2859	2558	300	
-8770	-	90760	1220	1150	2370	2370	1726	4612	3400	10	10.60	953	1006	62	1760	2828	2527	300	
-8770	-	89130	1240	1120	2360	2360	1726	4612	3400	11	10.44	953	1003	62	1840	2906	2604	300	
-8770	-									12	10.49	951	999	62	1840	2901	2600	300	
-8770	-									13	10.38	946	999	62	1900	2861	2560	300	

TWIN FALLS CAN. CO.		MILNER LOW LIFT			SNAKE R. AT MILNER			
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL
0	3020	3020	0	125	125	125	0	135
50	3000	3050	125	0	125	90	0	90
100	3000	3020	124	0	124	97	0	97
150	3000	3070	124	0	124	70	0	70
200	3000	3060	124	0	124	8	0	8
250	3000	3030	124	0	124	7	0	7
300	2980	2980	124	0	124	7	0	7
350	2970	2970	121	0	121	7	0	7
400	2970	2970	126	0	126	7	0	7
450	2970	2970	126	0	126	7	0	7
500	3000	3020	126	0	126	7	0	7
550	3000	3040	126	0	126	7	0	7
600	3000	3040	126	0	126	7	0	7
650	3000	3020	126	0	126	7	0	7
700	3000	3070	126	0	126	7	0	7
750	3000	3060	126	0	126	8	0	8
800	3000	3060	125	0	125	7	0	7
850	3000	3120	125	0	125	7	0	7
900	3000	3100	125	0	125	8	0	8
950	3000	3160	125	0	125	8	0	8
1000	3000	3210	125	0	125	8	0	8
1050	3000	3300	125	0	125	8	0	8
1100	2945	3280	125	0	125	8	0	8
1150	2945	3240	125	0	125	8	0	8
1200	2229	3260	125	0	125	8	0	8
1250	2231	3280	124	0	124	9	0	9
1300	2231	3360	125	0	125	9	0	9
1350	2231	3420	125	0	125	9	0	9
1400	2228	3400	125	0	125	11	0	11
1450	2226	3400	125	0	125	12	0	12
1500	2228	3400	124	0	124	10	0	10
1550	2231	3400	125	0	125	10	0	10
1600	2238	3400	125	0	125	10	0	10
1650	2243	3390	126	0	126	9	0	9
1700	2243	3390	126	0	126	9	0	9
1750	2241	3420	124	0	124	10	0	10
1800	2244	3430	128	0	128	9	0	9
1850	2242	3410	128	0	128	9	0	9
1900	2239	3460	128	0	128	10	0	10
1950	2234	3420	128	0	128	10	0	10
2000	2232	3420	128	0	128	10	0	10
2050	2228	3380	127	0	127	9	0	9
2100	2227	3410	127	0	127	11	0	11
2150	2227	3380	127	0	127	12	0	12
2200	2237	3380	126	0	126	11	0	11
2250	2238	3350	127	0	127	11	0	11
2300	2241	3360	127	0	127	11	0	11
2350	2245	3357	127	0	127	11	0	11
2400	2252	3340	126	0	126	11	0	11
2450	2256	3340	126	0	126	11	0	11
2500	2257	3370	126	0	126	10	0	10
2550	2254	3350	126	0	126	9	0	9
2600	2259	3440	125	0	125	9	0	9
2650	2256	3440	125	0	125	9	0	9
2700	2257	3440	125	0	125	9	0	9
2750	2257	3440	125	0	125	9	0	9
2800	2257	3440	125	0	125	9	0	9
2850	2257	3440	125	0	125	9	0	9
2900	2257	3440	125	0	125	9	0	9
2950	2257	3440	125	0	125	9	0	9
3000	2257	3440	125	0	125	9	0	9

## NORTH SIDE CANAL CO.

DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	GOODING	P.A.	MAIN	TOTAL	STOR.	NORM.
JUN 20	10.15	1082	776	61	2510	3347	0	3347
21	10.22	1103	776	61	2540	3377	377	3000
22	10.11	1113	779	61	2420	3310	310	3000
23	9.84	1102	841	60	2380	3281	281	3000
24	9.81	1092	887	60	2370	3317	317	3000
25	9.94	1112	887	61	2410	3358	358	3000
26	10.05	1142	887	60	2400	3347	347	3000
27	10.05	1152	885	60	2360	3305	305	3000
28	9.99	1142	900	61	2360	3321	321	3000
29	9.80	1132	900	60	2310	3270	270	3000
30	9.93	1132	900	58	2340	3298	310	1988
JUL 1	10.00	1135	902	59	2340	3301	2613	688
2	10.06	1145	901	61	2300	3262	2443	819
3	10.12	1145	895	61	2250	3206	1779	1427
4	10.10	1145	894	61	2260	3215	2222	943
5	10.15	1145	894	62	2310	3266	2862	404
6	9.96	1135	894	62	2270	3226	2826	420
7	10.08	1145	893	62	2290	3245	2845	400
8	10.08	1135	900	62	2300	3262	2862	400
9	10.17	1145	889	62	2360	3310	2910	400
10	10.04	1145	889	62	2400	3351	2951	400
11	10.19	1155	889	62	2440	3391	2991	400
12	10.21	1175	890	62	2410	3342	2969	395
13	10.22	1185	890	62	2460	3412	3086	376
14	10.24	1185	892	62	2480	3434	3137	297
15	10.20	1175	893	62	2520	3475	3178	297
16	10.22	1175	892	62	2510	3464	3166	298
17	10.30	1187	942	62	2560	3544	3267	297
18	10.53	1193	997	62	2600	3659	3362	297
19	10.61	1203	1000	62	2540	3602	3305	297
20	10.64	1203	997	62	2480	3539	3242	297
21	10.62	1213	1000	62	2510	3572	3275	297
22	10.60	1203	1000	62	2520	3582	3284	298
23	10.58	1203	1000	62	2520	3582	3283	299
24	10.52	1103	1000	62	2520	3582	3283	299
25	10.49	799	1001	62	2500	3563	3244	299
26	10.50	756	988	62	2500	3550	3251	299
27	10.48	758	988	62	2500	3550	3251	299
28	10.31	769	999	62	2500	3561	3262	299
29	10.59	895	1009	62	2570	3641	3342	299
30	10.63	928	1019	62	2560	3631	3333	298
31	10.62	953	1022	62	2550	3634	3334	298
AUG 1	10.46	950	1022	61	2490	3573	3276	297
2	10.70	960	1022	62	2510	3594	3297	297
3	10.80	960	1019	62	2460	3541	3243	298
4	10.63	958	1020	62	2320	3402	3124	298
5	10.76	958	1015	62	2030	3107	2808	298
6	10.82	960	1014	62	1940	3016	2716	299
7	10.80	960	1013	62	1880	2953	2653	300
8	10.78	958	1007	62	1810	2879	2578	301
9	10.78	958	1007	62	1790	2859	2558	301
10	10.60	953	1006	62	1760	2828	2527	301
11	10.44	953	1003	62	1840	2905	2604	301
12	10.44	951	999	62	1840	2901	2600	301
13	10.38	946	999	62	1800	2861	2560	301



DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATION

DAILY SUMMARY OF DATA AT AND BETWEEN SNAKE RIVER GAGING STATION

24 HOUR SECOND FEET EXCEPT AS NOTED

RG	DATE	SHELLEY			DIV. SHELLEY-BLACKFOOT			SHELLEY OL. RESERVOIR LOSS STORED	THEORETICAL BALANCE STORED AT BLACKFOOT	BLACKFOOT RIVER	CLOUGH			CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR CAPACITY % FULL	NEELEY			LAM WALL CONTENT
		STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL				STOR.	NORM.	TOTAL	
625	625	AUG. 12	5253	737	5990	1053	683	1738	398	0	3520	140	3660	2424	AUG 12	277 110	8816	2548	8280	
625	625	13	5082	588	5670	487	691	1178	376	0	4200	140	4340	2422	14	28798	1818	2542	8380	
625	625	14	4637	1093	5730	413	668	1081	284	0	3970	140	4110	2427	15	28540	4972	2572	8440	
640	640	15	4815	699	5514	363	673	1036	268	0	4197	140	4337	2432	16	281300	5738	2572	8440	
645	645	16	5256	715	5971	580	648	1228	294	0	4599	140	4739	2438	17	278850	5724	2572	8300	
655	655	17	5175	1178	6353	851	650	1501	274	0	4219	140	4359	2437	18	275940	5717	2587	8300	
772	775	18	4872	1350	6222	1285	649	1934	292	0	3760	140	3900	2447	19	274170	5672	2587	8260	
828	841	19	4370	1764	6134	1210	629	1839	185	0	3860	140	4000	2452	20	269570	5668	2572	8260	
777	824	20	3356	1744	5100	1128	620	1748	129	0	3380	140	3520	2454	21	264830	5536	2594	8150	
776	792	21	1334	2786	4120	1472	617	2090	12	0	2540	140	2680	2454	22	257800	5486	2574	8080	
820	841	22	1557	1713	3270	1384	450	1834	5	0	1590	140	1730	2451	23	251480	4489	2591	7880	
825	858	23	2003	1247	3250	914	456	1370	37	0	900	140	1040	2452	24	248010	2498	2578	5870	
842	880	24	1823	1547	3370	967	486	1453	53	0	1130	140	1270	2457	25	245490	2353	2597	5780	
786	902	25	1857	1623	3480	633	652	1285	30	0	1540	140	1680	2458	26	242940	2492	2598	4290	
898	918	26	1134	2194	3330	424	656	1080	22	0	1550	140	1690	2457	27	236020	5783	2577	8380	
784	808	27	782	1658	2440	-	653	652	64	0	1280	140	1420	2461	28	227480	7079	2601	10100	
803	824	28	1062	1088	2150	414	668	1082	47	0	1060	140	1200	2467	29	219800	7013	2587	10000	
856	880	29	1529	631	2160	403	668	1071	40	0	910	140	1050	2462	30	214800	7013	2587	10000	
820	940	30	1069	901	1970	707	663	1370	41	0	653	140	793	2461	31	208890	7268	2602	9870	
860	976	31	1381	429	1810	893	656	1549	78	0	494	140	634	2459	SEP 1	177320	5911	2599	8510	
867	982	SEP. 1	2143	77	2220	1024	576	1602	37	0	219	140	359	2466	2	166480	5824	2606	8130	
865	1020	2	1648	772	2420	716	490	1206	26	0	163	140	303	2464	3	154890	5824	2604	7830	
865	1080	3	1149	1271	2420	738	767	1505	-26	0	357	140	497	2458	4	146890	5862	2598	7660	
145	1060	5	499	1211	1710	761	631	1392	-16	0	520	140	660	2458	5	126300	5992	2598	8040	
835	1050	6	497	1383	1880	724	538	1262	-14	0	159	140	299	2458	6	126300	5832	2598	8430	
812	1020	7	620	1070	1490	644	521	1185	-3	0	93	140	233	2457	7	126300	5987	2597	8080	
840	1040	8	833	1227	2060	658	516	1174	10	0	259	140	399	2461	8	105670	4899	2601	7460	
820	1020	9	1364	1026	2390	759	590	1349	36	0	165	140	305	2459	9	99200	3231	2599	5930	
924	924	10	1388	672	2060	760	546	1326	38	0	597	140	737	2465	10	92900	3415	2606	6020	
952	952	11	1202	628	1830	208	755	963	60	0	590	140	730	2469	11	87170	2941	2609	5570	
840	1040	12	723	1097	1820	0	595	595	43	0	934	140	1074	2468	12	83320	2972	2608	5880	
830	1030	13	1091	789	1880	0	624	624	65	0	680	140	820	2467	13	79080	2393	2607	5800	
870	1030	13	1091	789	1880	0	624	624	65	0	1026	140	1166	2463	14	75900	2807	2603	5910	
964	964	14	1006	804	1810	0	568	568	60	0	611	140	751	2466	15	69700	3544	2606	6150	
807	907	15	1190	780	1970	112	522	634	64	0	440	140	580	2462	16	67200	3558	2602	6160	
896	896	16	1640	630	2270	124	621	745	91	0	542	140	682	2458	17	67900	3532	2598	6120	
858	858	17	1158	872	2030	468	541	1009	41	0	740	140	880	2459	18	57900	3532	2598	6120	
918	918	18	1387	903	2290	347	439	786	62	0	756	140	896	2459	18	52880	3451	2599	6020	
746	946	19	1846	814	2660	192	485	677	97	0	480	140	620	2451	19	47040	3189	2591	5780	
874	874	20	1767	913	2680	680	380	1060	31	0	960	140	1100	2463	20	42380	2387	2603	4990	
824	824	21	1918	482	2400	689	464	1153	64	0	756	140	896	2465	21	42100	1005	2605	3610	
824	824	22	1452	638	2090	689	464	1153	73	0	838	140	978	2469	22	42860	861	2609	3670	
770	770	23	1358	812	2170	680	380	1060	46	0	726	140	866	2466	23	42290	224	2604	2820	
886	886	24	954	1006	1960	839	298	1137	43	0	488	140	628	2469	24	42100	181	2609	2790	
824	824	25	1107	973	2080	239	747	984	55	0	527	140	667	2476	25	42730	-1026	2614	1590	
830	830	26	284	1736	2020	198	832	1030	55	0	583	140	723	2477	26	44800	603	2617	3230	
755	755	27	-88	1648	1560	97	862	959	11	0	392	140	532	2475	27	46800	573	2617	3190	
824	824	28	-59	1379	1320	93	926	1019	-17	0	176	140	316	2474	28	46180	576	2614	3190	
841	841	29	-185	1535	1350	97	926	1019	-16	0	318	140	458	2475	29	48100	578	2615	3190	
852	852	30	-447	1847	1400	93	926	1019	-16	0	177	140	317	2475	30	48100	578	2615	3190	
						200	622	822	-17	0	150	140	290	2470	30	48220	110	2610	2720	
						91	781	872	-22	0	105	140	245	2469						
						92	911	1003		0										

4940

77411

75768

10911

# GAGING STATIONS 1935

US GAGE NO.	NEELLY			LAKE WALCOTT Contents A.F.F.	MINIDOKA CANALS				HOWELLS			DATE	MILNER LAKE GAGE	GOODING PROJECT STORAGE	NORTH SIDE CANAL CO.				TWIN FALLS CAN. CO.	
	STOR.	NORM.	TOTAL		NORTH	SOUTH	TOTAL	STOR.	NORM.	TOTAL	GOODING				PA.	MILLY	TOTAL	STOR.		
310	5816	2564	8380	85 290	1280	1140	2420	2420	0	4866	2564	7430	AUG 14	16.1	933	976	62	1800	2858	2766
390	5818	2562	8380	82 860	1320	1170	2490	2490	0	4218	2562	6800	15	16.00	927	928	62	1870	2876	2668
490	6073	2567	8640	80 270	1390	1180	2570	2570	0	4483	2567	7050	16	16.10	923	981	64	1890	2898	2591
500	5920	2572	8510	78 240	1280	1180	2460	2460	0	4488	2572	7160	17	16.20	924	922	62	1790	2865	2602
550	5222	2578	8300	75 650	1240	1180	2420	2420	0	4476	2578	7250	18	16.22	917	963	62	1780	2865	2502
660	5717	2583	8300	72 490	1220	1160	2380	2380	0	4637	2583	7210	19	16.23	904	972	62	1790	2865	2621
720	5473	2587	8260	69 960	1280	1180	2460	2460	0	4603	2587	7170	20	16.24	903	972	62	1760	2799	2475
770	5668	2592	8260	67 430	1320	1200	2520	2520	0	4528	2592	7110	21	16.24	904	965	62	1750	2777	2472
830	5536	2594	8130	64 690	1350	1210	2560	2560	0	4376	2594	6990	22	16.12	904	964	60	1790	2769	2464
890	5406	2594	8000	62 050	1350	1220	2570	2570	0	4236	2594	6850	23	9.90	906	968	60	1740	2788	1883
920	4989	2591	7080	60 420	1350	1220	2570	2570	0	3019	2591	5610	24	9.83	928	899	58	0	654	349
1010	2498	2592	5290	56 550	1330	1180	2510	2510	0	2158	2592	4720	25	9.78	917	599	60	0	659	354
1190	2753	2597	5350	52 890	1330	1170	2500	2500	0	2133	2597	4730	26	9.66	917	599	60	0	659	354
1260	3442	2598	6240	49 470	1340	1160	2500	2500	0	2372	2598	4920	27	9.66	920	599	60	0	659	353
1330	5783	2597	8380	48 520	1340	1200	2540	2540	0	3093	2597	5640	28	9.94	915	903	61	1770	2734	1829
1420	7499	2601	10100	48 830	1320	1190	2510	2510	0	5289	2601	7890	29	10.14	909	1028	61	1710	2799	2493
1420	7413	2587	10000	49 260	1300	1200	2500	2500	0	5293	2587	7820	30	10.25	909	1028	61	1650	2739	2435
1580	7260	2602	9870	49 150	1270	1220	2490	2490	0	4998	2602	7600	31	10.16	906	1028	61	1680	2689	2383
1640	6959	2601	9560	49 260	1270	1220	2490	2490	0	4799	2601	7400	32	10.14	906	1028	61	1620	2712	2406
1720	5911	2599	8510	49 790	1240	1210	2450	2450	0	3921	2599	6520	33	10.14	906	1028	61	1620	2712	2406
1750	5524	2606	8130	49 680	1190	1200	2390	2390	0	3504	2606	6110	34	10.00	906	1028	61	1620	2712	2406
1790	5226	2604	7830	49 260	1230	1190	2420	2420	0	3476	2604	6080	35	9.87	906	1028	61	1620	2712	2406
1840	5062	2598	7660	47 570	1250	1200	2450	2450	0	3482	2598	6080	36	9.81	906	1028	61	1620	2712	2406
1900	5442	2598	8040	46 090	1270	1190	2460	2460	0	3562	2598	6160	37	9.85	906	1028	61	1620	2712	2406
1950	5832	2598	8430	44 300	1260	1170	2430	2430	0	3702	2598	6300	38	9.86	906	1028	61	1620	2712	2406
1980	5483	2597	8080	46 090	1210	1110	2320	2320	0	3643	2597	6240	39	9.88	906	1028	61	1620	2712	2406
2070	4849	2601	7450	46 190	1160	1080	2240	2240	0	3559	2601	6160	40	9.89	906	1028	61	1620	2712	2406
2100	3331	2599	5930	43 660	1150	1030	2180	2180	0	2201	2599	4880	41	10.05	906	1028	61	1620	2712	2406
2120	3415	2605	6020	43 550	1160	1000	2160	2160	0	1325	2605	3920	42	10.15	906	1028	61	1620	2712	2406
2170	2921	2609	5530	43 130	1110	1030	2140	2140	0	1131	2609	3740	43	10.21	906	1028	61	1620	2712	2406
2230	2472	2608	5080	42 920	1060	1030	2090	2090	0	712	2608	3320	44	10.18	906	1028	61	1620	2712	2406
2280	2393	2607	5000	42 810	1050	1020	2070	2070	0	583	2607	3190	45	10.06	906	1028	61	1620	2712	2406
2390	2807	2603	5410	42 390	972	1020	1992	1992	0	697	2603	3300	46	10.05	906	1028	61	1620	2712	2406
2440	3544	2606	6150	42 280	934	993	1927	1927	0	2554	2606	5160	47	9.98	906	1028	61	1620	2712	2406
2490	3558	2602	6160	40 800	923	946	1869	1869	0	2608	2602	5210	48	9.90	906	1028	61	1620	2712	2406
2580	3532	2598	6130	39 750	912	908	1820	1820	0	2582	2598	5180	49	9.90	906	1028	61	1620	2712	2406
2680	3451	2599	6050	38 920	906	875	1781	1781	0	2441	2599	5040	50	9.90	906	1028	61	1620	2712	2406
2760	3189	2591	5780	37 890	897	808	1705	1705	0	2349	2591	4940	51	9.92	906	1028	61	1620	2712	2406
2880	2387	2603	4990	36 950	858	776	1634	1634	0	2147	2603	4750	52	9.98	906	1028	61	1620	2712	2406
2980	1005	2605	3610	34 150	732	744	1476	1476	0	1915	2605	4520	53	9.99	906	1028	61	1620	2712	2406
3040	861	2609	3470	30 110	654	682	1336	1336	19	1270	2590	4360	54	9.97	906	1028	61	1620	2712	2406
3140	224	2604	2830	26 440	666	590	1256	1256	136	1220	2470	4190	55	9.80	906	1028	61	1620	2712	2406
3200	181	2609	2790	21 670	695	493	1188	1188	249	1740	2360	4100	56	9.93	906	1028	61	1620	2712	2406
3230	-1026	2616	1590	17 860	601	454	1055	1055	445	-52	2172	2120	57	10.06	906	1028	61	1620	2712	2406
3350	603	2617	3220	16 270	605	478	1083	1083	705	-92	1912	1820	58	9.94	906	1028	61	1620	2712	2406
3450	573	2617	3190	16 770	620	502	1096	1096	802	-412	1812	1400	59	9.83	906	1028	61	1620	2712	2406
3520	576	2614	3190	18 250	592	504	1096	1096	803	-412	1812	1200	60	9.62	906	1028	61	1620	2712	2406
3600	575	2615	3190	20 560	578	397	975	975	947	-473	1663	1190	61		906	1028	61	1620	2712	2406
3720	110	2610	2720	22 490	580	367	947	947	947	-473	1663	1190	62		906	1028	61	1620	2712	2406

205/86

124806

213358

205/86

NORM		HOWELLS			DATE	MILNER LAKE GAGE	GOODING PROJECT STORED	NORTH SIDE CANAL CO.				STORED
STOR	NORM	STOR	NORM	TOTAL			GOODING	P.A.	MINN	TOTAL		
2424	0	4046	2564	6630	AUG 14	10.14	939	62	1800	2858	2568	
2428	0	4238	2562	6800	15	10.00	937	62	1870	2870	2541	
2432	0	4681	2567	7250	16	10.10	933	64	1840	2843	2502	
2436	0	4188	2572	6760	17	10.20	924	62	1790	2805	2506	
2440	0	4672	2578	7250	18	10.22	917	62	1780	2805	2521	
2444	0	4437	2583	7020	19	10.22	904	62	1790	2825	2495	
2448	0	4603	2587	7190	20	10.24	902	62	1760	2797	2472	
2452	0	4578	2592	7110	21	10.24	906	62	1750	2777	2464	
2456	0	4396	2594	6990	22	10.12	906	60	1740	2767	1883	
2460	0	4250	2594	6850	23	9.90	906	60	1160	2188	349	
2464	0	3019	2591	5610	24	9.83	922	55	0	654	354	
2468	0	2158	2592	4750	25	9.78	917	60	0	654	354	
2472	0	2133	2597	4730	26	9.66	917	60	0	659	353	
2476	0	2372	2598	4970	27	9.66	920	60	0	659	353	
2480	0	3093	2597	5690	28	9.94	915	61	1170	2134	1829	
2484	0	3289	2601	5890	29	10.16	909	61	1710	2799	2493	
2488	0	3243	2587	5830	30	10.25	909	61	1650	2759	2435	
2492	0	4998	2602	7600	31	10.16	906	61	1600	2689	2383	
2496	0	4799	2601	7400	SEP 1	10.20	642	61	1620	2712	2406	
2500	0	3921	2599	6520	2	10.14	0	61	1610	2702	2396	
2504	0	3504	2606	6110	3	10.00	0	61	1590	2722	2414	
2508	0	3476	2604	6080	4	9.87	0	61	1580	2712	2406	
2512	0	3482	2598	6080	5	9.81	0	61	1580	2692	2386	
2516	0	3562	2593	6160	6	9.85	0	60	1500	2608	2302	
2520	0	3702	2598	6300	7	9.86	0	60	1500	2608	2302	
2524	0	3643	2597	6240	8	9.88	0	60	1490	2598	2292	
2528	0	3559	2601	6160	9	9.89	0	61	993	1940	1634	
2532	0	2201	2599	4800	10	10.05	0	60	0	618	312	
2536	0	1325	2605	3930	11	10.15	0	60	0	541	235	
2540	0	1131	2609	3740	12	10.21	0	60	0	487	180	
2544	0	712	2608	3320	13	10.18	0	60	0	477	170	
2548	0	583	2607	3190	14	10.06	0	60	0	467	160	
2552	0	697	2603	3300	15	10.05	0	52	1030	1489	1183	
2556	0	2554	2606	5160	16	9.98	0	43	1840	2288	1982	
2560	0	2608	2602	5210	17	9.90	0	43	1840	2288	1982	
2564	0	2582	2598	5180	18	9.90	0	43	1830	2278	1972	
2568	0	2441	2599	5040	19	9.90	0	43	1790	2238	1932	
2572	0	2349	2591	4940	20	9.92	0	39	1760	2204	1899	
2576	0	2147	2603	4750	21	9.98	0	38	1740	2183	1877	
2580	0	1915	2605	4520	22	9.99	0	36	1720	2161	1844	
2584	19	1770	2590	4360	23	9.97	0	37	1700	2142	1742	
2588	136	1720	2470	4190	24	9.88	0	37	1650	2092	1692	
2592	249	1740	2360	4100	25	9.93	0	36	1090	1531	1131	
2596	304	488	2312	2800	26	9.96	0	35	0	372	0	
2600	445	-52	2172	2120	27	10.06	0	35	0	372	0	
2604	705	-92	1912	1820	28	9.94	0	35	0	372	0	
2608	803	-412	1812	1400	29	9.83	0	35	0	372	0	
2612	803	-612	1812	1200	30	9.62	0	35	0	372	0	
2616	0	-473	1663	1190						372	0	

124806

IVORM		TWIN FALLS CAN. CO.			MILNER LOW LIFT			SHALEH AT MILNER		
STOR	NORM	STOR	NORM	TOTAL	STOR	IVORM	TOTAL	STOR	NORM	TOTAL
302	0	1188	2262	3450	126	0	126	11	0	11
302	0	1190	2260	3450	125	0	125	10	0	10
302	0	1215	2265	3480	125	0	125	8	0	8
303	0	1211	2269	3480	126	0	126	53	0	53
303	0	1175	2275	3450	126	0	126	200	0	200
304	0	1181	2279	3460	125	0	125	206	0	206
304	0	1157	2283	3440	124	0	124	206	0	206
304	0	1133	2287	3420	122	0	122	206	0	206
304	0	1131	2287	3420	122	0	122	206	0	206
304	0	1121	2289	3420	122	0	122	206	0	206
304	0	1134	2286	3420	122	0	122	210	0	210
304	0	1133	2287	3420	122	0	122	206	0	206
304	0	1128	2292	3420	122	0	122	202	0	202
304	0	1128	2292	3420	122	0	122	206	0	206
304	0	1138	2292	3420	122	0	122	208	0	208
304	0	1115	2295	3410	122	0	122	208	0	208
304	0	1137	2283	3420	122	0	122	206	0	206
304	0	1114	2296	3410	122	0	122	206	0	206
304	0	1125	2295	3420	122	0	122	204	0	204
304	0	1127	2293	3420	122	0	122	204	0	204
304	0	1090	2300	3390	122	0	122	204	0	204
304	0	1042	2298	3340	109	0	109	202	0	202
304	0	1009	2292	3300	109	0	109	206	0	206
304	0	1028	2292	3320	101	0	101	206	0	206
304	0	998	2292	3290	101	0	101	268	0	268
304	0	979	2291	3270	101	0	101	331	0	331
304	0	905	2295	3200	101	0	101	331	0	331
304	0	847	2293	3140	101	0	101	320	0	320
304	0	701	2299	3000	101	0	101	301	0	301
307	0	628	2302	2930	79	0	79	304	0	304
307	0	609	2301	2910	79	0	79	307	0	307
307	0	590	2300	2890	79	0	79	310	0	310
306	0	593	2297	2890	79	0	79	315	0	315
306	0	540	2300	2840	79	0	79	304	0	304
306	0	494	2296	2790	79	0	79	304	0	304
304	0	358	2292	2650	79	0	79	301	0	301
304	0	277	2293	2570	79	0	79	301	0	301
304	0	174	2286	2460	79	0	79	278	0	278
305	0	33	2297	2330	79	0	79	251	0	251
306	0	0	2290	2290	79	0	79	251	0	251
315	0	0	2190	2190	79	0	79	251	0	251
400	0	0	2070	2070	79	0	79	251	0	251
400	0	0	1960	1960	79	0	79	256	0	256
400	0	0	1940	1940	79	0	79	251	0	251
372	0	0	1800	1800	79	0	79	251	0	251
372	0	0	1540	1540	40	0	40	251	0	251
372	0	0	1440	1440	0	0	0	251	0	251
372	0	0	1440	1440	0	0	0	263	0	263
372	0	0	0	0	0	0	0	0	0	0

74056

12634

12739











	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	NO.	TOTAL SEC.-FT.	TOTAL AC.-FT.	JACKSON LAKE EQUIV. AC.-FT.	JACKSON LAKE RIGHT AC.-FT.	AM. FALLS RES. RIGHT AC.-FT.	SEASONAL PURCHASES AC.-FT.	TOTAL RIGHT AC.-FT.	AM. FALLS RES. RIGHT AC.-FT.	
1	7	6	5	7	7	5	4	7	5	4	5	5	5	4	3	3	3	3	3	3	3	3	3	4	3	3	2	1	1	0	3	1011	2005	2160	1200	1288	0	2488	328	
2	18	225	246	245	25	19	33	25	30	25	4	3	16	20	13	0	15	34	32	6	4	5	5	4	3	3	2	1	0	3	8257	16378	17660	0	12593	5150	17743	83		
3	76	36	36	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	8257	16378	17660	0	12593	5150	17743	83	
4			4	0	1	1	1	3	3	0																					4096	8124	8740	6100	8060	-5400	8760	0		
5	11	-30	-30	-39	-39	-39	-39	-39	-39	-39	-39	-39	223	0																7	23	46	50	0	0	50	50	0		
6	2	2	2	0	3	3	3	2	14	9	10	10	8	7	0																8	47	93	100	0	0	100	100	0	
7																																9	7033	13950	15040	5000	10340	-300	15040	0
8	0	0	0	0	0	10	29	32	32	36	0																				10	1976	3718	4225	2000	2225	0	4225	0	
9	5	0									80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80		11	5415	10741	11583	5120	6463	0	11583	0	
10	16	-16	-16	-16	-16	117	115	134	122	108	0	0	0	0	106	22	31	26	19	6	13									12	374	781	842	1040	0	0	1040	0		
11																															13	2041	4088	4408	4000	0	520	4520	0	
12																															14	3216	6378	6877	3000	3882	779	7661	786	
13																															15	261	519	560	0	2589	-2029	560	0	
14	0	-185	-185	-185	-185	0					21	0																		16	16	32	34	0	0	41	41	0		
15	0	0	117	103	0	0	0	3	0																					17	416	826	891	0	891	0	891	0		
16	0	0	117	103	0	0	0	3	0																					18	-5891	-11684	-12600	0	0	-12600	-12600	0		
17	0	0	117	103	0	0	0	3	0																					19	-337	-668	-720	0	0	-720	-720	0		
18	0	0	117	103	0	0	0	3	0																					20	9666	19176	20679	0	10345	10345	20679	0		
19	15	115	115	-7	-7	-7	-7	-7	-7	-7	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	21	3315	6574	7089	0	2589	4500	7089	0		
20	0	2	2	2	0																									22	7110	14102	15205	0	14988	3769	18757	3352		
21																														23	97	193	208	0	194	14	208	0		
22																														24	22	44	48	0	48	0	48	0		
23	12	353	347	338	180	306	359	367	376	0																			25	10264	20359	21953	0	23268	0	23268	1115			
24	9	19	3	0																									26	446	885	954	355	0	599	954	0			
25	41	41	61	66	64	60	63	66	66	44	33	25	20	11	0													27	1560	3093	3335	1500	1835	0	3335	0				
26	35	85	8	8	8	8	8	8	8	8	85	85	85	85	85	85	8	8	8	8	8							28	14320	28403	30628	5000	24595	1033	30628	0				
27	198	250	282	332	422	390	81	0	0	290	364	366	364	275	231	228	226	208	189	30								29	3297	6539	7051	0	8268	-1000	7268	317				
28	-1	-20	-20	-21	-21	-5	-5	-5	-5	-5	-4	-4	0															30	18157	36014	38834	15000	23834	0	38834	0				
29	59	831	945	816	384	922	981	726	675	291	647	676	950	694	688	509	405	447	447	324	33						31	-1014	-2011	-2169	0	0	-1081	-1081	0					
30																													32											
31																													33	96158	190731	205661	51315	158295	3759	213769	4279			
32																													34											
33																													35	2922	5796	6250	0	0	6250	6250	0			
34																													36	5423	10757	11600	0	11837	-237	11600	0			
35																													37	12817	25422	27412	8000	19412	0	27412	0			
36																													38	38233	75835	81775	42685	35070	4000	81775	0			
37																													39	1116	2213	2386	0	3537	-70	3487	1101			
38																													40	588	1167	1259	0	1259	0	1259	0			
39																													41	-188	-373	-402	0	0	0	0	0			
40																													42											
41																													43	40911	120817	130280	50685	71155	9943	131783	1101			
42																													44											
43																													45	205186	404981		32580	70892	94710	491412	21000			
44																													46											
45																													47	12634	25060		0	23885	1500	25385	285			
46																													48	74056	146888		42760	125459	-5364	162855	1172			
47																													49	213258	422990		147176	328901	0	476157	3467			
48																													50	124806	247550		0	250677	3490	254167	467			
49																													51	12197	24193		0	45000	-8000	37000	1287			
50																													52											
51																													53											
52																													54											
53																													55											
54																													56											

1. Rented from  
 2. Rented 250 ac  
 from Enterprise  
 3. Transferred to  
 4. Rented to P  
 5. Rented 80 ac  
 transfer from  
 6. Prem. held  
 7. 779 ac to  
 8. 4200 ac. yin  
 transfer to  
 9. 431 ac. from  
 10. 1500 ac. from  
 Minidopa 11  
 11. Lake Walco  
 transfer to  
 12. 3000 ac. from  
 transfer to  
 13. After ded  
 on Jackson  
 14. After dedu  
 on Jackson  
 by Idaho  
 15. 5000 ac.

23	24	25	26	27	28	29	30	NO.	TOTAL SEC.-FT.	TOTAL AC.-FT.	JACKSON LAKE EQUIV. AC.-FT.	JACKSON LAKE RIGHT AC.-FT.	AM. FALLS RES. RIGHT AC.-FT.	SEASONAL PURCHASES AC.-FT.	TOTAL RIGHT AC.-FT.	AM. FALLS HOLDOVER OCT. 1, 1935 AC.-FT.	
								1	730	1448	1562	0	0	1562	1562	0	
								2							2488	328	
5	4	3	3	2	1	1	0	3	1011	2005	2160	1200	1888	0	17743	83	
6	20	13	0	15	34	32	6	4	8237	16378	17660	0	12593	5150	2000	0	
								5	924	1833	1976	2000	0	0	8760	0	
2	6	6	6	6	6	31	0	6	4096	8124	8760	6100	8060	-5400	50	0	
								7	23	46	50	0	0	50	100	0	
								8	47	93	100	0	0	100	15040	0	
								9	7033	13950	15040	5000	10340	-300	4225	0	
								10	1976	3918	4225	2000	2225	0	11583	0	
								11	5415	10741	11583	5120	6463	0	1040	0	
								12	374	781	842	1040	0	0	4520	0	
82	85	47	31	26	19	6	13	2041	4088	4408	4000	0	520	779	7661	784	
0	106	22	0	31	33	0	14	3216	6378	6877	3000	3882	779	-2029	560	0	
								15	241	519	540	0	2589	41	41	0	
								16	16	32	34	0	0	0	891	0	
								17	416	826	891	0	891	0	-12600	0	
								18	-5891	-11684	-12600	0	0	-12600	-720	0	
								19	-337	-668	-720	0	0	-720	20679	0	
								20	9666	19176	20679	0	10345	10334	7089	0	
								21	3315	6574	7089	0	2589	4500	18757	3552	
115	115	115	115	115	115	115	115	22	7110	14102	15205	0	14988	3769	208	0	
								23	97	193	208	0	194	14	48	0	
								24	22	44	48	0	48	0	23268	1315	
								25	10264	20359	21953	0	23268	0	754	0	
								26	444	885	954	355	0	599	3335	0	
								27	1560	3093	3335	1500	1835	0	30628	0	
11	0							28	14320	28403	30628	5000	24595	1033	7268	217	
75	85	85	8	8	8	8	8	29	3297	6539	7051	0	8268	-1000	38834	0	
4	275	231	228	226	108	109	30	18157	36014	38834	15000	23834	0	-1081	-1081	0	
								31	-1014	-2011	-2169	0	0	0	0	0	
								32									
4	688	509	405	447	447	324	33	96158	190731	205661	51315	158295	3759	213369	6279		
								34									
7	198	0						35	2922	5796	6250	0	0	6250	6250	0	
								36	5423	10757	11600	0	11837	-237	11600	0	
								37	12817	25422	27412	8000	19412	0	27412	0	
								38	38233	75835	81775	42685	35090	4000	81775	0	
								39	1116	2213	2386	0	3557	-70	3487	1101	
								40	588	1167	1259	0	1259	0	1259	0	
								41	-188	-373	-402	0	0	0	0	0	
								42									
198	97	93	200	91	92	43		43	60911	120817	130280	50685	71155	9943	131783	1101	
								44									
757	638	417	294	172	0	45		45	205186	406981		325810	70892	94710	491412	25000	
79	79	79	40	0	0	46		46	12634	25060		0	23885	1500	25385	325	
								47	74056	146888		42740	125459	-5364	162855	1177	
1131	0							48	213288	422990		147176	328981	0	476157	34967	
								49	124806	247550		0	250677	3490	254167	6617	
256	251	251	251	251	263	50		50	12197	24193		0	45000	-8000	37000	12817	

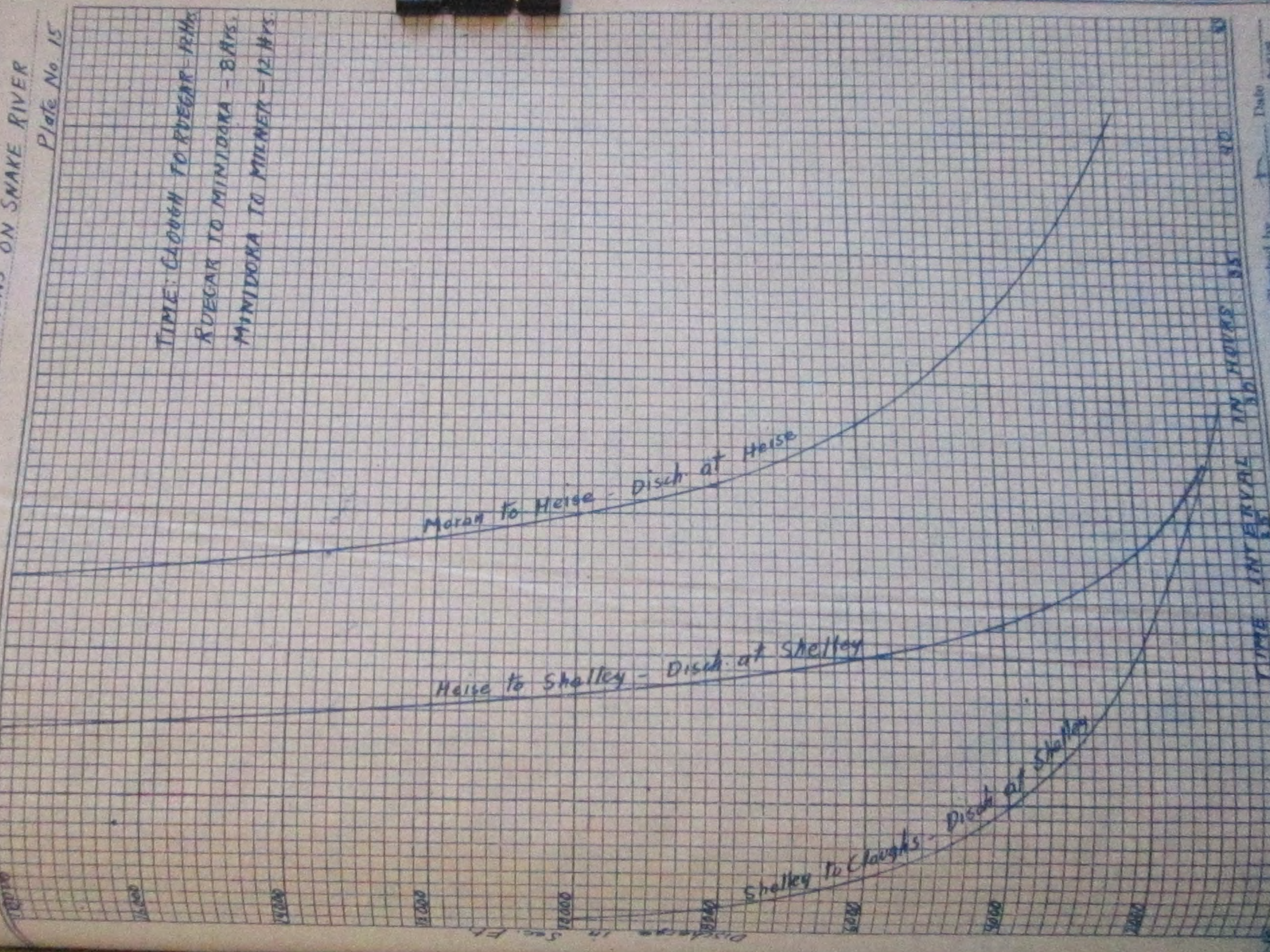
NOTES

1. Rented from Pool
2. Rented 250 ac. to Pool, 5400 ac. transferred from Enterprise.
3. Transferred to Progressive Irr. District.
4. Rented to Pool.
5. Rented 80 ac. to Pool, received 600 ac. by transfer from Reid.
6. From Reid -
7. 779 ac. to Lenroot, 600 ac. to Sunnyside, 450 ac. to Pool.
8. 4200 ac. yield of Twin Lakes, less 431 ac. transfer to Reservation.
9. 431 ac. from Osgood, 5819 ac. from Pool.
10. 1500 ac. from Milner Low Lift, 1990 from Minidoka Irr. Dist.
11. Lake Walcott right 96700 ac. less 1990 ac. transfer to Gooding.
12. 3000 ac. from Idaho Power Co., less 1500 ac. transfer to Gooding.
13. After deducting 4790 ac. transmission loss on Jackson Lake right less rental.
14. After deducting 18200 ac. transmission loss on Jackson Lake Right less 5000 ac. rented by Idaho Power Co. to Pool.
15. 5000 ac. to Pool, 3000 ac. to Milner Low Lift.

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No. 15

TIME: CLAUGH TO RUEGAR - 12 HRS.  
RUEGAR TO MINIDOKA - 8 HRS.  
MINIDOKA TO MILNER - 12 HRS.



DAILY DISCHARGE IN SEC. FT. OF HENRY'S FORK CANALS FOR MAY 1935  
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	0
HARRIGFIELD	0	0	0	0	0	0	0	0	0	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	0
TOTAL ABOVE SQUIREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	49	108	127	133	139		696
BELL	0	0	0	0	0	0	0	0	0	0	0	3	7	7	7	8	9	10	11	12	13	13	13	13	13	13	13	13	12	12		215	
FALL RIVER	44	44	44	102	102	98	115	115	119	126	134	130	126	145	151	151	157	163	165	168	171	195	215	215	201	189	185	181	209	205	205		4716
McBEE	10	10	10	11	11	11	12	12	12	12	13	14	15	16	17	16	15	14	13	12	12	12	12	12	11	11	11	11	11	11	11		381
CHESTER	64	65	70	74	76	78	74	70	66	66	67	67	68	68	68	70	73	76	80	85	89	90	90	90	91	91	92	90	89	88		2415	
SILKEY	10	10	9	9	9	9	9	0	0	0	0	0	0	0	9	10	12	15	18	20	20	19	19	19	19	18	18	18	18	18		371	
CURR	0	0	0	0	0	22	22	22	22	21	21	21	21	21	0	30	31	32	33	35	36	37	38	39	40	41	42	43	42	42	42		796
TOTAL SQUIREL-CHESTER	178	179	183	196	198	218	232	219	219	225	235	235	246	266	252	285	297	310	320	332	341	366	385	386	374	453	459	466	510	510	515		4590

HENRY'S FORK CANALS

DEWEY	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	589
LAST CHANCE	59	59	59	59	59	59	60	60	60	60	58	56	54	52	50	52	53	54	55	56	57	58	60	62	64	66	68	69	69	69	69		1845
ST. ANTHONY UNION	454	464	444	444	454	464	475	485	485	496	510	478	446	444	475	489	492	496	502	504	506	519	523	502	496	492	489	485	494	496	498		15001
FARMERS FRIEND	163	163	168	172	177	182	196	201	205	208	210	203	195	187	184	189	194	200	205	194	183	192	200	211	215	218	218	219	227	229	231		6139
TWIN GROVES	109	111	111	114	116	119	123	124	125	126	127	124	122	119	121	123	125	127	129	129	129	131	133	139	144	150	144	139	131	135	135		3932
SALEM UNION	191	193	193	193	192	191	196	196	199	204	204	202	200	200	196	196	193	196	196	217	196	200	199	193	193	191	189	189	193	186	193		6020
TOTAL ASHTON-ST. ANTHONY	995	1009	994	1001	1017	1034	1069	1085	1093	1113	1128	1082	1036	1021	1045	1068	1076	1092	1106	1119	1090	1119	1084	1126	1131	1136	1127	1120	1133	1134	1143		33526
EGIN	261	265	268	272	258	265	283	285	286	297	290	286	286	283	301	311	315	311	304	301	297	311	333	337	338	347	347	362	351	340	322		9411
ST. ANTHONY UNION FEEDER	84	84	85	86	86	87	90	94	93	95	92	91	90	90	90	90	90	91	88	90	91	89	96	102	100	99	97	102	106	108	106		2882
INDEPENDENT	297	300	304	307	311	315	318	322	324	334	343	334	315	320	327	325	325	327	341	327	341	343	345	354	345	329	329	327	316	304	318		10072
CONSOLIDATED FARMERS	249	240	233	233	237	242	0	246	258	260	277	274	270	270	263	263	242	249	242	237	246	237	228	224	215	233	233	256	246	251	256		7405
TOTAL ST. ANTHONY-REXBURG	886	889	840	898	892	909	691	945	966	986	1002	985	961	963	981	999	972	978	975	955	975	980	1002	1017	998	1008	1006	1047	1019	1003	1002		29770

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WILFORD	60	62	65	70	80	90	95	96	98	99	101	103	104	100	95	90	96	102	108	114	120	126	123	120	117	114	110	107	104	101	98		51		
TETON IRRIGATION	17	16	17	16	16	18	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	32	52	52	60	57	58		3068			
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		464		
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0		
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13	13	14	15	17	18	19	20	22	23	24		205		
PINCOCK-BYINGTON	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		185		
PINCOCK-GARNER	14	14	14	16	18	20	22	22	23	23	23	24	24	24	23	22	22	21	21	20	20	19	19	19	20	20	20	20	20	20	20		210		
TETON ISLAND FEEDER	250	250	251	275	300	325	357	355	350	350	350	350	350	348	340	330	320	310	300	290	280	272	277	282	287	293	299	295	292	290	290		627		
NORTH SALEM	0	0	0	0	0	0	0	0	0	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		9508		
ROKANA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	9	9	9	9	9	10	10	10	10	11	11	11	10	10	9	8		174		
ISLANDWARD	27	27	25	20	18	17	16	16	16	16	16	16	20	40	50	60	70	74	70	60	50	40	35	35	35	35	31	30	30	30	30		1065		
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		42		
CITY OF REXBURG	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		17		
REXBURG IRRIGATION	149	147	144	136	126	131	154	157	155	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		459		
McCOHMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	141	150	159	196	234	218	243	269	294	284	294	245		4975
SAUBY-SOMMERS	0	0	0	0	0	0	0	0	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	529	528	528	545	571	614	681	678	677	676	519	522	515	519	519	517	654	663	672	682	716	754	773	785	837	911	923	934	958	967	975		21344		

DAILY DISCHARGE IN SEC. FT. OF HENRY'S FORK CANALS FOR JUNE 1935  
FALL RIVER CANALS

PLATE NO. 17

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	0
HARHIGFELD	0	0	0	0	0	0	0	0	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	4	4	14	14	14	24	24	24	46	58	58	100	116	134	134	147	147	156	165	174	174	188	188	192	197	202	202	202	202	202	202	
TOTAL ABOVE SQUIRREL	4	4	14	14	14	24	24	24	46	58	58	100	116	134	134	147	147	156	165	174	174	188	188	192	197	202	202	202	202	202	202	
FARMERS OWN	0	0	0	0	0	0	0	0	0	19	31	50	58	61	58	58	61	58	60	62	63	63	64	63	64	64	64	64	65	64	64	
ALMY	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	2	2	
ENTERPRISE	139	135	149	153	157	167	169	174	174	176	176	179	179	181	176	174	177	178	180	188	188	188	192	188	190	190	190	0	0	0	0	
BELL	12	12	12	11	11	11	10	10	10	10	8	9	9	10	10	10	10	9	9	9	8	8	8	8	8	7	7	7	7	6	6	
FALL RIVER	220	240	260	280	300	304	354	404	416	428	440	444	448	452	457	460	463	467	470	474	466	458	450	445	440	435	450	466	460	450	450	
MCBEE	10	9	8	7	7	8	8	8	9	9	9	9	8	8	7	6	6	5	5	5	5	5	5	4	4	4	5	6	7	7	7	
CHESTER	87	86	85	85	84	84	84	84	85	85	85	84	82	80	79	76	73	70	67	63	62	60	58	57	56	55	55	55	55	50	50	
SILKEY	17	15	13	11	12	13	14	15	16	17	17	18	20	20	21	15	12	10	8	7	7	8	8	8	8	8	8	8	9	10	10	
CARR	40	38	37	36	35	35	35	35	35	35	35	34	34	33	33	40	45	50	55	59	58	57	56	56	56	56	55	50	45	40	40	
TOTAL SQUIRREL-CHESTER	530	540	569	588	611	627	679	735	750	784	806	832	844	849	846	844	851	852	858	871	861	851	844	833	824	822	837	659	650	629	629	

HENRY'S FORK 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
DEWEY	19	22	22	0	0	0	20	21	21	21	22	22	22	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
LAST CHANCE	69	70	71	71	72	72	75	78	81	84	88	87	86	84	83	80	77	74	70	70	70	70	70	70	70	70	70	70	70	70	70
ST. ANTHONY UNION	494	488	483	477	472	466	480	493	507	520	534	532	532	531	516	500	485	470	454	452	450	449	447	446	444	442	440	437	445	454	454
FARMERS FRIEND	200	170	144	170	200	231	177	189	210	233	252	266	256	222	209	196	186	177	172	166	168	170	170	172	164	157	150	144	101	120	120
TWIN GROVES	120	110	103	0	0	0	99	129	136	144	150	157	150	157	148	139	131	123	113	103	93	98	103	109	107	105	103	93	109	109	109
SALEM UNION	189	172	182	193	193	200	196	211	211	211	207	211	207	207	200	194	93	117	143	189	186	186	182	179	175	182	182	200	200	200	200
TOTAL ASHTON-ST. ANTHONY	1091	1032	1005	911	937	969	1047	1121	1166	1213	1253	1275	1233	1222	1177	1130	994	983	1024	1002	989	995	994	998	982	978	967	966	947	975	975
EGIN	313	320	295	242	310	317	337	351	362	326	310	326	308	313	313	310	281	263	295	281	277	284	281	288	281	277	263	284	292	288	288
ST. ANTHONY UNION FEEDER	110	100	91	92	96	101	101	73	112	110	107	108	114	106	70	60	44	68	66	67	72	67	66	66	56	56	48	50	51	57	57
INDEPENDENT	318	257	247	253	308	329	361	354	364	361	354	348	359	290	284	249	260	262	286	290	306	304	247	297	271	228	275	266	257	266	266
CONSOLIDATED FARMERS	250	245	240	235	230	225	213	215	220	225	230	235	240	244	241	239	237	234	231	228	225	222	215	208	201	194	132	71	137	166	166
TOTAL ST. ANTHONY-REXBURG	941	922	873	872	944	972	1012	993	1058	1022	1001	1017	1021	953	908	858	822	827	878	864	880	877	859	859	809	755	718	671	737	777	777

TETON 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	
SIDDOWAY	15	14	13	13	12	14	15	16	16	17	17	18	18	19	19	18	18	18	18	18	18	17	17	17	17	17	17	17	18	18	19	19
WILFORD	103	108	114	115	115	116	116	117	118	119	115	110	105	111	117	124	127	134	136	138	140	141	142	144	146	147	148	150	151	152	152	
TETON IRRIGATION	57	64	58	58	64	58	60	78	83	78	77	74	78	80	77	70	79	80	79	98	81	95	88	91	83	47	100	83	99	82	82	
GOOD LUCK	0	0	0	0	0	0	15	15	15	15	16	17	18	20	22	24	27	29	28	27	27	27	26	25	24	24	24	23	23	22	22	22
PIONEER	23	23	23	23	23	24	24	25	25	26	28	30	34	32	30	29	28	27	27	27	27	26	26	26	26	26	25	25	24	23	22	
STEWART	37	36	35	34	33	34	35	35	36	36	37	38	38	39	39	40	40	40	40	39	39	39	39	39	39	38	38	37	37	36	36	
PINCOCK-BYINGTON	17	20	22	23	25	26	27	28	29	30	31	32	33	31	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	14	
PINCOCK-GARNER	19	19	19	19	19	19	19	20	21	23	24	26	27	27	27	26	26	26	25	25	25	26	28	28	28	30	30	30	31	31	32	
TETON ISLAND FEEDER	288	286	284	300	320	350	377	380	400	420	430	440	450	430	430	400	400	400	390	380	370	369	360	360	360	360	350	340	330	320	320	
NORTH SALEM	20	10	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROXANA	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
ISLAND WARD	25	20	15	15	14	15	20	30	50	75	78	85	60	55	55	55	54	54	50	40	30	25	27	30	33	36	39	40	43	47	47	
WOODMANSEE-JOHNSON	18	19	21	23	24	24	24	25	25	25	24	23	22	22	23	23	24	24	25	26	28	29	30	32	33	33	32	30	28	26	26	
CITY OF REXBURG	37	35	33	34	38	37	36	38	39	41	41	42	43	44	41	39	36	33	37	39	42	37	39	40	41	41	41	42	36	37	37	
REXBURG IRRIGATION	275	255	236	266	295	281	267	242	217	192	237	282	326	320	315	310	305	244	252	256	260	261	262	263	263	263	263	263	263	263	263	
MCCORMICK-HOWE	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
SARKY-SOMMERS	5	4	3	4	6	8	10	12	15	18	22	26	31	37	40	49	58	67	76	85	94	103	112	121	130	139	148	157	166	175	184	
TOTAL	859	929	893	944	1005	1022	1061	1077	1165	1133	1187	1241	1301	1279	1272	1232	1259	1235	1176	1171	1141	1144	1131	1142	1137	1164	1159	1135	1137	1114	1114	

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR JULY 1935  
FALL RIVER CANALS

Table with columns: NAME OF CANAL, 1-31, TOTAL. Rows include YELLOWSTONE, HARRIGFELD, MARYSVILLE, TOTAL ABOVE SQUIRREL, FARMERS OWN, ALMY, ENTERPRISE, BELL, FALL RIVER, McBEE, CHESTER, SILKEY, CURR, and TOTAL SQUIRREL-CHESTER.

HENRYS FORK CANALS

Table with columns: NAME OF CANAL, 1-31, TOTAL. Rows include DEWEY, LAST CHANGE, ST. ANTHONY UNION, FARMERS FRIEND, TWIN GROVES, SALEM UNION, TOTAL ASHTON-ST. ANTHONY, EGIN, ST. ANTHONY UNION FEEDER, INDEPENDENT, CONSOLIDATED FARMERS, and TOTAL ST. ANTHONY-REXBURG.

TETON RIVER CANALS

Table with columns: NAME OF CANAL, 1-31, TOTAL. Rows include SIDDWAY, WILFORD, TETON IRRIGATION, GOOD LUCK, PIONEER, STEWART, PINCOCK BYINGTON, PINCOCK-GARNER, TETON ISLAND FEEDER, NORTH SALEM, ROXANA, ISLAND WARD, WOODMANSEE-JOHNSON, CITY OF REXBURG, REXBURG IRRIGATION, McORMICK-ROWE, SAVARY-SOMMERS, and TOTAL.

DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR AUGUST 1935  
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	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	0
MARYSVILLE	125	125	120	141	134	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL ABOVE SQUIRREL</b>	125	125	120	141	134	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	36	38	36	426
FARMERS OWN	0	44	45	45	50	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	36	38	36	416	
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	10	10	7	10	10	276	
ENTERPRISE	130	131	125	119	124	129	129	129	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL	3	3	3	3	4	6	6	0	0	0	0	0	0	0	0	0	0	0	135	136	136	135	134	134	134	134	0	0	0	0	0	0	0
FALL RIVER	238	227	225	223	229	235	150	65	32	0	0	0	76	64	64	48	58	67	66	64	64	64	71	78	132	185	185	0	0	0	0	0	0
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	0
CHESTER	0	0	0	0	0	1	3	5	6	6	6	6	6	5	3	1	1	1	3	5	5	5	3	1	1	1	1	1	1	1	1	1	0
SILKEY	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0
CURR	29	29	28	27	28	28	28	29	28	28	24	20	20	20	39	24	24	24	25	23	21	22	22	24	25	24	24	24	24	24	25	25	77
<b>TOTAL SQUIRREL-CHESTER</b>	400	434	426	417	435	448	320	232	134	38	34	30	106	93	110	73	83	230	230	228	226	225	232	238	291	210	220	35	32	38	36	6284	

HENRYS FORK CANALS

DEWEY	11	11	11	7	7	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LAST CHANCE	36	36	0	0	0	0	0	0	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. ANTHONY UNION	432	434	435	432	428	425	424	423	422	421	414	408	391	374	379	384	368	352	338	325	321	317	320	322	318	315	314	314	312	311	311	11482	
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	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	
SALEM UNION	122	123	128	132	132	132	124	117	117	117	124	132	87	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	650
<b>TOTAL ASHTON-ST. ANTHONY</b>	701	704	672	671	667	664	602	540	539	538	538	550	488	436	441	446	430	414	400	377	373	369	372	374	366	348	322	325	324	323	323	2295	
EGIN	286	281	279	277	280	283	278	272	273	274	281	288	276	265	266	268	250	232	230	227	212	196	198	199	196	192	201	210	204	199	199	7572	
ST. ANTHONY UNION FEEDER	52	55	50	46	46	46	46	46	60	74	74	76	72	69	72	75	70	66	66	66	68	70	69	68	64	59	66	72	74	76	76	1989	
INDEPENDENT	187	189	195	201	199	197	202	217	207	197	172	146	139	132	136	141	154	167	167	0	0	35	36	38	38	37	38	38	38	48	38	3719	
CONSOLIDATED FARMERS	139	130	121	123	125	0	72	77	82	41	0	0	0	32	64	64	65	64	64	64	64	64	64	64	65	65	65	63	64	64	63	2032	
<b>TOTAL ST. ANTHONY-REXBURG</b>	664	659	645	647	650	626	598	612	622	588	527	510	487	498	530	548	539	529	527	357	344	365	367	369	363	353	370	383	380	377	376	15312	

TETON RIVER CANALS

SIDDOWAY	12	14	15	15	11	12	14	13	12	10	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	296
WILFORD	66	70	65	65	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
TETON IRRIGATION	90	74	78	79	80	82	83	82	81	78	74	76	77	72	67	70	74	77	80	72	63	59	55	57	59	58	56	56	57	56	54	1733	
GOOD LUCK	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	2176
PIONEER	11	11	11	11	11	11	11	10	10	11	11	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	283
STEWART	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	230
PINCOCK-DYINGTON	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	383
PINCOCK-GARNER	9	8	8	8	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	228
TETON ISLAND FEEDER	104	113	113	113	104	166	158	144	140	128	115	106	96	104	107	107	107	107	132	158	173	180	180	172	191	210	184	168	178	151	123	115	4845
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	0
ROXANA	12	12	12	12	12	10	7	7	7	4	1	4	6	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	160
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG	0	21	19	19	20	20	21	20	18	26	28	31	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	0
REXBURG IRRIGATION	140	146	146	144	105	110	116	119	119	119	123	124	126	128	129	120	115	134	132	142	152	152	152	152	152	152	152	152	152	152	152	152	152
McCONMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SANDY SPRINGS	17	18	16	16	15	15	9	8	8	6	5	6	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
<b>TOTAL</b>	594	649	608	590	572	538	533	522	506	483	466	444	434	431	424	431	437	484	551	524	526	516	506	528	550	509	481	494	444	434	438	15620	

### DAILY DISCHARGE IN SEC. FT. OF HENRYS FORK CANALS FOR SEPT. 1935 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	
HARRIGFIELD	0	0	0	0	0	0	0	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	36	30	30	30	30	30	26	25	25	25	21	21	21	21	0	0	20	20	20	20	19	19	20	22	20	20	19	19	19	19	647	
TOTAL ABOVE SQUIRAEL	36	30	30	30	30	30	26	25	25	25	21	21	21	21	0	0	20	20	20	20	19	19	20	22	20	20	19	19	19	19	647	
FARMERS OWN	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	250	
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	0	0	0	0	134	134	134	134	0	0	0	117	117	117	117	0	0	60	122	124	127	136	136	121	122	123	123	123	123	123	2567	
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	40	85	85	85	70	53	56	57	55	53	33	13	14	16	20	24	28	33	35	45	50	50	50	50	50	1152	
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	4	5	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	30
CURR	22	20	18	20	23	23	18	18	18	18	21	21	21	21	21	21	21	21	21	22	23	25	26	26	26	26	26	26	26	26	665	
TOTAL SQUIRAEL-CHESTER	32	30	28	30	167	207	247	247	113	98	90	209	211	208	205	67	46	106	169	176	184	199	205	192	203	199	199	199	199	199	4664	

### HENRYS FORK CANALS

DEWEY	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	16	20	20	20	18	16	14	13	12	10	8	8	7	7	6	250
LAST CHANCE	0	0	0	0	0	0	0	0	0	0	8	12	16	16	16	16	16	16	16	16	16	13	6	6	2	2	2	2	2	2	201
ST. ANTHONY UNION	314	316	317	317	320	310	299	295	291	310	328	324	320	320	320	320	319	316	314	315	315	316	317	304	301	303	303	303	303	303	9353
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	16	22	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	14	14	228
TWIN GROVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	20	10	10	10	10	10	10	256
SALEM UNION	21	21	21	21	21	36	50	53	56	55	54	55	56	56	56	21	21	21	21	21	0	0	0	0	0	26	26	26	26	26	897
TOTAL ASHTON-ST. ANTHONY	335	337	338	338	341	346	349	348	347	365	417	424	430	430	430	408	403	406	402	401	378	374	367	353	333	349	349	358	372	371	11185
EGIN	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	198	197	198	200	200	199	198	197	198	199	200	196	192	188	184	5444
ST. ANTHONY UNION FEEDER	76	75	74	80	85	83	81	78	76	78	81	80	78	78	78	78	78	73	68	69	71	72	73	72	71	72	73	74	75	2272	
INDEPENDENT	58	52	47	47	47	52	58	58	58	58	59	59	59	59	59	59	59	59	59	67	75	84	93	92	92	91	82	74	66	58	1940
CONSOLIDATED FARMERS	0	0	0	0	0	64	64	64	64	64	68	72	90	110	136	0	0	40	40	40	40	40	40	40	65	70	74	74	30	30	1419
TOTAL ST. ANTHONY-REXBURG	324	327	321	327	332	349	403	400	398	400	408	411	427	447	473	335	334	370	367	376	385	344	403	402	428	432	424	413	358	347	11575

### TETON RIVER CANALS

SIDDOWAY	8	8	9	9	8	8	8	9	8	8	8	8	8	9	9	9	8	7	6	5	5	5	4	4	4	8	11	11	11	11	234
WILFORD	52	53	54	55	51	51	51	51	51	51	56	62	61	60	58	57	57	57	37	36	36	36	36	15	15	15	15	15	15	15	1376
TETON IRRIGATION	56	46	50	57	57	57	55	53	55	57	58	59	62	65	65	62	59	56	53	52	52	52	26	26	26	26	26	26	26	27	1480
GOOD LUCK	9	9	9	9	10	10	10	10	9	8	8	8	8	8	8	8	7	6	6	6	6	6	6	6	0	0	0	0	0	0	198
PIONEER	0	0	0	8	9	9	10	10	5	0	0	10	10	10	9	8	8	9	10	10	10	10	10	10	10	10	10	10	10	10	235
STEWART	14	15	14	14	14	14	14	14	14	14	14	13	12	12	13	14	13	12	12	11	5	0	0	12	12	12	12	12	12	12	356
PINCOCK-BYINGTON	6	5	4	3	3	3	2	2	4	7	7	7	7	7	7	7	7	6	5	5	5	5	4	4	6	6	6	6	6	6	158
PINCOCK-GARNER	7	6	6	6	6	6	6	7	6	6	6	6	5	6	6	8	11	10	10	10	9	9	9	8	8	8	9	9	8	8	228
TETON ISLAND FEEDER	134	155	142	131	131	131	123	123	125	127	125	123	136	148	144	140	140	71	73	75	77	79	81	81	158	136	115	112	110	107	3555
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	2	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG	20	28	24	26	26	25	29	32	27	24	22	21	22	22	24	27	26	26	13	0	0	0	0	0	0	26	26	26	26	26	576
REXBURG IRRIGATION	129	128	133	133	128	133	129	121	117	115	100	90	126	108	112	117	109	101	105	110	134	111	111	143	136	89	97	112	121	118	3534
MCCORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAUBY-SAMMERS	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	63
TOTAL	446	459	451	458	451	456	450	441	430	476	405	407	459	456	437	463	448	345	353	321	359	313	313	330	401	310	327	339	345	340	11950

# HENRYS FORK - DAILY SEGREGATION

DATE	HENRYS LAKE AL. FT.	HENRYS FORK NEAR LAKE			STORED LOSS LAKE TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON
		STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	
JUN 22				2						
23				2						
24				2						
25				2				831		
26	19429			2				818		
27				2				800		
28				2				794		
29				2				788		
30				2				794		
JUL 1	20629	0	20	20		JUL 1		800		
2	20629	0	39	39		2		794		
3	20629	0	39	39		3		800		
4	20629	0	39	39		4		794		
5	20629	0	39	39		5		806		
6	20629	0	39	39		6		806		
7	20629	0	39	39		7		800		
8	20629	0	39	39		8		794		
9	20629	29	38	67	0	9		812		
10	20529	65	36	101	1	10	29	789	818	0
11	20429	67	34	101	1	11	64	748	812	0
12					1	12	66	777	843	0
13	20329	154	32	186	2	13	152	741	893	1
14	20029	181	30	211	3	14	178	715	893	1
15	19629	181	28	209	3	15	178	727	905	1
16	19229	183	26	209	3	16	180	732	912	1
17	18928	198	24	222	3	17	195	775	970	1
18	18528	238	22	260	4	18	234	723	957	1
19	18028	236	20	256	4	19	232	725	957	1
20	17528	240	18	258	4	20	236	728	944	1
21	17127	244	16	260	4	21	240	750	990	1
22	16627	245	16	261	4	22	241	742	987	1
23	16155	246	15	261	4	23	242	734	976	1
24	15639	245	15	260	4	24	241	729	970	1
25	15171	246	15	261	4	25	242	728	970	1
26	14702	247	14	261	4	26	243	727	970	1
27	14233	247	14	261	4	27	243	727	970	1
28	13719	300	14	314	4	28	296	704	1000	1
29	13168	318	12	330	5	29	313	767	1020	1
30	12498	314	12	326	4	30	309	771	1020	1
31	11845	320	12	332	4	31	316	784	1020	1
AUG 1	11274	319	11	330	5	AUG 1	314	696	1070	2
2	10569	329	10	349	5	2	327	693	1020	2
3	9871	331	10	341	4	3	334	696	1030	2
4	9181	304	10	314	4	4	326	694	1020	2
5	8491	286	10	296	4	5	300	690	970	1
6	7801	264	10	274	4	6	242	702	949	1
7	7111	246	10	256	4	7	219	693	912	1
8	6421	227	10	237	4	8	187	698	877	1
9	5731	207	10	217	4	9	157	712	831	1
10	5041	187	10	197	4	10	127	726	818	1
11	4351	167	10	177	4	11	97	739	806	1
12	3661	147	10	157	4	12	67	752	794	1
13	2971	127	10	137	4	13	37	765	794	1
14	2281	107	10	117	4	14	7	778	794	1
15	1591	87	10	97	4	15		791	794	1
16	901	67	10	77	4	16		804	794	1
17	211	47	10	57	4	17		817	794	1
18	51	27	10	37	4	18		830	794	1

DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS TO ST. ANTHONY			HENRYS FORK AT ST ANTHONY			DIVERSIONS BELOW ST ANTHONY			STORED BALANCE BELOW DIVERSIONS
	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL	
JUN 25			1070			782			962			809	
26			1070			978			810			755	
27			1070			147			711			718	
28			1050			944			797			421	
29			1040			947			781			737	
30			1040			973			792			777	
JUL 1			1070	110	897	969	-110	839	727			284	-110
2			1050	112	743	865	-112	734	677			631	-112
3			1050	114	711	825	-114	700	-54			491	-114
4			1050	172	689	811	-172	651	879			712	-172
5			1040	179	512	641	-179	492	783			798	-179
6			1050	179	509	638	-179	499	726			797	-179
7			1070	169	510	679	-169	476	657			739	-169
8			1070	170	515	685	-170	487	639			656	-170
9			1070	175	523	698	-175	497	622			697	-175
10			1070	177	529	706	-177	493	646			725	-177
11	23	1021	1050	180	529	709	-180	488	657			660	-180
12	64	1006	1070	183	545	728	-183	483	646			596	-183
13	66	1064	1130	187	557	744	-187	469	698			619	-187
14	151	1029	1180	187	555	742	-187	484	628	96	572	628	-187
15	177	1003	1180	188	544	732	-188	484	621	93	569	642	-188
16	177	1003	1180	184	543	729	-184	484	621	171	567	700	-184
17	179	1051	1230	55	681	736	124	632	754	182	656	798	124
18	194	1084	1280	57	648	705	137	612	679	196	653	792	137
19	233	1117	1350	59	767	816	174	607	781	180	652	791	174
20	231	1119	1350	49	757	806	182	619	801	155	654	789	182
21	235	1125	1350	147	941	1088	68	780	848	110	675	795	68
22	239	1071	1310	152	955	1107	87	785	792	144	677	697	87
23	240	1080	1320	196	950	1146	92	718	816	148	630	698	92
24	241	1009	1250	142	983	1145	79	750	829	171	631	742	79
25	240	990	1230	142	944	1086	78	705	783	147	632	699	78
26	241	979	1220	157	944	1101	84	672	756	163	626	688	84
27	242	958	1200	149	937	1086	93	654	729	147	618	681	93
28	242	1008	1250	359	940	1299	-117	828	711	162	623	694	-117
29	295	955	1250	374	923	1297	81	792	771	169	628	692	81
30	311	949	1260	349	928	1277	58	778	760	182	617	681	58
31	302	957	1260	384	911	1297	79	772	770	166	605	697	79
AUG 1	314	944	1260	534	947	1381	120	931	711	159	605	644	120
2	312	948	1280	80	124	1404	248	943	673	110	605	665	248
3	325	953	1280	539	133	1422	214	971	672	241	609	697	214
4	332	948	1280	537	134	1422	205	971	666	223	629	697	205
5	324	936	1240	432	240	1447	103	960	653	225	625	697	103
6	299	861	1160	343	301	1444	64	850	576	180	626	670	64
7	241	909	1130	293	329	1462	32	859	632	172	626	698	32
8	218	798	1076	231	289	1465	33	843	656	173	634	678	33
9	138	611	749	187	312	1461	49	840	656	182	640	678	49
10	99	850	745	128	415	1470	24	938	679	185	643	684	24
11	160	910	1070	130	488	1458	30	1002	712	86	652	683	30
12	76	890	968	148	462	1430	9	962	656	74	641	683	9
13	99	889	968	163	385	1453	51	987	638	99	641	698	51
14	95	917	1070	67	449	1433	57	941	638	99	641	698	57

WATER SEGREGATION OF FLOW IN SEC. FT. - 1935

DATE	STATIONS AT ANTHONY		STORED BALANCE BELOW DIVERSIONS
	NORM	TOTAL	
JUN 22		209	
23		135	
24		718	
25		671	
26		737	
27		777	
28		684	-110
29		631	-112
30		691	-114
JUL 1		717	-122
2		798	-127
3		777	-129
4		739	-149
5		634	-170
6		647	-173
7		725	-177
8		660	-181
9		594	-119
10		619	-121
11	532	628	-132
12	349	642	-104
13	367	700	-142
14	636	798	-18
15	659	799	-9
16	651	791	34
17	654	789	47
18	535	745	-142
19	533	677	-77
20	530	698	-76
21	531	702	-92
22	532	699	-89
23	525	688	-79
24	518	682	-69
25	523	695	-279
26	528	692	-245
27	517	681	-224
28	505	671	-245
29	505	664	-379
30	503	655	-418
31	504	695	-355
AUG 1	424	697	-428
2	425	658	-328
3	426	824	-164
4	424	598	-204
5	435	612	-210
6	441	672	-231
7	403	584	-267
8	442	621	-111
9	427	615	-154
10	411	487	-85
11	401	493	-66

DATE	HENRYS LAKE AC FT	HENRYS FORK NEAR LAKE			STOR	NORM	TOTAL
		STOR	NORM	TOTAL			
AUG 12	5785	94					
13	5627	92	9	103			
14	5470	77	9	101			
15	5272	70	8	86			
16	5114	67	8	86			
17	4977	57	8	75			
18	4878	47	8	65			
19	4760	35	8	55			
20	4720	64	8	43			
21	4544	55	8	78			
22	4484	50	7	68			
23	4366	49	7	57			
24	4287	52	7	54			
25	4170	50	7	59			
26	4090	50	7	57			
27	3972	44	7	57			
28	3893	45	7	57			
29	3815	45	7	52			
30	3696	37	7	52			
31	3620	40	7	47			
SEP 1	3548	37	6	47			
2	3476	33	6	39			
3	3403	32	6	38			
4	3367	31	6	37			
5	3294	28	6	34			
6	3222	48	6	34			
7	3149	37	5	44			
8	3077	32	5	37			
9	3004	25	5	30			
10	2932	22	5	27			
11	2894	18	5	23			
12	2854	20	5	23			
13	2823	20	5	23			
14	2797	18	5	23			
15	2750	18	4	22			
16	2714	17	4	21			
17	2679	17	4	21			
18	2642	17	4	21			
19	2606	17	4	21			
20	2569	20	3	23			
21	2533	20	3	23			
22	2497	20	3	23			
23	2460	20	3	23			
24	2424	20	3	23			
25	2388	20	3	23			
26	2352	20	3	23			
27	2316	45	3	47			
28	2280	44	3	47			
29	2244	24	3	26			
30	2208	23	3	26			
31	2066	10	3	13			
TOTAL	21400	7571					

DATE	HENRYS FORK AT WARM RIVER			STOR	NORM	TOTAL	STOR	NORM	TOTAL	STOR	HENRYS FORK NEAR ASHTON			STOR	DIVERSIONS AT ST. ANTHONY					
	STOR	NORM	TOTAL								STOR	NORM	TOTAL		STOR	NORM	TOTAL	STOR	NORM	TOTAL
AUG 14	93	689	782	1																
15	91	685	776	1																
16	74	691	770	0																
17	90	680	770	1																
18	79	691	770	0																
19	72	692	764	0																
20	67	686	753	0																
21	57	696	753	0																
22	81	695	776	0																
23	70	700	770	1																
24	69	713	782	0																
25	72	692	764	0																
26	72	681	753	1																
27	73	674	747	0																
28	69	666	735	0																
29	61	663	724	1																
30	59	659	718	0																
31	59	665	724	0																
SEP 1	51	678	729	0																
2	54	670	724	1																
3	51	661	712	0																
4	47	648	695	0																
5	46	655	701	0																
6	31	658	689	1																
7	28	661	689	0																
8	47	654	701	0																
9	38	663	701	0																
10	32	669	701	1																
11	25	670	695	0																
12	22	662	684	0																
13	18	666	684	1																
14	20	658	678	0																
15	20	658	678	0																
16	20	658	678	0																
17	18	660	678	0																
18	18	666	684	0																
19	17	661	678	0																
20	19	665	684	1																
21	19	657	678	0																
22	14	645	689	0																
23	20	658	678	0																
24	20	669	689	0																
25	20	692	712	1																
26	20	675	695	0																
27	20	661	681	0																
28	20	661	681	0																
29	45	633	718	0																
30	44	657	701	0																
31	26	663	682	0																
SEP 1	23	663	682	0																
2	10			0																

STATIONS AT ANTHONY		HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY		
NORM	TOTAL	STOR	NORM	TOTAL	STOR	NORM	TOTAL
25	25	27	811	878	170	508	
26	25	28	944	972	138	916	
27	25	24	1054	1080	115	924	
28	25	21	1126	1040	96	972	
29	25	21	1052	952	94	932	
30	25	21	1012	943	91	916	
SEP 1	25	20	988	974	64	880	
2	25	19	1070	943	77	916	
3	25	18	1057	952	100	952	
4	25	17	1107	970	108	927	
5	25	16	1037	924	103	916	
6	25	15	837	876	102	851	
7	25	15	897	952	103	927	
8	25	14	948	1000	101	980	
9	25	14	1022	1040	102	978	
10	25	13	1034	1060	97	980	
11	25	13	1034	1070	95	991	
12	25	12	1042	1080	0	974	
13	25	11	1040	1070	0	972	
14	25	11	1040	1040	0	972	
15	25	10	1198	1040	0	972	
16	25	9	1254	1200	170	1040	
17	25	9	1200	1230	148	1040	
18	25	8	1082	1110	134	1040	
19	25	8	1003	1050	0	972	
20	25	8	1147	1180	0	972	
21	25	7	1164	1200	8	965	
22	25	7	1175	1200	129	965	
23	25	6	1148	1140	119	965	
24	25	6	1117	1130	14	965	
25	25	6	1100	1120	16	965	
26	25	6	1094	1010	0	972	
27	25	5	1096	1040	0	972	
28	25	4	1031	1030	0	972	
29	25	4	978	876	0	972	
30	25	4	887	876	0	972	
SEP 1	25	3	877	924	0	972	
2	25	3	877	924	0	972	
3	25	3	877	924	0	972	
4	25	3	877	924	0	972	
5	25	3	877				





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

SECOND FEET EXCEPT AS NOTED

DATE	MARYSVILLE CANAL	FARMERS OWN CANAL	ENTERPRISE CANAL	CONANT CR. CANAL	CHESTER CANAL	DEWEY CANAL	LAST CHANCE CANAL	TWIN GROVES CANAL	SALEM UNION CANAL	TOTAL ABOVE	ST. ANTHONY	EGIN CANAL	INDEPENDENCE CANAL	CONSOLIDATED FARMERS CANAL	TOTAL BELOW ST. ANTHONY	TOTAL JACKSON LAKE DIVISION ON HENRYS FORK AND TRAILS
1										110					110	
2										112					112	
3										114					114	
4										122					122	
5										129					129	
6							0			129					129	
7						5	35			129	40				129	
8						5	36			129	41				129	
9						8	38			129	46				129	
10						10	37			130	47				130	
11						12	36			131	48				131	
12						12	40			131	52				131	
13						11	43			133	54				133	
14						12	43			132	55				132	
15						14	43			131	57				131	
16						12	43			131	55				131	
17						11	44			131	55				131	
18						11	44			131	55				131	
19						11	48			131	55				131	
20						11	38			131	55				131	
21						11	27			129	38				129	
22						0	23			127	23				127	
23						0	19			127	19				127	
24						14	19			129	33				129	
25						14	19			129	33				129	
26						10	18			129	28				129	
27						4	16			129	20				129	
28						4	24			130	30				130	
29						3	26			130	32				130	
30						3	36			132	42				132	
31						3	36			132	42				132	
AUG 1						3	36			132	42				132	
2						3	36			132	42				132	
3						3	36			132	42				132	
4						3	36			132	42				132	
5						3	36			132	42				132	
6						3	36			132	42				132	
7						3	36			132	42				132	
8						3	36			132	42				132	
9						3	36			132	42				132	
10						3	36			132	42				132	
11						3	36			132	42				132	
12						3	36			132	42				132	
13						3	36			132	42				132	
14						3	36			132	42				132	
15						3	36			132	42				132	
16						3	36			132	42				132	
17						3	36			132	42				132	
18						3	36			132	42				132	
19						3	36			132	42				132	
20						3	36			132	42				132	
21						3	36			132	42				132	
22						3	36			132	42				132	
23						3	36			132	42				132	
24						3	36			132	42				132	
25						3	36			132	42				132	
26						3	36			132	42				132	
27						3	36			132	42				132	
28						3	36			132	42				132	
29						3	36			132	42				132	
30						3	36			132	42				132	
31						3	36			132	42				132	
1						3	36			132	42				132	
2						3	36			132	42				132	
3						3	36			132	42				132	
4						3	36			132	42				132	
5						3	36			132	42				132	
6						3	36			132	42				132	
7						3	36			132	42				132	
8						3	36			132	42				132	
9						3	36			132	42				132	
10						3	36			132	42				132	
11						3	36			132	42				132	
12						3	36			132	42				132	
13						3	36			132	42				132	
14						3	36			132	42				132	
15						3	36			132	42				132	
16						3	36			132	42				132	
17						3	36			132	42				132	
18						3	36			132	42				132	
19						3	36			132	42				132	
20						3	36			132	42				132	
21						3	36			132	42				132	
22						3	36			132	42				132	
23						3	36			132	42				132	
24						3	36			132	42				132	
25						3	36			132	42				132	
26						3	36			132	42				132	
27						3	36			132	42				132	
28						3	36			132	42				132	
29						3	36			132	42				132	
30						3	36			132	42				132	
31						3	36			132	42				132	



JACKSON LAKE at MORAN, WYOMING

Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
5,850	33,540	60,030	85,910	115,690	137,820	163,420	208,560	382,490	708,300	519,330	218,010	
6,880	34,410	60,740	86,450	116,620	138,570	164,590	210,570	395,140	709,770	507,010	213,790	
7,740	35,460	61,450	86,990	117,550	139,330	165,960	212,780	404,750	711,000	494,320	210,570	
8,600	36,520	62,170	87,530	118,480	140,080	167,320	214,800	413,020	711,980	480,720	206,950	
9,290	37,750	62,880	88,070	119,410	140,650	168,690	217,010	422,480	712,720	466,740	203,940	
9,800	38,630	63,590	89,170	120,340	141,220	169,860	219,020	433,980	713,210	453,050	199,950	
10,320	39,510	64,310	90,090	121,270	141,780	171,610	222,230	446,910	713,460	439,630	195,990	
10,830	40,390	65,020	91,010	122,750	142,350	173,560	225,900	461,240	713,210	425,410	191,010	
11,520	41,450	65,550	91,740	124,060	142,920	174,730	228,150	476,820	712,470	411,460	185,500	
12,040	42,500	66,270	92,470	124,610	143,670	175,700	231,200	493,860	711,250	397,820	179,990	
12,550	43,380	66,800	93,570	125,170	144,440	176,680	233,860	509,800	708,540	384,260	175,510	
13,070	44,090	67,340	94,490	125,740	145,390	177,650	238,140	526,540	704,860	370,530	171,420	
13,580	44,970	67,870	95,400	126,680	146,160	178,630	242,830	542,890	699,950	357,590	167,520	
14,790	45,850	68,410	96,320	127,630	147,120	179,410	245,720	563,080	694,810	344,700	162,840	
16,160	46,730	69,120	97,420	128,760	147,890	180,580	248,210	578,890	688,470	331,460	157,860	
18,060	47,610	70,010	98,700	129,700	148,850	181,750	251,720	594,540	681,150	317,890	153,640	
18,760	48,490	70,730	100,530	130,270	149,610	183,320	254,410	603,100	674,570	306,730	147,890	
19,460	49,370	71,460	102,550	130,840	150,380	184,510	259,370	612,650	666,080	296,330	142,160	
20,670	50,250	72,180	103,650	131,400	151,150	185,890	263,710	622,200	657,360	286,570	137,630	
21,540	51,130	72,900	104,560	131,970	152,110	187,480	268,530	632,770	648,160	280,260	132,910	
22,240	52,010	73,620	105,480	132,530	153,060	189,260	275,020	642,390	638,300	273,980	128,000	
22,930	52,900	74,530	106,390	133,290	153,830	190,840	282,150	652,760	627,960	267,480	123,500	
24,150	53,790	75,790	107,320	134,040	154,600	192,820	291,240	662,450	617,910	261,440	119,590	
25,370	54,680	77,240	108,250	134,610	155,360	194,800	300,990	672,620	607,400	255,440	117,550	
27,110	55,390	78,680	109,180	135,180	156,320	196,780	312,100	680,910	597,620	251,720	115,880	
28,150	56,280	80,130	110,110	135,740	157,470	198,370	323,690	687,740	586,710	248,410	114,570	
28,850	57,000	81,390	111,040	136,310	158,430	199,950	334,710	693,630	576,040	244,280	113,830	
29,720	57,710	82,660	111,970	137,060	159,390	201,930	345,780	698,480	565,680	239,360	113,270	
30,590	58,600	83,740	112,900		160,350	203,940	354,740	702,900	555,070	234,880	113,270	
31,450	59,310	84,460	113,830		161,500	205,950	362,850	706,580	543,360	229,780	113,270	
32,500		85,180	114,760		162,460		371,860		531,430	223,450		

YEAR \_\_\_\_\_ MEAN \_\_\_\_\_  
 ACRE-FOOT \_\_\_\_\_

SNAKE RIVER near MORAN, WYOMING

Plate No 24

Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
17	14	11	12	11	12	12	59	28	2130	7660	2790
16	14	11	12	11	12	12	46	30	2250	7840	2310
14	14	11	12	11	12	12	40	28	2510	8040	2170
14	14	11	11	11	12	12	38	28	2520	8200	1970
13	14	11	11	11	12	14	38	25	2530	8260	2130
13	14	11	11	11	12	14	43	25	2530	8260	2440
13	14	10	11	11	12	14	43	25	2580	8240	2770
13	14	10	11	12	12	15	33	25	2640	8200	3110
13	13	10	11	12	12	15	30	46	2670	8160	3110
13	13	10	11	11	12	17	41	95	3220	8040	2740
13	13	10	11	11	12	17	35	101	3730	7870	2460
13	13	10	11	11	12	18	33	178	4210	7760	2490
13	13	10	11	11	12	18	30	288	4660	7590	2550
14	13	10	11	11	12	20	28	305	5060	7480	2570
16	13	10	11	11	12	22	25	279	5380	7360	2630
16	12	10	11	11	12	23	24	184	5650	7100	2940
14	12	10	11	11	12	25	24	118	5940	6640	3160
14	12	10	11	11	12	26	22	101	6220	6030	3020
15	12	10	11	11	12	29	23	104	6490	4800	2770
15	12	10	11	11	12	30	24	109	6720	3880	2650
15	12	12	11	11	12	33	25	112	6850	3800	2580
15	12	12	11	12	12	33	28	118	7020	3840	2440
15	12	12	11	12	12	36	30	118	6890	3720	2530
15	12	12	11	12	12	36	33	118	6680	2730	1610
15	12	12	11	12	12	41	30	90	6750	2050	954
14	12	12	11	12	12	46	30	44	6770	2190	860
14	12	12	11	12	12	46	29	1040	6750	2690	778
14	12	12	11	12	12	63	28	1890	6900	2760	383
14	12	12	11	12	12	72	28	1890	7150	3070	540
14	11	12	11	12	12	63	28	2010	7400	3470	305
14	12	12	11	12	12		28		7570	3370	

14.2	12.7	10.9	11.1	11.3	12.0	27.8	32.1	318	5044	5842	2179
875	758	670	682	629	738	1650	1980	18950	310,200	359,200	129,600

Year Mean 1,141  
Acres-Foot 825,900

SHAKE RIVER near BRIDGE, IDAHO

Plate No. 15

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2530	2090	1950		1770	1680	1970	7090	12300	13000	11900	6520
2	2340	2120	1870		1800	1680	1930	6630	12100	12100	11800	6030
3	2160	2140	1790		1660	1720	1920	6220	12000	11800	11800	5450
4	2110	2120	1800			1820	2030	5920	11600	12100	11900	5180
5	2060	2090	1800	1790		1800	2070	6110	11900	12100	12100	5080
6	2030	2080				1790	2100	6890	13000	11700	12000	4830
7	2010	2090			1750	1790	2060	7270	14300	11500	11900	5250
8	2010	2090				1850	2040	7060	15600	11400	11800	5550
9	1980	2080		1790		1690	2170	7060	17100	11300	11800	5730
10	1980	2060		1770	1800	1630	2260	7480	18500	10900	11600	5760
11	1980	2040	1840	1770	1720	1660	2310	7980	19000	10900	11300	5630
12	1950	2000		1770	1660	1680	2590	7880	19300	11300	11100	5130
13	1950	1960		1800	1720	1690	2900	7480	20100	11300	11000	5110
14	1960	1950		1720	1770	1770	3400	6920	21400	11600	10800	5110
15	2060	1930			1680	2040	4290	6600	21200	11800	10700	5130
16	2240	1920			1580	2110	5040	6860	19400	11900	10500	5160
17	2120	1920			1650	1960	5130	7420	17100	12300	10300	5230
18	2140	1980	1880	1720	1720	1920	5130	8170	15000	12400	10200	5550
19	2120	2060	1850	1770	1770	1900	5520	8330	13800	12400	9720	5500
20	2160	2080	1880	1740	1740	1840	6630	8560	13900	12400	8590	5280
21	2110	2030	1900	1790	1790	1880	7880	8860	14400	12400	7510	5060
22	2080	1960	1880	1720	1800	1900	8360	9970	14100	12400	7180	5040
23	2090	1960	1880	1790	1790	1820	7270	11600	14100	12400	7210	4990
24	2120	1960	1850	1770	1770	1760	6300	13100	14500	12200	7270	5010
25	2310		1800	1710	1770	1770	5710	13500	14100	11700	6780	4830
26	2360		1760	1690	1850	1850	5970	13900	12600	11500	5630	3970
27	2280		1800	1690	1870	1870	7150	14000	11500	11500	5400	3670
28	2210	1950	1850	1680	1790	1790	7420	14200	11800	11400	5680	3590
29	2160		1840	1800	1800	1800	6890	13100	12900	11400	5780	3400
30	2120		1840	1900	1900	1900	7120	11800	13300	11600	5860	3150
31	2110		1790	1960	1960	1960	12500	11600	11600	11600	6250	

Year	2,120	2,010	1,840	1,756	1,731	1,817	4,482	9,047	16,065	11,816	9,466	5,017
Acres-Foot	130,600	119,800	113,200	108,000	98,120	111,700	264,900	556,500	896,300	726,600	582,100	228,600
Mean	5,631											
Acres-Foot	4,004,120											

Year	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1360	625	1360	1410	1790	1730	2100	6930	9440	5990	4950	2220
1270	455	1240	1360	1770	1980	2080	6900	9560	5950	5120	2420
1170	491	1630	1230	1760	1850	2100	6380	9820	5180	5240	2420
1060	413	1420	1230	1750	1940	2080	5950	10100	5030	5480	1840
936	350	1390	1240	1670	1810	2120	5540	9520	5700	5920	1710
882	389	1300	1500	1660	2010	2170	5830	9040	5610	6220	1880
850	376	1280	1900	1830	1870	2200	6690	9300	5300	6150	1690
865	410	1230	1710	1940	1840	2130	7180	9710	5150	6020	2060
894	730	1190	2020	2120	1890	2240	7070	10400	4830	6020	2390
906	765	1230	1850	2120	1890	2240	6820	8040	4320	5950	2060
900	740	1250	1850	2010	1840	2260	7390	12400	3800	5950	1830
990	900	1340	1710	1870	1820	2160	7790	12300	3820	5990	1820
918	900	1430	1660	1660	1880	2170	7930	12400	3940	5670	1880
924	870	1630	1770	1700	2030	2300	7540	13400	3870	5730	1810
948	845	1710	1620	1770	2220	2580	6720	14500	3980	5730	1970
1020	840	1960	1480	1810	2290	3310	6150	14700	4090	5950	2270
1120	845	1870	1450	1790	2390	4500	6020	12800	4450	5890	2030
1050	855	1990	1400	1810	2360	4690	6690	10200	4630	6050	2290
997	865	1990	1230	1790	2290	4520	7650	8040	4750	5920	2660
972	870	1890	1120	1870	2230	4630	7830	6690	4750	5120	2680
930	972	1860	1130	1850	2230	5450	8080	6620	4980	4120	2400
954	865	1840	1070	1890	2130	6860	8410	7140	5150	3270	2090
972	1060	1830	978	1960	2190	7570	9330	7110	5270	3250	2170
954	1040	1750	972	2060	2190	6960	10700	7180	5360	3370	1960
972	1030	1730	1430	1890	2100	5920	11900	7390	5300	3480	2080
1050	1110	1730	1580	1840	2170	5300	12400	7140	4690	3330	2020
997	1190	1730	1940	1750	2150	5390	12600	5830	4370	2440	1560
960	1150	1670	1890	1690	2100	6380	11800	4610	4320	2150	1320
918	1310	1610	1850		2060	6820	11400	4260	4630	2160	1350
790	1540	1540	1810		1930	6520	10400	5210	4800	1970	1400
755		1480	1790		2220		8890		4830	1810	

YEAR	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
MEAN	977	827	1584	1522	1856	2053	3925	8158	9162	4801	4723
ACRE-Feet	60,070	49,190	97,390	95,580	102,000	126,200	233,600	501,600	545,200	295,200	290,400
MEAN	3,478										
ACRE-Feet	2,514,000										

Year	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
0	210			30	30	119	107	52	87		
0	190			30	35	105	117	122	45		
0	170				40	87	135	205	4		
0	150				46	74	161	190	4		
0	130	100			44	79	126	167	72		
0	110			30	42	67	114	58	36		
0	90				34	54	128	24	0		
0	80				27	51	137	7	0		
0	80				16	48	113	8	0		
0	79	106			20	42	63	36	0		
0	79			20	23	19	51	12	0		
0	78	100			30	9	44	0	0		
0	76				38	23	79	0	0		
0	75				66	10	98	0	0		
0	75				95	123	88	0	9		
0	75			15	57	60	48	4	0		
0	75				54	89	48	36	0		
0					50	82	109	15	0		
0				10	42	52	235	0	0		
0					34	65	267	0	0		
0			30		42	128	221	0	0		
0					50	191	156	0	0		
38	90				56	254	132	0	0		
31				20	56	318	103	0	0		
16					68	248	62	0	0		
60					75	159	19	0	0		
83					73	68	4	0	0		
172					60	93	30	0	0		
190					31	98	10	0	0		
221					27	116	11	14	0		
					92		29		0		

- Dry -

- Dry -

- Dry -

0	27.0	99.4	59.5	22.0	47.2	97.7	98.2	31.7	8.29	0	0
0	1810	6110	2680	1220	2900	5810	6040	1880	510	0	0

Year Mean 41.1  
 AGR-FEET 29,740

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	152	134	1020	996	1180	1210	1400	5360	5820	2080	2010	350
2	155	127	848	896	1130	1420	1230	5680	6440	2460	2240	303
3	161	122	716	816	1070	1630	1180	5290	6640	1930	2290	497
4	152	122	1120	674	1050	1510	1190	4950	6960	1530	2460	660
5	147	122	920	765	1040	1450	1100	4440	6580	1910	2880	299
6	147	122	885	840	1060	1360	1110	4380	5580	2070	3600	233
7	151	122	850	969	1090	1400	1090	4840	5270	1730	3770	399
8	155	117	816	1420	1230	1420	1530	5340	5490	1520	3540	383
9	159	115	709	1390	1330	1250	1600	5380	6030	1310	3200	737
10	163	111	674	1440	1420	1420	1680	5050	6910	996	3320	730
11	166	117	730	1400	1390	1370	1650	4800	7670	538	3540	459
12	166	119	744	1470	1310	1370	1440	5270	7840	303	3660	582
13	179	115	808	1160	1270	1470	1030	5490	7810	261	4140	751
14	185	117	1100	1070	1100	1660	1020	5180	8220	326	4060	800
15	185	129	1210	1230	1080	1840	1230	4260	9560	409	4200	702
16	179	122	1310	969	1110	1980	1570	3410	10600	458	4340	880
17	179	119	1560	864	1100	2100	2750	3000	9800	515	4420	896
18	172	127	1430	856	1110	2080	3430	3490	7560	856	3900	620
19	166	136	1480	864	1120	1790	3390	4670	5100	1030	4000	1100
20	166	141	1570	544	1150	1690	3360	5270	3380	1190	3520	896
21	161	134	1470	458	1370	1650	3750	5470	2820	1500	2680	978
22	158	136	1460	373	1400	1700	4880	5520	3340	1570	1730	822
23	155	139	1400	388	1520	1640	6190	6050	3410	1620	1040	667
24	175	158	1340	404	1480	1630	6310	6880	3430	1890	1270	723
25	179	152	1240	430	1360	1540	5470	8080	3580	1930	1680	533
26	175	169	1250	824	1130	1430	4530	8880	3580	2540	1690	509
27	188	198	1370	1330	1130	1340	4100	8990	2680	2240	1420	458
28	172	286	1380	1450	1140	1300	4650	8450	1430	2070	1200	517
29	158	627	1270	1350		1280	5430	8190	730	2320	1050	290
30	161	808	1160	1330		1440	5380	7650	1040	2340	793	245
31	144		1030	1250		1380		5980		2110	634	

MEAN	165	175	1125	975	1210	1540	2822	5667	5510	1469	2719	594
ANNUAL TOTAL	10140	10,440	69,180	59,940	67,180	94,710	167,900	348,500	327,900	90,350	167,200	55,360

YEAR MEAN 2,001  
 CUBIC FEET 1,449,000

SPACE RIVER AT THOMPSONS RABBIT CR., PINNACLES, IDAHO

Page 16, 17

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							1960	5900	6420	2550	2530	1050
2							1780	6240	6990	3070	2730	1010
3							1720	5870	7170	2590	2850	1060
4							1680	5480	7510	2140	3010	1280
5							1610	4900	7170	2440	3410	1020
6							1640	4860	6270	2650	4050	965
7							1670	5320	5900	2320	4260	1020
8							2010	5840	6140	2100	4090	1010
9							2190	5940	6670	1880	3740	1250
10							2250	5580	7530	1600	3880	1310
11							2250	5340	8510	1210	4120	1130
12							2120	5800	8530	1030	4200	1150
13						2080	1610	6020	8420	965	4660	1360
14						2230	1570	5840	8610	974	4570	1400
15						2460	1780	5000	9660	1020	4680	1300
16						2510	2140	4140	10500	1100	4810	1390
17						2650	3390	3700	10000	1120	4950	1520
18						2690	4030	4010	8260	1380	4480	1220
19						2380	3990	5110	5870	1530	4640	1540
20						2270	3970	5840	4050	1630	4240	1540
21						2230	4370	6070	3470	2080	3470	1530
22						2290	5510	6120	3820	2150	2530	1310
23						2210	6860	6650	3970	2200	1740	1190
24						2210	6990	7480	3950	2470	1880	1260
25						2100	6070	8560	4050	2510	2270	1120
26						1980	5110	9300	4140	3120	2250	1070
27						1910	4660	9440	3430	2790	2080	1030
28						1840	5180	9180	2170	2590	1780	920
29						1800	5970	8910	1420	2770	1710	884
30						1980	5970	8640	1530	2890	1420	830
31						1930		6830		2650	1280	

(13-31)

Jan						2197	3402	6255	6064	2049	3500	1159
Acres						82,810	202,400	384,600	360,900	126,000	202,900	70,750

MEAN  
ACRE-Feet 1,430,360

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
33,120	17,990	75,380	255,080	403,180	575,280	746,710	963,500	966,000	822,920	388,360	177,520
32,380	17,500	82,130	259,620	408,050	581,640	749,160	974,770	967,260	811,060	377,850	166,650
30,830	18,540	88,600	263,950	413,440	587,780	754,160	983,530	970,690	799,200	366,840	156,290
29,610	19,970	95,200	268,710	418,630	594,970	759,560	987,820	973,100	786,970	353,130	146,290
27,980	21,180	101,620	271,520	424,410	600,910	761,730	990,830	975,600	778,320	344,580	136,300
27,330	21,890	107,950	275,290	430,190	609,040	768,940	993,830	977,270	765,690	335,220	126,500
26,510	22,320	114,460	279,960	437,020	614,980	776,510	999,410	972,680	754,880	327,630	115,980
27,000	23,170	120,090	284,640	443,360	619,450	782,640	1,002,410	968,920	741,440	321,220	105,670
28,350	24,950	126,020	290,200	449,820	625,570	791,050	1,004,560	965,590	728,100	316,040	99,200
25,590	26,670	131,620	296,050	456,010	630,410	798,830	999,840	963,080	712,050	308,230	92,920
25,170	28,630	137,140	301,560	463,290	635,240	806,610	1,001,990	961,850	698,730	302,710	87,170
24,310	30,750	142,730	306,620	469,490	640,070	812,910	999,410	959,330	683,020	298,580	83,330
23,600	32,550	148,490	312,590	476,400	645,870	816,990	1,002,410	957,660	667,710	294,210	79,080
23,170	33,850	154,510	317,900	482,760	651,770	822,550	1,001,990	954,740	651,770	289,090	75,990
22,460	34,460	161,290	322,890	488,570	655,420	827,460	999,840	952,230	633,950	284,640	69,740
22,390	34,730	167,540	328,580	494,100	663,720	830,510	995,120	954,740	614,980	281,300	63,490
21,890	34,920	174,140	333,330	499,430	669,700	838,510	988,680	954,740	599,350	278,350	57,980
21,320	35,280	181,460	339,020	504,940	676,340	848,420	982,280	955,990	582,550	275,960	52,880
21,250	35,930	187,280	343,360	510,260	683,020	857,950	979,360	950,980	566,800	272,170	47,060
21,180	36,390	193,450	348,250	515,950	688,140	867,630	975,180	943,890	554,690	269,570	43,580
21,110	36,660	201,090	352,890	522,220	694,970	873,910	971,850	935,330	537,970	265,030	43,100
21,750	36,390	206,960	356,550	529,460	697,710	884,100	970,590	925,220	524,210	259,400	42,460
21,820	38,960	213,200	359,970	537,670	706,930	896,650	966,420	912,280	509,690	251,620	42,740
21,890	43,100	218,490	363,140	545,590	712,050	914,300	965,170	900,970	492,720	248,010	43,100
22,600	46,550	225,210	366,590	551,170	716,150	927,250	962,660	893,520	481,660	245,690	45,730
22,740	50,940	228,370	370,090	557,420	718,270	937,350	965,170	885,670	470,320	242,960	46,850
21,750	55,060	235,590	374,850	563,470	725,640	943,890	968,090	875,870	457,090	236,430	46,850
21,180	60,010	241,060	380,100	569,530	729,150	948,480	968,510	864,890	443,630	225,620	45,120
21,820	64,840	244,960	385,610		729,150	950,980	969,340	848,800	432,030	214,420	44,100
20,610	70,110	247,370	391,390		737,580	954,320	969,340	834,700	419,680	200,890	45,220
19,470		250,750	397,280		739,680		969,760		404,970	187,840	

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YEAR  
OR  
ACROSS-YEAR



SNAKE RIVER at NEBLEY, IDAHO

For the year ending September 30, 1966

Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2730	3290	458	1500	876	710	1810	4110	8210	10900	11500	8510
2	3290	2520	458	1390	876	710	1770	3600	7910	10800	11200	8130
3	3270	2310	443	1300	768	724	1720	3320	7960	10100	11000	7830
4	3200	2070	385	1360	874	724	1740	3930	7960	9740	10500	7660
5	3160	2510	388	1260	702	730	1450	4650	8210	9870	10200	8040
6	3160	2490	371	1270	701	724	722	5200	8940	10300	9960	8430
7	2260	2490	410	1300	694	1100	578	5530	9520	10600	9520	8080
8	3120	2030	415	1310	516	1380	578	5970	9820	10800	8990	7450
9	3090	1800	425	1220	507	1340	571	6540	9960	10900	8810	5930
10	3070	1840	427	1160	502	1380	478	7540	10300	11100	8770	6020
11	3010	1560	430	1170	486	1380	544	7750	10600	11000	8730	5530
12	3070	1840	420	1170	496	1330	825	7540	10900	11000	8510	5080
13	3070	1890	432	1170	609	1320	930	7750	11000	10900	8380	5000
14	3030	2170	433	1170	648	1370	930	8260	11000	11000	8380	5410
15	3050	2630	502	1180	646	1320	930	8640	11200	11300	8640	6150
16	3010	2610	529	1180	822	1320	940	8770	11500	11600	8510	6160
17	3000	2690	675	1180	882	1340	1070	9080	11600	11900	8300	6130
18	2960	2340	902	1250	882	1300	1120	9380	11000	11500	8300	6050
19	2950	2730	1190	1160	882	1300	1020	9520	10600	11200	8260	5780
20	2960	2730	1210	1090	892	1530	834	9030	10600	11300	8260	4990
21	2960	2730	991	1090	728	1510	684	8810	10600	11300	8130	3610
22	2960	2760	866	1100	696	1540	1080	9030	10500	11200	8000	3470
23	2750	706	874	1100	702	949	1920	9380	10700	11200	7080	2830
24	2690	708	874	1060	703	826	1980	10000	10800	11000	5090	2790
25	2540	730	1110	1060	710	1660	1980	10500	10800	10700	5350	1590
26	3400	747	1690	1150	703	1840	2680	10900	10800	11000	6240	3220
27	3380	670	1500	1160	703	1800	4490	10900	10800	11100	8380	3190
28	2160	527	1480	1140	722	1840	5450	10900	10900	11400	10100	3190
29	3320	504	1530	1140		1850	5350	10600	11000	11500	10000	3190
30	3300	566	1320	1100		1840	4460	9920	10900	11600	9870	2720
31	3380		1560	996		1850		8990		11600	9560	

MEAN	3,010	1,906	797	1,190	712	1,508	1,688	7,957	10,220	11,020	8,791	5,405
ACRE- FEET	185,100	113,400	48,990	73,160	39,630	80,400	100,400	488,000	608,100	677,400	540,500	321,600

U. S. GOVERNMENT PRINTING OFFICE: 1965 O-7112

YEAR MEAN 4,526  
ACRE-FEET 3,276,580

LAKE WALCOTT near MINIDOKA, IDAHO

For the year ending September 30, 19 55  
Plate No. 1

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10920	21980	61940	62490	64690	61720	87960	96390	97470	94950	94140	49790
2	10330	22590	63260	62710	64690	61500	89360	97470	97590	96150	94840	49680
3	11420	25630	63480	62600	64580	61610	90530	97350	98320	96630	95790	49260
4	12510	26650	63590	62380	64580	61830	92160	96750	97110	95550	94950	47570
5	13500	27760	63260	62380	64580	61720	92620	95910	95670	94950	95790	46090
6	14490	29590	63040	62820	64470	61720	93550	95430	94950	94020	95790	46300
7	14490	31040	62380	63150	64800	61500	94250	94950	94840	93550	95180	46090
8	13790	33530	62160	63700	65230	62160	94490	94490	94720	93440	93900	46190
9	14290	35500	61280	64140	64580	63480	94020	93790	94140	94020	92740	43660
10	14880	38090	60530	64140	63920	64360	94950	92160	94140	93790	90760	43550
11	15080	40070	59560	64360	63260	65450	94720	95070	94490	94490	89130	43130
12	15280	41650	58380	64360	62600	66550	94370	94720	94490	94840	87270	42920
13	14590	43340	57410	64360	61940	67430	93790	94720	94490	94950	85290	42810
14	14690	45240	56550	64360	61610	68970	93670	94720	93090	94720	82860	42590
15	15280	47140	55900	64360	61500	69410	94020	94720	93900	94720	80270	42280
16	15280	48520	55690	64360	61280	70950	93090	94140	94720	94490	78240	40800
17	15080	49890	55260	64250	61280	72160	94020	93320	94950	94950	75650	39750
18	14980	51390	55470	64690	61500	73390	95430	93900	95670	94950	72490	38920
19	14490	51490	55260	64800	61940	74520	95790	94950	94600	95070	69960	37890
20	15480	53640	55690	64360	62160	74740	95550	96150	94020	94720	67430	36950
21	16470	56760	57090	64030	62490	77110	93090	95670	94250	94950	64690	34150
22	15080	58700	56010	63920	62380	76890	93440	94950	94250	94720	62050	30110
23	15280	61280	58050	63590	62380	78800	92620	93790	92620	94140	60420	26440
24	15480	61060	57520	63480	62380	78800	92860	93550	91920	93320	56550	21670
25	16070	61390	58050	63480	62270	78800	92620	93440	92620	93440	52890	17860
26	16470	61610	58700	63700	62160	78800	91920	94370	93090	93320	49470	16270
27	18050	61940	58910	63920	61940	81280	92160	95430	93670	93320	48520	16770
28	19240	62160	59670	63920	61830	82410	96030	97110	93320	92390	48830	18250
29	18850	62380	60740	64140		82520	96390	97350	93320	93550	49260	20560
30	20460	62820	61500	64580		85170	95910	97230	94370	94370	49150	22490
31	21670		62160	64800		86220		97350		94350	49260	

Year	
Acres	
Mean	

YEAR MEAN  
ACRE-FEET

NO. SIDE MINIDOKA CANAL near MINIDOKA, IDAHO

For the year ending December 31, 1928  
Plate No 57

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	212	906					433	635	552	1440	1440	1240
2	490	382					435	584	552	1450	1380	1190
3	550	0					438	559	605	1450	1310	1230
4	550	0					440	489	704	1440	1310	1250
5	541	0					442	485	834	1440	1310	1270
6	544	0					480	534	958	1490	1310	1260
7	544	0					507	656	1180	1540	1310	1210
8	539	0					499	782	1300	1540	1260	1160
9	544	0					496	879	1410	1540	1230	1150
10	596	0					496	832	1480	1560	1220	1160
11	654	0					496	728	1580	1580	1240	1110
12	652	0					496	728	1580	1580	1290	1060
13	649	0					494	790	1580	1580	1280	1050
14	654	0					494	866	1580	1580	1320	972
15	753	0					247	945	1580	1580	1340	934
16	845	0					163	974	1580	1600	1280	923
17	822	0					285	910	1580	1600	1240	912
18	819	0					402	870	1580	1600	1220	906
19	814	0					526	875	1580	1600	1280	897
20	830	0				50	596	936	1570	1600	1320	858
21	832	0				100	592	972	1570	1600	1350	732
22	862	0				127	588	1060	1570	1600	1350	654
23	923	0				128	628	1160	1570	1590	1350	666
24	919	0				166	690	1320	1570	1580	1330	645
25	934	0				212	690	1460	1580	1590	1330	601
26	941	0				212	744	1500	1590	1590	1340	605
27	974	0				267	799	1500	1590	1590	1340	620
28	994	0				363	811	1550	1550	1590	1320	592
29	990	0				421	859	1580	1450	1600	1300	578
30	1010	0				421	799	1390	1440	1570	1270	580
31	1040	0				426		850		1510	1270	
						430						

-Dry Dec. to Feb. incl.-

-Dry-

Mean	743	42.9				107	535	948	1361	1555	1505	934
Acres-Irrig.	45,660	2,550	0	0	0	6,590	31,860	58,310	81,020	95,600	80,210	55,570

YEAR MEAN 632  
ACRES-IRRIG. 457,400

SOUTH SIDE MINIDOKA CANAL NEAR MINIDOKA, IDAHO

Plate No. 3

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	409	471						246	582	1150	1280	1210
2	391	572						231	482	1060	1290	1200
3	399	629						231	480	1050	1280	1190
4	399	603						231	502	1070	1270	1200
5	361	565						232	578	1130	1240	1190
6	389	460						235	722	1130	1190	1170
7	399	401						263	897	1180	1180	1110
8	391	391						287	1050	1230	1200	1080
9	399	395						328	1120	1240	1180	1030
10	407	405						375	1230	1250	1150	1000
11	397	385						399	1270	1270	1120	1030
12	389	387						415	1290	1280	1110	1030
13	397	391						478	1300	1280	1140	1020
14	405	409						634	1300	1270	1170	1020
15	407	397						749	1290	1270	1180	993
16	430	391						836	1280	1280	1180	946
17	464	397						900	1280	1280	1180	908
18	460	401						869	1290	1290	1160	875
19	460	391						819	1290	1300	1180	808
20	480	385						814	1290	1290	1200	776
21	493	350						926	1290	1280	1210	744
22	478	300						1020	1290	1290	1220	682
23	484	305						1090	1280	1280	1220	590
24	467	266						1110	1260	1280	1180	493
25	467	246						1100	1260	1280	1170	456
26	469	214						1150	1240	1280	1160	478
27	498	75						1210	1250	1280	1200	502
28	484	0						1220	1260	1280	1190	504
29	462	0					287	1210	1250	1280	1200	397
30	491	0					278	1070	1200	1300	1220	367
31	500							781	1290	1220		

- Dry Dec. to Mar. incl. -

- Dry -

Acres	456	555	0	0	0	0	18.8	692	1105	1259	1196	867
Feet	26,650	20,990	0	0	0	0	1,120	42,560	65,660	76,200	73,530	51,570

Year \_\_\_\_\_  
 Acres-Feet 358,500

Daily discharge, in second-feet, of SNAKE RIVER near MINIDOKA, IDAHO

for the year ending September 30, 1935  
Plate No. 34

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1990	1170	457	1490	1100	968	622	3170	6770	7600	8310	6520
2	2050	1230	441	1490	1040	944	598	2890	6800	7600	8010	6110
3	2040	1200	517	1520	1030	944	604	2700	7110	7600	7770	6080
4	2020	1140	698	1510	1020	968	610	3190	7370	7630	7570	6080
5	1990	1110	671	1410	1020	968	622	3900	7310	7480	7370	6160
6	1940	1090	667	1320	1030	944	556	4660	7280	7600	7280	6300
7	1950	1100	785	1320	1040	960	130	4870	7310	7690	7140	6240
8	1950	708	827	1320	1040	1000	122	4970	7340	7660	7020	6160
9	1990	460	976	1340	1040	968	122	5280	7280	7740	6820	4800
10	1990	380	1020	1340	1040	976	120	5560	7250	8010	6850	3930
11	1990	310	1100	1320	1040	976	200	5950	7340	7950	6990	3740
12	2000	425	1170	1340	1030	928	544	6430	7630	7980	6820	3320
13	2000	548	1070	1330	1040	904	586	6430	7800	8040	6630	3190
14	2000	662	1010	1440	1020	819	544	6660	7860	8070	6800	3300
15	2020	1050	920	1480	960	750	556	6880	7950	8190	7050	5160
16	1920	1470	912	1380	968	682	568	6990	7980	8430	7160	5210
17	1810	1480	1000	1370	960	640	556	7160	8010	8730	7250	5180
18	1680	1480	1040	1300	960	646	538	7280	7860	8610	7220	5040
19	1640	1460	1040	1340	960	791	520	7370	7720	8370	7190	4940
20	1560	1490	1040	1340	952	928	515	7110	7690	8310	7110	4750
21	1480	1290	968	1330	976	928	538	7080	7430	8250	6990	4520
22	1440	1280	944	1310	976	920	856	7110	7310	8250	6850	4360
23	1400	574	928	1330	968	658	1570	7190	7570	8250	5610	4190
24	1340	515	928	1250	936	700	1600	7430	7800	7950	4750	4100
25	1180	526	1140	1120	960	714	1670	7480	7690	7720	4730	2800
26	1150	524	1490	1120	952	735	1610	7510	7510	7740	4970	3120
27	1140	525	1520	1120	952	721	2190	7720	7430	7830	5690	1820
28	1140	523	1360	1130	952	728	3420	7720	7480	8160	7890	1400
29	1150	520	1280	1130		728	4190	7720	7660	8130	7830	1200
30	1140	401	1290	1130		682	3580	7540	7690	7950	7600	1190
31	1140		1450	1140		640		6940		8010	7400	

MEAN	1,685	888	989	1,318	999	854	1,015	6,158	7,508	7,985	6,925	4,530
ACRS- FEET	108,600	52,840	60,810	80,950	55,480	51,290	60,410	578,600	446,700	491,000	425,800	257,700

YEAR MEAN 3,405  
ACRS-FEET 2,465,180

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.29	8.35	6.91	6.57	7.22	7.16	8.04	9.42	9.98	10.00	10.46	10.20
2	9.05	8.04	7.07	6.76	7.21	7.22	8.00	10.06	9.91	10.06	10.70	10.14
3	8.93	8.53	7.00	6.85	7.18	7.08	8.06	10.23	9.92	10.12	10.80	10.00
4	8.88	8.76	6.82	6.96	7.13	7.20	8.16	9.99	9.91	10.10	10.63	9.87
5	8.76	8.99	6.64	7.06	7.09	7.07	8.12	9.77	9.99	10.15	10.76	9.81
6	8.67	9.07	6.44	7.08	7.06	7.26	8.30	9.90	10.08	9.96	10.82	9.85
7	8.50	9.08	6.24	7.03	7.04	7.26	8.42	9.93	10.16	10.08	10.80	9.86
8	8.40	8.92	6.05	7.02	7.04	6.93	8.42	10.10	10.11	10.08	10.78	9.88
9	8.44	8.95	5.96	6.94	7.00	7.20	8.42	10.06	10.04	10.17	10.78	9.89
10	8.38	8.82	6.00	6.96	6.98	7.14	8.57	9.58	10.03	10.04	10.60	10.05
11	8.26	8.66	6.03	6.96	7.00	7.23	8.60	9.88	10.16	10.19	10.44	10.15
12	8.20	8.46	6.22	6.92	6.98	7.28	8.64	9.93	10.08	10.21	10.49	10.21
13	8.06	8.38	6.40	6.89	6.94	7.34	8.64	9.94	10.10	10.22	10.38	10.18
14	8.24	8.29	6.64	6.79	7.04	7.31	8.73	9.84	10.02	10.24	10.15	10.06
15	8.18	8.18	6.78	6.97	7.06	6.44	8.60	9.92	10.10	10.20	10.00	10.05
16	8.32	8.36	6.86	6.99	7.08	7.24	8.47	9.85	10.17	10.22	10.10	9.98
17	8.34	8.38	6.70	6.94	7.08	7.12	8.56	9.79	10.12	10.30	10.20	9.90
18	8.44	8.40	6.80	6.99	7.08	6.90	8.73	9.84	10.28	10.53	10.22	9.90
19	8.32	8.40	6.94	7.10	7.10	6.84	8.72	10.07	10.20	10.61	10.22	9.90
20	8.53	8.37	6.90	6.86	7.10	6.79	8.72	10.22	10.14	10.64	10.24	9.92
21	8.62	8.38	7.12	7.17	7.04	7.16	8.42	10.11	10.22	10.62	10.24	9.98
22	8.47	8.23	7.06	7.28	7.09	7.19	8.42	10.08	10.11	10.60	10.12	9.99
23	8.44	8.22	7.16	7.36	7.08	7.64	8.20	9.96	9.84	10.58	9.90	9.97
24	8.43	8.10	7.06	7.43	7.08	7.62	8.70	9.99	9.83	10.52	9.83	9.88
25	8.54	8.09	7.06	7.46	7.14	7.50	8.83	9.96	9.94	10.47	9.78	9.93
26	8.54	7.82	7.14	7.40	7.19	7.46	8.75	9.98	10.05	10.50	9.66	9.96
27	8.50	7.93	7.10	7.34	7.19	7.68	8.42	9.98	10.05	10.48	9.66	10.06
28	8.46	7.80	7.05	7.31	7.14	7.74	8.58	10.06	9.99	10.31	9.94	9.94
29	8.42	7.67	6.92	7.31		7.60	8.83	10.06	9.80	10.59	10.16	9.83
30	8.41	7.66	6.68	7.24		7.87	9.12	10.14	9.93	10.63	10.25	9.62
31	8.44		6.36	7.22		7.86		10.20		10.62	10.16	

MEAN												
ACRE- FEET												



P. A. LATERAL near MILNER, IDAHO

For the year ending September 30, 1935  
Plate No. 24

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0				0			60	59	61	61
2		0				0		6	60	61	62	61
3		0				0		9	59	61	62	61
4		0				0		10	58	61	62	61
5		0				0		10	58	62	62	61
6		0				0		10	59	62	62	60
7		0				0		10	59	62	62	60
8		0				0		31	59	62	62	60
9		0				0		31	59	62	62	61
10		0				0		42	60	62	62	60
11		0				0		42	61	62	62	60
12		0				0		42	61	62	62	60
13		0				0		50	61	62	62	60
14		0				0		52	61	62	62	60
15		0				0		56	61	62	62	52
16		0				0		58	61	62	62	43
17		0				0		58	61	62	62	43
18		0				0		59	61	62	62	43
19		13				0		59	61	62	62	43
20		18				0		59	61	62	62	39
21		7				0		59	61	62	62	38
22		0				0		57	61	62	60	36
23		0				0		57	60	62	60	37
24		0				18		59	60	62	55	37
25		0				18		60	61	62	60	36
26		0				0		60	60	62	60	35
27		0				0		60	60	62	60	35
28		0				0		60	61	62	61	35
29		0				0		60	60	62	61	35
30		0				0		60	58	62	61	35
31		0				0		60	62	61	61	35

-Dry all months-

-Dry Dec. to Feb. incl.-

-Dry all months-

MEAN	0	1.27	0	0	0	1.16	0	45.4	60.1	61.8	61.3	48.9
ACRE-Feet	0	75	0	0	0	71	0	2670	5580	3800	5770	2910

WATER DIVISION, U.S. DEPT. OF AGRICULTURE

MEAN YEAR 23.3  
ACRE-Feet 16,880

MILNER LOW LIFT CANAL near MILNER, IDAHO

Plate No. 37

Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
	0		0			0	0	126	126	127	109
	0		0			0	0	126	126	127	109
	6		0			0	0	124	126	127	109
	19		0			0	0	126	126	126	109
	23		0			0	0	125	126	127	101
	30		0			0	0	126	125	127	101
	52		6			0	0	124	125	127	101
	51		12			0	12	125	125	126	101
	52		13			0	39	125	125	126	101
	54		10			0	53	124	125	126	101
	54		9			0	79	124	125	126	101
	54		0			0	101	124	125	125	79
	54		0			0	114	125	125	125	79
	54		0			0	120	125	125	125	79
	54	---Dry---	0			0	123	125	126	125	79
	54		0	---Dry---		0	123	125	125	125	79
	54		0		---Dry---	0	123	126	125	126	79
	54		0			0	123	125	125	126	79
	54		0			0	123	125	125	125	79
	54		0			0	123	125	126	124	79
	54		0			0	123	125	125	122	79
	46		0			0	124	124	125	122	79
	0		0			0	124	124	126	122	79
	0		0			4	124	124	126	122	79
	0		0			22	124	124	126	122	79
	0		0			14	124	124	126	122	79
	0		0			5	126	121	128	122	79
	0		0			0	128	126	128	107	40
	0		0			0	126	126	128	109	0
	0		0			0	127	126	128	109	0
			0				126		128	108	

Flow	0	30.9	0	1.6	0	0	1.5	84.8	125	126	123	81.6
Vol.	0	1840	0	99	0	0	89	5220	7430	7740	7550	4950

Year Mean 48.1  
 Area-Feet 34,820

GOODING PROJECT IN GOODING CANAL near MILNER, IDAHO

Plate No. 37

Day	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0				0	686	1012	1135	950	642
2	0				0	676	1012	1145	960	0
3	0				0	594	1052	1145	960	0
4	0				0	561	1082	1145	958	0
5	0				0	576	1052	1145	958	0
6	0				0	600	1022	1135	960	0
7	0				0	642	1052	1145	960	0
8	0				0	646	1082	1135	958	0
9	0				0	718	1082	1145	958	0
10	0				0	734	1072	1145	953	0
11	0				0	753	1082	1155	953	0
12	0				0	774	1072	1175	951	0
13	0				0	865	1082	1185	946	0
14	0				0	976	1082	1185	939	0
15	0				0	976	1082	1175	937	0
16	315				0	978	1082	1175	933	0
17	630				0	973	1082	1183	924	0
18	600				0	971	1082	1193	917	0
19	530				0	980	1082	1203	904	0
20	326				0	987	1082	1203	902	0
21	0				0	982	1102	1213	906	0
22	0				0	980	1112	1203	906	0
23	0				0	976	1102	1203	906	0
24	0				0	1012	1092	1103	922	0
25	0				0	1042	1112	799	917	0
26	0				0	1052	1142	756	917	0
27	0				0	1052	1152	758	920	0
28	0				590	1092	1142	769	915	0
29	0				588	1132	1132	895	909	0
30	0				708	1152	1132	928	909	0
31						1042		955	906	

-- Dry --      -- Dry --      -- Dry --      -- Dry --      -- Dry --

Mean	0	80.0	0	0	0	0	56.2	877	1085	1091	933	21.4
Sum	0	4,760	0	0	0	0	3,340	53,910	64,560	67,110	57,350	1,270

YEAR MEAN 349  
 HOURS ACRES-FOOT 252,300

NORTH SIDE CANAL CO. IN GOODING CANAL near MILDER, IDAHO

For the year ending November 30, 1925  
 Volume No.

Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
0	0	0	0	0	0	64	773	732	902	1022	1031
0					0	64	780	732	901	1022	1031
0					0	45	407	729	895	1019	1071
0					0	0	407	728	894	1020	1071
0					0	0	423	728	894	1015	1051
0					0	0	428	723	894	1014	1048
0					0	0	436	724	893	1013	1048
0					0	0	441	725	900	1007	1048
0					0	0	441	739	888	1007	886
0					0	0	450	717	889	1006	558
0					Dry	0	450	707	889	1003	481
0					0	0	497	714	890	999	427
0					0	0	594	768	890	999	417
0					0	75	661	768	892	996	407
240	- Dry -	- Dry -	- Dry -	- Dry -	0	53	730	769	893	938	407
426					0	74	730	773	892	941	405
368					0	44	738	776	942	953	405
302					0	48	737	776	997	963	405
302					0	54	737	778	1000	973	405
308					0	47	748	776	997	977	405
385					0	47	748	776	1000	965	405
383					0	47	741	779	1000	969	405
402					0	47	745	841	1000	968	405
402					0	809	737	887	1000	599	405
398					0	755	741	887	1001	599	405
398					0	777	737	887	988	599	337
398					0	809	734	885	988	599	337
398					0	835	734	900	999	903	337
398					35	793	734	900	1009	1026	337
450					58	773	734	900	1019	1028	337
200					64		734		1022	1028	
0											

196	0	0	0	0	5.1	209	636	784	944	941	591
11,420	0	0	0	0	311	12,420	39,130	46,660	58,030	57,860	35,140
						YEAR	MEAN		360		
						ACRE-FOOT 261,000					

ly discharge, in second-feet, of

NO. SIDE TWIN FALLS CANAL AT MILNER, IDAHO

for the year ending September 30, 19 35  
Plate No. 4

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	395	367	90	497	409	389	0	154	2240	2340	2490	1620
2	401	361	86	509	409	392	0	362	2260	2300	2510	1610
3	404	762	86	518	406	386	7	546	2330	2250	2460	1590
4	404	1010	86	528	404	389	24	607	2330	2260	2320	1580
5	406	1030	86	534	418	386	25	729	2340	2310	2030	1580
6	409	1050	86	512	436	392	25	954	2360	2270	1940	1500
7	404	1050	86	490	430	395	25	1100	2350	2290	1880	1500
8	406	419	86	487	424	383	22	1320	2380	2300	1810	1490
9	545	75	81	481	424	378	20	1640	2420	2360	1790	993
10	543	113	85	484	424	358	19	1680	2440	2400	1760	0
11	442	109	80	481	424	348	19	1780	2460	2440	1840	0
12	395	94	80	484	421	316	19	1840	2470	2410	1840	0
13	392	103	80	484	418	308	19	1840	2500	2460	1800	0
14	406	101	80	481	412	303	19	1840	2510	2480	1800	0
15	167	101	80	487	415	289	6	1840	2530	2520	1870	1030
16	0	106	77	487	412	415	0	1960	2550	2510	1840	1840
17	0	99	82	484	412	466	0	2080	2540	2560	1790	1840
18	0	91	83	487	412	442	0	2130	2590	2600	1780	1830
19	0	108	87	500	412	421	0	2220	2520	2540	1790	1790
20	0	643	88	490	415	386	0	2260	2510	2480	1760	1760
21	0	902	90	497	415	329	0	2200	2540	2510	1750	1740
22	0	837	85	506	415	75	0	2190	2470	2520	1740	1720
23	0	392	85	512	401	31	0	2200	2380	2520	1160	1700
24	0	139	85	503	398	37	67	2320	2370	2520	0	1650
25	0	88	87	475	398	42	154	2350	2410	2500	0	1090
26	0	83	547	472	389	44	154	2420	2400	2500	0	0
27	0	86	773	469	392	50	149	2470	2360	2500	0	0
28	0	96	677	460	386	51	147	2510	2360	2500	1170	0
29	0	103	540	445		10	149	2520	2310	2570	1710	0
30	180	101	506	427		0	151	2540	2340	2550	1650	0
31	369		481	409		0		2410	2550	1600		

MEAN	215	354	182	488	412	265	40.7	1,775	2,419	2,446	1,609	1,048
ACRE- FEET	13,230	21,060	11,170	29,910	22,870	16,290	2,420	109,100	143,900	150,400	98,940	62,390

YEAR or PERIOD MEAN 942  
ACRE-FOOT 681,700

Daily discharge, in second-feet, of

SOUTH SIDE TWIN FALLS CANAL at MILNER, IDAHO

for the year ending September 30, 1935

Plate No. 41

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1680	832	559	598	509	473	501	1440	2760	3040	3380	3420
2	1670	822	562	616	506	476	498	1330	2800	3040	3410	3420
3	1690	378	562	622	504	478	495	1570	2940	3020	3380	3390
4	1680	106	565	628	498	481	498	1740	2970	3020	3350	3340
5	1670	106	565	634	495	481	504	1870	2950	3070	3360	3300
6	1600	109	565	640	492	481	504	2210	2880	3060	3350	3320
7	1590	311	565	619	492	476	249	2630	2930	3120	3340	3290
8	1510	694	565	604	492	478	119	2640	3010	3100	3340	3270
9	1380	616	562	601	478	479	123	2510	3000	3160	3330	3200
10	1480	637	562	604	460	484	114	2470	2850	3210	3380	3140
11	1550	637	565	604	460	484	175	2560	2880	3300	3440	3000
12	1520	634	570	604	457	481	367	2800	3060	3280	3460	2930
13	1510	598	575	604	460	484	454	2980	3120	3240	3440	2910
14	1570	598	580	604	462	487	467	2970	3110	3260	3450	2890
15	1540	634	590	595	465	481	467	3020	3130	3280	3450	2890
16	1470	637	595	590	465	478	470	3020	3150	3360	3480	2840
17	1360	595	601	580	462	484	467	3000	3130	3420	3480	2790
18	1250	544	595	580	465	476	481	3020	3110	3400	3450	2650
19	1210	538	610	580	465	476	553	3080	3030	3400	3460	2570
20	1140	520	619	580	467	484	592	3070	3020	3400	3440	2460
21	1100	498	613	580	467	490	613	3060	3050	3400	3420	2330
22	1070	504	604	580	470	492	662	3070	3020	3400	3420	2290
23	1040	512	607	580	470	484	631	3040	2970	3390	3440	2190
24	1000	515	610	579	470	490	559	3070	3000	3390	3420	2070
25	903	515	604	579	470	501	625	3110	3060	3390	3420	1960
26	865	544	604	575	467	501	777	3150	3030	3420	3420	1940
27	848	568	604	574	470	501	1070	3190	2980	3430	3420	1800
28	838	571	601	574	470	498	1710	3250	2970	3410	3430	1540
29	828	565	604	574		504	1800	3210	2970	3460	3410	1440
30	828	562	619	565		501	1670	3110	3020	3420	3420	1440
31	832		592	523		501		2870		3420	3410	

MEAN	1,297	530	587	595	475	486	607	2,712	2,997	3,281	3,415	2,667
ACUM. FEET	79,780	31,640	36,090	36,440	26,400	29,880	36,130	166,700	178,500	201,700	209,900	158,700

MEAN 1,646  
ACUM. FEET 1,192,000

Daily discharge, in second-feet, of

**SNAKE RIVER at MILNER, IDAHO**

for the year ending September 30, 1936

Plate No. 17

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	283	5	248	370	356	204	101	10	8	7	9	204
2	278	5	301	378	310	208	73	15	8	7	11	204
3	280	6	296	384	401	208	20	16	7	7	12	203
4	278	6	315	392	384	210	6	12	7	7	11	206
5	283	7	356	401	372	208	7	10	7	8	11	206
6	283	7	345	404	367	210	8	11	8	7	11	268
7	280	7	336	392	328	210	9	12	8	7	11	331
8	260	7	356	384	312	206	9	12	8	8	11	331
9	198	7	350	381	312	210	9	11	7	8	11	320
10	189	7	353	381	301	210	9	9	7	8	10	301
11	165	6	356	381	301	210	10	10	8	8	9	304
12	87	6	361	381	273	210	10	10	8	8	9	307
13	85	38	358	375	208	210	10	10	8	8	9	307
14	85	224	364	372	202	210	14	10	8	8	11	310
15	90	246	372	378	204	198	34	9	52	9	10	315
16	92	251	370	372	204	57	23	9	195	9	8	304
17	84	251	356	370	204	4	11	9	191	9	53	304
18	84	251	364	372	204	4	12	9	155	11	200	301
19	85	251	372	381	204	4	12	10	150	12	206	301
20	87	251	372	367	204	4	9	11	135	10	206	273
21	87	251	378	384	204	4	7	10	90	10	206	251
22	87	251	378	390	204	4	7	9	97	10	206	251
23	87	246	384	395	204	91	7	8	70	9	210	251
24	87	246	381	398	204	140	7	8	8	9	206	251
25	87	246	378	401	204	140	7	8	7	10	202	256
26	89	239	378	395	206	138	7	8	7	10	206	251
27	85	239	378	395	206	140	6	7	7	9	208	251
28	85	237	378	392	206	140	6	8	7	9	208	251
29	85	235	372	392		140	7	8	7	10	206	251
30	34	239	370	387		133	8	8	7	10	206	263
31	6		364	390		99		9		10	204	

MEAN	141	142	356	385	260	141	15.5	9.87	43.0	8.77	99.9	271
ACRIS- FEET	8,680	8,470	21,900	23,670	14,460	8,680	922	607	2,559	540	6143	16,150

U. S. GOVERNMENT PRINTING OFFICE: 1936 O-7119

YEAR  
MEAN 156  
ACRIS-FEET 112,700

SHILOO LAKE near LAKE, IDAHO

For Base readings see page 30  
Plate No 45

Year	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
								20629	9909	3540
								20629	9271	3476
								20629	8601	3403
								20629	8015	3367
							14740	20629	7518	3294
								20629	7084	3222
								20629	6809	3140
								20629	6612	3077
								20579	6376	3004
								20429	6179	2932
								20329	5982	2896
							16627	20029	5785	2859
								19629	5627	2823
							16877	19279	5430	2787
								18928	5272	2750
								18528	5114	2714
								18028	4997	2678
								17578	4878	2642
							18370	17127	4760	2606
								16627	4720	2569
								16155	4564	2533
								15639	4484	2497
								15171	4366	2460
							12733	14702	4287	2424
								14233	4170	2382
								19620	13717	4090
								13108	3972	2207
								12498	3893	2134
							14044	11845	3815	2062
								20620	11229	3696
								10569	3620	2026

Year										
Area										
Feet										

YEAR OR PERIOD \_\_\_\_\_  
MEAN \_\_\_\_\_  
Acres-Feet \_\_\_\_\_

Daily discharge, in second-feet, of

HENRYS FORK near LAKE, IDAHO

for the year ending September 30, 1935

Plate No. 119

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	12											
2	10										349	43
3											341	39
4											314	38
5										39	256	37
6											232	34
7											151	54
8											111	44
9										67	112	37
10										101	109	30
11										101	109	27
12										186	109	23
13										211	103	25
14										209	101	25
15									2	209	86	23
16										222	86	22
17										260	75	21
18										256	65	23
19										259	55	23
20										260	43	23
21										261	72	23
22										261	63	23
23										260	57	23
24										261	56	23
25										261	59	31
26								2		261	57	31
27										314	57	48
28										330	55	47
29										326	52	29
30										332	52	26
31									20	330	44	13
										343	47	

MEAN									2.6	198	112	30.3
ACRE- FEET									155	12,200	6,890	1,800

YEAR OR PERIOD \_\_\_\_\_ MEAN \_\_\_\_\_  
ACRE-FEET \_\_\_\_\_

Daily discharge, in second-feet, of

HENRY'S FORK NEAR ISLAND PARK, IDAHO

for the year ending September 30, 19 20  
Plate No 45

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	332	312	304	310	310	276	268	570	814	491	655	403
2	329	311	304			266	271	588	788	491	660	400
3	327	310	336			266	272	515	777	491	660	400
4	325	316	310	310	330	266	274	515	772	487	637	400
5	323	323			310	266	275	588	762	483	592	396
6	322	329	310	310	310	267	276	646	767	480	571	393
7	322	326			310	269	280	725	767	491	506	396
8	322	322			310	270	283	872	772	506	480	396
9	322	322	310	308	310	272	287	963	772	499	476	393
10	319	322		307	310	273	282	1180	757	494	465	390
11	316	322	310	305	310	275	276	1340	747	537	459	390
12	313	322		304	310	276	287	1290	737	571	459	387
13	310	322		304	310	276	298	1080	722	571	454	381
14	314	319	310	304	310	276	304	963	699	571	447	374
15	318	316		304	310	276	310	777	655	588	440	374
16	322	313	310	307	310	276	335	777	614	623	440	374
17	322	310			306	276	322	783	592	614	430	374
18	322	314			302	276	322	798	571	614	430	374
19	322	318	310	298	276	335	798	554	610	426	374	
20	322	322			298	274	360	798	550	614	419	374
21	322	318	310	307	298	271	388	798	533	614	436	374
22	322	314	310	298	268	570	830	525	614	447	374	
23	322	309	310	298	266	515	873	521	610	444	387	
24	324	304	310	294	269	432	873	514	610	444	384	
25	326	306	310	290	273	417	862	498	601	436	378	
26	328	308	310	286	276	449	869	487	601	436	378	
27	329	310	310	283	272	515	862	483	632	430	387	
28	325	310	310	280	269	515	835	483	651	426	384	
29	320	310	310	310	268	515	793	487	646	423	381	
30	316	307	310	310	266	570	799	480	651	413	381	
31	314	310	310	310	266	830	651	403				

Mean	322	316	310	308	304	271	360	832	640	571	470	385
Total	19820	18780	19090	18920	16280	16680	21430	51150	38080	35120	29440	22910

YEAR OR PERIOD \_\_\_\_\_  
MEAN \_\_\_\_\_ 426  
ACCU-FEET \_\_\_\_\_ 300,500

discharge, in second-feet, of

HENRYS FORK at WARM RIVER, IDAHO

for the year ending September 30, 1905  
Plate No.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	672	662	612	635	618	645	662	1260	1240	794	1010	720
2	667	672	604	642	607	612	678	1260	1220	800	1020	720
3	667	701	596	650	596	618	689	1140	1180	794	1030	710
4	667	689	588	650	586	612	720	1120	1150	806	1020	690
5	656	684	582	650	650	607	712	1230	1140	806	990	701
6	656	667	575	653	645	596	689	1320	1130	800	944	689
7	662	672	562	656	650	596	670	1400	1130	794	912	689
8	678	672	540	659	650	607	701	1400	1130	812	837	701
9	667	672	555	662	628	565	701	1430	1130	812	831	701
10	662	667	571	655	628	645	678	1520	1130	812	818	701
11	656	656	586	648	628	640	672	1660	1100	812	800	695
12	650	656	602	640	628	618	684	1590	1100	843	794	684
13	656	650	602	634	620	607	701	1430	1090	893	794	684
14	689	650	602	628	612	612	718	1330	1070	893	782	678
15	667	650	602	623	623	650	741	1270	1020	905	776	678
16	678	650	602	617	591	612	782	1240	976	912	770	678
17	678	650	602	612	629	623	788	1260	938	970	770	684
18	667	689	602	623	667	620	788	1300	918	957	770	678
19	712	701	602	634	640	618	818	1290	886	957	764	684
20	689	678	616		640	628	912	1290	880	964	753	678
21	667	667	630		640	656	996	1300	849	990	753	684
22	672	656	645		640	667	1180	1310	843	983	776	678
23	678	667	642		628	667	1130	1370	831	976	770	689
24	695	656	639		596	656	996	1380	831	970	782	712
25	672	656	636	640	581	656	944	1350	818	970	764	695
26	672	645	634		581	650	983	1320	800	970	753	689
27	667	618	627		634	650	1100	1320	794	970	747	689
28	667	618	620		684	672	1130	1310	789	1000	735	718
29	662	612	612			667	1150	1230	794	1020	724	701
30	656	607	620	645		656	1320	1180	800	1020	710	689
31	656		628	632		672		1230				

Mean	670	660	604	640	626	653	648	1,324	990	904	820	694
Acres-Feet	41,180	39,250	37,160	39,370	34,780	38,890	50,480	81,400	58,920	55,600	50,440	41,270

YEAR on Person MEAN 736  
ACRE-FEET 568,700

Daily discharge, in second-feet, of

HENRY'S FORK near ASHTON, IDAHO

for the year ending September 30, 1935

Plate No. 47

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	778	874	1030	714	854	921	812	1690	1810	1070	1260	975
2	778	886	887	870	792	887	819	1650	2000	1050	1280	949
3	778	923	830	757	799	799	819	1450	1740	1050	1280	936
4	814	936	830	828	834	865	867	1460	1700	1050	1280	949
5	826	874	832	828	826	802	919	1650	1690	1040	1260	1090
6	838	910	797	864	879	823	875	1850	1620	1050	1160	1200
7	838	862	865	937	879	823	812	1920	1650	1070	1150	1230
8	826	862	839	878	879	846	889	1910	1630	1070	1010	1110
9	862	862	797	891	854	818	906	1960	1620	1070	949	1050
10	862	862	797	826	799	787	839	2160	1620	1070	949	1180
11	838	850	791	826	708	854	872	2450	1530	1050	1010	1200
12	838	862	730	882	753	874	863	2350	1600	1070	988	1200
13	862	862	759	741	783	834	780	2080	1550	1130	989	1190
14	862	862	980	799	862	842	988	1910	1500	1180	1010	1130
15	886	862	920	831	799	850	1000	1890	1430	1180	988	1120
16	862	850	899	938	862	930	1070	1830	1350	1180	988	1070
17	874	862	867	726	776	858	1080	1890	1250	1230	988	1030
18	874	898	834	574	844	862	1070	1960	1250	1280	1010	1040
19	923	923	825	879	795	873	1070	1980	1220	1350	1000	1030
20	936	898	842	494	867	792	1200	1920	1190	1350	988	988
21	886	886	876	560	879	854	1450	1940	1200	1350	975	975
22	874	886	845	843	823	871	1580	1980	1160	1310	1000	988
23	886	874	817	934	879	884	1580	2040	1120	1320	1010	1000
24	886	862	757	979	654	831	1340	2140	1130	1250	1080	988
25	949	874	845	934	788	831	1230	2020	1090	1230	1000	949
26	874	898	845	884	574	827	1290	1910	1070	1220	1000	936
27	874	886	828	851	966	812	1480	1960	1070	1200	1000	936
28	874	874	912	854	887	785	1530	1960	1050	1250	1000	949
29	874	838	862	871		887	1510	1790	1040	1250	988	962
30	874	874	784	838		831	1810	1650	1040	1260	975	962
31	862		706	823		827		1780		1260	962	

MEAN	860	878	840	821	818	848	1,112	1,907	1,597	1,177	1,049	1,064
ACUM. FEET	52,800	52,230	51,840	50,500	45,430	51,950	66,150	117,300	83,150	72,580	64,510	62,110

YEAR MEAN 1,064  
ACUM. FEET 770,210

Daily discharge, in second-feet, of

HENRYS FORK at ST. ANTHONY, IDAHO

for the year ending September 30, 19 35

Plate No 48

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	729	675					934	1600	2490	729	711	1080
2	729	702					981	1520	3580	622	675	1070
3	693	711					952	1310	3200	684	657	1040
4	720	702					1030	1290	2740	829	666	1040
5	747	630					1060	1570	2670	783	657	1040
6	738	522					1060	2010	2560	720	590	1040
7	720	598					934	2130	2510	657	622	1070
8	711	598					1020	2230	2470	639	630	1000
9	729	639					1030	2320	2560	622	896	962
10	702	657					990	2650	2560	666	914	1100
11	648	648					981	2980	2380	657	972	1100
12	630	693					972	2950	2360	606	952	1080
13	684	666					838	2490	2470	648	858	1020
14	711	648					1030	2050	2430	684	858	1000
15	738	675					1030	1940	2170	693	838	1010
16	738	639					1110	1920	1840	675	972	1010
17	711	648					1030	2110	1550	756	1080	1030
18	684	765					886	2290	1310	829	1040	1000
19	666	905					867	2470	1170	783	952	914
20	720	886					972	2380	1150	801	943	896
21	684	838					1260	2580	1170	848	914	886
22	657	820					1420	2740	1100	792	943	905
23	657	810					1420	2930	1100	810	952	934
24	648	765					1130	3170	1100	829	990	1000
25	702	675					972	3150	962	783	924	943
26	684	684					990	2950	810	756	876	914
27	666	756					1220	2830	711	729	952	990
28	657	829					1330	2790	792	711	1000	990
29	622	829					1310	2320	783	711	1060	981
30	614	829					1620	2130	792	720	1060	972
31	614							2400		720	1070	

MEAN	889	718					1,079	2,329	1,850	726	878	1,001
ACRE- FEET	42,350	42,730					84,220	143,200	110,100	44,610	54,000	59,540

YEAR OR PERIOD \_\_\_\_\_ MEAN \_\_\_\_\_  
ACRE-FOOT \_\_\_\_\_

HENRYS FORK near REKLURG, IDAHO

Plate No. 49

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	690	371	846			1140	1130	940	2250	770	359	1020
2	615	347	1020			1140	1130	880	2620	765	351	1080
3	585	331	1050				1130	841	3620	745	343	1080
4	544	323	1070				1150	670	3420	715	335	1060
5	544	287	1100				1200	740	3070	715	327	1050
6	544	258	1130			1090	1260	1010	2780	690	335	1020
7	526	247					1180	1430	2670	635	327	1040
8	480	240					1130	1570	2550	595	319	1020
9	480	240					1110	1540	2550	557	331	1020
10	490	303				1040	1020	1590	2750	530	472	924
11	458	347				1040	929	1860	2750	503	675	952
12	444	375	1130			1100	902	2080	2620	494	755	1040
13	454	400				1110	841	2060	2650	480	765	1030
14	480	383				1170	780	1680	3030	476	690	954
15	508	400				1260	970	1400	3150	462	665	907
16	530	404				1280	1080	1270	2860	458	655	896
17	526	422				1280	1070	1370	2500	454	775	858
18	494	454				1200	819	1580	2890	440	841	918
19	480	544	1140			1190	685	1770	1510	444	824	946
20	498	620	1110			1160	610	1960	1280	431	792	874
21	521	570	1110			1130	670	2020	1270	431	841	814
22	490	557	1200			1200	958	2300	1250	472	858	786
23	480	562	1160			1220	1120	2570	1200	467	880	770
24	570	557	1020			1230	1010	2890	1240	485	902	786
25	566	503	912			1220	715	3160	1220	472	918	824
26	548	480	912			1220	552	3260	1050	444	808	830
27	530	539	958			1170	566	3060	907	431	824	755
28	512	625	934			1150	715	2940	824	413	880	770
29	498	755	1020			1100	740	2740	770	391	940	824
30	476	770	1000			1140	760	2260	755	375	976	841
31	436		1000			1130		2050		371	982	852

516	440	1,073	Est. 1,100	Est. 1,100	1,150	931	1,555	2,133	520	669	918
21,730	26,210	65,950	67,640	61,090	70,710	55,400	114,000	127,000	31,960	41,150	54,610

YEAR 1,032  
ACRE-Feet 747,500

FALL RIVER near SQUIRREL, IDAHO

For the year ending September 30, 1935

Plate No. 50

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
340	318	358	350	319	340	840	2200	890	606
329	346	358	350	318	329	870	2940	850	456
329	352	350	350	364	329	738	2060	850	456
329	376								
319	329	350	350	329	376	850	1920	792	449
307	329								
319	340	350	350	296	352	990	1920	747	449
376	340								
340	340	350	350	329	329	1260	2170	693	442
324	329								
318	329	340	340	329	329	1240	2110	702	442
318	319								
312	312	340	340	285	340	1620	2490	630	574
318	307								
329	307	350	350	296	428	1220	2850	729	559
340	307								
318	307	350	350	352	486	1140	2280	693	550
329	376								
388	364	364	364	364	307	285	352	526	1750
340	364								
340	364	364	364	318	329	340	598	1590	1620
340	352								
340	340	350	350	340	340	666	1590	1650	550
340	329								
352	307	350	350	352	340	684	1670	1620	534
414	318								
376	329	350	350	352	340	702	1920	1680	518
364	352								
329	352	350	350	340	738	1970	1710	630	558
318	364								
307	364	350	350	325	296	340	598	2030	1610
307	364								
		350	350	325	275	340	598	2230	1260
		350	350	325	352	340	598	2030	1180
		350	350	325	352	340	756	2110	1090
		350	350	325	340	756	1810	1090	598
		350	350	325	340	793	1810	1180	598
		350	350	325	340	870	1750	1060	598
		350	350	325	340	1950	606	502	463

336	336	350	332	322	329	518	1544	1956	674	529	454
20,640	20,920	21,490	20,420	17,900	20,220	50,840	94,920	116,400	41,460	32,540	28,800

Year 1935  
 Total 643  
 468,600

Daily discharge, in second-feet, of **FALL RIVER near CHESTER, IDAHO**

for the year ending September 30, 1935

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	157											
2	154							840	1730	450	98	482
3	148							840	2560	366	80	470
4	154							780	2210	355	73	476
5	151							832	1860	360	68	470
6	142							1030	1790	303	66	350
7	123							1270	1790	228	43	245
8	140							1290	1830	196	35	258
9	140							1430	1950	176	125	258
10	126							1440	2110	172	489	344
11	140							1610	2110	268	500	399
12	134							1620	2090	263	500	404
13	132							1570	2040	249	506	350
14	160							1290	2170	228	308	288
15	151							1150	2130	236	283	288
16	138							1070	1850	219	273	303
17	157							1220	1550	203	464	360
18	111							1370	1270	293	506	420
19	86							1460	996	308	482	360
20	147							1560	894	219	398	278
21	137							1520	912	224	276	273
22	140							1740	921	140	366	273
23	151							1830	903	66	360	278
24	160							1940	900	92	382	293
25	150							2090	880	110	382	355
26	219							2140	600	101	253	308
27	188							2070	500	96	283	334
28	166							1960	482	92	360	426
29	147							1850	558	94	404	420
30	142							1560	579	85	482	415
31	140							1520	565	82	470	415
								1670		84	470	

-- No records during non-irrigation season --

Mean	149											
Total	8,190							1,470	1,424	205	320	355
								90,370	84,750	12,630	19,700	21,010

YEAR OR PERIOD      MEAN ACRE-FEET

TETON RIVER near TETONIA, IDAHO

Plate No. 35

Year	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
								414		350
								397		354
								392		342
								386		329
								380		324
								354		319
								344		314
								339		314
								334		314
								334		310
								324		305
								320		301
								408		334
								407		324
								405		314
								403		310
								403		319
								402		364
								397		392
								397		380
								425		370
								448		364
								425		375
								425		414
								414		392
								397		380
								392		364
								370		354
								354		349
								354		344
								399		344

							(15-31)		(1-24)
							401	359	298
							15,110	22,040	14,210

Year or Period: 51,560

TETON RIVER near ST. ANTHONY, IDAHO

for the year ending Sept. 30, 19-35

Plate No. 53

	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
1	328	344	328	313	248	302	354	612	1240	1010	675	504
2	347	333	327	295		291	342	598	1480	990	666	513
3	344	336	280			298	346	580	1510	972	648	504
4	336	336	310			302	378	549	1200	952	639	504
5	332	340	210	295	270	298	402	540	1300	933	630	504
6	332	351				291	394	603	1470	927	598	513
7	336	367				291	390	711	1580	909	580	500
8	344	340		295		298	394	666	1680	897	572	513
9	351	328		295	302	291	468	644	1810	867	558	554
10	344	321		284	287	273	486	698	1840	837	549	490
11	344	321		295	298	310	504	765	1880	825	540	482
12	347	313		287	340	306	572	776	1930	798	522	482
13	344	317			298	310	745	760	2180	792	518	554
14	347	321	310		313	340	1130	702	2410	776	504	554
15	347	313			295	423	1270	666	2220	770	495	544
16	371	313			302	427	1070	706	1860	765	482	518
17	406	313			325	386	820	849	1540	755	482	438
18	371	325			317	382	706	1020	1300	730	513	426
19	371	336			302	363	648	1060	1220	702	558	454
20	390	336			295	359	634	1100	1290	702	562	426
21	382	332			298	355	670	1280	1330	720	554	418
22	371	328	310	270	298	351	750	1460	1330	745	544	418
23	378	327	298		306	340	760	1620	1360	720	549	422
24	390	321	306		306	340	670	1840	1390	706	585	450
25	394	313	291		313	344	603	1880	1190	695	567	477
26	419	313			306	351	562	1730	1070	675	549	442
27	386	310			328	336	544	1720	1040	662	531	422
28	374	313	291		317	332	558	1600	1060	657	518	414
29	371	306				347	540	1340	1100	648	513	410
30	374	313				344	562	1220	1100	644	504	410
31	371		291			355		1220		652	500	

Nov.	305	326	305	280	296	333	609	1,020	1,500	788	555	476
Year	22,300	19,390	18,770	17,190	16,430	20,600	36,240	62,710	89,280	48,470	34,130	28,280

YEAR 1935  
 MEAN 571  
 ACHS-FEET 413,690

Daily discharge, in second-feet, of

PORTNEUF RIVER at POCA TELLO, IDAHO

for the year ending September 30, 1935  
Plate No.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		76	177	159	186	225	322	322	197	43	30	5
2		80	173	173	188	237	300	311	186	49	27	4
3		81	184	206	188	260	280	260	180	44	27	41
4	84	82	186	240	188	280	290	231	159	42	28	43
5		85	184	235	189	270	311	216	140	40	32	43
6		84	173	197	195	246	322	216	119	37	32	43
7		79	171	204	214	237	322	220	98	38	31	47
8	77	77	152	206	260	239	311	222	82	41	28	48
9	73	80	154	197	290	233		223	77	40	31	53
10	75	75	168	197	280	223		227	90	36	26	57
11	72	74	175	197	227	223		239	80	35	27	56
12	70	74	173	199	216	225		222		32	31	55
13	72	74	170	191	216	227		216	70	34	28	52
14	73	74	197	184	216	260		208		37	30	55
15	74	74	206	189	206	322	375	197	59	37	32	52
16	74	73	216	191	199	384		193	69	36	37	49
17	78	73	218	193	193	395		204	67	36	40	50
18	81	77	201	191	195	332		240	65	40	42	43
19		89	195		199	300		235	63	43	47	55
20		100	204		206	290		231	59	50	47	57
21	82	94	227		223	280		218	55	54	45	61
22		88	244		240	280				54	42	58
23		90	248		270	270	438	210		53	43	61
24	84	94	227		260	270	438	212		52	48	69
25	82	93	216	180	223	260	406	212		52	49	70
26	79	97	208		212	280	364	197	47	52	49	70
27	77	118	202		218	342	311	184		49	49	67
28	76	135	201		218	322	300	180		48	53	67
29	76	162	201				311	193		41	39	68
30	76	164	201				300	199	39	37	54	63
31	75		188				280	204	41	32	54	62
								201		31	52	

MEAN	78.8	90.5	195	190	218	278	349	221	82.1	41.7	58.1	54.9
ACRE- FEET	4,840	5,390	11,980	11,680	12,180	17,100	20,790	13,570	4,820	2,560	2,340	3,280

U. S. GOVERNMENT PRINTING OFFICE: 1934 O-7149

YEAR  
or  
Month  
MEAN  
ACRE-FOOT  
153  
110,530