STATE OF IDAHO

DEPARTMENT OF RECLAMATION

~~STATE PARKS COMMISSION~~

BOISE

PAUL H. BERG
DEPUTY COMMISSIONER

January 10, 1939

HON. C. A. BOTTOLFSEN
Governor of Idaho
Boise, Idaho

Dear Sir:

Herewith I transmit to you the annual report of Lynn Crandall, watermaster and special deputy Commissioner of Reclamation for water district No. 36 for the year 1938, summarizing his operations in the distribution and handling of water in this district in cooperation with the Snake River water users, the United States Geological Survey and this department.

Water district No. 36 includes practically all the irrigated lands in the Snake River Valley above the Milner Dam, including the two Twin Falls Projects and the Minidoka-Gooding Project, aggregating over a million acres of land.

As shown in Mr. Crandall's letter of transmittal to this department, the water supplies for 1938 were adequate to meet requirements throughout this district and the carry-over of storage water in Jackson Lake and the American Falls reservoir at the end of the present season aggregate over one million acre feet. The actual water content of the snow coverage in the Upper Snake River drainage area is above normal for the season and with this holdover in Jackson Lake and American Falls reservoir, even though the winter precipitation would remain below normal, there is assurance of a sufficient water supply for the coming irrigation season.

As in previous years, Mr. Crandall has handled this work economically and efficiently and thus holds the liberal cooperation of the water users, the Committee of Nine and this department, making the operation of this district outstanding for conservation and economy in the use of water.

Respectfully submitted,

James Stafford

JAMES STAFFORD,
Commissioner of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

LYNN CRANDALL, WATERMASTER

IDAHO FALLS, IDAHO

WATER DISTRICT NO. 36

~~C. A. BOTTOLFSEN, GOVERNOR~~
~~R. W. FARIS, COMMISSIONER~~

January 10, 1939

C. A. Bottolfsen, Governor
James Spofford, Commissioner

Mr. James Spofford
Commissioner of Reclamation
Boise, Idaho.

Dear Sir:

I am transmitting herewith the annual report for 1938 covering water distribution in Water District No. 36, Snake River, Idaho.

This work, as in past years, has been carried on in cooperation with the State of Idaho and the U. S. Geological Survey as a combined water distribution and stream gaging program.

Water supplies in 1938 were above normal and were adequate to meet requirements throughout the district, in fact holdovers at American Falls and Jackson Lake at the end of the season aggregated over one million acre-feet.

The cooperation and interest of your office as expressed by your predecessor, Mr. R. W. Faris, and that of the Committee of Nine and the water users has been greatly appreciated. Thanks are also due to the various members of the operating organization for their faithful work and especially to W. V. Iorns and Effie C. Jones for their assistance in the preparation of this report.

Very truly yours,

LYNN CRANDALL

Watermaster.

WATER DISTRIBUTION AND HYDROMETRIC WORK

WATER DISTRICT NO. 36

1938

By Lynn Crandall

Watermaster

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INTRODUCTION

The annual watermaster election of District 36 was held at Idaho Falls on March 7, 1938 at which time Lynn Crandall was elected as watermaster for the ensuing year and the following were elected as members of the advisory committee of nine:

Frank A. Miller, Chairman; E. H. Neal Vice-Chairman; W. O. Cotton, John E. Kelley, Eph Ricks, Hyrum Severson, N. V. Sharp, R. E. Shepherd, Dana Templin and John Lee, Secretary.

The meeting unanimously adopted the report of the Resolutions Committee which provided that stored water transmission losses be charged during 1938 as follows: 2½% Moran to Heise, 4.4% Heise to Lorenzo, 0.5% Lorenzo to Woodville, 6% Woodville to Blackfoot, 4% Henrys Lake to Island Park, 2% Island Park to Warm River, 0.5% Warm River to Ashton.

By order of R. W. Faris, Commissioner of Reclamation, State of Idaho, Lynn Crandall was also appointed on March 15, 1938 as watermaster in District 36C (Teton Basin) due to the failure of the water users in that district to elect a watermaster and on June 3rd, 1938 District 36C was abolished by order of the said Commissioner of Reclamation and the territory theretofore included in District 36C was annexed to District 36. On July 19, 1938 the Commissioner of Reclamation appointed the watermaster of District 36 as Special Deputy to supervise the distribution of stored water in the District.

The water supply during 1938 was adequate for irrigation needs and no crop losses due to water shortage were experienced in the District, although a few canals on Henrys Fork and tributaries would have drawn more water late in the summer if it had been available under their rights. Their needs however, were not great enough to induce them to rent additional storage of which ample supplies were available for rent at 12¢ per acre-foot.

American Falls Reservoir filled on March 30, 1938 and subsequently 1,310,000 acre-feet of surplus waters spilled to waste past Milner. The reservoir remained at or above its rated capacity of 1,700,000 acre-feet until July 12th. Jackson Lake filled to capacity on June 14th and remained full for a month before storage draft began.

Natural flow regulation began on July 11 (upper valley date) when rights of later priority than 1916 were cut off. On July 13 the so-called upper valley flood-water rights of 1916 priority were cut off. Cuts followed the dropping river stage until by Aug. 23, 1938 all 1891 rights were off. Subsequent rains and reduced demand permitted restoration of the 1891 rights which continued in effect until mid-September. A heavy demand for water in the upper valley late in September resulted in the Oct. 16, 1890 rights being cut on September 23, 1938 and remaining off until the end of the season.

Mild dry weather early in October was the cause for continued demand for water and it was necessary to continue release of natural flow from Jackson Lake and river regulation above Blackfoot until October 8, 1938 when rains occurred and the Jackson Lake gates were closed and regulation discontinued.

Stored water was offered for rental in mid-summer at 50 cents per acre-foot, the same price that has prevailed for several years past, but toward the end of the season it became apparent that many companies would have substantial storage holdovers, and more storage was then offered for rent at 12¢ per acre-ft., the price of American Falls lease water, than was required to fill the demand. One sale of 5,000 acre-ft. was made in September at 9 cents per acre-ft.

Weather conditions were favorable during the season and yields of most crops were good insofar as affected by water supply and weather conditions. Due to absence of the usual early fall frosts and to rains in October and early November, followed by severe freezing weather, a substantial acreage of potatoes froze in the ground.

Storage draft from Jackson Lake ceased on September 30, 1938 with 398,710 acre-ft. holdover and from American Falls Reservoir on October 7, 1938 with 672,350 acre-ft. holdover. The holdover in each of these reservoirs at the close of the 1938 season was greater than that at the end of any season since 1929.

Henrys Lake reached a maximum storage content in 1938 of 42,678 acre-feet, greatest since 1929, and ended the season with 25,200 acre-ft. holdover, the largest holdover since the fall of 1928.

Island Park Reservoir was completed and the gates were closed and storage began on November 15, 1938. Grassy Lake Dam was not sufficiently completed to permit the beginning of storage in 1938.

The Bureau of Reclamation continued its investigations of reservoir sites on the South Fork of Snake River, drilling dam sites at

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The U. S. Congress passed an enabling act during the year authorizing the states of Wyoming and Idaho to negotiate a water compact covering use of water on Snake River and its tributaries. The Secretary of the Interior appointed Mr. N. C. Grover, Chief Hydraulic Engineer, U. S. Geological Survey, as Federal representative on the Compact Committee and representatives for Wyoming and Idaho were appointed by the Governors of those two states. At the time of writing this report no agreement had been reached by the Compact Committee.

PERSONNEL

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

Lynn Crandall,	Watermaster & Deputy Commissioner of Reclamation.
W. V. Iorns,	Assistant Engineer.
Melvin Luke,	Deputy Watermaster on Henrys Fork.
L. K. Homer,	Hydrographer during irrigation season.
F. W. Tolles,	Hydrographer during irrigation season.
Effie C. Jones,	Clerk.
Merrell C. Henry,	Deputy Watermaster, Teton Basin.
Orlando Jensen,	Deputy Watermaster, Teton River.
Walter C. Lenz,	Deputy Watermaster, Upper Fall River.
D. W. Archibald,	Deputy Watermaster, Henrys Fork & Teton River.
D. R. Crystal,	Deputy Watermaster, Heise Division
H. M. Bramwell,	Deputy Watermaster, Rigby Division.
A. C. Kelley,	Deputy Watermaster, Idaho Falls Division.
Eugene Liljenquist,	Deputy Watermaster, Blackfoot Division.
Dana Templin,	Deputy Watermaster, Minidoka Dam
G. S. Gilham,	Deputy Watermaster, Milner Dam
F. S. Thomas,	Deputy Watermaster, Swan Valley Dist.
A. W. Heath,	Supt. American Falls Dam.
B. B. Hill,	Supt. Jackson Lake Dam.

Mrs. Levi Stone, C. C. Davidson, D. O. Rawson, Mrs. Irvin Siepert, J. F. Johnson, D. R. Anthony, Mrs. Annie Fugal, J. A. Clough, T. E. Culley, A. J. Ayers, Fred H. Sweath, Mrs. Jos. E. Gillis, S. P. Sorenson and B. Ball, gage readers.

SNOW SURVEYS

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

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

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

Year	January		February		March		April	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water
1919	36	8.1	45	12.0	52	16.8	49	18.4
1920	40	9.6	54	13.8	74	21.5	70	23.0
1921			63	17.9	65	20.6	56	21.3
1922	54	14.2	72	18.2	73	22.0	64	23.4
1923	43	11.3	51	15.6	64	20.7	54	23.0
1924	44	10.8	47	13.5	51	15.8	48	17.7
1925	50	12.8	66	24.0	75	25.9	50	21.9
1926	32	9.0	52	14.0	49	16.6	40	15.6
1927	66	18.5	75	27.0	82	33.0	85	36.0
1928	58	18.0	59	20.4	69	23.8	80	31.5
1929	37	8.8	60	16.5	61	20.2	62	22.0
1930	36	8.3	49	13.5	53	16.8	27	11.7
1931	25	5.2	30	6.2	35	8.4	27	8.9
1932	47	12.1	64	20.0	69	24.0	61	25.0
1933	46	10.8	67	18.8	67	21.6	62	24.0
1934	36	8.5	35	12.9	40	15.3	33	15.7
1935	51	12.2	46	14.3	52	17.9	60	23.8
1936	61	13.8	77	23.1	82	29.9	75	32.0
1937	39	8.4	60	16.2	60	19.7	61	24.3
1938	42	11.3	61	18.9	65	22.5	67	27.7
Average, inches	44	11.1	57	16.8	62	20.6	57	22.3

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

The Jackson Lake snow surveys are made available by the U. S. Bureau of Reclamation, B. B. Hill, Reservoir Supt. at Jackson Lake. The same organization has made the following snow surveys on the Buffalo River watershed:

Year	Depth in inches			
	Feb. 1 - 6		Mar. 23 - 29	
	Snow	Water	Snow	Water
1924	40	11.5		
1925	53	15.7		
1926	46	13.2		
1927	47	13.7		
1928	47	13.9		
1929	42	11.0		
1930	44	11.3		
1931	19	4.5		
1932	38	9.9		
1933	38	11.0		
1934	30	8.6		
1935	44	12.0		
1936	49	12.8	67	23.0
1937	35	9.1	49	15.3
1938	53	14.2	67	21.3
Average inches	42	11.5	61	19.9

The foregoing figures are the average of results obtained at Turpin Meadows, Four-Mile Meadows, Black Rock, Togwotee Pass and Brooks Lake.

The following measurements are by the Bureau of Irrigation Investigations of the U. S. Dept. of Agriculture in cooperation with the Forest Service and Bureau of Reclamation.

Depth in Inches

Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.		Last of Apr.	
	Snow	Water	Snow	Water	Snow	Water	Snow	Water	Snow	Water
Island Park										
1936 Season	21	4.2	41	11.0	54	15.6	50	16.0		
1937 Season	25	3.0	44	9.0	51	14.6	48	14.5	33	12.0
1938 Season	26	5.9	37	8.2	48	11.9	64	19.5	18	7.6
Big Springs										
1936 Season	24	5.5	54	15.6	65	21.8	70	23.3		
1937 Season	26	3.4	52	10.5	63	17.6	59	20.2	41	17.3
1938 Season	28	6.4	40	9.6	53	14.7	72	23.3	32	12.0
Valley View Ranch										
1936 Season	22	5.0	-	-	-	-	58	19.8		
1937 Season	23	3.1	-	-	-	-	47	13.8	31	12.2
1938 Season							62	20.0	30	12.5
Bechler Ranger Sta.										
1936 Season	40	9.6	71	20.6	87	29.1	87	31.0		
1937 Season	26	4.5	59	13.1	72	22.3	68	24.8		
1938 Season	32	8.2	52	14.0	59	18.9	91	29.4		
Teton Pass										
Trail Creek										
1936 Season	28	7.4	74	19.6	100	32.0	116	37.0		
1937 Season	-	-	41	11.4	62	20.0	72	24.2		
1938 Season	33	9.0	-	-	69	25.4	97	34.6		
State Line										
Trail Creek										
1936 Season	21	4.0	49	11.4	66	21.0	75	28.0		
1937 Season	-	-	32	8.1	45	12.6	42	15.0		
1938 Season	15	2.0	-	-	41	12.9	56	20.1		
Camp Creek										
Mud Lake drainage										
1936 Season	16	2.4	26	4.9	35	8.8	27	6.0		
1937 Season	32	3.6	34	6.3	31	8.5	39	10.8		
1938 Season	12	3.2	20	4.8	41	11.9	52	16.7		
East Rim										
Hoback										
1936 Season	10	1.7	-	-	-	-	62	22.6		
1937 Season	17	2.8	-	-	-	-	38	12.2	35	12.9
1938 Season	19	4.0	-	-	-	-	45	13.2	20	6.6
Bryan Flat										
Hoback										
1936 Season	11	1.7	32	7.1	-	-	50	19.5		
1937 Season	14	2.3	19	4.9	33	8.1	30	10.2	14	5.6
1938 Season	13	2.8	21	5.5	26	6.7	39	11.4	0	0

Station	Last of Dec.		Last of Jan.		Last of Feb.		Last of Mar.		Last of Apr.	
	Depth in Inches									
	Snow	Water	Snow	Water	Snow	Water	Snow	Water	Snow	Water
Greys Boundary										
Greys River										
1936 Season	-	-	38	9.3	46	15.0	50	18.9		
1937 Season	-	-	25	3.0	40	10.3	31	11.6		
1938 Season	16	3.9	29	6.9	29	8.6	32	12.4		
Deadman Ranch										
Greys River										
1936 Season			36	9.6	58	19.1	77	24.8		
1937 Season	15	2.5	24	5.1	37	9.3	32	9.4		
1938 Season	13	2.5	24	4.9	26	7.6	35	10.5		
Yellowjacket Flat										
Gros Ventre										
1936 Season	8	1.0	20	2.9	-	-	38	11.3		
1937 Season	9	1.2	13	2.3	22	4.3	20	6.4	10	2.9
1938 Season	12	2.8	16	3.2	21	4.2	31	7.4	0	0
Grover Park Divide										
Salt River										
1936 Season			46	12.6	46	15.8	69	19.6		
1937 Season	23	4.1	24	4.5	36	10.8	36	11.4		
1938 Season	16	4.2	25	5.6	25	7.9	42	12.4		
CCC Camp FF12										
Salt River										
1936 Season			35	10.7	53	17.1	65	22.7		
1937 Season	17	3.5	22	4.4	36	9.2	35	12.3		
1938 Season	18	4.4	30	6.7	32	8.4	43	13.2		
Afton Ranger Sta.										
Salt River										
1936 Season			28	8.0	26	10.2	10	9.8		
1937 Season	11	2.4	13	2.4	19	4.5	7	2.9		
1938 Season	7	1.3	11	2.3	10	2.9	0	0		
Cottonwood Lake										
Salt River										
1936 Season	-	-	-	-	-	-	79	28.5		
1937 Season	-	-	-	-	-	-	43	15.0		
1938 Season	-	-	48	11.2	43	14.0	59	18.9		
Slug Cr. Divide										
Blackfoot River										
1936 Season	-	-	-	-	-	-	77	28.0		
1937 Season	-	-	-	-	-	-	49	16.4		
1938 Season	-	-	-	-	-	-	53	16.7		

The April, 1938 snow survey on the Jackson Lake watershed showed a water content 24% above the average for years of record. It was 14% greater than in April 1937 but 14% less than in April, 1936.

On the watershed between Moran and Heise the water content at the end of March 1938 was about 15% greater than a year previous but 35% less than at the end of March 1936.

The run-off at Heise, corrected for storage holdovers at Jackson Lake, during the year ending September 30, 1938 was 5,161,000 acre-feet or 96% of the 5,352,000 acre-feet run-off in 1936. The fact that the 1938 run-off at Heise was almost as great as in 1936 although the snow cover in 1938 was much less than in 1936, is partly accounted for by the fact that precipitation during the snow melting month of May was generally above normal in 1938 while it was markedly deficient in May 1936. Rains during December 1937 also contributed to the 1938 water supply although not reflected in the 1938 snow cover.

REGULATION SCHEDULE

The following schedule applies to the entire river from Heise to Milner during periods when rights of later than Oct. 11, 1900 priority are in effect. After the Oct. 11, 1900 rights were cut it applies only to the section above American Falls Reservoir as no natural flow is carried past Blackfoot after such date each year. For a short period prior to July 21st the available water supply in the Henrys Fork area was insufficient to fill rights to as late a priority as were being filled on Snake River but thereafter Henrys Fork and Fall River were operated on the same schedule as Snake River. The regulation schedule on Teton River is shown in the chapter on Henrys Fork and tributaries.

Natural flow deliveries to lower valley canals during the regulation period are shown on plates 12-13, incl.

1938 Regulation Schedule

July	11	Cut off rights later than 1916 priority.
"	13	Cut off rights later than Dec. 22, 1915.
"	14	Cut off rights later than June 7, 1905.
"	15	Cut off rights later than March 22, 1903.
"	19	Cut off rights later than Oct. 11, 1900.
"	20	Cut off all 1900 rights.
"	21	Cut off rights later than Feb. 6, 1895
"	22	Filled 70% of Feb. 6, 1895 right.
"	23	Cut off all 1895 rights.
"	24	Filled 50% Aug. 18, 1894 right.
"	26	Filled 30% Feb. 6, 1895 right.
"	28	Cut off 1895 rights.
"	31	Filled 25% Aug. 18, 1894 right.
Aug.	4	Cut off all 1894 rights.
"	5	Filled 50% June 1, 1892 rights.
"	6	Cut off all 1892 rights.
"	7	Filled 75% Dec. 14, 1891 right.
"	8	Filled 50% Dec. 14, 1891 right.
"	9	Filled 25% Dec. 14, 1891 right.
"	10	Filled 50% Dec. 14, 1891 right.
"	12	Cut off Dec. 14, 1891 right.
"	14	Filled 25% Dec. 14, 1891 right.
"	15	Filled 50% Dec. 14, 1891 right.
"	18	Filled 25% Dec. 14, 1891 right.
"	20	Cut off Dec. 14, 1891 right.
"	21	Cut off June 1, 1891 rights.
"	22	Filled 50% Jan. 24, 1891 right.
"	23	Cut off all 1891 rights.
"	26	Filled 30% Jan. 24, 1891 right.
"	27	Filled 80% Jan. 24, 1891 right.
"	30	Filled 1/3 Dec. 14, 1891 right.
"	31	Filled 2/3 Dec. 14, 1891 right.
Sept.	4	Filled all 1891 rights.
"	5	Filled 50% June 1, 1892 rights.
"	8	Cut off June 1, 1891 rights.
"	13	Filled 1/3 Dec. 14, 1891 right.
"	16	Cut off Dec. 14, 1891 rights.
"	17	Cut off June 1, 1891 rights.
"	20	Cut off rights later than Oct. 16, 1890.
"	23	Cut off Oct. 16, 1890 rights.

After the end of September some of the canals with early priorities reduced their diversions enough so that stock water was available for the other canals whose rights were cut. Surplus water began to spill past Blackfoot on Oct. 7 and the work of the river riders was terminated on Oct. 8. Due to general rains upper valley diversions were reduced to stock-water needs after about Oct. 10.

WATER SUPPLY

Stream flow plus storage supplies were generally adequate for irrigation needs. Precipitation during the growing season was about or above normal on an average, except during September when the precipitation was noticeably deficient. On this account and because of lack of the usual frosts a heavy demand occurred for water late in September, particularly in the upper valley.

Following is the annual run-off during the year ending Sept. 30, 1938 at several typical stations.

Run-off in Acre-feet

Station	1938 Run-off	Average Run-off	Years of Record	1938 Percent of average.
Snake River at Moran	1,146,000	1,047,000	35	109
Snake River nr. Heise	5,161,000	5,120,000	35	101
Snake River at Neeley	5,092,000	5,860,000	42	87
Henrys Fork at Warm River	710,000	724,000	24	98
Henrys Fork nr. Rexburg	1,387,000	1,410,000	30	98
Fall River nr. Squirrel	608,000	539,000	25	113
Teton River nr. St. Anthony	628,000	526,000	11	119

Run-off at Moran and Heise has been corrected for Jackson Lake holdovers, at Neeley for American Falls holdovers and at Warm River and Rexburg for Henrys Lake holdovers.

The run-off at Neeley since 1926 has been reduced in comparison to previous years by indreased use of storage water in the upper valley made available by exchange of American Falls for Jackson Lake storage, and by evaporation losses on American Falls Reservoir.

The run-off on Henrys Fork is affected by ground-water storage in the porous lavas on the upper drainage area above Warm River. In wet years a considerable portion of the precipitations in that section goes into ground-water storage which drains out in dry years, so that the river run-off there is never as great proportionally in wet years or as low in dry years as on other sections of the Snake River drainage area.

The annual run-off at Moran and Neeley during years of record is shown on Plates 4 and 5. Surplus flood water that spilled past Milner after American Falls Reservoir filled on March 30 amounted to 1,310,000 acre-feet.

The maximum flow at Heise occurred on June 9 and amounted to 22,600 second-feet. Some bank erosion occurred between Heise and Roberts at this stage but was not a matter of more than local importance at a few points.

From observations during recent years it appears that the river channel in its present condition in this section will carry about 28,000 second-feet at Heise before flood damage becomes a matter of serious consequence. Years in which the maximum flow at Heise has appreciably exceeded 28,000 second-feet, from 1904 to date, are as follows:

Year	Max. daily discharge (sec.-ft.)	Year	Max. daily discharge (sec.-ft.)
1904	51,500	1914	33,400
1907	32,000	1917	37,900
1909	44,000	1918	31,600
1911	36,000	1921	33,300
1912	34,600	1927	36,600
1913	33,900	1928	35,500

The year of 1894 was the year of highest water that has ever occurred on Snake River during historic times. The only measuring station on the river at that time was at Idaho Falls, where the gage was overtopped by a discharge of 71,000 second-feet on June 3 and rose to a still higher stage a few days later. The discharge at Heise at that time was probably about 65,000 second-feet.

Local newspaper accounts published early in June, 1894 indicate considerable damage to highways, canals, bridges, railroads and lands adjacent to the river. The water was reported 20 feet deep at the head of the Idaho and Great Western canals with the railroad under water for 5 miles south of Market Lake.

TRANSFERS AND EXCHANGES

The following permanent transfers were granted by the Commissioner of Reclamation during the year:

Transfer No. 588.- 0.4 sec.-ft. June 1, 1885 and 0.4 sec.-ft. June 1, 1894 priorities Snake River, from the Texas Slough to Reid Canal.

Transfer No. 592.- To U. S. Bureau of Reclamation; 12 sec.-ft. of May 10, 1889 priority, waters of Sheridan Creek formerly appurtenant to lands flooded by Island Park Reservoir, transferred to lands within the Fremont-Madison Irrigation Dist.

A few temporary transfers of minor extent were allowed between several neighboring canals in the Henrys Fork area during the latter part of the season. Several upper valley canals on Snake River shut out their water entirely for short periods after part of their rights had been cut and 90% of the water so accumulated was credited to them as storage. Most of the water so accumulated, however, was not used and still remained in Jackson Lake at the end of the season, as the

natural flow of the river held up better than anticipated and the supply from other sources owned by such canals proved more than adequate for their requirements. Owing to the fairly abundant water supply there were but few requests for any kind of temporary transfers or exchanges during 1938 other than the usual exchange of natural flow on Henrys Fork for storage, by which holders of American Falls storage in the Henrys Fork area are able to divert such storage.

LITIGATION

Summary decrees were awarded, during the year, in the State District Court to various claimants in Teton Basin, amounting to a total of about 1,000 second-feet of floodwater rights with priority of January 22, 1916. These rights were awarded on the basis of one inch per acre and are supposed to represent floodwaters that have been diverted, when available, by the claimants for a number of years past.

The suit by lower users on Teton River vs. Wyoming users was tried in the Federal Court at Cheyenne but issuance of a decree has been delayed by the Judge to see if a compact can be negotiated between Wyoming and Idaho which will include a settlement of the matters at issue in this case.

Suit by the Burley Irrigation District relative to the winter water saving contract is still pending and has tentatively been set for trial during March 1939 in Washington, D. C.

A hearing was held about June 1st before the State Engineer of Wyoming at Cheyenne on the application of the Utah-Idaho Sugar Co. to have its storage rights determined in the Emma Matilda and Two Ocean reservoirs but no decision has been announced at the time of writing this report. These rights are being contested by the Snake River Land Co., representing the Rockefeller interests in Jackson Hole.

CANAL DELIVERIES

Daily diversions from the main river between Heise and Blackfoot for the months May to September 1938 are shown on Plates 6-10 incl. Diversions by canals below American Falls are shown for the entire year on Plates 32-41 incl. Canals between Heise and Blackfoot used only domestic water prior to May 1st. They diverted practically the entire stream flow, however, for about a week after Sept. 30, 1938 but by Oct. 10, 1938 had reduced their diversions to needs for domestic water only, on account of general rains.

The following tabulation shows the seasonal diversions, area under canal and acreage irrigated in 1938 under canals diverting from Snake River between Heise and Milner. A similar tabulation for canals in the Henrys Fork section is shown separately in the chapter covering distribution on Henrys Fork. The figures on irrigated acreage show the area to which water was delivered without deduction for roads, buildings, etc.

On most of the larger canal systems these figures are probably fairly accurate but on many of the smaller canals they are only estimates furnished by someone familiar with the canal system.

Canals are listed in order downstream from Heise gaging station.

Diversions during 1938 Irrigation Season

(Snake River canals)

Canal	Irr. Season Diversions (acre-ft.)	Area under canal (acres)	Area drawing water 1938 (acres)	Diversion. Acre-ft. per acre served 193
Riley	5,200	873	850	6.1
Anderson & Eagle Rock	213,000(a)	33,000	31,500	6.8
Farmers Friend	93,500	10,500	10,300	9.1
Enterprise	34,100	5,000	5,000	6.8
Nelson	345	80	60	5.7
Mattson Craig	3,660	650	420	8.7
Arnsberger	524	200	120	4.4
Ross and Rand	1,040	152	130	8.0
Butler Island	13,400	1,320	940	14.2
Steele	2,290	290	200	11.4
Harrison	100,000	16,000	16,000	6.2
Cheney	1,860	240	170	10.9
Rudy and Boomer	48,500	5,100	5,000	9.7
Kite & Nord	1,270	235	160	7.9
Burgess	213,000	23,000	21,000	10.1
Clark & Edwards	21,000	1,945	1,700	12.4
Lowder & Jennings	8,650	1,260	850	10.2
East Labelle	33,300	2,200	2,100	15.8
Sunnydell	29,600	3,500	3,400	8.7
Lenroot	31,300	3,600	3,600	8.7
Reid	34,600	5,500	4,500	7.7
Texas Feeder	69,100	8,500	7,000	9.7
Nelson-Corey	3,070	640	400	7.7
Hill-Pettinger	860	210	120	7.2
Rigby	45,600	4,000	4,000	11.4
Dilts	5,410	780	700	7.7
Island	35,200	3,400	3,000	11.7
W. Labelle & Long Isl.	113,000	9,000	8,500	13.3
Parks & Lewisville	76,800	6,500	6,000	12.8
North Rigby	14,700	1,300	1,200	12.2
White	1,790	250	175	10.2
Ellis	1,090	100	80	13.6
Bramwell	2,170	400	200	10.8
Butte & Market Lake	64,600	19,000	18,000	3.6
Osgood	29,700	7,000	6,000	5.0
Bear Isl. & Smith	690	240	160	4.3
Idaho (a)	242,000	36,047	36,047	6.7
Kennedy	9,160	2,230	1,900	4.8
Gt. Western & Porter	176,000	26,000	25,900	6.8
Coy	232	40	40	5.8

Canal	Irr.Season Diversions (acre-ft.)	Area under canal (acres)	Area drawing water 1938 (acres)	Divers'n Acre-ft. per acre served 1938
Woodville	17,000	3,000	3,000	5.7
Snake R. Valley (a)	139,000	25,000	21,300	6.5
Reservation	181,000(b)	60,000	33,240	5.4
Blackfoot	86,100	15,000	12,000	7.2
New Lava Side	36,200	6,000	5,000	7.2
Peoples	115,000	20,000	16,000	7.2
Aberdeen	268,000	62,298	55,000	4.9
Corbett	38,900	7,900	7,000	5.6
Nielsen-Hansen	2,000	480	450	4.4
Riverside	30,800	5,000	3,500	8.8
Danskin	48,000	6,000	6,000	8.0
Trego	16,100	1,750	1,250	12.9
Wearyrick	14,100	1,540	1,500	9.4
Watson	27,200	4,880	4,800	5.7
Parsons	5,420	1,000	850	6.4
No. Minidoka	427,340	62,948	56,000	7.6
So. Minidoka	321,100	54,000	50,000	6.4
No.Side Can. Co.(c)	1,010,470	170,000	155,000	6.5
Twin Falls Canal	1,008,110	202,600	202,600	5.0
Milner Low Lift	39,870	10,000	9,033	4.4
Gooding (c)	315,350	88,000	52,400	6.0
Total(excluding Henrys Fork)	5,927,371	1,047,478	923,345	6.4

(a) Used some additional water from Willow & Sand Creeks.
(b) 93,500 from Snake River, balance from Blackfoot R.& Sand Cr.
(c) Used some additional water from Wood rivers.

The irrigation season used in the preceding tabulation is May to September for canals above American Falls and April to September for canals below American Falls. A small amount of additional water was used during October. The total diversions in 1938 by all canals were 241,880 acre-feet greater than in 1937 and were slightly more than in 1936.

Lower valley canals below American Falls diverted 53% of the total shown in the preceding tabulation and upper valley canals (not including Henrys Fork) used 47%. No water shortage of any consequence was experienced by any of these canals during 1938.

Canals above American Falls, excluding Henrys Fork, diverted 322,013 acre-feet of storage or 11.5% of their total diversions. Lower valley canals used 1,123,815 acre-feet of storage or 40% of their total diversions.

A total of 98,090 acre-feet was discharged past Milner for the Idaho Power Co. during the 6-month period Oct. 1937 to March 1938 incl. and 2,417 acre-feet were similarly discharged Sept. 25-30, 1938. Surplus flood waters that spilled past Milner April 1-July 12, 1938 were also available for use at downstream power plants.

The following tabulation shows the water used in various sections of the District during the past 10 years.

Diversions in Thousands of Acre-ft.

Heise to Blackfoot

Year	May	June	July	Aug.	Sept.	Season
1929	245	629	701	562	379	2,516
1930	436	675	682	464	414	2,671
1931	411	546	490	360	226	2,033
1932	379	563	687	579	384	2,592
1933	226	756	674	527	387	2,570
1934	548	359	399	275	211	1,792
1935	276	684	662	445	326	2,393
1936	489	619	677	520	420	2,725
1937	392	600	658	520	361	2,531
1938	356	680	628	592	465	2,721
Average, excluding 1931 & 1934	350	651	671	526	392	2,590

Henrys Fork & Tributaries

1929	163	239	199	156	102	859
1930	201	220	159	138	102	820
1931	200	156	100	72	62	590
1932	205	222	192	152	98	869
1933	162	267	176	143	91	839
1934	166	117	86	48	42	459
1935	187	236	170	104	79	776
1936	218	217	178	138	106	857
1937	200	223	163	126	84	796
1938	185	238	180	159	119	881
Average excluding 1931 & 1934	190	233	177	139	98	937

Diversions in Thousands of Acre-ft. - cont'd.

Minidoka Project

Year	April	May	June	July	Aug.	Sept.	Season
1929	16	123	145	159	152	108	703
1930	110	83	153	165	131	105	747
1931	64	143	155	167	110	46	685
1932	35	125	140	173	159	111	743
1933	70	129	165	171	164	110	809
1934	43	97	71	101	36	12	360
1935	33	101	147	172	154	107	714
1936	26	169	128	169	150	99	741
1937	18	145	130	176	156	96	721
1938	32	147	145	145	167	113	749
Average excluding 1931 & 1934	43	128	144	166	154	106	741

North Side Project

1929	66	179	186	190	189	152	962
1930	146	127	191	214	172	112	962
1931	81	187	153	173	147	50	791
1932	72	157	174	217	212	157	989
1933	65	169	207	204	226	164	1035
1934	52	118	127	130	62	33	512
1935	15	151	194	212	161	100	833
1936	42	201	200	202	198	130	973
1937	40	176	185	228	218	126	973
1938	51	180	201	211	212	155	1010
Average excluding 1931 & 1934	62	168	193	210	199	137	969

Twin Falls Project

1929	36	191	202	220	221	140	1010
1930	134	154	184	224	192	130	1018
1931	77	194	180	205	203	116	975
1932	48	155	160	212	225	173	971
1933	85	197	201	218	223	162	1086
1934	129	167	154	175	191	124	940
1935	56	167	178	202	210	159	952
1936	54	209	195	219	219	142	1038
1937	57	191	179	217	216	144	1004
1938	55	186	187	198	215	167	1008
Average excluding 1931 & 1934	63	181	186	214	215	152	1011

Diversions in Thousands of Acre-ft. - cont'd.

Gooding Project

Year	April	May	June	July	Aug.	Sept.	Season
1932	14	54	60	82	71	38	319
1933	2	43	58	70	58	45	276
1934	31	59	58	65	59	40	312
1935	3	54	65	67	57	1	247
1936	2	66	73	83	69	39	332
1937	10	60	66	75	68	43	322
1938	3	39	61	76	74	63	316
Average excluding Sept. 1935	9	54	63	74	65	45	310

April diversions were below normal, May and June diversions were slightly above normal while July diversions were noticeably below normal in the section from Heise to Blackfoot and on the Minidoka and Twin Falls projects, due to rains during the first week in July that reduced the demand for irrigation water. Diversions during August and September were well above normal and except on the Twin Falls and North Side Projects, were the greatest for a similar period during the past 10 years.

Precipitation was light at valley points during those two months, there were no frosts, and with large reservoir holdovers assured there was little incentive among the water users towards economical use of water; in fact it was with difficulty that some of the upper valley canals were persuaded not to insist on running Jackson Lake storage after October 1st.

RIVER DATA

Segregation of flow at the various measuring stations, storage water losses, diversions, etc. during the period of storage draft are shown on Plates 12-13. The methods of segregating stored water and normal flow that have been used for some years past were continued without change during 1938. At Jackson Lake it is assumed that return flow from reservoir bank storages offsets evaporation loss on the stored water. The reservoir drop each 24 hours, converted into second-feet, is called stored water at the Moran station and when subtracted from the total flow gives normal or natural flow. This procedure, if strictly followed from day to day, would penalize natural flow rights when the reservoir first begins to drop at which time evaporation losses are greatest and there is no return flow from reservoir bank storage. On this account it is the practice, when first making natural flow cuts, to lag several hundred sec.-ft. behind the river flow, filling such rights from stored water that is later recovered for the storage owners after the reservoir has dropped to a lower stage where the bank storage is draining into it.

Starting at Moran the storage losses, as fixed by the adopted schedule, and the storage diversions are subtracted from the storage flow in the river and the amount of storage at the next downstream station is thus determined as far downstream as Blackfoot. After the 1900 priorities were cut the natural flow at the Clough station was taken as 160 second-feet plus any water being discharged from the Blackfoot River and the balance at Clough was classed as Jackson Lake storage being discharged past that point. During the season there were 57,500 acre-feet of Jackson Lake water carried past Cloughs in excess of the amount necessary to replace about 6,000 acre-feet of natural flow diverted as storage by upstream canals July 13-18.

During the 5 months May to September incl. there were 12 sets of measurements made of the flow of the springs entering American Falls Reservoir, at the old measuring stations established before the dam was built. Interpolating the daily discharge of these springs between measurements and using the daily flow of Portneuf River at Pocatello and unmeasured inflow computed from the Newell formula (840 + 1/3 measured inflow, except during Portneuf flood-water period) the total daily inflow between Clough and Neeley is computed and is shown in detail on Plate 11. The unmeasured inflow is not fluctuated from day to day but is carried as an average over varying periods of time and ranges between 1280 and 1320 second-feet.

The present method of computing inflow to American Falls Reservoir below the Clough station began in 1932 and has been followed for 7 years to date. To afford a basis for determining whether the method gives results that appear reasonable in comparison with actual records prior to reservoir construction the following table has been prepared showing gain from Clough to Neeley for 7 years, 1920-26, prior to reservoir construction as determined by comparison of monthly discharge at the two stations, corrected for time of transit between stations, and the same gain for the 7 years from 1932-38 as determined by the method of computing inflow in use during those years. The flow of Portneuf River at Pocatello has been excluded in each case, so that the tabulated gain represents inflow from spring water and irrigation waste only.

Average daily gain in Sec.-ft.

Clough to Neeley, less Portneuf at Pocatello

Year	May	June	July	Aug.	Sept.	Season
1938	2650	2540	2540	2530	2530	2550
1937	2510	2600	2510	2500	2470	2520
1936	2480	2630	2540	2540	2560	2550
1935	2600	2430	2360	2390	2420	2440
1934	2330	2290	2290	2280	2270	2290
1933	2540	2550	2550	2560	2570	2550
1932	2470	2480	2570	2540	2620	2530
Average 1932-38	2510	2510	2480	2480	2490	2490
1926	2370	2460	2400	2450	2510	2430
1925	2180	2290	2400	2600	2680	2430
1924	2360	2210	2220	2360	2380	2310
1923	2640	2750	2730	2700	2600	2680
1922	2510	2640	2460	2650	2500	2550
1921	2210	2730	2400	2480	2500	2460
1920	2490	2690	2340	2370	2450	2470
Average 1920-26	2390	2540	2420	2520	2520	2470

The average computed gain during the irrigation season for the past 7 years has been 2490 sec.-ft., while the average actual gain during the same months for 7 years prior to reservoir construction was 2,470 sec.-ft. This comparison indicates that the method being followed in calculating this inflow gives results that are substantially correct and that afford a fair basis for segregating stored water and normal flow as discharged from the reservoir.

The normal flow at Neeley was computed by adding to the normal flow at Cloughs the inflow from Cloughs to Neeley including Portneuf River at Pocatello, and was delivered without loss or gain to downstream canals in accordance with their established priorities. Any additional amount of water diverted by such canals was classed as storage.

There was a period of 6 days, July 13-18, Clough dates, when upper valley canals diverted as storage about 6,000 acre-feet of natural flow that belonged to natural flow rights below American Falls. On Plate 12 such quantities are shown at Cloughs as minus storage quantities and the natural flow for lower valley canals is computed as if such water had been available at that time, the water being drawn from American Falls Reservoir and later replaced by delivering an equivalent amount of Jackson Lake storage past Cloughs.

Inasmuch as the large holdover in the fall of 1938 at American Falls will insure that reservoir filling before the beginning of the 1939 irrigation season, all of the holdover at Jackson Lake on Sept. 30, 1938 will accrue to Jackson Lake rights for use in 1939.

STORED WATER DELIVERIES

Both Jackson Lake and American Falls reservoirs filled and all rights in those reservoirs were filled in full. Reservoir allotments were made as follows:

1938 Reservoir Allotments(acre-ft.),downstream order from Heise

Canal	Jackson Lake right	Am. Falls right.	Am. Falls lease	Total allotment
Poplar Irr. Dist.	1,200	793	370	2,363
Progressive Irr.Dist		14,609	7,533	22,142
Farmers Friend	2,000			2,000
Enterprise Canal Co.	6,100	10,509	4,908	21,517
Harrison	5,000	11,994	6,185	23,179
Rudy	2,000	2,000	1,031	5,031
Burgess	5,120	7,496	4,501	17,117
Lowder	1,040			1,040
Sunnydell	4,000			4,000
Lenroot	3,000	4,504	2,322	9,826
Reid		3,002		3,002
Dilts		1,034	533	1,567
Enterprise Irrig.Dist.		12,000	13,104	25,104
Fremont-Madison Irrig.Dist.			19,763	19,763
Butte & Market Lake		3,002	2,804	5,806
Osgood		15,852	8,175	24,027
Bear Island		225	105	330

Canal	Jackson Lake right	Am. Falls right	Am. Falls lease	Total allotment
Smith		79	41	120
Kennedy	355			355
Idaho		26,986	12,602	39,588
Martin	1,500	2,250	1,050	4,800
New Sweden Dist.	5,000	28,528	14,711	48,239
Woodville		9,000	4,200	13,200
Snake River Valley	15,000	27,643	12,909	55,552
Blackfoot		15,033	7,020	22,053
Peoples	8,000	22,519	11,613	42,132
Aberdeen	42,685	41,333	29,306	113,324
Corbett		4,000	1,868	5,868
Trego		1,462	683	2,145
Minidoka Project	325,810	50,000	25,785	401,595
Milner Low Lift		34,113	17,592	51,705
Twin Falls Canal Co.	97,183	151,185	70,603	318,971
North Side Project	322,007	320,256	152,276	794,539
Gooding		400,000		400,000
Idaho Power Co.		45,000		45,000
Total	847,000	1,266,407	433,593	2,547,000

Both Jackson Lake and American Falls Reservoir rose to heights slightly above their rated capacities, but such extra water was discharged as natural flow and computed storage drafts did not begin until the reservoirs had dropped to their regular capacities of 847,000 and 1,700,000 acre-feet respectively.

In addition to the rights in Jackson Lake and American Falls, the Minidoka Project held 95,670 acre-feet in Lake Walcott when storage use began on July 13 and was credited with 40,000 acre-feet gain Neeley to Milner during the period of storage use July 13-Sept. 30. The Utah-Idaho Sugar Co. discharged 3,685 acre-feet from Emma Matilda and Two Ocean Lakes for use on the Osgood Project. The Kennedy ditch received 65 acre-feet as storage discharged from Market Lake Springs Sept. 1-12. The discharge from these springs during the balance of the season was delivered as natural flow.

Daily storage diversions by the various canals on the main river are shown on Plate 14. Storage diversions by Henrys Fork Canals are shown as a group on this Plate but are shown separately on Plate 22.

There were a few miscellaneous rentals of storage by various individuals which were handled through a storage pool as follows:

1938 Pool Operations

Sold to		Purchased from	
Canal	Acre-ft.	Canal	Acre-ft.
Canyon Cr.Irr.Dist.	639	Woodville	3,000
Teton Basin Users	2,230	Reid	505
Farmers Friend	43	10% penalty on stored normal	1,476
Harrison	63		
Clark Ditch (Dilts)	125		
Rudy	133	Total	4,981
Kennedy	323		
Reservation	1,177		
Mattson-Craig	54		
Swan Valley	304		
Total	4,981		

The foregoing sales and purchases were on the basis of 12¢ per acre-ft. measured at Jackson Lake, or 13¢ per acre-ft. at point of river diversion. The only rental of storage by American Falls owners during 1938 other than those handled through the Pool was the rental of 5,091 acre-ft. (measured at Jackson Lake) by the Corbett Slough Ditch Co. to the Peoples Canal Co. for $460.

Owing to high stage maintained throughout the year on American Falls Reservoir the drawdown during 1938 was less than during any of the past nine years. This resulted in less return from reservoir bank storage than has occurred during recent years. During the period of storage draft July 13 - Sept. 30, 1938 the bank storage return exceeded reservoir losses by only 130 acre-ft.

Between Sept. 30 and Oct. 7, 1938 the combined contents of American Falls Reservoir and Lake Walcott declined by about 14,000 acre-feet which was used as storage by the Idaho Power Co., North Side Project and Minidoka Project. After Oct. 7, 1938 storage was resumed in these reservoirs for 1939 use.

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

1938

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

Station	May	June	July	Aug.	Sept.	Season
Moran	2,110	114,629	140,460	138,560	85,220	480,979
Heise	420,040	608,600	407,200	269,370	189,720	1,894,930
Riley Ditch	324	869	601	594	234	2,622
Heise & Riley	420,364	609,469	407,801	269,964	189,954	1,897,552
Tot.gain s.f.	418,254	494,840	267,341	131,404	104,734	1,416,573
Mean gain s.f.	13,490	16,490	8,620	4,240	3,490	9,260
Total gain a.f.	829,600	981,500	530,300	260,600	207,700	2,809,700

The gain for the season in this section was 830,300 acre-ft. greater than during the same period in 1937, reflecting the increased run-off from greater precipitation. It was 540,000 acre-ft. less than in 1936, however.

Gain in Snake River, Heise to Shelley stations

1938

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

Station	May	June	July	Aug.	Sept.	Season
Heise & Riley	420,364	609,469	407,801	269,964	189,954	1,897,552
Roxburg	138,030	116,390	64,988	25,474	26,701	371,583
Total supply	558,394	725,859	472,789	295,438	216,655	2,269,135
Diversions	112,463	242,348	221,625	221,378	179,230	977,042
Shelley	440,520	505,400	284,350	96,470	65,950	1,392,690
Total acct. for	552,983	747,748	505,973	317,848	245,180	2,369,732
Total gain s.f.	-5,411	21,889	33,184	22,410	28,525	100,597
Mean gain s.f.	- 175	730	1,070	723	951	687
Total gain a.f.	-10,730	43,420	65,820	44,450	56,580	199,540

The gain in this section during the months July to September incl. has averaged as follows during recent years.

Year	Aver. Gain (sec.-ft.)	Year	Aver. gain (sec.-ft.)	Year	Aver. Gain (sec.-ft.)
1930	956	1933	543	1936	768
1931	182	1934	-51	1937	754
1932	537	1935	243	1938	915

The late season gain in this section is a good indicator of the height of ground water levels in the upper valley, which now appears to have recovered from the 1934 low point and be the highest since 1930.

Loss in Snake River, Shelley to Clough stations

1938

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

Station	May	June	July	Aug.	Sept.	Season
Shelley	439,420	505,200	293,890	97,490	66,570	1,402,570
Blackfoot R.	9,565	4,268	4,526	434	300	19,093
Total supply	448,985	509,468	298,416	97,924	66,870	1,421,663
Diversions	67,114	100,195	94,692	76,780	55,399	394,180
Clough	373,390	405,960	201,003	21,217	12,462	1,014,032
Total acct. for	440,504	506,155	295,695	97,997	67,861	1,408,212
Total loss s.f.	8,481	3,313	2,721	-73	-991	13,451
Mean loss s.f.	274	110	88	- 2	- 33	88
Total loss a.f.	16,820	6,570	5,400	-145	-1,970	26,675

The low losses in this section that existed during 1937 were still further reduced in 1938, probably due to muddy river water and heavy waste from canals into the river. During August and September the unmeasured inflow from canal wastes and from ground water just upstream from the Clough station were sufficient to offset the river channel losses and produce a slight net gain between Shelley and Cloughs. There would be a loss of several hundred second-feet if these contributions could be measured and considered as part of the water supply for this river section.

Loss in Snake River, Clough to Neeley stations

1938

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

Station	May	June	July	Aug.	Sept.	Season
Clough	371,790	406,250	213,588	21,148	13,168	1,025,944
Inflow	94,605	79,715	83,161	80,761	79,244	417,486
Reservoir draft	-4,275	-716	153,216	231,639	136,846	516,710
Total supply	462,120	485,249	449,965	333,548	229,258	1,960,140
Neeley	451,260	467,000	443,250	333,900	232,140	1,927,550
Tot.loss s.f.	10,860	18,249	6,715	-352	-2,882	32,590
Mean loss s.f.	350	608	217	- 11	- 96	213
Total loss a.f.	21,540	36,200	13,320	-698	-5,720	64,640

The American Falls Reservoir remained at or slightly above its capacity of 1,700,000 acre-ft. from May 1 to July 12 and held at the highest level since 1929 during the balance of the season. As a result the losses were quite heavy, and there was less return flow from reservoir bank storage than has occurred in recent years of greater drawdown.

Loss in Snake River, Neeley to Minidoka stations

1938

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

Station	May	June	July	Aug.	Sept.	Season
Neeley	449,860	467,900	445,450	334,510	233,770	1,931,490
Walcott draft	-4,573	-1,457	2,536	-237	7,653	3,922
Total supply	445,287	466,443	447,986	334,273	241,423	1,935,412
N. Minidoka	45,100	42,050	40,598	45,770	31,133	204,651
S. Minidoka	28,953	31,233	32,271	38,470	25,820	156,747
Minidoka	369,750	392,380	375,390	246,420	181,760	1,565,700
Tot.acct.for	443,803	465,663	448,259	330,660	238,713	1,927,098
Tot.loss s.f.	1,484	780	-273	3,613	2,710	8,314
Mean loss s.f.	48	26	- 9	117	90	54
Tot.loss a.f.	2,943	1,547	-541	7,166	5,375	16,490

The loss for the season is low in comparison with recent years, due mainly to reduced loss in June and July. It is possible that the high levels in American Falls Reservoir during 1938 may have increased the ground-water inflow to the river below Neeley station. Lake Walcott was not drawn down during September as much as in former years and did not show the usual September gain from return bank storage.

Gain in Snake River, Minidoka to Milner stations
1938

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

Station	May	June	July	Aug.	Sept.	Season
Minidoka	368,400	393,730	378,700	247,000	183,520	1,571,350
P. A.	1,746	1,812	1,803	1,878	1,650	8,889
Gooding	45,930	56,520	65,780	64,720	57,290	290,240
Milner Low Lift	3,702	4,387	3,728	4,975	3,312	20,104
No. Milner	63,210	73,800	76,980	77,410	50,532	341,932
So. Milner	94,090	94,110	99,970	108,330	84,080	480,580
Milner	165,957	174,029	142,799	281	1,434	484,500
Tot.acct. for	374,635	404,658	391,060	257,594	198,298	1,626,245
Tot.gain s.f.	6,235	10,928	12,360	10,594	14,778	54,895
Mean gain s.f.	201	364	399	342	493	359
Tot.gain a.f.	12,367	21,676	24,515	21,012	29,312	108,882

The gain in this section continued to increase in 1938, being 14,600 acre-ft. more during the 5 months period than in 1937. The gain from Neeley-Milner during the period of storage use July 13-Sept.30 amounted to 40,000 acre-ft. which was credited to the Minidoka Project as storage supply. This credit was somewhat less than in 1937 due to shorter period of storage use and to reduced gain as a result of holding up Lake Walcott level during September 1938.

DISTRIBUTION ON HENRYS FORK

Water distribution on Henrys Fork and tributaries, except in Teton Basin, was again under the immediate supervision of Melvin Luke, Deputy Watermaster, with summer headquarters at St.Anthony. The water supply in this area was fairly adequate for the crops being raised and total diversions during the 1938 irrigation season were the greatest of any during the past 10 years. When Island Park Reservoir water is available in future years, however, some of the canals with late natural flow rights, particularly on Fall River, will doubtless raise more crops requiring late water so that their late summer diversions then will be greater than they were in 1938.

Henrys Lake reached a storage level of 42,678 acre-feet compared to 80,000 acre-ft. capacity, the first time in nine years that it has been even one-half filled, and still held 25,200 acre-ft. at the close of the season on Sept. 30, 1938. The supply from Island Park Reservoir to be available in 1939 and future years will doubtless reduce the draft on Henrys Lake and will result in increased holdovers in the latter reservoir, so that it may eventually be filled to capacity in some future year. It has never been filled since it first started to store water in 1923 but it reached a level of 75,000 acre-foot in 1928.

American Falls rights of the Enterprise Irrigation District (25,104 acre-ft.) and Fremont-Madison District (19,763 acre-ft.) were filled but were not fully diverted. 2,769 acre-ft. of storage water was rented by Teton Basin and Canyon Creek users from the Pool making a total supply of 47,636 acre-ft. of Snake River storage for use on Henrys Fork and tributaries.

There was a period July 15-23 and Aug. 1-8 when the Henrys Fork canals used all the natural flow in the stream, leaving Henrys Fork practically dry below the head of the Consolidated Farmers Canal. The following amounts, however, were discharged past that point at other times for use by prior rights on Snake River.

July 23-31	- - - - -	1500 acre-ft.
Aug. 9-31	- - - - -	19,000 "
September	- - - - -	25,000 "
	Total	45,500 "

This 45,500 acre-feet would have been available if desired during the periods indicated in exchange for Snake River storage in addition to 35,747 acre-feet of exchange water actually diverted by canals on Henrys Fork and tributaries.

The following regulation schedule was in effect on Henrys Fork and Fall River during 1928:

Prior to July 16	Same schedule as Snake River.
July 16	Cut 1903 rights.
July 19	Cut 1902 rights.
July 20	Cut 1897 rights.
After July 21	Same schedule as Snake River.

Following is the schedule on Teton River:

Prior to July 31	Same schedule as Snake River.
July 31	Cut to 1889 rights.
Aug. 6	Cut to June 1, 1885 rights.
Aug. 22	Filled 75% of June 1, 1885 rights.
Sept. 1	Canals drew what they wanted.

Daily diversions by Henrys Fork canals are shown on Plates 16-20 incl. and storage diversions, segregation of river flow, etc. are shown on Plates 21 and 22.

The storage water in Henrys Lake was allotted as follows:

HENRYS LAKE 1938 ALLOTMENT

Lake Contents July 21	42,678 acre-feet
Deduct dead storage and lake losses	2,500 "
Available for allotment	40,178

Allotted		At Reservoir (acre-ft.)	At canal heading (acre-ft.)
Last Chance	15.3%	6,147	5,754
St.Anthony Union	6.8%	2,732	2,557
Salem Union	24.2%	9,723	9,102
Egin	6.8%	2,732	2,557
Independent	26.8%	10,768	10,080
Consol. Farmers	20.1%	8,076	7,560
Total	100.0%	40,178	37,610

Loss of 6.39% was charged from Henrys Lake to St.Anthony. The Egin and St. Anthony Union canals drew no Henrys Lake water at all in 1938, and none of the canals drew its full allotment. Some of the canals in the Fremont-Madison District also did not draw any of their share of the American Falls lease water allotted to the District. The "sub" held up fairly well throughout the season from Chester to Rexburg which reduced the demand for surface irrigation that would otherwise have occurred after mid-July.

The following tabulation of diversions and irrigated acreage is similar to that previously given for the main Snake River, the irrigation season being taken as May to September inclusive.

Table showing diversions and irrigated areas.

Henrys Fork canals - 1938

Canal	Irr. Season Diversions (acre-ft.)	Area under canal (acres)	Area irrig. 1938 (acres)	Diversions ac-ft. per acre irrig.
Fall River Canals				
Yellowstone	610 (a)	5,000	0	0
Harrigfeld	0	3,500	0	0
Marysville	19,600	13,910	12,200	1.6
Farmers Own	7,470	10,000	4,000	1.9
Almy	210	60	50	4.2
Enterprise	34,000	6,619	5,803	5.9
Bell	1,780	160	160	11.1
Fall River	93,000	8,000	8,000	11.6
McBee	1,000	470	200	5.0
Chester	10,900	2,000	1,800	6.1
Silkey	3,840	620	420	9.1
Cur	10,200	1,570	1,500	6.8
Total Fall River	182,610	51,909	34,133	5.4

(a) Used for stock water and to puddle canal.

Henrys Fork Canals				
Dewey	3,970	1,440	1,080	3.7
Last Chance	15,800	1,900	1,840	8.6
St.Anthony Union	127,000	10,000	10,000	12.7
Farmers Friend	23,800	3,600	2,500	9.5
Twin Groves	27,800	2,840	2,840	9.8
Salem Union	42,900	5,300	5,200	8.2
Egin	84,000	8,000	7,500	11.2
St.Anth.Un.Feeder	20,800	2,500	2,500	8.3
Independent	63,100	7,000	7,000	9.0
Consol. Farmers	55,100	7,000	6,000	9.2
Total Henrys Fork	464,270	49,580	46,460	10.0

Note: Cross Cut Canal not included as all water diverted was delivered to Teton River.

Teton River Canals				
Siddoway	3,560	600	600	5.9
Wilford	26,300	2,000	1,850	14.2
Teton Irrig.	16,300	2,385	2,000	8.2
Good Luck	4,400	328	320	13.7
Pioneer	4,250	400	400	10.6
Stewart	4,750	366	360	13.2
Pincock-Byington	2,680	340	300	8.9
Pincock-Garner	5,480	580	440	12.4
Teton Island Feeder	77,800	10,445	10,445	7.5
North Salem	3,740	600	600	6.2
Roxana	3,370	640	600	5.6
Island Ward	7,070	3,300	3,000	2.4

Canal	Irr. Season Diversions (acre-ft.)	Area under canal (acres)	Area irrig. 1938	Diversions ac.-ft. per acre irrig.
Teton River Canals - cont'd.				
Woodmansee-Johnson	7,370	1,325	1,250	5.9
City of Rexburg	10,700	1,295	1,100	9.7
Rexburg Irrig.	53,500(b)	5,480	5,280	10.1
Saurey-Sommers	1,930	708	525	3.7
Total Teton R.	233,200	30,792	29,070	8.0
Total Fall R.,Henrys Fork & Teton R.	880,080	132,281	109,663	8.0

(b) Includes 338 acre-ft. pumped into canal below gage

The total diversions by all canals listed in the preceding tabulation during 1938 were 90,000 acre-feet greater than in 1937, and except for 1928, were the greatest ever recorded. The 1938 diversions were actually greater than those in 1928 during each month of the season except May but heavy diversions during May 1928 made the total for the season slightly greater than it was in the 1938 season.

River Gains & Losses in Henrys Fork Basin

The following time intervals have been used in preparing the tabulations by river sections:

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; Squirrel to Chester, 1/2 day.

Gain in Henrys Fork, Lake to Island Park stations-1938

Station	May	June	July	Aug.	Sept.	Season
Lake	31	120	1,175	8,089	2,262	11,677
Island Park	38,010	27,404	20,608	22,224	15,140	123,386
Total gain s.f.	37,979	27,284	19,433	14,135	12,878	111,709
Mean gain s.f.	1,225	909	627	456	429	736
Total gain a.f.	75,330	54,120	38,540	28,040	25,540	221,570

The total gain in this section was 70,000 acre-ft. greater than during the same period in 1937.

Gain in Henrys Fork, Island Park to Warm River stations-1938

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

Station	May	June	July	Aug.	Sept.	Season
Island Park	37,960	28,038	20,669	22,224	15,295	124,186
Warm River	59,460	40,360	33,151	33,948	26,681	193,600
Total gain s.f.	21,500	12,322	12,482	11,724	11,386	69,414
Mean gain s.f.	694	411	403	378	380	454
Total gain a.f.	42,650	24,440	24,760	23,250	22,580	137,680

There is very little tributary surface run-off in this section except for a brief period early in May when the snow melts. The gain comes from ground-water inflow and springs, most of which occur in Buffalo River and in the canyon between Island Park Ranch and Mesa Falls. The total gain during the 5 months was 11,000 acre-ft. greater than in 1937.

Gain in Henrys Fork, Warm River to Ashton stations, 1938

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

Station	May	June	July	Aug.	Sept.	Season
Warm River	59,680	40,760	33,181	33,953	26,787	194,361
Ashton	90,260	57,880	43,760	42,900	34,450	269,250
Total gain s.f.	30,580	17,120	10,579	8,947	7,663	74,889
Mean gain s.f.	986	571	341	289	255	489
Total gain a.f.	60,650	33,960	20,980	17,750	15,200	148,540

The gain in this section, principally from Robinson Creek and Warm River, was 35,000 acre-ft. greater than during the same period in 1937.

Gain in Fall River, Squirrel to Chester stations,1938

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

Station	May	June	July	Aug.	Sept.	Season
Squirrel	62,810	75,030	35,996	21,066	17,824	212,726
Diversions	11,873	21,282	16,405	17,840	14,466	81,866
Chester	63,710	60,010	23,652	5,952	5,344	158,668
Total acct. for	75,583	81,292	40,057	23,792	19,810	240,534
Total gain s.f.	12,773	6,262	4,061	2,726	1,986	27,808
Mean gain s.f.	412	209	131	88	66	182
Total gain a.f.	25,340	12,420	8,060	5,410	3,940	55,170

The gain in this section was 20,000 acre-ft. greater than during the 1937 season. It was greater during the snow melting period in May

and June, but was also noticeably greater during the months July through September when the gain is supplied by inflow from springs.

Gain in Henrys Fork, Ashton to St.Anthony stations,1938

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

Station	May	June	July	Aug.	Sept.	Season
Ashton	90,700	58,510	43,870	42,920	34,535	270,535
Chester	60,720	60,400	24,262	5,942	5,389	156,713
Total supply	151,420	118,910	68,132	48,862	39,924	427,248
Diversions	32,948	31,060	24,765	20,194	13,980	122,947
St.Anthony	125,160	88,460	47,053	30,035	27,427	318,135
Total acct.for	158,108	119,520	71,818	50,229	41,407	441,082
Total gain s.f.	6,688	610	3,686	1,367	1,483	13,834
Mean gain s.f.	216	20	119	44	49	90
Total gain a.f.	13,270	1,210	7,310	2,710	2,940	27,440

The gain in this section, which is supplied from return flow, averaged 14 second-ft. more than during the same period in 1937. Some ground water that would otherwise have drained into the river was picked up by the new Cross-Cut Canal, which, in its upper 2½ miles, acts as an intercepting drain ditch any time the water level in the canal is lower than the adjacent ground-water level.

Gain in Henrys Fork,St.Anthony to Rexburg stations,1938

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

Station	May	June	July	Aug.	Sept.	Season
St.Anthony	125,160	88,460	47,053	30,035	27,427	318,135
Teton River	57,841	68,730	42,906	22,187	18,654	210,318
Total supply	183,001	157,190	89,959	52,222	46,081	528,453
H.F.Diversions	30,565	25,370	22,039	20,338	14,188	112,500
Teton Diversions	18,185	37,684	24,552	20,717	16,641	117,779
Rexburg	137,780	115,860	63,513	25,679	26,510	369,342
Total acct.for	186,530	178,914	110,104	66,734	57,339	599,621
Total gain s.f.	3,529	21,724	20,145	14,512	11,258	71,168
Mean gain s.f.	114	724	650	468	375	465
Total gain a.f.	7,000	43,090	39,960	28,780	22,330	141,160

The gain for the season was about 23,000 acre-ft. more than during the preceding year. Henrys Fork and Teton River below St. Anthony station are combined in the preceding table as there was some water spilled from Teton River into Henrys Fork during each month of the season, although during August and September all of the Teton River water was diverted by the canals except for short periods during rainy spells.

CROSS-CUT CANAL

The new Cross Cut Canal diverted a small amount of water from Henrys Fork for a few days during 1938. Records at various measuring stations along this canal during 1938 were as follows:

Cross Cut Canal at Head

Date	Disch. (sec.-ft.)	Date	Disch. (sec.-ft.)
May 9	80	Aug. 28	86
May 10	40	Aug. 29	86
May 23	125	Aug. 30	86
May 24	140	Aug. 31	80
May 25	198	Sept. 1	74
May 26	100	Sept. 2	74
Aug.27	86	Sept. 3	37

Canal reported dry at this point on other days.

Cross Cut Canal below Highway

May 24, 127 sec.-ft.; Aug. 25, 36 sec.-ft.; Aug. 29, 94 sec.-ft. Some water running here most of the season but no other measurements were made.

Cross Cut Canal at end (disch.into Teton River)

Date	Disch. (sec. -ft.)	Date	Disch. (sec.-ft.)
May 9	60	Aug. 28	75
May 10	40	Aug. 29	92
May 23	117	Aug. 30	110
May 24	124	Aug. 31	108
May 25	190	Sept. 1	100
May 26	95	Sept. 2	100
Aug.25	31	Sept. 3	100
Aug.27	21		

No records kept on other dates but some water was spilling at times.

Fall River Canal disch. into Cross-Cut Canal

Date	Disch. (sec.-ft.)	Date	Disch. (sec.-ft.)
June 20	224	Aug. 28	195
June 29	235	Aug. 29	200
July 7	93	Aug. 30	197
Aug. 26	195	Aug. 31	197
Aug. 27	195	Sept. 1	203

No other records kept .

North Diversion from Cross Cut

Date	Disch. (sec.-ft.)	Date	Disch. (sec.-ft.)	Date	Disch. (sec.-ft.)
May 18	13	June 23	184	Aug. 26	107
May 21	66	June 24	184	Aug. 27	107
May 23	98	June 25	184	Aug. 28	118
May 24	98	June 26	118	Aug. 29	111
May 25	98	June 27	118	Aug. 30	110
June 20	120	June 29	121	Aug. 31	110
June 22	27	July 7	27	Sept. 1	108

No other records kept.

Middle Diversion from Cross Cut

Date	Disch. (sec.-ft.)	Date	Disch. (sec.-ft.)	Date	Disch. (sec.-ft.)
May 23	78	June 25	63	Aug. 27	69
May 24	78	June 26	123	Aug. 28	91
May 25	78	June 27	125	Aug. 29	91
June 20	101	June 29	124	Aug. 30	89
June 22	148	July 7	70	Aug. 31	73
June 23	63	Aug. 26	69	Sept. 1	73
June 24	63				

No other records.

Loss in Cross-Cut Canal
Aug.27-Sept. 1,1938

(24-hr. sec.-ft. totals)

Diverted at Head from Henrys Fork		498
Received from Fall River Canal		1187
	Total supply	1685
Middle diversion	486 sec.-ft.	
North "	664 "	
Disch. at end	506 "	
Total acct. for	1656 "	1656
	Loss	29

Average loss for 6-day period 5 sec.-ft.

During the period Aug. 27-Sept. 1, 1938 when records were secured at all of the stations, the apparent loss from the head to end of the canal was less than 2% of the combined water diverted and received from Fall River Canal, but about 6% of water diverted at

head alone. The actual loss was somewhat greater than this however, as the gain from ground-water inflow from the head of the canal to the highway crossing near Chester was not measured or considered as supply in computing the foregoing loss. The loss may also be greater when larger heads of water are carried in future years or in dry years when the ground-water levels in the Chester area are lower than they were during 1938.

REGULATION IN TETON BASIN

Due partly to the better water supply in 1938 and partly to a better understanding of the local situation the water users on Teton River got along in 1938 with less contention and difficulty than they have had for some years past. The water users in Teton Basin (District 36C) refrained from electing a watermaster at the annual meeting in March, and the State Commissioner of Reclamation shortly thereafter appointed the Watermaster of District 36 as watermaster in District 36C. On June 3, 1938 before any regulation was required, he abolished District 36C and transferred the lands therein to District 36, such action being requested by users on both the upper and lower sections of Teton River.

Merrell C. Henry of Rigby was appointed as deputy watermaster in Teton Basin and the first regulation there began on Mahogany Creek on June 28th. Regulation on the creeks on the East side of Teton Basin began on July 25th with cuts to priorities being filled on Snake River. Beginning August 3, rights in Teton Basin were regulated according to priorities being filled on the lower Teton River which were then of earlier date than those being filled on Snake River.

Teton Basin users purchased 2,987 acre-feet of stored water in 1938, measured at head of Cross Cut Canal, for 13¢ per acre-ft. Of this amount 1,400 acre-feet was delivered through the Cross-Cut canal to lower Teton users to replace natural flow diverted in Teton Basin, 667 acre-feet was delivered to Snake River users whose rights were adversely affected by Teton Basin diversions prior to August 3 and the lower Teton users were paid $119.60 for 920 acre-feet that was not available for exchange through the Cross Cut Canal when needed.

Diversions and storage rentals in Teton Basin were on the basis of delivering to lower users at their headgates 50% as much stored water as the diversions in Teton Basin amounted to. Nearly all of the storage rented in 1938 was for use on Trail Creek. A small amount was rented for use on Spring Creek and by miscellaneous users. Owing to the late date of beginning regulation most of the other streams had dropped to discharges that were too low to flow down their channels and reach Teton River.

The following discharge records were secured on various streams in Teton Basin during 1938.

Discharge in Sec.-Ft.

Date	Trail Cr. above String Canal		Crane Cr. at Highway		Fox Cr. above diversions		Darby Cr. above diversions	
	July	Aug.	July	Aug.	July	Aug.	July	Aug.
1								
2								
3		88	24		16		31	
4		86	23					
5								
6								
7	148							
8		82	21					
9								
10		80	21				27	
11								
12		77	20					
13					13		24	
14								
15								
16					49			
17		73	17		11		22	
18	114		44			84		
19	112	68	16					
20		68	14	32				
21	111		37					
22								
23	103		34		28		52	
24	104	66	37	14				
25	100		34					
26		68	32	14	24	10	46	19
27	98		31					
28		66		14		12		20
29								
30	89	66	26	14	20		38	
31		66		14				

Discharge in Sec.-ft.

Date	Teton Cr. above Grand Teton Canal		String Canal at head		Kimball Canal (head)		Ricks-Kearsley Canal (head)		Enterprise Canal (head)	
	July	Aug.	July	Aug.	July	Aug.	July	Aug.	July	Aug.
1			45		8		6			14
2			33		18		6			19
3		38	33		18		4			21
4			35		18		4			22
5			35		18		4			19
6			35		17		4			19
7			35		15		4			17
8			35		14	9	4	33		17
9		3	35		16		4			17
10			35		14		4			17
11			35		14		4			19
12	283		30		14		4			17
13			30		14		4			17
14			30		14		4			17
15			30		14		4			15
16			30		13		4			17
17		0	30		13		4			17
18			30		14		4			13
19	168		30	18	10		4			13
20			30		10		4	32		11
21		30	30		4		4			11
22			30		10		4			13
23	90		30		0		4			13
24	107		31	6	0		4			15
25			36	26	0		0			16
26	71	0	47	16	10	0	4		20	14
27			46	16	10	0	-		20	10
28			46	16	10	4			16	0
29			46	16	12	4			20	
30	56		46	6	12	4			14	
31			46		8				14	

Discharge in Sec.-ft.

Date	Edwards Canal (head)		Spencer Canal (head)		Humble Canal at head		Tonks Canal at head	
	July	Aug.	July	Aug.	July	Aug.	July	Aug.
1		2		17		1		11
2		2		17		1		9
3		2		4		1		11
4		2		4		1		11
5		2		4		1		11
6		2		4		1		9
7		2	16	4		1		9
8		2		4		1		8
9		2		4	6		14	12
10		2		4				13
11		2		4				9
12		2		4				10
13		2		8				8
14		2		8		1		6
15		2		8		1		6
16		2		8		1		5
17		2		8		1		4
18		2		8		1		4
19		2		8		1		4
20		2	13	10		1		4
21		2		8		1		4
22		2		8		1		4
23		2		2		1		4
24		2		2		1		4
25		2		2		1		6
26	2	0	17	2	1	1	8	8
27	2	0	17	2	1	1	11	10
28	2		17	2	1	1	9	11
29	2		17	2	1	1	11	2
30	2		17	6	1	1	11	2
31	2		17	2	1	1	12	2

Measurements of Loss in Creek Channels

Mahogany Creek, June 28, 1938

Flow of Creek above diversions. . . . . 22.06 sec.-ft.

Diversions:

#1 Bates, Dustin et al.	6.26	sec.-ft.	
#2 Dick Buxton	6.68	"	
#3 Woods.	2.68	"	
#4 John Buxton.	2.92	"	
#5 Carrington	1.71	"	
Total. . . .	20.25	"	20.25 "
Loss.			1.81 "

Creek dry below last diversion. Raining at time of measurements.

Fox Creek, May 27, 1938

Flow below upper canal heading. . . . . 90.8 sec.-ft.

Diversions:

#1	13.2	sec.-ft.	
#2	35.7	"	
#3	19.0	"	
#4	2.0	"	
At highway	4.0	"	
Total acct. for . . .	73.9	"	73.9 "
Loss from upper canal heading to highway			16.9 "

Darby Creek, May 27, 1938

Flow above all diversions at bridge in canyon . . . 266.1 sec.-ft.

Diversions:

#1.	33.7	sec.-ft.	
#2.	8.0	"	
#3	17.5	"	
#4	36.4	"	
Disch. at highway.	47.7	"	
Total acct. for. . .	143.3	"	143.3 "
Loss in section			122.8 "

Several ditches dry. Water flooding due to debris lodged in channel.

Darby Creek- cont'd.

June 16, 1938

Flow below upper diversion on left or south bank of creek.			53.1 sec.-ft.
Diversions:			
#1.	23.3	sec.-ft.	
#2.	5.3	"	
#3	3.9	"	
Disch. at live water 0.6 mile below highway	1.3	"	
Total acct. for. . .	33.8	"	33.8 "
Loss in Section			19.3 "

Teton Creek

May 28, 1938

Discharge at State line (2 channels)			639 sec.-ft.
Diversions:			
#1	8.0	sec.-ft.	
#2	42.3	"	
Discharge at highway	507.5	"	
Total acct. for. . . .	557.8	"	557.8 "
Loss State line to highway.			81.2 "

June 16, 1938

Discharge below head of Grand Teton Canal,		162	sec.ft.
Inflow from Grand Teton Canal		4	"
Inflow from springs above highway		5	"
Total supply			171 sec.-ft.
Diversions:			
#1	19.0	"	
#2	24.0	"	
#3	2.0	"	
#4	6.0	"	
Discharge at highway	104.0	"	
Total acct. for	155.0	"	155 "
Loss Grand Teton Canal heading to highway			16 "

"Sub" was up and flowing into creek above highway.

Teton Creek - cont'd.

June 17, 1938

Discharge below head of Grand Teton Canal		196 sec.-ft.
Spill from Grand Teton Canal		5 "
Total supply		201 "
Diversions:		
#1	21 sec.-ft.	
#2	27 "	
#3	2 "	
#4	7	
Disch. at telephone pole line above highway	128 "	
Total acct. for	185 "	185 "
Loss from Grand Teton Canal head to telephone pole line		16 "

July 12, 1938

Discharge below Grand Teton Canal heading		154 "
Diversions:		
#1	13.0 sec.-ft.	
#2	17.1 "	
#3	0.6 "	
Discharge at live water near highway	95.8 "	
Total acct. for	126.5 "	126.5 "
Loss Grand Teton Canal heading to live water		27.5 "

South Leigh Creek

June 18, 1938

Flow at State line			144 "
Diversions:			
#1	27.1 sec.-ft.		
#2	7.0 "		
#3	6.2 "		
Discharge 1½ mile below highway	110.0 "		
Total acct. for	150.3 "		150.3 "
Gain in section			6.3 "

"Sub" was up and Creek was receiving water from ground-water inflow and irrigation waste.

South Leigh Creek - cont'd.

Aug. 5, 1938

Measurements on the State line:

South Leigh Creek channel.	12.8	sec.-ft.
Killpack Ditch	3.2	"
Zina Little "	2.2	"
L. Fullmer "	1.7	"
Big Hog (So. Leigh Canal).	8.5	"
Total entering Idaho.	28.4	"

All headings were closed from the upper diversions for Idaho lands to the Swanner place for 24 hours by which time the water had flowed down the channel about 3/4 mile below the State line.

Date	Stream	Disch.
Aug. 4	Gale ditch at head	3.3 sec.-ft.
Aug. 5	So. Leigh Cr. near Cheese Factory	0.7 "

The flow rising in the channel from above the highway crossing to the Gale ditch flowed down to 1/4 mile below the R.R.track in 24 hours, with the ditch shut off.

Spring Creek near Tetonia

Loss meast. 24 hrs. after turning water down creek.

Aug. 1, 1938

Spring Creek at highway bridge near Tetonia	17.5	sec.-ft.
Spring Creek above Breckenridge ditch	16.3	"
Loss highway to Breckenridge ditch	1.2	"

Breckenridge diversion	10.3 sec.-ft.		
Spring Creek below Breckenridge Ditch	6.0 "		
Spring Creek at live water . . .	0.7 "		
Loss Breckenridge ditch to live water.	5.3 "	5.3	"
Total loss highway bridge to live water.		6.5	"

Aug. 16, 1938

Spring Creek at highway bridge	13.8	"
Diversions.	2.4	"
Total loss	11.4	"

Water did not reach within 1/4 mile of live water on Aug. 16.

North Leigh Creek

On Aug. 1, 1938, 22 sec.-ft. was turned down the Creek Channel at the upper diversion and all diversions closed for 24 hours. 14.7 sec.-ft. reached the division between middle Leigh and No. Leigh Creeks, of which 1/2 flowed down each channel. The water in No. Leigh Creek reached to a point 1/4 mile above live water and the water in Middle Leigh Creek reached to a point 1/2 mile above live water.

The following additional miscellaneous measurements were made in Teton Basin:

Date	Stream	Discharge (sec.-ft.)
Aug. 1, 1938	Cherry Grove Canal at head nr. Driggs	10.2
Aug.11, 1938	Axel Johnson spg. South of Victor	1.2

This spring when turned down channel did not reach Warm Creek.

Aug. 12,1938	Mahogany Creek above diversions	7.4
Aug. 8,1938	Warm Creek nr. Victor	6.3

This stream was rented to String Canal Co. as storage.

July 23, 1938	No. Leigh Creek above diversions	30.0
July 23, 1938	So. Leigh Creek at State line	40.0

Owing to the high ground-water levels only one user in the Teton Swamp section desired to rent any water as storage. All other swamp streams were turned down their natural channels.

Streams on the west side of Teton Basin were practically all down to such a low discharge by the time their priorities were cut that the flow would not reach Teton River and the water was apportioned among the users on these small creeks.

Miscellaneous measts. in Henrys Fork Basin

Date	Stream	Location	Discharge (sec.-ft.)
July 18, 1938	Targee Creek	1 mi. below road crossing near Lake, Idaho	29.4
Aug. 8, 1938	" "	" " " "	17.2
July 18, 1938	Duck Creek	At road crossing near Lake, Ida.	35.4
Aug. 8, 1938	" "	" " " " "	16.9
Aug. 10, 1938	Conant Cr. Canal	Head of canal	25.4
Aug. 3, 1938	Squirrel Cr. canal	Head of canal	4.5
June 17, 1938	Canyon Cr. Canal	Head nr. Newdale, Ida.	47.0
July 13, 1938	" " "	" " "	30.0
Aug. 1, 1938	" " "	" " "	15.0
Aug. 20, 1938	" " "	" " "	13.0

DISTRIBUTION IN SWAN AND GRAND VALLEYS

F. S. Thomas of Irwin was again selected by the users in this section as local watermaster. More effective regulation in this section could be secured if some qualified non-resident person was engaged as deputy watermaster, but the cost to other water users in district #36 would be greater. The total diversions in this section during the late summer are usually less than 100 sec.-ft. but there are a considerable number of small rights and strict regulation according to priorities would require the continuous employment of a dis-interested competent person during the regulation period. A total of 304 acre-ft. of storage were purchased by users in this section during 1938 and exchanged for natural flow on the basis of delivering as storage one-half of the water diverted. This is the same basis upon which natural flow is exchanged for storage in Teton Basin and rests upon the assumption that half of the water diverted returns to the stream during the irrigation season.

CLIMATOLOGICAL DATA

Monthly precipitation records at various points are shown in the following table:

Precipitation in inches
(Actual and normal for year ending Sept.30, 1938)

Month	Snake R.Wyo. Act.	Snake R.Wyo. Nor.	Moran, Wyo. Act.	Moran, Wyo. Nor.	Afton, Wyo. Act.	Afton, Wyo. Nor.	Bochler,Wyo. Act.	Bochler,Wyo. Nor.	Irwin, Ida. Act.	Irwin, Ida. Nor.
Oct. 1937	2.21	2.10	2.04	1.58	2.83	1.64	3.29	2.73	1.51	1.22
Nov.	4.39	2.04	2.55	1.69	1.92	1.88	5.00	2.96	1.78	1.00
Dec.	3.90	2.66	2.44	1.76	2.49	1.30	5.43	4.22	2.34	1.17
Jan. 1938	3.74	3.68	2.39	2.46	1.35	1.37	5.29	5.00	1.66	1.50
Feb.	2.43	2.98	1.39	2.20	1.65	1.23	3.87	3.65	1.08	1.12
Mar.	7.44	3.61	4.29	2.56	2.48	1.62	10.17	4.26	3.70	1.32
Apr.	2.34	1.96	1.12	1.60	1.28	1.58	2.86	2.77	1.44	.86
May	2.96	2.40	3.14	1.98	1.47	2.12	3.43	2.79	2.15	1.66
June	1.03	2.19	2.01	1.57	2.62	1.48	1.80	2.06	2.04	1.38
July	2.78	1.52	1.63	1.12	2.98	1.03	4.40	1.86	2.49	.93
Aug.	1.36	1.48	2.08	1.34	1.00	1.32	1.21	1.33	.46	.98
Sept.	0.57	1.78	.91	1.61	0.30	1.52	0.76	1.54	.12	1.24
Year	35.15	28.40	25.99	21.47	22.37	18.09	47.51	35.17	20.77	14.38

Month	Ashton Act.	Ashton Nor.	Idaho Falls Act.	Idaho Falls Nor.	Pocatello Act.	Pocatello Nor.	Twin Falls Act.	Twin Falls Nor.	Mean 9 Stas. Act.	Mean 9 Stas. Nor.
Oct.1937	1.42	1.20	0.47	1.06	0.87	1.16	0.70	0.90	1.71	1.51
Nov.	2.45	1.19	1.67	.61	1.54	.89	2.43	1.08	2.64	1.48
Dec.	2.13	1.56	1.39	.97	1.42	1.21	1.27	.89	2.54	1.75
Jan.1938	1.69	1.82	1.07	1.10	1.08	1.39	.66	1.09	2.11	2.16
Feb.	.90	1.29	.72	1.03	1.32	1.27	.14	.91	1.50	1.74
Mar.	3.25	1.14	3.15	.86	3.11	1.31	3.01	.98	4.51	1.96
Apr.	.74	1.18	.67	.89	1.22	1.43	1.14	.98	1.43	1.47
May	1.83	1.97	.94	1.37	1.64	1.52	.85	.99	2.05	1.87
June	1.45	1.44	1.03	1.10	1.12	1.09	.37	.68	1.50	1.44
July	2.40	.93	1.68	.61	.81	.77	.58	.37	2.20	1.02
Aug.	1.66	.70	.37	.61	.68	.71	.28	.21	1.01	.97
Sept.	.61	1.16	.03	.81	.02	.81	.03	.55	.37	1.22
Year	20.53	15.58	13.19	11.02	14.83	13.56	11.46	9.63	23.57	18.59

During October the precipitation was above normal at all headwater stations but below normal in the irrigated area. During November and December precipitation was well above normal at all points, but in January was only about normal at most points. An unusual feature of the December precipitation was considerable rain even at high elevations. February precipitation was slightly below normal at most stations although slightly above normal at several. March precipitation was the highest of any month during the year at all stations except Afton and on an average over the watershed was in excess of twice the normal precipitation for that month. During April the precipitation averaged slightly below normal. May and June precipitation averaged slightly above normal. July precipitation was unusually heavy and August was about normal. September was the driest month during the year with average precipitation only one-third of normal.

The mean precipitation at the nine stations for the year was 127% of normal.

Temperatures were above normal during all months except March, May and August when slight deficiencies occurred. Average temperature during the entire year was 2° above normal.

Weather conditions were generally favorable for crop growth throughout the season but a considerable acreage of potatoes froze in the ground in the fall due to absence of killing frosts in September that would have permitted the tubers to ripen. When frosts did occur in October they followed rains and the wet ground froze. Dry farm wheat yields on the bench lands were generally very good, although some damage occurred at the higher elevations from frost late in August.

EXPENDITURES DURING YEAR ENDING DEC. 31, 1938

Engineers & Hydrographers

Lynn Crandall,	Salary 1 year	$4800.00
H. V. Iorns	" " "	2824.95
Melvin Luke	" 4.37 mos. @ $175	764.18
L. K. Homer	" 2.57 mos. @ $145	372.15
F. W. Tolles	" 3.2 mos. @ $140	448.00
Merrell C. Henry	" 2.13 mos. @ $140	298.66
L. T. Burdick	" 3 days @ $7.00	21.00

Clerk

Effie C. Jones	" 1 year	$1680.00

River Riders

D. W. Archibald	81 days @ $6.00 incl. mileage	$ 486.00
D. R. Crystal	88 days @ $5.50 " "	484.00
A. C. Kelley	36 days @ $5.50 " "	198.00
Eugene Liljenquist	90 days @ $5.00 " "	450.00
H. M. Bramwell	88 days @ $5.50 " "	484.00
Orlando Jensen	42 days @ $5.00 " "	210.00
Walter C. Lenz	2.69 mos. @ $40.00 " "	107.53
F. S. Thomas	41½ hrs. @ .50 " "	20.75

Miscellaneous

Transportation, 43,213 miles @ 6¢ a mile,	$2592.78
Telephone & telegraph,	253.31
Supplies & equipment,	960.43
Gage readers,	608.00
Construction & repairs,	369.17
Bond premium & insurance,	70.55
Miscellaneous,	443.23
Total,	$18,946.67

Expenditures from various funds

Normal flow users	$7150.44
Jackson Lake & American Falls storage	4700.23
Storage Sales account	676.45
Henrys Lake storage users	61.96
Twin Lakes " "	4.77
State of Idaho Stream Gaging fund	1353.61
U. S. Geological Survey	4999.21
Total,	$18,946.67

In addition to the foregoing, upper valley members of the Committee of Nine were paid $57.00 which was prorated among upper valley canals. Not included also is a P. W. A. Federal allotment of $2500.00 for rehabilitation of gaging stations which was used to build new reinforced concrete gage wells and shelters at Heise, Milner and Warm River stations.

Funds on hand Jan. 1, 1939

Normal flow fund	$2309.17
North Fork Reservoir Co.	00
Twin Lakes Storage users	00
Storage Sales account	5860.02
Total,	$8169.19

Amount of Federal and State stream gaging funds available will not be known until after appropriation bill is passed by the current State Legislature.

MAP SHOWING PRINCIPAL STREAMS AND GAGING STATIONS

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

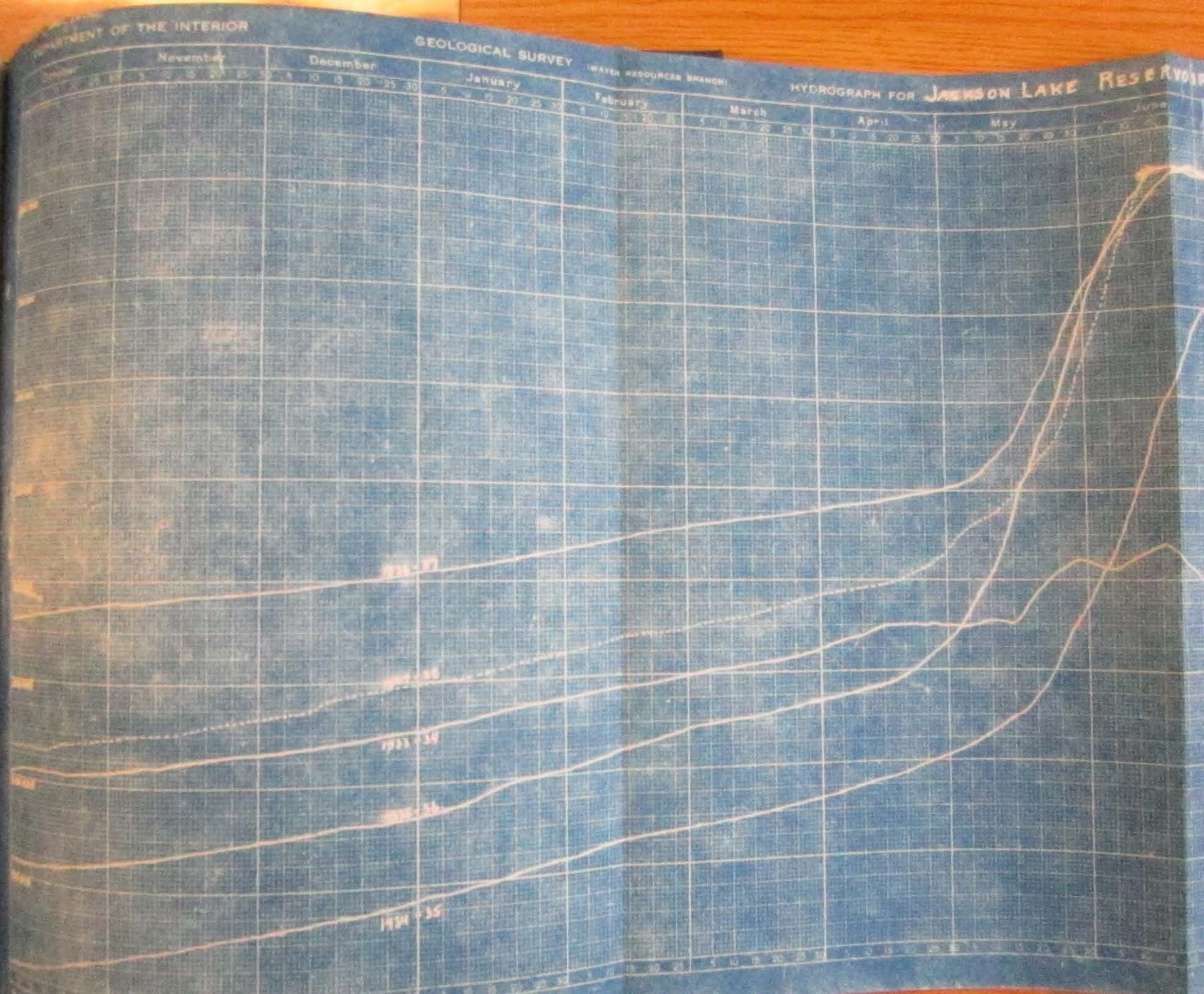


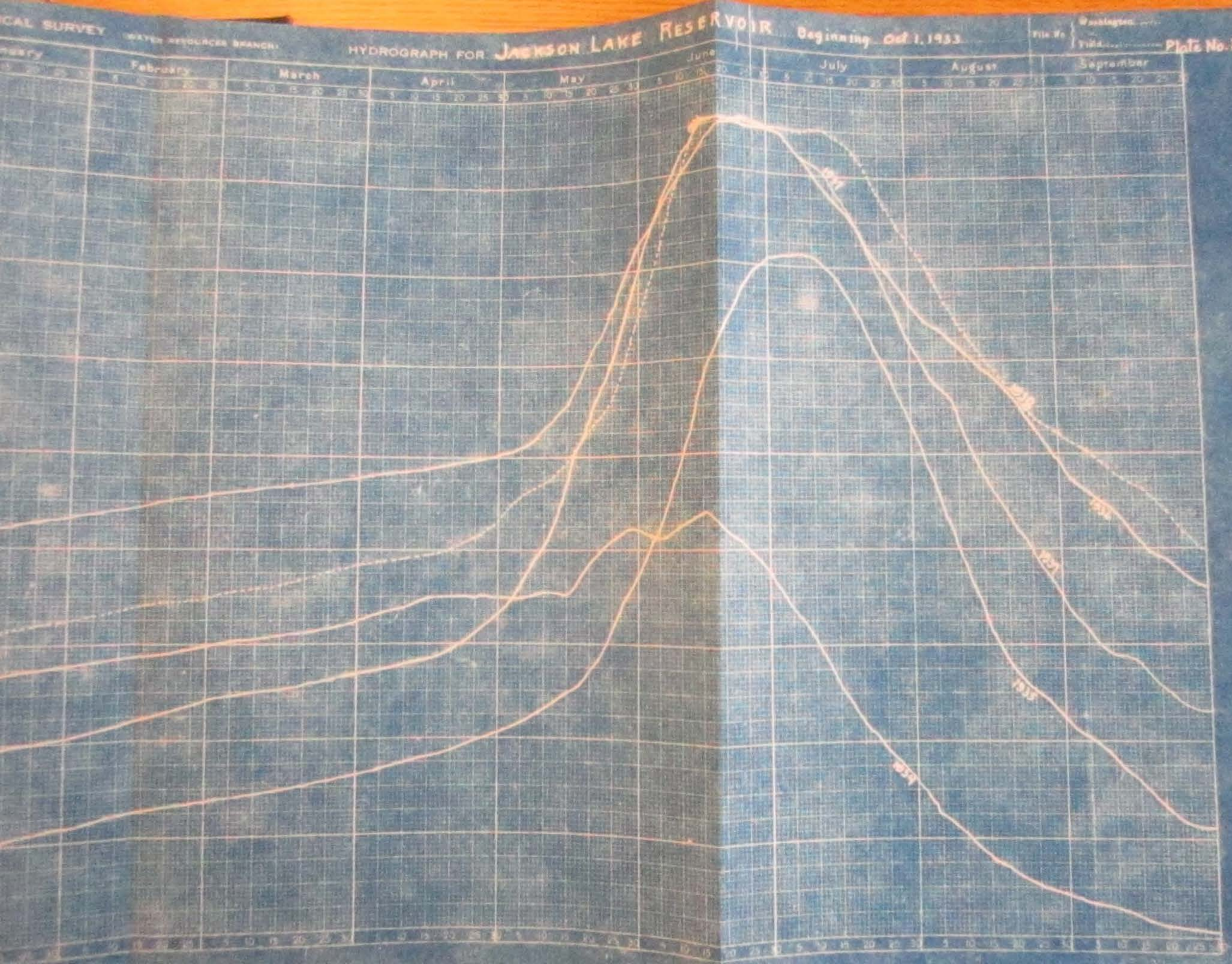
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY (WATER RESOURCES BRANCH)

HYDROGRAPH FOR JACKSON LAKE RESERVOIR

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





CAL SURVEY
(WATER RESOURCES BRANCH)
HYDROGRAPH FOR JACKSON LAKE RESERVOIR
Beginning Oct 1, 1933
File No.
Washington
Field
Plate No. 2
February
March
April
May
June
July
August
September

DEPARTMENT OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES BRANCH

HYDROGRAPH FOR AMERICAN FALLS RESERVOIR

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

1933-34

1934-35

Drawn by _____ Checked by _____ Date _____

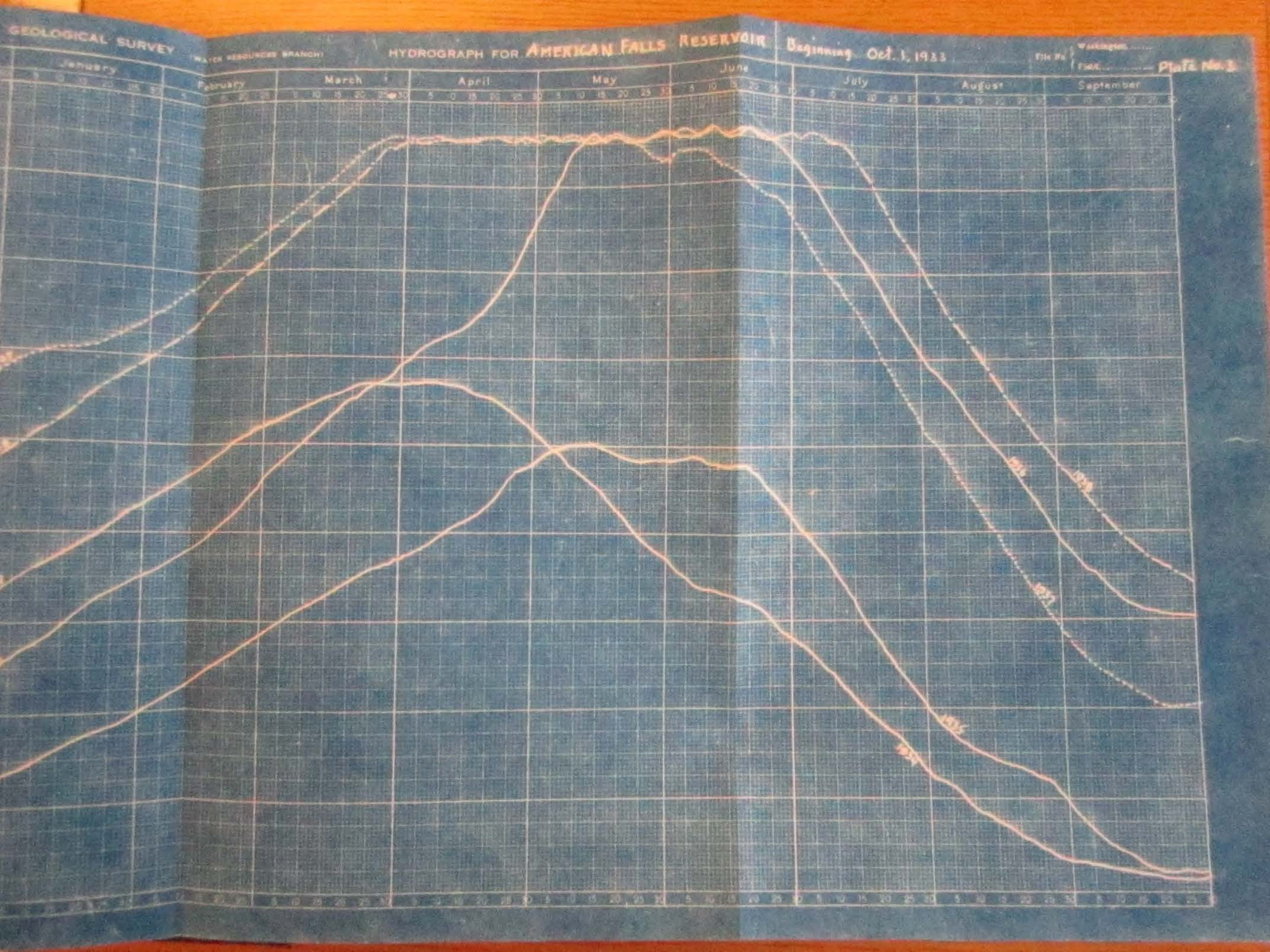
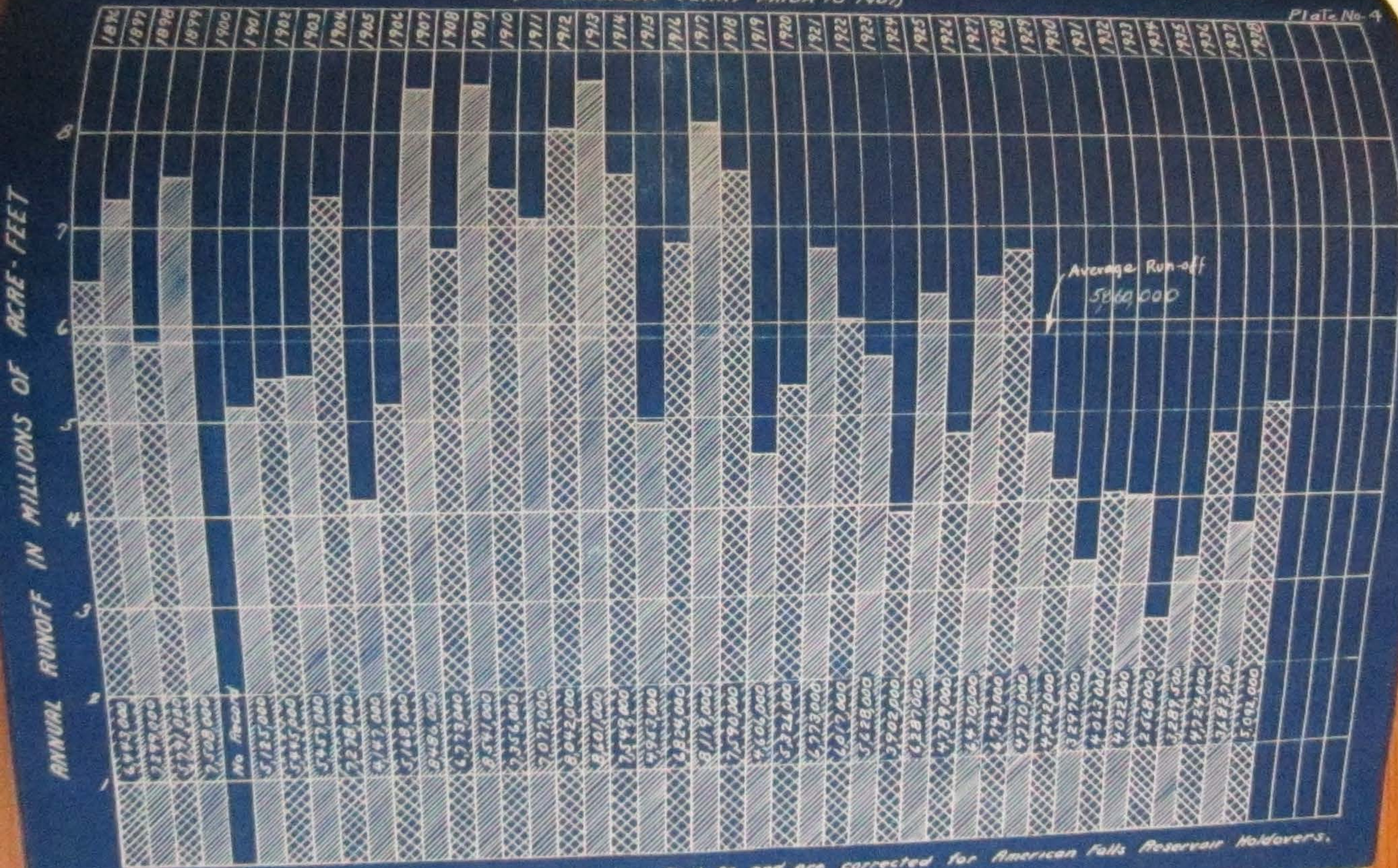

GEOLOGICAL SURVEY
(WATER RESOURCES BRANCH)
HYDROGRAPH FOR AMERICAN FALLS RESERVOIR
Beginning Oct. 1, 1933
File No.
Washington
Field
Plate No. 3
January
February
March
April
May
June
July
August
September

DIAGRAM SHOWING TOTAL ANNUAL RUNOFF IN ACRE-FEET OF SNAKE RIVER AT NEELEY, IDAHO
(MONTGOMERY FERRY PRIOR TO 1907)

Plate No. 4



Note: Runoff totals are for water year ending Sept. 30 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 ACRE-FEET

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

1,302,000	1904
780,000	1905
892,000	1906
1,270,000	1907
1,124,000	1908
1,461,000	1909
1,238,000	1910
1,344,000	1911
1,214,000	1912
1,436,000	1913
1,349,000	1914
749,800	1915
1,223,000	1916
1,238,000	1917
1,249,000	1918
485,280	1919
972,600	1920
1,048,000	1921
1,007,000	1922
944,580	1923
648,200	1924
1,328,000	1925
743,400	1926
1,416,000	1927
1,331,000	1928
864,100	1929
794,000	1930
575,800	1931
972,100	1932
878,100	1933
628,400	1934
933,700	1935
1,069,000	1936
779,400	1937
1,146,000	1938

Average 1907-1938

Note: Runoff totals are for water years ending Sept. 30 and are computed for Jackson Lake Reservoir.

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR MAY 1938

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
RILEY	0	0	0	0	0	0	0	0	0	0	0	0	20	7	7	30	32	35	12	11	7	7	10	10	12	25	27	18	22	16	16	334
ANDERSON	6	6	8	5	5	5	15	36	49	49	59	74	78	83	110	138	138	138	129	136	134	134	295	306	320	334	337	314	309	311	320	4381
EAGLE ROCK	15	15	15	15	15	15	15	15	15	16	16	16	15	17	17	17	18	18	18	18	18	18	18	16	116	332	317	317	257	287	294	2309
FARMERS FRIEND	13	15	15	15	15	15	15	15	15	15	15	15	138	143	143	143	200	250	300	325	350	375	375	380	382	380	380	380	370	350	325	5885
ENTERPRISE	0	53	53	53	53	53	53	53	53	53	53	53	53	53	60	80	110	140	170	170	170	172	172	175	175	175	175	175	175	175	175	3333
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4	48
MATTSON & CRAIG	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	12	12	12	12	12	12	12	12	16	22	22	22	22	22	272
BRANSBERGER	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	2	5	5	5	5	5	41
BUTLER ISLAND	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	34	36	37	38	40	41	42	42	42	42	42	42	42	24	58	797
ROSS & RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	5	6	6	7	8	8	49
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	5	7	9	11	11	11	11	12	12	12	108
HARRISON	0	0	0	0	0	0	0	0	0	107	281	236	380	414	414	414	414	177	177	177	180	180	185	190	220	250	296	291	310	330	340	5893
CHENEY	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	5	0	0	0	0	0	0	0	7	8	8	8	8	8	8	96
BOOMER	0	0	0	0	0	0	0	0	0	0	83	111	112	135	206	148	143	138	101	119	81	81	81	81	91	101	109	117	120	123	126	2407
RUDY	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	22	22	22	22	22	22	22	50	66	50	51	52	42	20	20	645
KITE & NORD	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	0	0	0	0	2	2	2	3	3	4	4	4	4	4	63
BURGESS	15	15	15	15	15	15	15	15	15	200	300	400	534	635	765	778	791	730	670	607	765	765	765	765	770	800	820	840	860	865	866	15426
CLARK & EDWARDS	30	30	32	32	32	32	32	32	32	32	38	40	42	43	45	46	47	48	51	54	56	59	61	64	68	72	56	60	66	73	75	1480
LOWDER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	20	30	40	45	45	48	48	355
JENNINGS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	8	8	8	8	8	8	62
EAST LABELLE	40	40	40	67	70	73	76	77	78	79	80	81	83	84	85	86	88	90	92	92	92	92	0	0	93	114	149	148	147	146	145	2627
SUNNYDELL	28	28	0	0	0	30	30	30	35	35	35	35	35	35	35	35	35	40	40	40	40	0	0	0	59	70	100	123	143	142	141	1349
REID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	52	52	54	75	80	76	93	110	161	154	176	191	180	169	1715
LENROOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	58	70	78	88	95	168	168	158	199	199	168	168	1660
TEXAS FEEDER	84	84	60	62	52	51	49	47	47	94	103	103	103	160	164	164	160	164	168	168	150	197	183	214	216	218	210	204	334	336	294	4644
NELSON COREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	11	11	11	11	66
HILL PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	5	5	5	5	5	6	6	6	6	6	6	6	77
RIGBY	8	8	8	8	8	8	8	8	8	8	8	8	86	86	126	126	126	132	132	132	128	134	162	162	170	188	188	199	198	189	205	2950
ISLAND	0	0	0	0	0	0	0	0	0	0	30	60	67	65	65	65	65	65	65	61	61	61	65	70	75	80	80	85	85	95	110	1475
DILTS	0	0	0	0	0	0	0	0	0	0	15	15	15	17	19	21	17	21	17	17	16	17	17	17	17	17	17	17	17	21	17	364
W. LABELLE & L. ISLAND	60	60	60	60	60	60	60	60	60	60	120	150	187	190	190	190	190	190	190	190	193	200	297	282	316	316	350	397	397	387	387	5919
PARKS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	135	153	157	184	127	163	190	220	192	203	214	241	253	217	297	300	280	268	168	292	4354
NORTH RIGBY	0	0	0	0	0	0	0	0	0	0	0	0	49	50	50	51	52	53	54	54	54	68	62	65	68	71	71	71	71	71	71	1136
WHITE	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	6	6	5	53
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	5	5	5	5	5	5	5	6	6	7	7	7	7	87
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	131
BUTTE & MKT. LAKE	0	0	0	80	86	93	93	93	142	146	150	157	172	180	184	187	210	194	194	194	194	240	247	254	260	276	284	285	286	266	292	5439
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	50	50	65	65	65	75	94	91	98	91	91	91	90	91	93	92	93	93	93	90	1667
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	4	40
SMITH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	24
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	6	6	6	6	6	6	6	6	6	30	40	45	45	45	45	45	369
IDAHO	0	0	0	0	0	0	0	0	0	0	244	287	381	410	432	559	559	503	452	332	379	427	559	616	674	674	788	790	790	794	796	11452
GREAT WESTERN	98	98	98	98	98	98	98	98	98	129	175	183	191	194	193	204	208	208	207	208	208	208	225	238	262	304	340	371	357	357	365	6217
PORTER	71	71	71	70	68	68	66	66	85	81	79	79	126	134	134	155	165	168	171	166	165	163	161	168	182	209	213	233	237	237	237	4299
COY & KELLER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17
WOODVILLE	21	21	20	30	30	30	30	30	30	29	29	28	30	30	30	39	52	39	45	41	41	41	55	55	58	57	57	64	64	67	69	1262
SNAKE RIVER VALLEY	39	67	67	67	67	107	148	148	148	0	0	191	260	319	402	475	414	314	148	215	255	325	325	428	546	565	617	631	603	563	558	9032
TOTAL HEISE TO SHELLEY	570	631	582	697	694	774	823	843	930	1178	1891	2590	3413	3771	4196	4465	4616	4297	4120	4037	4286	4549	4936	5247	5976	6600	6969	7159	7254	7163	7237	112463
RESERVATION	0	0	0	0	0	0	0	0	0	0	64	110	125	136	164	233	276	263	236	164	140	219	276	364	396	447	538	576	500	394	441	6070
BLACKFOOT	5	5	5	148	160	170	180	193	190	190	190	197	234	251	252	254	256	271	274	277	291	319	350	356	360	333	334	332	321	302	286	7266
NEW LAVA SIDE	15	15	15	16	16	16	16	16	30	59	64	64	61	71	77	90	70	62	71	81	110	109	115	129	145	160	152	139	120	113	119	2349
PEOPLES	90	97	97	99	100	120	160	208	242	287	305	309	303	379	448	354	341	332	332	298	276	282	318	345	391	469	505	513	518	509	504	9515
ABERDEEN-SPRINGFIELD	508	511	514	581	595	598	601	641	685	764	845	876	934	1000	1010	1010	921	924	930	830	817	817	825	810	927	985	1020	994	985	1006	1060	25537
CORBETT	6	18	30	30	30	60	70	70	80	90	105	114	115	126	136	136	137	147	157	157	157	157	157	157	167	177	177	178	182	182	182	3707
NIELSEN-HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	11	11	11	11	11	11	116
RIVERSIDE	68	69	36	36	40	50	50	50	70	80	90	92	95	100	100	100	104	105	105	110	110	110	110	110	114	116	118	120	120	121	98	2796
DANSKIN	117	117	112	107	101	97	93	87	83	108	140	165	177	190	202	155	107	112	117	130	145	160	175	140	201	202	195	190	185	175	171	4502
TREGO	0	0	0	0	0	0	0	0	0	0	0	0	0	35	41	53	46	41	29	45	39	36	44	53	58	61	64	56	60	63	64	889
WEARYRICK	31	31	31	31	31	31	32	32	32	32	32	32	34	50	60	68	66	65	65	65	65	65	65	60	60	60	60	58	60	60	60	1524
WATSON	40	44	46	51	51	51	46	46	46	54	63	52	81	93	97	79	99	101	103	96	90	86	83	93	97	101	105	108	112	102	100	2416
PARSONS	0	0	0	0	0	0	0	0	0	0	0	0	0	13	14	16	17	22	24	25	26	22	31	20	19	23	27	31	35	24	33	392
TOTAL SHELLEY TO CLOUGH	880	904	935	1058	1143	1183	1249	1544	1656	1864	1948	2007	2149	2404	2601	2519	2440	2445	2443	2292	2376	2342	2547	2757	2940	3126	3306	3306	3200	3056	3114	47114

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR JUNE 1938

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
RILEY	10	31	33	22	23	37	35	34	37	38	36	37	34	35	35	33	33	26	26	26	34	36	39	31	24	24	26	31	17	17	869
ANDERSON	323	321	323	335	311	381	350	332	337	355	355	338	352	362	362	332	327	324	321	332	310	387	387	273	264	265	219	212	201	196	9416
EAGLE ROCK	309	330	377	374	457	443	544	555	622	635	656	642	667	626	642	618	597	588	580	576	597	597	457	449	457	423	479	437	419	417	15462
FARMERS FRIEND	315	295	360	350	460	467	460	502	490	470	440	420	442	440	430	420	420	420	420	400	397	447	450	428	350	271	270	270	270	270	11440
ENTERPRISE	175	178	178	178	178	178	178	175	170	170	160	160	157	157	157	160	180	180	180	180	190	195	197	197	197	190	190	180	160	150	5275
NELSON	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	0	0	4	4	4	0	0	0	4	52
MATTSON & CRAIG	22	22	22	22	22	22	24	23	23	23	23	23	23	23	23	22	22	22	22	21	20	20	20	20	20	20	20	20	20	20	649
RANSBERGER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	3	3	3	3	3	138
BUTLER ISLAND	58	59	60	60	61	62	69	69	0	0	57	56	56	56	55	55	55	55	54	54	54	54	54	54	54	54	54	54	53	52	1588
ROSS & RAND	8	7	6	5	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	5	5	5	5	5	1	1	1	1	1	96
STEELE	11	11	11	12	12	13	14	15	15	15	15	15	16	15	15	14	14	13	13	13	13	13	13	12	12	11	11	11	11	11	387
HARRISON	352	428	571	550	540	528	553	631	657	631	605	559	513	528	478	439	518	480	443	404	453	503	579	490	342	333	264	273	310	242	14197
CHENEY	8	8	8	8	8	8	8	8	9	10	10	10	10	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	9	287
BOOMER	169	182	194	201	228	238	268	286	270	236	253	236	229	194	145	139	133	121	128	187	209	193	243	207	138	126	126	89	64	23	5455
RUDY	20	20	20	42	55	66	84	84	84	75	66	55	55	56	42	20	20	20	20	20	46	54	64	67	52	46	20	20	20	20	1328
HITE & NORD	5	6	6	7	7	7	7	7	7	7	7	8	8	8	7	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	183
BURGESS	900	940	981	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	944	900	850	809	678	725	778	888	973	985	1000	844	778	708	580	550	525	26336
CLARK & EDWARDS	77	80	82	86	86	88	90	92	95	99	100	100	100	102	87	84	81	79	91	90	93	96	102	105	108	113	99	97	95	93	2790
LOWDER	48	48	48	48	48	48	47	46	45	45	45	45	45	45	45	45	44	43	43	42	42	40	40	36	36	36	36	36	36	30	1281
JENNINGS	8	7	6	5	4	4	4	4	4	5	6	7	8	8	0	0	0	0	7	7	7	7	6	6	6	1	1	1	1	7	137
EAST LABELLE	147	148	153	154	156	158	160	160	160	160	160	162	163	164	165	166	154	141	141	142	142	140	130	120	116	116	116	120	130	143	4384
SUNNYDELL	143	145	147	149	153	157	161	165	176	168	168	168	168	168	155	167	177	168	158	148	143	165	164	163	162	146	37	28	28	28	4273
LENROOT	138	138	138	102	108	138	138	175	175	195	195	155	155	175	176	195	175	175	175	175	175	184	184	174	131	124	77	77	77	77	4496
REID	157	154	150	152	148	127	180	187	187	176	185	185	182	167	161	153	150	119	119	159	182	194	194	144	143	130	123	123	104	104	4639
TEXAS FEEDER	283	264	249	252	268	262	251	259	292	153	78	287	294	294	328	305	327	373	329	312	290	309	353	349	318	340	340	342	342	246	8739
NELSON COREY	11	11	11	11	13	15	17	19	24	27	27	27	27	27	27	28	28	28	28	28	28	28	29	29	29	29	29	29	29	20	713
HILL PETTINGER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	150
RIGBY	226	226	226	226	232	232	222	245	245	240	224	224	227	179	146	160	121	129	129	159	159	183	210	226	226	187	157	120	156	156	5798
ISLAND	118	124	138	131	132	130	130	140	150	157	149	150	150	152	155	152	152	154	157	152	146	163	166	169	157	160	140	140	141	135	4390
DILTS	17	32	21	21	19	21	29	29	24	29	29	29	24	24	24	21	24	29	24	24	24	24	24	24	19	19	14	15	11	15	683
W. LABELLE & L. ISLAND	410	408	456	397	440	440	438	429	486	464	475	502	551	502	421	427	469	502	491	481	502	497	497	491	497	518	518	513	513	513	14248
PARKS & LEWISVILLE	263	253	295	295	282	295	296	345	338	413	329	302	329	283	215	280	244	249	233	272	278	316	340	343	346	282	292	264	265	265	8702
NORTH RIGBY	70	70	70	68	66	62	59	59	60	65	70	70	75	78	76	60	52	56	60	63	67	70	73	78	82	75	70	44	44	44	1956
WHITE	6	6	6	7	7	7	7	7	7	7	8	10	12	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	306
ELLIS	7	7	7	6	5	5	5	5	5	5	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	0	0	0	190
BRAMWELL	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	258
BUTTE & MKT. LAKE	281	297	281	305	305	337	345	367	377	377	353	361	346	370	394	338	340	316	324	316	314	298	329	297	311	285	278	232	194	200	9472
OSGOOD	90	103	103	103	100	98	104	99	103	103	105	105	116	114	114	114	116	117	117	117	105	109	110	116	117	117	115	116	114	115	3275
BEAR ISLAND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	90
SMITH	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	35
KENNEDY	46	48	49	49	49	49	48	46	48	50	50	50	50	50	50	50	50	52	50	48	46	46	46	44	42	30	28	26	26	26	1342
IDAHO	794	764	764	794	855	918	1010	1100	1070	1040	947	915	915	915	915	915	915	886	855	906	922	922	858	797	797	797	752	737	742	737	26254
GREAT WESTERN	398	426	447	467	467	477	479	477	481	479	474	471	477	482	492	489	485	479	479	484	484	482	482	479	479	479	479	477	469	462	14163
PORTER	254	277	279	281	281	281	260	282	281	283	283	281	281	285	288	294	283	283	258	258	275	275	277	277	275	250	275	275	273	266	8271
COY & KELLER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30
WOODVILLE	69	65	65	65	65	65	66	63	27	63	57	52	70	70	71	74	74	74	74	61	61	61	61	65	65	0	0	73	73	73	1872
SNAKE RIVER VALLEY	581	617	602	587	587	623	657	682	691	673	548	422	491	536	512	512	560	522	486	468	450	514	497	415	454	475	475	475	475	465	16042
TOTAL HEISE TO SHELLEY	7579	7575	7841	7866	8193	8404	8804	9232	9356	9168	8694	8694	8864	8737	8387	8200	8212	7964	7819	7962	8204	8659	8725	8237	7708	7205	6845	6592	6482	6164	242348
RESERVATION	410	425	474	535	585	630	701	692	673	778	708	677	679	679	570	313	489	316	549	502	309	484	414	316	392	482	444	402	435	458	15715
BLACKFOOT	333	340	391	342	342	362	402	413	418	416	394	358	369	392	390	375	368	356	344	333	329	344	321	299	305	309	320	324	308	295	10542
NEW LAVA SIDE	117	106	133	127	121	143	161	174	170	171	166	148	134	148	154	134	130	120	112	111	118	118	132	139	146	146	153	153	154	155	4174
PEOPLES	513	509	511	512	558	539	556	534	577	582	581	548	542	553	513	518	526	490	513	513	467	475	465	444	444	467	456	479	456	460	15345
ABERDEEN	1110	1130	1160	1140	1220	1240	1240	1260	1260	1260	1240	1230	1230	1230	1100	1110	1130	1090	1090	1110	1100	977	618	618	619	651	1020	1060	1120	1100	32712
CORBETT	188	188	188	188	188	188	188	188	188	188	191	193	193	193	188	188	178	178	162	158	145	132	132	130	130	125	123	123	123	123	4994
NIELSEN-HANSEN	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10	8	6	6	6	6	6	6	6	8	10	12	14	14	14	310
RIVERSIDE	42	40	40	89	40	45	100	115	120	126	126	120	120	120	120	120	120	120	110	110	95	95	95	100	110	112	112	112	112	112	3248
DANSKIN	175	180	145	210	120	223	226	228	229	233	230	220	141	141	160	161	160	160	160	160	217	208	200	191	146	205	208	180	150	130	5657
TREGO	55	53	63	76	82	36	54	71	73	82	74	79	74	62	64	64	66	68	71	65	66	62	64	63	67	64	60	57	56	60	1453
WEARYRICK	63	63	63	63	63	63	63	63	63	63	63	60	60	60	60	60	60	60	60	50	40	34	34	40	30	60	60	60	60	50	1711
WATSON	99	100	102	103	104	104	104	104	104	105	103	97	105	108	111	110	108	106	108	106	105	51	91	95	99	102	100	98	96	94	3022
PARSONS	23	23	25	26	26	26	25	29	29	30	26	28	25	26	28	31	26	26	26	26	26	33	24	24	25	24	24	24	24	24	772
TOTAL SHELLEY TO CLOUGH	3192	3225	3333	3475	3541	3681	3852	3914	3916	4046	3911	3790	3704	3724	3561	3354	3369	3196	3317	3350	3023	3009	2596	2465	2590	2731	3092	3091	3108	3015	100195

DAILY DISCHARGE IN SEC.-FT. OF SNAKE RIVER CANALS FOR JULY 1938

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
BALY	3	3	3	3	3	3	3	3	3	3	21	28	34	29	29	29	29	37	36	34	34	34	34	29	28	17	18	18	16	12	13	601
ANDERSON	134	125	125	122	122	115	115	117	145	209	220	345	377	421	418	416	414	404	397	406	408	408	408	408	404	402	407	411	401	407	407	7437
EAGLE ROCK	409	405	379	377	377	296	296	292	287	289	285	282	664	682	682	683	673	677	677	677	675	675	675	675	675	681	673	673	673	565	565	16546
FARMERS FRIEND	260	250	240	238	229	195	195	195	195	195	263	298	403	371	405	406	405	398	387	415	415	411	411	378	378	378	378	378	378	378	378	10224
ENTERPRISE	130	120	120	80	63	60	60	60	70	90	105	154	194	198	200	201	200	198	183	182	180	178	176	121	120	116	148	126	125	123	122	4222
NELSON	4	4	3	3	0	0	0	0	0	3	3	3	3	3	3	3	1	0	0	4	4	4	4	0	0	0	0	0	0	0	4	58
MATTSON & CRAIG	20	20	20	20	20	10	10	10	18	18	18	18	21	22	22	20	20	20	20	20	7	7	7	7	7	7	7	7	8	8	8	447
ARNSBERGER	3	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	4	2	2	6	6	0	0	0	0	0	0	0	2	2	47
BUTLER ISLAND	48	45	45	45	45	45	45	48	49	49	50	55	52	52	52	52	52	52	52	57	57	50	50	50	50	50	50	50	51	50	50	1548
ROSS & RAND	1	1	1	1	3	3	3	3	3	3	3	9	6	6	6	6	6	6	6	5	7	6	5	5	5	5	5	4	6	5	6	140
STEELE	10	10	10	10	10	10	7	7	7	7	7	8	7	7	8	8	9	8	6	6	8	8	8	7	7	7	7	8	9	9	9	249
HARRISON	91	85	84	84	84	84	85	85	90	211	354	536	594	581	589	576	573	542	538	553	553	563	466	466	466	466	470	470	470	470	470	11749
CHENEY	7	6	6	6	6	6	6	6	6	6	5	7	7	8	7	8	7	8	7	7	7	7	7	7	7	7	7	8	8	8	8	213
BOOMER	23	23	23	23	23	23	44	65	80	120	187	192	208	125	149	149	152	149	148	139	139	139	139	135	137	137	143	140	143	144	145	3586
RUDY	16	16	16	16	16	16	16	16	20	24	28	36	50	52	52	53	52	54	51	51	49	48	49	48	49	48	49	46	51	52	56	1196
HITE & NORD	5	5	4	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	138
BURGESS	500	400	400	400	400	401	500	600	631	760	901	1020	910	946	950	955	950	940	914	910	924	928	932	906	897	897	900	879	857	853	848	24209
CLARK & EDWARDS	73	70	60	55	55	55	55	54	54	54	54	84	71	71	71	72	71	72	72	71	72	71	71	70	69	71	71	69	69	71	72	2070
LOWDER	30	20	8	8	8	8	8	8	8	8	14	20	32	46	52	50	50	50	50	50	50	44	51	51	46	42	51	46	47	46	44	1046
JENNINGS	7	6	0	0	0	0	0	0	0	0	0	3	3	6	3	5	5	6	6	6	8	6	6	6	6	6	6	6	6	6	6	124
EAST LABELLE	100	70	70	70	70	70	70	70	55	45	36	58	79	85	88	90	91	120	120	120	120	120	119	122	124	124	124	122	122	122	122	2918
SUNNYDELL	28	28	28	28	28	90	93	90	85	85	80	156	162	208	225	230	50	91	188	202	213	152	150	93	92	92	83	105	94	91	93	3433
LENROOT	68	68	68	51	51	51	43	52	52	69	67	104	106	176	225	210	207	176	201	203	190	190	175	126	107	94	82	87	136	172	162	3771
REID	85	85	85	77	77	76	77	76	75	74	74	119	176	167	174	176	176	169	162	167	168	150	152	138	133	130	116	151	157	160	141	3943
TEXAS FEEDER	294	287	279	264	274	272	271	268	266	265	264	272	269	257	257	262	262	266	244	255	259	268	266	266	266	262	266	245	240	240	243	8164
NELSON COREY	15	10	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	14	10	10	10	14	17	18	18	18	17	14	16	16	17	248
HILL PETTINGER	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	5	5	3	6	3	3	3	3	3	3	3	3	3	3	3	3	76
RIGBY	129	121	121	121	76	76	76	95	121	95	237	187	161	161	161	161	159	160	160	160	165	160	163	163	163	163	163	161	159	163	155	4516
ISLAND	122	122	122	122	122	122	122	122	110	100	95	162	121	125	150	150	150	145	164	169	170	176	194	185	185	153	150	153	162	162	159	4461
DILTS	13	13	13	13	13	13	13	13	10	5	5	28	25	24	24	23	23	22	22	23	20	26	25	24	23	22	21	20	24	23	23	589
W. LABELLE & L. ISLAND	400	350	340	340	330	330	330	330	320	310	294	475	432	443	448	448	481	481	516	516	518	516	516	516	516	516	502	491	494	497	497	13493
PARKS & LEWISVILLE	270	270	150	200	150	150	150	150	254	228	202	287	350	348	346	345	343	341	334	336	337	336	352	306	358	343	341	336	364	353	355	9086
NORTH RIGBY	45	45	45	45	45	45	45	45	45	42	39	60	50	50	50	49	49	49	48	48	47	48	51	50	48	50	50	48	49	50	50	1480
WHITE	12	6	6	6	6	6	12	12	13	13	14	15	5	6	6	6	6	6	5	5	6	6	6	6	6	6	5	4	4	5	3	223
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	5	5	5	4	4	4	4	4	4	4	4	4	4	67
BRAMWELL	7	6	6	6	6	6	6	6	6	6	2	10	11	10	8	8	8	8	4	10	10	11	10	10	10	10	10	10	10	10	9	255
BUTTE & MKT. LAKE	180	160	120	100	100	100	100	100	0	0	0	215	238	282	326	320	300	276	290	305	320	336	336	335	335	304	273	266	260	265	265	6807
OSGOOD	115	0	0	0	0	0	0	115	115	115	105	100	118	118	119	119	118	118	118	116	118	118	118	118	118	118	118	118	116	118	116	2909
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	3	3	2	3	3	3	2	3	3	3	2	0	0	0	35
SMITH	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	10
KENNEDY	26	0	0	0	0	0	0	19	19	19	19	34	54	53	52	52	51	51	52	53	44	36	38	44	51	46	40	40	41	40	39	1013
IDAHO	662	454	226	226	226	226	357	533	365	536	846	922	1060	1110	1190	1190	1180	1180	1160	1240	1240	1240	1250	1240	1230	1220	1220	1210	1260	1230	1220	28442
GREAT WESTERN	439	75	0	0	0	0	0	302	277	274	344	458	510	543	576	580	576	575	572	573	568	564	560	554	547	543	539	527	529	527	522	12652
PORTER	266	0	0	0	0	0	0	159	144	163	201	247	252	288	292	292	290	292	273	277	273	282	290	296	300	294	290	290	285	285	281	6596
COY & MELLER	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	19
WOODVILLE	71	71	29	29	29	29	29	29	27	26	51	55	67	91	91	93	93	94	91	93	69	70	71	73	75	72	68	68	68	68	68	1960
SNAKE RIVER VALLEY	377	288	0	0	0	0	61	259	361	351	420	689	735	775	784	769	781	765	742	737	748	727	712	667	677	577	673	689	695	697	700	16490
TOTAL HEISE TO SHELLEY	5901	4148	3360	3196	3074	2999	3310	4421	4367	4778	5922	7654	8615	9490	9249	9279	9076	9036	9054	9229	9234	9155	9086	8734	8685	8511	8588	8510	8628	8517	8444	221623
RESERVATION	434	346	159	100	124	120	117	112	108	147	447	592	600	590	604	625	621	615	608	596	612	614	618	615	615	615	602	585	596	615	612	14316
BLACKFOOT	243	230	226	200	200	200	200	200	220	240	265	332	388	385	424	433	406	377	368	353	375	342	400	362	359	364	368	370	372	403	382	10055
NEW LAVA SIDE	133	135	0	0	0	0	89	89	121	141	171	181	157	158	155	157	156	156	154	154	154	155	162	154	156	153	150	156	151	150	147	3795
PEOPLES	463	219	0	0	0	0	0	336	408	465	551	589	579	591	577	583	560	564	564	532	532	522	511	500	496	498	494	479	496	480	479	13059
ABERDEEN	1050	1030	937	886	873	870	836	851	930	1050	1160	1140	1130	1250	1260	1260	1260	1260	1260	1260	1260	1260	1350	1170	1160	1160	1150	1170	1190	1180	1200	32843
CORBETT	92	89	85	85	85	85	85	90	100	120	127	144	159	144	131	122	122	162	154	136	122	158	177	161	124	126	169	172	140	151	161	4082
NIELSEN-HANSEN	14	14	12	10	1	1	1	1	1	1	0	4	4	1	4	12	9	10	3	0	10	11	11	13	12	5	5	5	4	8	8	196
RIVERSIDE	110	110	110	100	40	90	90	90	100	120	134	128	106	104	0	0	111	113	108	117	124	123	118	121	115	115	115	114	110	116	118	3224
DANSKIN	104	0	0	0	0	50	50	50	100	183	243	222	140	178	188	189	180	181	174	156	162	194	203	218	190	192	178	176	182	179	183	4500
TREGO	64	27	21	21	27	24	34	33	38	54	52	76	54	58	52	68	63	0	54	53	66	75	76	79	87	82	72	66	63	64	71	1678
WEARYRICH	20	3	3	3	3	3	3	10	50	50	60	58	63	55	55	46	47	47	36	29	31	54	64	74	57	59	59	59	53	60	58	1292
WATSON	94	70	94	44	94	70	30	30	20	30	16	106	110	116	108	111	118	116	49	43	61	112	116	116	116	116	118	115	115	113	122	2817
PARSONS	23	0	0	0	0	0	10	10	20	19	15	28	21	27	23	21	21	20	19	10	16	26	26	22	23	24	24	23	23	21	22	575
TOTAL SHELLEY TO CLOUGH	2838	2272	1641	1499	1497	1513	1555	1912	2316	2620	3261	3655	3682	3657	3585	3677	3734	3621	3624	3424	3525	3708	3732	3604	3528	3569	3505	3490	3507	3548	3544	94692

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR AUGUST 1938

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
[illegible]	12	17	22	26	31	31	31	31	33	33	30	26	20	16	22	22	18	17	16	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	489
ANDERSON	400	387	349	366	382	349	371	390	389	394	375	381	365	358	354	333	347	328	326	321	339	335	347	336	335	310	310	294	272	271	267	10732
EAGLE ROCK	563	625	592	577	607	582	573	582	573	571	588	603	532	538	538	540	549	467	479	471	465	469	445	449	444	433	433	453	427	427	412	16191
FARMERS FRIEND	380	365	365	365	381	357	357	357	357	357	357	357	357	357	345	346	342	332	328	328	335	335	335	334	333	335	332	321	269	269	272	10622
ENTERPRISE	124	122	122	116	123	116	4	20	20	120	120	120	120	120	120	4	4	4	4	120	120	120	120	121	120	4	4	3	3	118	120	2476
NELSON	3	1	1	1	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
PATTERSON & CRAIG	16	14	11	11	13	9	9	9	9	8	8	8	8	8	9	12	8	9	8	9	9	9	9	9	9	9	7	8	8	8	8	283
[illegible]	2	0	0	3	6	0	0	0	0	0	6	6	3	2	0	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0	0	38
BUTLER ISLAND	50	49	49	50	50	50	50	49	49	49	49	49	49	48	47	48	47	46	46	46	48	48	49	49	49	47	47	47	47	47	47	1499
ROSS & RAND	6	5	5	5	6	5	5	4	4	0	0	0	4	5	6	5	5	5	4	4	4	4	4	5	4	4	4	3	3	3	3	124
STEELE	9	7	7	7	7	7	7	8	8	8	7	7	6	6	6	6	7	6	7	6	6	6	6	6	6	6	6	6	6	6	5	204
HARRISON	466	466	468	468	468	466	466	4	4	4	490	483	476	468	473	479	473	473	10	6	18	6	486	486	485	478	6	4	4	20	414	9618
CHENEY	8	7	6	7	7	8	8	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	5	6	6	6	5	197
BOOMER	144	148	149	148	145	150	156	146	146	145	144	146	140	139	138	137	135	133	133	128	134	135	129	131	130	129	131	122	113	113	106	4223
RUDY	56	54	52	52	54	56	55	52	52	53	53	56	55	54	53	53	51	49	48	48	51	52	60	59	54	55	56	56	57	42	31	1629
KITE & NORD	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	5	152
BURGESS	835	809	804	804	796	802	791	791	743	743	734	734	725	721	717	723	712	717	717	712	717	708	700	704	680	644	635	622	614	614	572	22290
CLARK & EDWARDS	71	69	68	68	67	65	67	71	70	70	71	71	70	70	70	69	69	67	70	70	70	69	69	68	68	68	68	69	69	69	71	2141
LOWDER	44	45	43	37	37	6	5	48	41	40	38	37	33	38	35	34	34	6	8	7	7	27	26	27	33	32	35	34	27	26	24	914
JENNINGS	5	4	4	5	5	3	3	3	0	0	0	0	0	0	6	6	5	4	4	3	3	3	3	3	0	0	0	0	5	5	5	87
EAST LABELLE	124	123	117	118	112	122	121	121	116	120	119	117	119	118	116	114	117	117	119	118	118	117	112	119	118	118	111	114	111	111	99	3616
SUNNYDELL	114	112	143	140	140	156	94	0	0	0	0	0	151	124	147	158	174	157	114	108	76	69	75	82	71	84	76	53	126	91	93	2928
LENROOT	139	137	139	139	148	140	137	134	133	133	61	51	51	51	87	106	97	105	146	154	135	88	118	114	103	82	73	75	79	77	74	3306
REID	130	157	146	146	157	157	134	134	135	147	134	145	133	128	128	128	134	138	134	122	126	120	107	110	107	110	105	48	41	94	98	3873
TEXAS FEEDER	247	247	212	206	204	197	200	200	204	204	208	234	232	226	236	243	217	216	212	216	212	212	212	212	208	219	208	210	206	210	210	6680
NELSON COREY	15	11	17	16	15	17	16	16	16	17	17	17	15	14	14	14	12	12	11	10	11	11	11	10	10	11	11	12	11	12	9	411
HILL PETTINGER	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	75
RIGBY	155	161	161	161	160	161	161	161	158	158	156	163	163	163	163	163	163	163	168	161	161	158	145	107	156	158	156	154	142	147	132	4839
ISLAND	159	138	138	149	160	184	184	192	170	174	166	160	153	155	150	152	153	143	167	186	95	96	111	111	104	111	121	115	115	115	104	4431
DILTS	23	16	15	26	28	30	28	30	26	28	22	19	16	18	19	19	22	20	28	22	0	2	2	19	22	21	30	0	2	2	0	555
W. LABELLE & L. ISLAND	497	481	475	470	497	513	513	513	515	520	470	462	432	421	429	432	437	417	440	437	454	405	384	376	376	371	389	397	385	384	374	13664
PARKS & LEWISVILLE	362	348	346	346	345	345	336	343	342	341	333	333	317	312	304	299	306	302	312	316	292	255	252	244	241	241	243	166	167	166	208	9063
NORTH RIGBY	49	49	51	50	50	50	49	50	50	49	49	50	50	50	50	49	49	48	56	48	50	50	49	49	48	47	48	48	46	46	45	1522
WHITE	3	6	5	6	6	6	5	6	6	8	6	8	7	8	4	5	6	3	8	7	7	6	6	6	6	6	7	7	7	7	5	189
ELLIS	4	4	4	4	4	4	4	4	4	4	3	2	3	3	3	4	4	4	5	5	5	5	4	4	4	3	3	4	4	4	4	120
BRAMWELL	9	10	6	8	9	9	9	9	9	10	9	8	8	9	8	8	6	7	8	8	9	9	9	9	8	7	8	8	9	9	8	260
BUTTE & MKT LAKE	282	269	262	259	256	257	258	259	264	268	291	262	256	250	230	230	230	222	214	204	211	211	211	211	211	176	211	211	0	0	0	6676
OSGOOD	115	116	116	116	116	117	117	117	116	115	118	118	118	117	117	117	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	3604
BEAR ISLAND	0	0	3	3	3	3	3	3	3	3	3	3	0	0	0	3	0	2	2	0	0	2	2	3	3	3	3	3	3	0	0	59
SMITH	2	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	16
KENNEDY	41	38	37	37	37	37	38	38	36	34	35	34	36	36	37	37	37	35	33	34	35	35	34	33	33	33	34	34	34	31	33	1096
IDAHO	1220	1210	1170	1150	1160	1180	1180	1170	1160	1060	1000	998	1010	1010	1010	915	821	821	849	837	830	944	925	1060	992	970	915	877	865	779	779	30867
GREAT WESTERN	512	505	498	504	504	502	498	497	471	469	466	465	455	457	452	450	447	445	450	450	445	436	434	436	431	429	426	423	414	406	409	14187
PORTER	275	230	254	246	254	266	273	256	235	235	236	239	239	232	225	236	246	240	219	246	250	254	253	252	249	246	244	242	241	238	233	7579
COY & KELLER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31
WOODVILLE	72	67	0	61	61	65	70	75	76	78	79	62	60	58	56	60	65	64	63	66	66	65	63	61	61	61	60	60	59	60	60	1934
SNAKE RIVER VALLEY	483	453	463	469	469	471	441	587	565	502	475	477	512	457	432	432	434	427	477	493	464	470	466	464	461	461	461	405	385	408	444	15808
TOTAL HEISE TO SHELLEY	8450	8185	8149	8194	8245	8313	8082	7511	7538	7347	7571	7526	7515	7381	7372	7226	7109	6901	6563	6657	6521	6498	6922	7030	6930	6673	6166	5855	5567	5411	5864	221328
RESERVATION	600	541	500	453	453	501	498	347	156	224	316	50	59	169	168	242	312	223	160	126	0	0	0	0	0	0	0	0	0	84	264	6347
BLACKFOOT	378	373	336	241	277	315	353	354	373	362	299	246	244	224	230	231	170	211	225	327	297	308	304	300	254	256	259	263	260	268	262	8450
NEW LAVA SIDE	150	152	147	148	148	146	150	150	138	148	130	147	141	134	125	130	135	136	137	135	127	135	133	136	132	135	145	144	146	147	137	4344
PEOPLES	471	475	473	482	475	479	498	460	460	448	446	442	442	0	0	0	0	442	435	433	437	436	437	435	435	438	427	431	427	0	0	11257
ABERDEEN	1150	1150	206	0	0	70	871	1010	1160	1120	1180	1150	1090	1040	478	408	879	889	873	876	857	808	792	745	817	842	842	823	817	792	768	25905
CORBETT	157	151	135	98	108	148	130	159	124	110	104	106	131	128	129	112	112	112	112	108	113	115	144	142	141	132	108	106	107	113	110	3803
NIELSEN - HANSEN	8	8	8	4	7	11	3	8	10	8	8	8	4	8	9	8	9	8	5	0	6	12	10	10	10	9	10	11	4	5	4	243
RIVERSIDE	116	116	116	114	112	111	110	110	111	110	106	107	107	108	106	104	103	99	95	92	96	98	97	94	94	111	111	113	112	112	111	3300
DANSKIN	180	181	179	170	163	170	183	169	176	144	165	170	164	161	174	150	148	163	157	135	174	190	185	183	177	172	183	162	167	162	166	5272
TREGO	60	58	63	58	54	62	69	71	69	68	72	70	66	65	66	64	66	61	65	60	78	68	67	69	63	70	73	61	63	60	63	2028
WEARYRICK	58	55	63	52	46	49	52	46	56	63	55	58	54	42	41	37	38	32	28	24	40	46	45	45	43	42	50	51	54	49	46	1462
WATSON	118	112	125	105	101	108	97	91	111	116	116	116	113	111	111	113	111	102	101	77	115	114	114	110	98	97	99	102	97	97	93	3271
PARSONS	22	21	20	18	20	20	21	21	18	19	19	19	16	16	16	17	16	14	12	13	18	16	16	16	17	16	16	14	14	13	12	526
TOTAL SHELLEY TO CLOUGH	3574	3549	2360	1998	1964	2190	3036	3011	2964	3045	2936	2689	2636	2211	2155	2116	2099	2492	2505	2400	2358	2346	2344	2335	2279	2313	2323	2281	2268	1984	2019	76780

DAILY DISCHARGE IN SEC-FT. OF SNAKE RIVER CANALS FOR SEPT. 1938

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
[illegible]	0	0	0	0	0	0	0	0	0	7	6	9	9	3	5	7	7	8	10	15	12	13	15	16	14	13	16	15	13	5	233
ANDERSON	264	269	259	281	278	283	261	258	262	272	256	241	238	233	220	218	221	283	296	236	243	244	287	280	274	259	264	260	226	236	7228
EAGLE ROCK	403	403	423	342	445	449	449	445	372	371	332	346	349	353	274	278	382	561	346	534	547	549	513	523	515	521	507	511	513	536	12218
FARMERS FRIEND	277	280	267	269	264	263	261	275	291	296	287	287	290	287	277	274	274	280	293	337	326	323	330	326	325	320	303	299	303	308	8187
ENTERPRISE	120	120	120	120	4	6	6	6	6	6	6	24	96	69	66	65	45	4	8	8	8	108	120	120	120	120	120	45	65	65	1910
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
MATTSON & CRAIG	7	7	8	7	6	7	5	13	7	5	4	4	4	2	1	2	8	7	6	10	7	7	7	12	12	7	6	5	7	6	196
HANSBERGER	0	0	0	0	0	0	0	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	42	47	46	46	46	46	42	47	48	47	44	43	43	42	42	43	42	42	43	43	43	43	45	44	45	44	43	44	44	43	1331
ROSS & RAND	4	7	6	6	6	6	5	5	5	5	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	3	2	2	3	3	114
STEELE	6	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	8	8	7	7	7	7	7	7	6	6	6	6	208
HARRISON	328	328	20	20	20	20	20	390	414	466	366	361	324	282	282	390	376	376	380	409	407	314	321	361	361	359	356	400	400	392	9243
CHENEY	6	6	6	6	6	6	6	5	5	4	4	4	4	4	4	3	3	4	4	4	4	4	6	5	6	6	5	5	5	4	144
BOOMER	111	106	111	111	112	112	112	101	102	102	102	102	102	102	101	82	84	84	84	108	102	103	102	102	102	102	100	101	101	101	3047
RUDY	35	34	35	36	36	36	22	11	11	11	12	25	25	26	24	22	40	41	41	41	41	40	41	41	41	41	38	41	41	41	970
KITE & NORD	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	104
BURGESS	534	534	535	534	538	605	609	639	652	648	661	661	661	661	648	648	671	661	657	661	665	657	661	661	661	657	652	652	652	648	19004
CLARK & EDWARDS	71	71	71	71	70	70	71	71	71	71	71	70	70	70	70	71	71	71	71	71	71	71	71	71	71	71	70	69	69	67	2115
LOWDER	26	8	6	6	4	4	2	2	2	2	2	2	26	26	24	29	40	42	43	46	45	46	45	45	45	45	30	39	40	39	761
JENNINGS	5	4	3	4	3	3	0	0	0	0	0	0	2	2	2	3	5	5	0	0	0	0	0	0	0	0	0	4	4	4	53
EAST LABELLE	106	106	108	109	108	106	106	97	94	94	96	96	97	96	95	92	116	117	117	117	117	117	117	114	117	118	116	115	114	110	3228
SUNNYDELL	103	78	72	71	66	62	67	95	87	60	37	51	45	67	104	101	99	114	134	144	126	126	170	104	89	81	141	140	138	101	2873
LENROOT	68	73	64	63	63	59	56	70	78	83	59	57	72	68	60	62	59	71	100	114	103	98	142	130	128	124	114	114	110	81	2543
REID	103	107	98	96	100	100	96	110	116	93	85	105	103	92	87	100	107	116	119	126	109	110	133	121	126	124	124	121	120	114	3261
TEXAS FEEDER	210	206	210	208	210	208	199	206	210	208	202	206	202	206	210	206	202	208	187	189	199	202	206	210	208	202	204	206	199	191	6120
NELSON COREY	10	7	5	3	3	3	2	2	9	10	6	11	5	5	2	2	1	2	2	3	2	2	2	2	2	2	2	1	1	1	110
HILL PETTINGER	2	3	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	55
RIGBY	141	148	147	156	156	153	155	145	158	159	160	160	160	169	170	172	169	172	172	169	172	172	172	164	160	168	168	165	172	167	4871
ISLAND	110	127	121	121	118	120	118	113	94	96	91	91	94	94	88	88	110	94	88	86	94	94	94	94	94	94	94	94	94	86	2994
DILTS	0	16	20	19	17	19	20	18	15	23	24	21	21	21	19	21	20	19	15	14	17	18	21	17	17	18	16	16	16	20	538
W. LABELLE & L. ISLAND	299	304	302	309	309	304	309	304	299	294	290	294	290	270	348	343	333	338	348	343	343	343	353	348	353	343	343	340	343	346	9690
PARKS & LEWISVILLE	223	223	206	179	182	226	226	220	236	198	239	233	172	268	299	275	295	280	306	316	309	288	266	252	245	285	285	261	257	252	7507
NORTH RIGBY	45	45	44	41	44	42	44	42	38	45	42	44	44	41	41	44	42	41	44	45	45	45	45	45	45	45	45	45	45	44	1307
WHITE	5	5	5	5	5	5	6	4	3	3	3	3	3	3	2	3	3	3	2	2	3	3	5	5	7	7	7	6	7	7	130
ELLIS	4	3	3	4	4	4	5	5	4	4	3	3	3	3	3	3	2	2	1	2	2	2	3	2	2	1	2	2	2	2	85
BRAMWELL	7	7	7	8	8	8	7	6	5	5	4	4	4	5	5	5	6	6	7	7	7	7	8	7	7	6	6	6	6	6	187
BUTTE & MKT. LAKE	0	0	126	126	126	142	157	162	166	153	140	126	134	140	133	126	133	140	147	168	188	170	154	157	160	162	198	154	170	184	4202
OSGOOD	116	116	115	114	113	112	112	115	118	118	118	118	118	118	118	118	118	118	118	116	116	116	118	118	118	118	118	118	118	118	3503
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	0	3	3	3	3	30
SMITH	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	2	0	0	0	1	1	0	0	0	0	0	0	0	0	9
KENNEDY	35	38	38	37	37	36	35	35	35	35	34	34	30	26	26	25	23	20	18	19	20	20	20	21	21	22	17	12	12	11	792
IDAHO	788	743	749	743	743	743	889	803	960	992	992	974	992	976	976	944	912	864	849	880	834	834	773	773	773	713	654	654	654	654	24750
GREAT WESTERN	409	404	403	402	402	394	392	392	392	390	389	350	306	286	274	241	242	248	244	248	250	226	214	232	229	208	178	186	186	186	8901
PORTER	237	241	238	234	231	228	225	228	231	232	232	233	222	211	202	193	192	190	189	195	201	192	184	180	175	170	165	159	157	155	6122
COY & KELLER	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	20
WOODVILLE	60	61	60	59	58	58	57	57	57	56	56	55	53	51	48	46	48	51	54	58	61	60	58	58	58	10	30	30	31	32	1531
SNAKE RIVER VALLEY	446	457	434	414	450	441	501	501	493	491	480	446	441	457	480	479	446	434	439	448	403	361	362	362	346	382	400	374	354	354	12836
TOTAL HEISE TO SHELLEY	5777	5755	5550	5361	5375	5484	5673	6050	6306	6307	6149	6184	6070	6051	6145	6142	6206	6085	6150	6375	6184	6147	6205	6143	6044	5997	5913	5845	5846	5751	179230
RESERVATION	411	440	432	446	478	510	581	275	0	0	0	0	43	207	202	158	0	0	0	0	0	0	0	0	0	51	36	98	107	104	4352
BLACKFOOT	276	267	270	261	262	302	291	297	319	293	250	237	199	194	250	0	72	182	226	245	259	194	182	182	194	182	182	184	194	220	6653
NEW LAVA SIDE	137	128	120	128	134	142	141	141	137	133	141	134	123	122	144	118	131	113	123	129	83	82	82	85	83	82	83	78	81	82	3405
PEOPLES	0	0	425	416	439	427	427	424	429	439	446	0	0	0	0	0	431	431	459	442	431	0	0	424	425	424	430	446	442	425	9092
ABERDEEN	534	561	518	554	563	549	455	451	701	683	674	674	684	724	719	514	0	0	0	0	0	0	0	136	742	751	742	848	814	817	15152
CORBETT	107	112	105	93	98	104	94	90	116	125	135	106	98	106	100	90	98	98	98	98	98	107	108	108	98	94	90	88	86	86	3025
NIELSEN-HANSEN	4	4	4	4	4	2	0	2	4	10	10	4	3	3	0	0	6	1	0	3	8	10	10	4	10	8	4	0	0	0	142
RIVERSIDE	110	112	73	99	106	101	101	112	116	115	121	120	119	112	108	110	114	108	95	97	82	88	83	83	83	81	80	78	92	92	2990
DANSKIN	176	184	184	165	165	158	150	139	150	157	165	162	170	170	134	146	157	130	133	152	165	174	99	99	98	94	86	82	116	114	4274
TREGO	62	63	59	54	58	63	48	48	58	58	56	56	54	52	48	49	50	45	46	54	52	53	52	45	44	42	41	44	50	50	1554
WEARYRICK	45	50	49	46	46	42	33	37	33	37	44	44	48	41	33	30	33	24	22	32	38	42	46	44	42	37	35	27	24	24	1120
WATSON	90	101	99	94	92	87	81	49	74	92	98	49	0	0	0	0	86	33	25	86	101	104	115	108	99	97	98	72	37	50	2192
PARSONS	12	15	14	18	19	17	15	12	14	17	18	18	20	15	18	17	15	10	3	16	18	19	20	20	19	19	15	12	11	11	467
TOTAL SHELLEY TO CLOUGH	2179	2249	2556	2486	2566	2620	2547	2187	2156	2169	2158	1461	1571	1756	1731	1332	1193	1175	1210	1354	1355	868	947	1353	1484	1475	2024	2064	2064	206	55349

STREAM	MAY 1	2	3	4	5	6	7	8	9	10	11	12	13	14
BIG JIMMY CREEK	31	31	31	31	31	31	31	31	31	31	31	31	31	30
PORTNEUF RIVER INFLOW BELOW POCATELLO	308	308	308	308	308	308	308	308	308	310	313	316	319	322
BIG SPRING CREEK	433	433	433	433	433	433	433	433	433	435	437	439	441	443
CLEAR CREEK	120	120	120	120	120	120	120	120	120	120	120	120	120	120
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KINNEY CREEK	28	28	28	28	28	28	28	28	28	28	28	28	28	28
WIDE CREEK	55	55	55	56	56	55	55	55	55	55	55	55	55	55
PYLE SPRINGS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
McTUCKER SPRINGS	24	24	24	24	24	24	24	24	24	24	24	24	24	24
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	7	7
TANNER SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PORTNEUF RIV AT POCATELLO	702	702	690	654	584	526	482	460	427	374	364	342	342	342
CRYSTAL DITCH	14	14	14	14	14	14	14	14	14	14	14	14	14	14
CRYSTAL WASTE	14	14	14	14	14	14	14	14	14	14	14	14	15	15
DANIELSON SPRINGS	50	50	50	50	50	50	50	50	50	50	50	49	49	48
ARTESIAN SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
STERLING WASTE	4	4	4	4	4	4	4	4	4	4	4	4	4	5
COLBURN WASTE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ABERDEEN WASTE	82	82	82	82	82	82	82	82	82	75	70	65	60	65
TARTAR WASTE	34	34	34	34	34	34	34	34	34	33	32	31	30	30
SCHILTZ WASTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEDAR WASTE	35	35	35	35	35	35	35	35	35	35	35	35	34	34
ROSS FORK	37	37	37	37	37	37	37	37	37	37	37	36	36	35
TRIPLE CREEK	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BANNOCK CREEK	37	37	37	37	37	37	37	37	37	35	33	31	30	28
RUEGAR SPRINGS	19	19	19	19	19	19	19	19	19	19	19	19	19	19
TOTAL MEASURED	2044	2044	2032	2038	1948	1890	1847	1824	1791	1732	1719	1692	1690	1682
UNMEASURED INFLOW	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
TOTAL INFLOW C-N	3364	3364	3352	3358	3268	3210	3166	3144	3111	3052	3039	3012	3010	3002
MONTHLY TOTALS														

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BIG JIMMY CREEK	30	30	30	30	30	30	30	29	29	29	29	29	29	29	28	28	28
PORTNEUF RIVER INFLOW BELOW POCATELLO	325	328	330	333	336	339	341	344	347	349	352	353	346	339	332	325	318
BIG SPRING CREEK	445	447	449	451	452	454	455	456	457	458	459	460	455	450	445	440	435
CLEAR CREEK	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KINNEY CREEK	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
WIDE CREEK	55	55	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54
PYLE SPRINGS	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
McTUCKER SPRINGS	24	24	24	27	27	27	27	27	27	27	27	27	27	27	27	27	27
HULL SPRINGS	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	7
TANNER SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PORTNEUF RIV AT POCATELLO	353	353	395	416	416	385	353	322	300	260	242	231	218	204	204	214	199
CRYSTAL DITCH	13	13	13	13	13	13	12	12	12	12	12	12	12	12	11	11	10
CRYSTAL WASTE	15	15	16	16	17	17	17	18	18	19	19	19	19	19	19	19	19
DANIELSON SPRINGS	47	46	46	45	44	44	43	42	42	41	41	41	41	40	40	40	40
ARTESIAN SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
STERLING WASTE	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	3
COLBURN WASTE	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3
ABERDEEN WASTE	50	45	40	40	39	38	37	36	35	34	33	32	32	31	30	29	28
TARTAR WASTE	30	30	29	29	29	29	29	28	28	28	28	28	24	20	16	12	10
SCHILTZ WASTE	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
CEDAR WASTE	34	33	33	32	32	31	31	30	30	29	29	29	25	20	15	10	5
ROSS FORK	35	34	33	33	32	31	31	30	29	29	28	27	27	26	26	25	24
TRIPLE CREEK	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4
BANNOCK CREEK	24	24	22	20	18	16	14	12	10	8	6	4	4	4	4	4	3
RUEGAR SPRINGS	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20
TOTAL MEASURED	1694	1690	1727	1746	1750	1718	1685	1652	1630	1589	1571	1558	1525	1488	1468	1457	1413
UNMEASURED INFLOW	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
TOTAL INFLOW C-N	3014	3010	3047	3066	3070	3038	3005	2972	2950	2909	2891	2878	2845	2808	2788	2777	2733
MONTHLY TOTALS																	

	JUN 1	2	3	4	5	6	7	8	9	10	11	12	13	14
BIG JIMMY CREEK	28	27	27	27	27	28	28	29	29	30	30	30	30	30
PORTNEUF RIVER INFLOW BELOW POCATELLO	311	304	298	299	300	301	303	304	305	306	308	309	307	305
BIG SPRING CREEK	430	425	421	426	431	437	442	447	452	458	461	466	471	476
CLEAR CREEK	120	120	120	120	120	120	120	120	120	120	120	120	120	120
FORD CREEK	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KINNEY CREEK	28	28	28	28	28	28	28	28	28	28	28	28	28	28
WIDE CREEK	54	54	54	54	54	54	54	54	54	55	55	55	55	55
PYLE SPRINGS	14	14	14	14	14	14	14	14	14	14	14	14	14	14
McTUCKER SPRINGS	27	27	27	27	27	27	27	27	27	27	27	27	27	27
HULL SPRINGS	7	7	7	7	7	7	7	7	7	7	7	7	7	7
TANNER SPRINGS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PORTNEUF RIV AT POCATELLO	199	193	179	197	134	132	129	121	114	97	98	94	91	89
CRYSTAL DITCH	10	10	9	8	8	8	8	9	9	9	9	9	9	9
CRYSTAL WASTE	19	19	19	19	19	20	20	21	21	22	22	22	22	22
DANIELSON SPRINGS	40	39	39	39	39	38	38	37	37	36	36	38	40	40
ARTESIAN SPRINGS	2	3	3	3	3	3	3	3	3	3	3	3	3	3
STERLING WASTE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
COLBURN WASTE	4	4	4	4	4	5	5	4	4	7	7	6	6	6
ABERDEEN WASTE	27	26	24	23	22	21	20	19	18	18	18	18	18	18
TARTAR WASTE	8	8	8	8	8	8	8	8	8	8	8	8	8	8
SCHILTZ WASTE	2	2	2	2	2	2	2	2	1	1	1	1	1	1
CEDAR WASTE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
ROSS FORK	25	24	24	23	23	25	27	29	31	33	35	34	37	38
TRIPLE CREEK	3	4	4	4	4	4	5	5	6	6	7	7	6	6
BANNOCK CREEK	3	3	3	3	3	3	2	2	2	1	1	1	1	1
RUEGAR SPRINGS	20	20	20	20	20	20	20	20	20	20	20	20	20	20
TOTAL MEASURED	1376	1310	1300	1308	1300	1290	1290	1290	1280	1280	1280	1280	1280	1280
UNMEASURED INFLOW	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320	1320
TOTAL INFLOW C-N	2696	2630	2620	2628	2620	2610	2610	2610	2600	2600	2600	2600	2600	2600
MONTHLY TOTALS														

TOTAL MAX 94,235

INFLOW TO AMERICAN FALLS RESERVOIR 193

CLOUGH TO NEELEY STATIONS

24 HOUR SECOND FEET

	MAY 1	2	3	4	5	6	7	8	9	10	11	12	13	14
	27	27	27	27	28	28	29	29	30	30	30	30	30	30
	311	304	298	299	300	301	303	304	305	306	305	303	301	299
	430	425	421	426	431	437	442	447	452	458	451	444	437	432
	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	28	28	28	28	28	28	28	28	28	28	28	28	28	28
	54	54	54	54	54	54	55	55	55	55	55	55	55	55
	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	27	27	27	27	27	27	27	27	27	27	27	27	27	27
	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	193	179	167	134	132	129	121	114	97	98	94	91	105	140
	10	9	8	8	8	8	9	9	9	9	9	9	9	9
	19	19	19	19	20	20	21	21	22	22	22	22	22	22
	39	39	39	39	38	38	37	37	36	36	38	40	42	45
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	4	4	7	7	8	8	8	8	8	8
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	27	24	24	24	23	22	21	20	19	18	18	18	18	18
	9	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	2	2	2	2	2	1	1	1	1	1	1	2	2
	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	24	23	23	25	27	29	31	33	35	36	37	38	38	39
	4	4	4	4	5	5	6	6	7	7	6	5	4	3
	3	3	3	3	3	2	2	2	1	1	1	1	1	1
	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	1287	1257	1234	1207	1215	1219	1223	1224	1210	1224	1214	1204	1311	1342
	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280
	2366	2337	2314	2287	2295	2299	2303	2304	2290	2304	2294	2284	2591	2622

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	JUL 1	2	3	4
	30	30	30	30	30	30	30	30	30	30	30	30	31	32	33	34	34	34	34	33
	297	295	294	300	306	312	318	324	330	336	344	341	338	335	332	330	328	324	324	322
	435	418	411	419	427	436	444	453	461	469	478	479	481	482	483	484	482	480	478	476
	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
	55	55	55	55	55	55	55	56	56	56	56	56	56	56	56	56	56	56	56	56
	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
	127	129	126	119	119	111	105	101	94	95	91	94	95	101	89	125	135	135	184	193
	10	10	10	10	10	11	11	11	12	12	12	12	12	13	13	13	13	13	13	14
	22	22	22	22	22	22	22	21	21	21	21	21	22	23	24	24	24	24	25	25
	47	49	51	50	49	47	45	43	41	39	38	42	46	50	55	60	60	60	60	60
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	7	7	7	7	7	7	7	6	6	6	6	6	7	8	9	10	10	10	10	10
	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3
	46	45	54	50	45	40	35	34	34	34	34	34	40	50	60	69	66	60	60	60
	10	14	16	18	20	22	24	26	30	34	39	30	24	18	12	8	8	8	8	8
	3	3	3	3	3	2	2	2	1	1	1	1	2	3	4	4	4	4	4	4
	4	4	8	6	4	2	1	1	1	1	1	1	1	4	8	8	8	8	8	8
	39	40	40	40	40	39	39	39	38	38	38	38	39	40	41	41	41	41	41	40
	3	2	2	2	2	3	3	4	4	5	5	5	4	3	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	1357	1361	1361	1363	1371	1371	1373	1382	1396	1408	1425	1421	1429	1453	1454	1501	1538	1534	1542	1557
	1280	1280	1280	1280	1280	1281	1290	1300	1310	1320	1320	1320	1320	1320	1310	1310	1310	1306	1306	1306
	2637	2641	2641	2643	2651	2652	2663	2682	2706	2728	2745	2741	2749	2773	2764	2811	2848	2844	2842	2864

TOTAL JUNE 79,777

	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	33	33	33	32	32	32	32	31	31	31	31	30	28	26	26
	320	318	316	314	312	310	308	306	304	302	300	298	296	294	292
	474	472	471	469	467	466	464	462	460	458	456	456	455	454	453
	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15
	27	27	28	28	28	28	29	29	29	29	29	29	29	28	28
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
	242	260	260	260	227	195	171	150	119	116	116	114	118	114	110
	14	14	15	15	15	16	16	16	17	17	17	16	15	14	13
	25	25	26	26	27	27	27	28	28	28	28	28	28	28	29
	60	59	59	58	58	56	54	52	50	50	50	50	49	48	47
	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
	10	10	8	6	4	4	4	4	4	4	4	4	4	4	5
	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
	60	60	50	40	30	20	19	18	17	16	15	15	15	16	16
	8	8	7	7	7	7	6	6	6	6	6	6	6	6	5
	4	4	3	3	3	2	2	2	2	2	2	2	2	2	3
	8	8	8	8	8	4	4	4	2	2	1	1	1	1	2
	40	40	39	39	39	38	38	37	37	36	36	36	35	34	33
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	1557	1551	1542	1537	1512	1462	1432	1403	1364	1351	1343	1343	1339	1328	1318
	1290	1290	1290	1290	1290	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280
	2847	2841	2832	2827	2802	2742	2712	2683	2644	2631	2623	2623	2619	2608	2598

RESERVOIR 1938

	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AUG 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Bl	33	33	33	32	32	32	32	31	31	31	31	30	28	26	24	23	21	20	20	20	21	21	21	22	22	22	22	23	23	23	24	24	24	25	25	25	26	26	26	27	27	28	28	29	29	29	30	30	30	30
Po	320	318	316	314	312	310	308	306	304	302	300	298	296	294	292	290	288	285	287	289	291	292	294	296	298	300	301	303	305	307	308	310	312	314	316	317	319	321	323	322	321	320	318	317	316	314	313	312	311	310
Bl	479	472	471	469	467	466	464	462	460	458	456	456	455	454	453	452	451	451	451	451	451	450	450	450	449	449	448	448	448	447	447	446	446	445	445	445	444	444	444	445	446	448	449	450	452	453	455	456	458	459
Bl	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	121	121	121	121	121	122	122	122	122	122	122	123	123	123	123	123	123	123	123	123	123	123	123	123	124	124	124
CL	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	7	7	7	7	7	7	7	7
Fo	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	27	26	26	26	26	26	26	26	26	26	26	26	27	27	27	27	27	27	27
Ki	56	56	56	56	56	56	56	56	56	54	56	54	54	56	56	56	57	57	57	57	57	57	57	56	56	56	56	56	56	56	56	56	55	55	55	55	55	55	55	55	55	55	55	56	56	56	56	56	56	56
Wi	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Py	27	27	28	28	28	28	29	29	29	29	29	29	29	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Mc	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	7	7	7	7	7	7	7	7
HU	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TA	242	240	240	240	227	195	171	150	119	116	116	114	118	114	110	106	103	99	95	84	82	74	70	94	97	100	85	85	89	85	74	73	82	75	67	71	86	71	70	65	65	70	73	71	70	70	69	73	80	80
PO	14	14	15	15	15	16	16	16	17	17	17	14	15	14	13	12	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	10	10
CR	25	26	26	26	27	27	27	28	28	28	28	28	28	28	29	29	29	29	29	29	29	29	29	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
CA	60	59	59	58	58	56	54	52	50	50	50	50	49	48	47	46	45	45	45	45	45	46	46	46	47	47	47	48	48	48	49	49	49	50	50	50	51	51	51	51	51	51	51	51	51	50	50	50	50	50
DA	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ST	10	10	8	6	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8
COL	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
AB	60	50	40	30	20	19	18	17	16	15	15	15	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	15	15	16	16	16	16	16	16
TA	7	7	7	7	7	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	6	6	6	7	7	7	7	8	8	8	8	8	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8
SC	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CE	8	6	6	4	4	2	2	1	1	1	1	1	2	2	3	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
RO	39	39	39	38	38	37	37	36	36	36	35	34	33	32	30	29	28	28	28	28	29	29	30	30	31	31	32	32	33	34	34	35	35	36	37	37	38	39	39	39	39	39	39	39	39	39	39	39	39	39
TR	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BA	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
RU	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
TOT	1299	1284	1268	1242	1196	1132	1063	1006	1051	1043	1043	1029	1028	1018	1008	998	988	985	981	977	979	973	971	994	997	1007	1004	1002	1007	1004	994	996	1004	999	1004	1023	1011	1012	1007	1007	1013	1015	1012	1014	1013	1014	1020	1022
UN	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280
TOT	2579	2564	2548	2522	2476	2412	2343	2286	2331	2323	2323	2309	2308	2298	2288	2278	2268	2265	2261	2257	2259	2253	2251	2274	2277	2287	2284	2282	2287	2284	2274	2276	2284	2279	2284	2303	2291	2292	2287	2287	2293	2295	2292	2294	2293	2294	2300	2302
MO																																																		

TOTAL JULY 83,024

TOTAL AUGUST BQ, BQ1

TOTAL SEPT

PLATE NO. 11

16	17	18	19	20	21	22	23	24	25	26	27
27	27	28	28	29	29	29	30	30	31	31	31
318	317	316	314	313	312	311	309	308	307	306	305
449	450	452	453	455	456	458	459	461	462	464	465
123	123	123	123	124	124	124	124	124	124	124	125
7	7	7	7	7	7	7	7	7	7	7	7
26	26	26	26	27	27	27	27	27	27	27	27
55	55	56	56	56	56	56	56	57	57	57	57
13	13	13	13	13	13	13	13	14	14	14	14
26	26	26	26	26	26	26	26	26	26	26	26
7	7	7	7	7	7	7	7	7	7	7	7
1	1	1	1	1	1	1	1	1	1	1	1
71	70	70	69	73	80	93	86	91	94	97	98
10	10	10	10	10	10	10	10	10	10	10	10
27	27	27	27	27	27	26	26	26	26	26	26
51	51	50	50	50	50	50	49	49	49	49	48
3	3	3	3	3	3	3	4	4	4	4	4
7	7	8	8	8	8	8	8	9	9	9	9
1	1	2	2	2	2	2	2	2	3	3	3
16	16	15	15	14	14	13	13	12	12	11	11
8	8	8	8	8	8	7	7	7	7	4	4
1	1	1	1	1	1	2	2	2	2	2	2
0	0	0	0	1	1	1	1	1	1	1	1
39	39	39	39	39	39	39	39	39	39	39	39
2	2	2	2	2	2	1	1	1	1	1	1
3	3	3	3	3	3	3	3	3	3	3	3
21	21	21	21	21	21	21	21	21	21	21	21
312	314	313	314	320	325	328	330	340	345	347	348
1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290
2623	2624	2628	2629	2630	2635	2647	2648	2649	2650	2651	2652

TOTAL AUGUST 80,801

SEP 1	2	3	4	5	6	7	8	9	10	11	12	13
33	33	33	32	32	32	32	31	31	31	30	30	29
298	298	298	298	299	299	299	300	300	300	301	301	301
474	474	474	474	473	473	473	473	472	472	472	472	471
125	125	125	125	124	124	124	124	124	123	123	123	123
7	7	7	7	7	7	7	7	7	7	7	7	7
28	28	28	28	28	28	28	28	28	28	28	28	28
57	58	58	58	58	58	58	58	58	58	58	58	58
14	14	14	14	14	14	14	13	13	13	13	13	13
24	24	24	24	24	24	24	24	24	24	24	24	24
7	7	7	7	7	7	7	7	7	7	7	7	7
1	1	1	1	1	1	1	1	1	1	1	1	1
98	102	110	108	104	101	98	100	102	85	98	102	101
10	10	10	10	10	10	10	10	10	10	10	10	9
26	26	26	26	26	26	26	26	26	26	26	26	26
48	48	48	48	48	48	48	48	49	49	49	50	50
4	4	4	4	4	4	4	4	4	4	4	3	3
9	9	10	10	10	10	10	10	10	7	7	7	7
3	3	3	3	3	3	3	3	3	3	3	3	3
11	10	10	10	10	10	10	10	9	9	9	9	8
4	5	5	5	5	5	5	5	5	4	4	4	4
2	2	2	2	2	2	2	2	2	2	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1
39	39	39	39	39	39	39	39	39	39	39	38	38
1	1	1	1	1	1	1	1	1	1	1	1	1
3	3	3	3	3	3	3	3	3	4	4	4	5
21	21	21	21	21	21	21	21	21	21	21	21	21
1348	1356	1364	1362	1358	1355	1352	1353	1356	1337	1348	1353	1350
1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
2647	2644	2642	2642	2648	2653	2650	2652	2653	2651	2640	2642	2641

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
29	28	28	27	27	27	26	26	26	26	26	26	26	26	26	26	26
302	302	302	303	303	304	304	305	305	305	305	305	305	305	305	305	305
471	471	470	470	470	469	469	469	469	469	469	469	469	469	469	469	469
122	122	121	121	121	121	120	120	120	120	120	120	120	120	120	120	120
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
100	111	107	104	101	100	98	98	101	97	98	114	116	104	101	100	99
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
26	26	26	26	26	26	26	24	26	29	26	26	26	26	26	26	26
56	53	53	54	54	55	55	56	56	56	56	56	56	56	56	56	56
1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
7	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	7	7	6	6	7	5	5	5	5	5	5	5	5	5	5	5
3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	35	38
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	7	7	8	8	9	9	10	10	10	10	10	10	10	10	10	10
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
1350	1352	1351	1353	1346	1343	1340	1338	1337	1337	1340	1336	1337	1353	1355	1343	1340
1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290	1290
2640	2642	2641	2643	2634	2633	2630	2628	2627	2627	2630	2626	2627	2643	2645	2633	2630

TOTAL SEPT. 79,228

DATE	JACKSON LAKE Contents Ac.Ft	MORAN			TWIN LAKES STORED	MORAN + TWIN LAKES STORED	MORAN TO HEISE LOSS STORED	DIVERSION MORAN TO HEISE STORED
		STOR.	NORM	TOTAL				
JUL 6	847 530							
7	848 510							
8	847 480							
9	849 020							
10	851 030							
11	850 820							
12	850 820							
13	849 790							
14	847 000	1553	2407	3960		1553	39	
15	843 920	1543	2417	3960		1543	39	
16	840 860	1412	2458	3870		1412	35	
17	838 040	1921	1869	3790		1921	48	
18	834 250	2100	1800	3900	28	2128	53	
19	829 410	3206	1754	4960	28	3234	81	
20	823 050	3827	1863	5690	29	3856	96	
21	815 440	4331	1839	6170	29	4360	109	
22	806 870	4730	1800	6530	29	4759	119	
23	797 020	5053	1817	6870	29	5082	127	
24	787 990	4629	2031	6660	30	4659	116	
25	778 960	4170	2150	6320	30	4200	105	
26	770 690	4144	1616	5760	30	4174	104	
27	762 470	4018	1512	5530	29	4047	101	
28	754 500	4638	1422	6060	29	4667	117	
29	745 300	4486	1634	6120	29	4515	113	
30	736 400	4492	1608	6100	29	4521	113	
31	727 490	4130	1500	5630	36	4166	104	
AUG 1	720 090	2823	1467	4290	36	2859	71	5
2	713 700	2970	1300	4270	36	3006	75	5
3	707 810	3387	1203	4590	36	3423	86	5
4	700 440	4650	1200	5850	36	4686	117	5
5	689 690	5190	1200	6390	36	5226	131	5
6	679 940	5030	1200	6230	36	5066	127	5
7	670 440	4680	1200	5880	36	4716	118	5
8	661 480	4630	1200	5830	36	4666	116	5
9	652 520	4880	1200	6080	36	4916	123	5
10	642 870	4900	1200	6100	35	4925	123	5
11	633 730	3835	1405	5240	35	3870	97	5
12	626 520	3256	1304	4560	34	3290	82	5
13	620 040	3252	1178	4430	34	3286	82	5
14	613 610	3400	1020	4420	33	3433	86	5
15	606 200	3300	1000	4300	33	3333	83	5
16	599 760	2957	973	3930	33	2990	75	5
17	594 060	2827	803	3630	33	2860	72	5
18	588 850	2753	717	3470	32	2785	70	5
19	583 390	3268	662	3930	32	3300	82	5

DATE	HEISE + RILEY			DIV. HEISE-SHELLEY			HEISE TO SHELLEY LOSS STORED	REXBURG	MARKET LAKE SPRINGS STORED
	STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL			
JUL 7									
8									
9									
10									
11									
12									
13			11234	810	7815	8625		2030	
14			11229	1053	7927	8980		1380	
15	1514	10615	12129	1472	7827	9299	74	1130	
16	1504	10925	12429	1441	7838	9279	73	1040	
17	1377	10852	12229	1414	7662	9076	67	874	
18	1873	9764	11637	1314	7722	9036	91	786	
19	2075	9161	11236	1240	7814	9054	101	705	
20	3153	8581	11734	1580	7649	9229	154	630	
21	3760	8474	12234	2401	6833	9234	183	571	
22	4251	8183	12434	2305	6850	9155	208	540	
23	4640	7794	12434	2350	6736	9086	226	562	
24	4955	7774	12729	2141	6593	8734	242	600	
25	4543	8185	12728	2055	6628	8683	221	685	
26	4095	8422	12517	1814	6697	8511	200	755	
27	4070	7658	11728	2177	6411	8588	198	760	
28	3944	7272	11218	2258	6252	8510	192	700	
29	4550	6968	11518	2285	6343	8628	222	695	
30	4402	7010	11412	2177	6340	8517	215	725	
31	4408	6905	11313	2146	6323	8469	215	690	
AUG 1	4042	6950	11012	2136	6314	8450	198	630	
2	2783	6814	9597	2047	6238	8285	136	580	
3	2926	6316	9242	2124	6025	8149	142	558	
4	3332	5914	9246	2089	6107	8196	142	540	
5	4564	5567	10131	2149	6146	8295	222	526	
6	5090	5542	10632	2148	6165	8313	248	512	
7	4934	5497	10431	2183	5899	8082	240	494	
8	4593	5538	10131	1614	5897	7511	224	476	
9	4545	5480	10025	1621	5717	7338	221	504	
10	4788	5334	10122	1614	5483	7097	233	546	
11	4807	5413	10220	1772	5299	7071	234	615	
12	3768	5908	9676	1760	5766	7526	184	635	
13	3203	5687	8890	1814	5701	7515	156	655	
14	3199	5587	8786	1626	5755	7381	156	735	
15	3342	5390	8732	1509	5863	7372	163	896	
16	3245	5387	8632	1337	5889	7226	158	1000	
17	2910	5348	8258	1319	5790	7109	142	1070	
18	2783	5134	7917	1173	5728	6901	136	1040	
19	2710	4896	7606	699	5864	6563	132	1020	
20	3213	4557	7770	820	5837	6657	157	1070	

DATE	SHELLEY	
	STOR.	NORM.
JUL 8		
9		
10		
11		
12	0	
13	0	49
14	-810	608
15	-1061	581
16	-31	516
17	-10	507
18	-184	493
19	448	25
20	784	28
21	1419	24
22	1176	30
23	1738	28
24	2044	28
25	1572	28
26	2267	3
27	2081	3
28	1695	3
29	1496	
30	2043	
31	2010	
AUG 1	2047	
2	1728	
3	600	
4	660	
5	1081	
6	2193	
7	2694	
8	2511	
9	2355	
10	2703	
11	2741	
12	2801	
13	1824	
14	1233	
15	1827	
16	1470	
17	1750	
18	1949	
19	1674	
20	1875	
21	2236	

DAILY SUMMARY OF DATA AT AND BETWEEN

24 HOUR SECOND FEET EXCEPT AS NOTED

JACKSON LAKES Contents Ac. Ft.	DATE	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL	DIV. SHELLEY-BLACKFOOT STOR.	DIV. SHELLEY-BLACKFOOT NORM.	DIV. SHELLEY-BLACKFOOT TOTAL	SHELLEY BLACKFOOT LOSS STORED	THEORETICAL BALANCE STORED AT BLACKFOOT	BLACKFOOT RIVER	CLOUGH STOR	CLOUGH NORM.	CLOUGH TOTAL	CALCULATED INFLOW CLOUGH TO NEELEY	DATE	AM. FALLS RESERVOIR Contents Ac. Ft.	NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	LAKE WALCOTT Contents Ac. Ft.
	JUL 8														JUL 9	1 707 280				
	9														10	1 705 680				
	10														11	1 701 130			16400	
	11														12	1 700 560			13500	
	12	0											12500	2756	13	1 697 760	1997	9003	10500	
	13	0	4930	4930	174	3506	3682						9370	2712	14	1 689 350	3380	6920	11306	
	14	-810	6080	5270	185	3472	3657	-40	-176	14	-176	4274	4100	2683	15	1 675 700	5444	5856	11300	
	15	-1053	5853	4800	212	3373	3585	-74	-935	9	-995	3225	2230	2644	16	1 662 020	5748	5152	11100	
	16	-32	5152	5120	225	3452	3677	-15	-1189	11	-1189	2529	1340	2631	17	1 649 310	6945	4135	11100	
	17	-10	5070	5060	175	3549	3724	-11	-242	33	-242	1512	1270	2623	18	1 633 830	7337	4163	11500	
	18	-104	4934	4830	150	3471	3621	-15	-174	22	-174	1544	1370	2619	19	1 618 910	7683	4217	11900	
	19	468	3572	4040	141	3485	3626	20	-239	51	-239	1609	1370	2608	20	1 603 120	8562	3238	11800	
	20	734	2836	3570	108	3321	3429	38	307	36	307	640	947	2598	21	1 584 440	9024	2776	11800	
	21	1419	2481	3900	116	3409	3525	28	588	28	286	188	474	2588	22	1 567 710	9053	2747	11800	
	22	1176	3014	4190	508	3200	3708	40	1225	9	65	169	234	2578	23	1 549 050	8968	2732	11700	
	23	1938	2402	4340	1370	2362	3732	22	628	4	56	164	220	2568	24	1 530 420	8969	2731	11700	
	24	2044	2626	4690	1446	2158	3604	37	346	5	210	165	375	2566	25	1 514 040	8975	2725	11700	
	25	2792	2498	5270	1432	2088	3520	68	581	8	516	168	684	2557	26	1 499 170	8974	2726	11700	
	26	2269	3213	5480	859	2650	3509	84	1072	7	1083	167	1250	2559	27	1 483 770	8982	2718	11700	
	27	2081	3159	5240	845	2660	3505	74	1324	5	1545	165	1710	2553	28	1 470 370	8985	2715	11700	
	28	1695	2775	4470	1228	2262	3490	28	1162	4	1536	164	1700	2551	29	1 456 190	8953	2747	11700	
	29	1496	2744	4240	1267	2240	3507	14	439	9	1151	169	1320	2578	30	1 438 740	8852	2748	11600	
	30	2043	2247	4290	1272	2268	3540	46	215	5	603	165	768	2583	31	1 421 790	8846	2754	11600	
	31	2010	2330	4340	1570	1992	3562	26	725	6	525	166	691	2588	AUG 1	1 405 340	8956	2744	11700	
	AUG 1	2047	2143	4190	1608	1966	3574	26	414	10	620	170	790	2574	2	1 382 140	9129	2771	11900	
	2	1728	2072	3800	1607	1936	3543	7	413	34	588	194	782	2577	3	1 370 640	9028	2772	11800	
	3	600	2030	2630	555	1805	2360	3	114	25	457	185	642	2587	4	1 351 940	8941	2759	11700	
	4	660	1640	2300	458	1540	1998	12	42	15	242	175	417	2584	5	1 334 120	8752	2748	11500	
	5	1081	1219	2300	451	1513	1964	38	190	10	230	170	400	2578	6	1 316 790	8560	2740	11300	
	6	2193	587	2780	563	1427	2190	98	592	4	140	164	304	2576	7	1 300 540	8351	2749	11100	
	7	2494	596	3290	1366	1670	3036	80	1532	2	94	162	256	2587	8	1 284 960	8050	2750	10800	
	8	2511	909	3420	1505	1506	3011	60	1248	6	194	166	360	2584	9	1 268 880	7903	2797	10700	
	9	2755	955	3710	1610	1352	2962	68	946	58	58	218	276	2579	10	1 255 250	7692	2808	10500	
	10	2703	1267	3970	1644	1451	3095	64	1077	44	238	224	462	2584	11	1 241 890	7684	2814	10500	
	11	2741	1299	4240	1622	1314	2936	79	995	51	543	211	754	2603	12	1 227 930	7819	2781	10600	
	12	2801	1189	3990	1568	1121	2689	74	1240	30	820	190	1010	2591	13	1 209 230	8033	2767	10800	
	13	1824	1636	3460	1529	1107	2636	18	1159	15	1055	175	1230	2592	14	1 194 620	8344	2756	11100	
	14	1233	1827	3060	1035	1176	2211	12	277	9	921	169	1140	2587	15	1 181 910	8447	2753	11200	
	15	1417	1673	3090	974	1181	2155	27	184	6	844	166	1010	2587	16	1 166 840	8423	2777	11200	
	16	1670	1460	3130	887	1229	2116	47	416	24	722	184	906	2593	17	1 151 040	8331	2769	11100	
	17	1750	1460	3210	858	1241	2099	54	736	14	816	174	990	2595	18	1 132 140	8343	2757	11100	
	18	1449	1421	2920	1309	1183	2492	8	838	5	757	165	922	2592	19	1 115 660	8341	2759	11100	
	19	1474	1116	2590	1284	1219	2505	11	132	5	431	165	596	2594	20	1 105 640	8031	2769	10800	
	20	1879	761	2640	1285	1115	2400	34	177	6	184	166	350	2603	21	1 089 410	7930	2770	10700	
	21	2236	674	2910	1273	1085	2358	58	558	4	74	164	238	2604	22	1 074 980	7424	2776	10200	
									905	6	102	166	268	2610						

AND BETWEEN SNAKE RIVER GAGING STATIONS 1938

ND FEET EXCEPT AS NOTED

JACK LAK	FALLS RVOIR	NEELEY			LAKE WALCOTT	MINIDOKA			CANALS		HOWELLS			DATE	MILNER LAKE GAGE	GOODING	PROJECT	NORTH SIDE CANAL CO.					TWIN F
	ds Ac Ft	STOR.	NORM.	TOTAL	Contents Ac Ft	NORTH	SOUTH	TOTAL	STOR.	NORM.	STOR.	NORM.	TOTAL			STOR.	NORM.	TOTAL	CANONE	AA.	MAIN	TOTAL	STOR.	NORM.	STOR
	780 280				98320									JUL. 10	10.84	0							
	705 600			16400	97350								15800	11	10.88	0	1090	1090	880					
	701 120			13500	97110	879	443	1322	0	1322			12500	12	10.91	0	1100	1100	880	56	2920	3336	0	3256	
	700 560	0	9550	9550	97590	1140	689	1849	0	1849			8200	13	14.90	0	1090	1090	880	56	2520	3336	0	3256	
	697 740	1477	9003	10500	95470	1460	919	2379	0	2379			8090	14	11.11	1130	0	1150	910	61	2680	3594	0	3444	
	687 350	4380	6920	11300	94490	1630	1330	2860	134	2726	1813	6277	8090	15	11.06	1290	0	1290	920	61	2710	3681	0	3551	
	675 700	5444	5856	11300	94490	1680	1310	2990	1244	1726	3246	5194	8440	16	10.92	1330	0	1330	890	61	2660	3681	681	3000	
	662 020	5748	5152	11100	95430	1660	1310	2980	1254	1726	3800	4130	7930	17	10.71	1320	0	1320	870	61	2570	3521	1391	4794	
	649 310	6965	4135	11100	95470	1650	1300	2960	1234	1726	4424	3426	7850	18	10.62	1330	0	1330	880	61	2520	3421	1391	4810	
	633 830	7337	4163	11500	95310	1650	1300	2950	2215	735	4560	3400	7960	19	10.74	1340	0	1340	890	61	2550	3491	3091	4826	
	618 910	7683	4217	11900	94600	1650	1310	2960	2197	763	5020	3400	8420	20	10.98	1360	0	1360	900	61	2640	3681	3181	4900	
	603 120	8562	3238	11800	94720	1670	1350	3020	2183	817	5320	3400	8720	21	11.02	1360	0	1360	900	61	2690	3751	3351	4900	
	584 440	9024	2774	11800	95430	1680	1340	3020	3020	0	5312	3238	8550	21	10.84	1350	0	1350	880	61	2670	3631	3241	4880	
	566 710	9053	2747	11800	94150	1680	1340	3020	3020	0	5374	2776	8170	22	10.73	1350	0	1350	880	61	2680	3621	3295	4826	
	549 050	8968	2732	11700	94370	1680	1350	3030	3020	0	5373	2747	8120	23	10.72	1350	0	1350	880	61	2720	3661	3338	4883	
	530 420	8969	2731	11700	96030	1680	1350	3030	3030	0	5458	2732	8390	24	10.82	1380	0	1380	890	61	2740	3681	3346	4881	
	516 040	8975	2725	11700	95180	1680	1350	3030	3030	0	5847	2731	8580	25	10.98	1400	0	1400	900	61	2790	3791	3430	5241	
	499 170	8974	2726	11700	94490	1680	1310	2990	2990	0	6135	2725	8860	26	10.92	1400	0	1400	900	61	2760	3721	3460	5320	
	483 990	8982	2718	11700	94490	1680	1310	2990	2990	0	5744	2724	8690	27	10.96	1400	0	1400	900	61	2760	3721	3460	5320	
	470 370	8985	2715	11700	94250	1680	1290	2970	2970	0	5932	2718	8670	28	10.96	1400	0	1400	900	61	2710	3671	3351	5320	
	454 190	8953	2747	11700	94720	1680	1320	3000	3000	0	5865	2715	8580	29	10.96	1400	0	1400	900	61	2690	3651	3232	5269	
	438 760	8853	2748	11600	94600	1680	1330	3010	3010	0	5783	2747	8530	30	10.93	1390	0	1390	890	61	2680	3641	3218	5228	
	421 290	8846	2754	11600	94250	1680	1340	3020	3020	0	5722	2748	8470	31	10.90	1390	0	1390	890	61	2700	3661	3238	5228	
	405 340	8956	2744	11700	94250	1680	1340	3020	3020	0	5716	2754	8470	AUG 1	10.91	1400	0	1400	900	61	2690	3651	3247	5241	
	382 140	9129	2771	11900	93550	1620	1340	2960	2960	0	5694	2744	8440	2	10.61	1380	0	1380	880	61	2660	3601	3278	5222	
	370 040	9028	2772	11800	95180	1560	1340	2900	2900	0	5839	2771	8610	3	10.90	1400	0	1400	890	61	2630	3571	3245	5226	
	351 940	8941	2759	11700	95550	1520	1300	2820	2820	0	5648	2772	8420	4	10.88	1400	0	1400	890	61	2610	3561	3235	5226	
	334 120	8752	2748	11500	96510	1490	1250	2740	2740	0	5601	2759	8360	5	10.86	1390	0	1390	890	61	2580	3531	3207	5224	
	316 790	8560	2740	11300	96870	1490	1250	2740	2740	0	5592	2748	8340	6	10.84	1340	0	1340	890	61	2560	3651	3228	5221	
	300 540	8351	2749	11100	97110	1490	1250	2740	2740	0	5600	2740	8340	7	10.84	1230	0	1230	900	61	2610	3671	3249	5282	
	284 960	8050	2750	10800	96870	1480	1250	2730	2730	0	5481	2749	8230	8	10.92	1220	0	1220	910	61	2680	3671	3248	5223	
	268 880	7903	2797	10700	95710	1480	1280	2760	2740	0	5560	2750	8310	9	10.94	1220	0	1220	900	61	2700	3581	3228	5223	
	255 750	7892	2808	10500	95710	1470	1250	2720	2720	0	5403	2797	8200	10	11.00	1190	0	1190	890	61	2580	3531	3201	5229	
	241 840	7686	2814	10500	95430	1470	1230	2700	2700	0	5132	2808	7930	11	10.89	1170	0	1170	900	61	2640	3581	3241	5300	
	227 930	7819	2781	10600	94950	1480	1240	2720	2720	0	4926	2814	7740	12	10.77	1170	0	1170	900	61	2630	3561	3221	5282	
	209 230	8033	2767	10800	94020	1480	1250	2730	2730	0	5039	2781	7820	13	10.51	1160	0	1160	870	61	2560	3491	3166	5265	
	194 620	8344	2756	11100	93770	1490	1250	2740	2740	0	5243	2767	8010	14	10.50	1170	0	1170	870	61	2570	3521	3187	5274	
	181 910	8447	2753	11200	94720	1490	1220	2710	2710	0	5414	2756	8170	15	10.64	1180	0	1180	880	61	2590	3541	3212	5296	
	166 840	8423	2777	11200	95180	1490	1250	2740	2740	0	5467	2753	8200	16	10.76	1170	0	1170	900	61	2580	3541	3125	5226	
	151 060	8331	2769	11100	95550	1490	1260	2750	2750	0	5393	2777	8170	17	10.84	1170	0	1170	900	61	2580	3521	3164	5225	
	132 160	8343	2757	11100	95310	1490	1250	2740	2740	0	5321	2769	8090	18	10.76	1170	0	1170	890	61	2570	3521	3094	5254	
	115 560	8341	2759	11100	95430	1490	1220	2710	2710	0	5393	2757	8150	19	10.77	1170	0	1170	890	60	2570	3491	3066	5224	
	105 640	8031	2769	10800	96390	1490	1210	2690	2690	0	5411	2759	8170	20	10.86	1170	0	1170	900	60	2570	3491	3095	5225	
	089 410	7920	2770	10700	96430	1480	1210	2690	2690	0	5191	2769	7960	21	10.89	1160	0	1160	890	60	2550	3491	3064	5246	
	074 980	7824	2776	10200	96870	1490	1230	2720	2720	0	5000	2770	7770	22	10.89	1130	0	1130	890	60	2520	3451	3018	5224	
											4854	2776	7630	23	10.90	1120	0	1120	890	60	2520	3451	3018	5224	

PLATE NO. 12

DATE	JACKSON LAKE Content	G PROJECT RVOIR Acc	NORTH SIDE CANAL CO. NORM.	TOTAL	GOODING	RA.	MAIN	TOTAL	STOR.	NORM	TWIN FALLS CAN. CO. STOR.	NORM.	TOTAL	MILNER LOW LIFT STOR.	NORM.	TOTAL	SNAKE R. AT MILNER STOR.	NORM.	TOTAL
JULY 1	82	707 2																	
2	81	705 4	1090	1090	880	56	2420	3356	0	3356									
3	81	701 1	1080	1100	880	56	2510	3446	0	3446									
4	81	700 5	1090	1090	890	61	2600	3551	0	3551			3290	0	93	93	0	4160	4160
5	81	697 7	0	1150	910	61	2710	3681	681	3000			3340	0	105	105	0	962	962
6	81	689 3	0	1290	920	61	2600	3581	1387	2194	0	3440	3440	0	154	154	0	56	56
7	81	675 9	0	1330	890	61	2570	3521	2391	1130	213	3277	3490	151	0	151	29	0	29
8	81	646 0	0	1320	890	61	2520	3471	3045	426	480	3000	3480	152	0	152	25	0	25
9	81	649 3	0	1330	880	61	2550	3491	3091	400	0	2780	2780	151	0	151	657	220	877
10	81	633 8	0	1340	880	61	2640	3581	3181	400	480	3000	3480	150	0	150	18	0	18
11	81	618 9	0	1360	900	61	2690	3651	3251	400	490	3000	3490	148	0	148	12	0	12
12	81	603 1	0	1360	900	61	2670	3631	3231	400	490	3060	3490	147	0	147	6	0	6
13	81	584 6	0	1350	880	61	2680	3621	3295	326	490	3000	3490	163	0	163	1	0	1
14	81	564 7	0	1350	880	61	2720	3661	3338	323	622	2858	3480	165	0	165	11	0	11
15	81	549 0	0	1350	880	61	2740	3681	3360	321	1030	2450	3480	165	0	165	7	0	7
16	81	530 4	0	1380	890	61	2790	3741	3420	321	1066	2424	3490	164	0	164	5	0	5
17	81	516 0	0	1400	900	61	2760	3721	3401	320	1099	2411	3510	165	0	165	5	0	5
18	81	499 1	0	1400	900	61	2750	3711	3391	320	1120	2410	3530	166	0	166	6	0	6
19	7	483 7	0	1400	900	61	2710	3671	3351	320	1125	2405	3530	168	0	168	8	0	8
20	7	470 3	0	1400	900	61	2690	3651	3332	319	1114	2406	3520	168	0	168	8	0	8
21	7	454	0	1390	900	61	2680	3641	3318	323	1122	2398	3520	168	0	168	9	0	9
22	7	438 7	0	1390	890	61	2700	3651	3328	323	1124	2396	3520	169	0	169	9	0	9
23	7	421 7	0	1400	900	61	2690	3651	3327	324	1076	2424	3500	168	0	168	9	0	9
24	7	405 3	0	1380	880	61	2660	3601	3278	323	1075	2425	3500	168	0	168	9	0	9
25	7	388 1	0	1400	880	61	2630	3571	3245	326	1080	2430	3510	169	0	169	9	0	9
26	7	370 0	0	1400	890	61	2610	3561	3235	326	1079	2421	3500	170	0	170	8	0	8
27	7	351 9	0	1390	890	61	2580	3531	3207	324	1085	2445	3530	170	0	170	9	0	9
28	7	334 2	0	1340	890	61	2600	3551	3228	323	1074	2446	3520	170	0	170	9	0	9
29	7	317 6	0	1230	900	61	2610	3571	3249	322	1075	2435	3510	170	0	170	9	0	9
30	7	300 5	0	1220	910	61	2600	3571	3248	323	1095	2425	3520	170	0	170	9	0	9
31	6	284 9	0	1220	900	61	2570	3551	3228	323	1112	2418	3530	142	0	142	9	0	9
AUG 1	6	268 8	0	1190	890	61	2580	3531	3202	329	1104	2426	3530	170	0	170	18	0	18
2	6	255 2	0	1170	900	61	2540	3521	3191	330	1083	2427	3510	170	0	170	11	0	11
3	6	241 8	0	1170	900	61	2530	3491	3160	331	1042	2468	3510	170	0	170	12	0	12
4	6	227 9	0	1160	870	61	2530	3461	3134	327	1012	2478	3490	170	0	170	10	0	10
5	6	209 2	0	1170	870	61	2540	3491	3144	325	997	2483	3480	170	0	170	9	0	9
6	6	194 6	0	1180	880	61	2570	3511	3187	324	1006	2454	3460	162	0	162	9	0	9
7	6	181 9	0	1170	890	61	2540	3491	3167	324	1048	2442	3490	170	0	170	9	0	9
8	6	166 8	0	1170	890	61	2500	3461	3135	326	1068	2432	3500	170	0	170	9	0	9
9	6	151 0	0	1170	900	61	2480	3431	3106	325	1071	2429	3500	170	0	170	9	0	9
10	6	132 1	0	1170	890	61	2480	3431	3096	324	1079	2451	3490	170	0	170	9	0	9
11	5	115 8	0	1170	890	60	2470	3420	3106	324	1056	2444	3500	170	0	170	9	0	9
12	5	105 6	0	1170	900	60	2470	3430	3095	325	1067	2433	3500	170	0	170	9	0	9
13	5	089 4	0	1160	890	60	2470	3420	3075	325	1065	2435	3500	149	0	149	9	0	9
14	5	074 9	0	1130	890	60	2450	3400	3044	324	1056	2444	3500	149	0	149	9	0	9
			0	1120	890	60	2420	3370		326	1055	2445	3500	148	0	148	9	0	9
											1050	2450	3500	149	0	149	8	0	8

DATE	JACKSON LAKE Contents AcFt	MORAN			TWIN LAKES STORED	MORAN + TWIN LAKES STORED	MORAN TO HEISE LOSS STORED	DIVERSION MORAN TO HEISE STORED	DATE
AUGUST	576 510	STOR. 3540	NORM. 660	TOTAL 4220	32	3592	90	5	AUGUST
21	569 450	3545	725	4290	31	3596	90	5	22
22	562 380	3206	1294	4500	31	3237	81	5	23
23	556 020	3196	1224	4420	30	3226	81	5	24
24	549 680	2950	1350	4300	30	2980	74	5	25
25	543 830	2596	1434	4030	29	2625	65	5	26
26	538 680	2360	1100	3460	28	2388	60	5	27
27	534 000	1516	1114	2630	27	1543	38	5	28
28	531 190	1476	914	2390	26	1502	38	5	29
29	527 470	1591	1049	2640	25	1616	40	2	30
30	524 910	1876	994	2870	23	1899	47		31
31	521 190	1992	1148	3140	22	2014	50		SEP 1
SEP 1	517 240	1760	1060	2820	21	1781	45		2
2	513 750	1286	1204	2490	21	1307	33		3
3	511 200	1644	836	2480	20	1664	42		4
4	507 940	1665	805	2470	19	1684	42		5
5	504 240	1710	750	2460	18	1728	43		6
6	501 010	2040	750	2790	18	2058	51		7
7	496 620	2499	801	3300	17	2516	63		8
8	492 240	2561	839	3400	27	2588	65		9
9	487 160	2092	958	3050	25	2117	53		10
10	483 010	1850	870	2720	23	1873	47		11
11	479 340	1761	819	2580	22	1783	44		12
12	475 450	1688	762	2450	20	1708	43		13
13	472 240	1518	722	2240	19	1537	38		14
14	469 490	1270	700	1970	18	1288	32		15
15	466 970	1300	690	1990	17	1317	33		16
16	464 450	1600	690	2290	16	1616	40		17
17	460 780	2030	690	2720	15	2045	51		18
18	456 920	2448	682	3130	14	2462	62		19
19	451 910	2440	680	3120	13	2453	61		20
20	447 340	2130	680	2810	12	2142	54		21
21	443 270	2678	672	3350	11	2689	67		22
22	436 910	3630	670	4300	10	3640	91		23
23	430 600	2990	670	3660	10	3000	75		24
24	424 730	2910	670	3580	10	2920	73		25
25	418 870	2690	670	3360	9	2699	68		26
26	413 020	2540	670	3210	9	2549	64		27
27	407 880	2580	670	3250	9	2589	65		28
28	402 960	2140	670	2810	9	2149	54		29
29	399 380	530	670	1200	0	530	13		30
30	398 710	0	602	602		0			
TOTALS		226,235			1858	228,093	5701	142	

HEISE + RILEY			DIV. HEISE-SHELLEY			HEISE TO SHELLEY LOSS STORED	REXBURG	MARKET LAKE SPRINGS STORED	DATE	SHEL
STOR.	NORM.	TOTAL	STOR.	NORM.	TOTAL					STOR.
3497	4536	8033	835	5686	6521	170	1050		AUGUST	3672
3501	4478	7979	925	5573	6498	171	1050		22	3405
3151	5011	8162	1624	5298	6922	154	1040		23	3373
3140	5022	8162	1644	5390	7034	153	1050		24	3193
2901	5201	8102	1508	5427	6930	141	1040		25	1852
2555	5517	8072	1236	5437	6673	125	1050		26	1194
2323	5407	7730	611	5555	6166	113	1080		27	1599
1500	5507	7007	480	5375	6855	73	1010		28	947
1459	4972	6431	363	5204	5567	71	984		29	1825
1574	4986	6560	334	5277	5611	72	1020		30	1163
1852	4818	6670	774	5090	5864	90	978		31	988
1964	5296	7260	704	5073	5777	96	1040	2	SEP 1	1164
1736	5284	7020	702	5053	5755	85	1130	5	2	958
1274	5224	6500	549	4952	5501	62	1160	5	3	668
1622	4848	6470	515	4846	5361	79	1180	4	4	1832
1642	4688	6330	321	5054	5375	80	1160	4	5	1245
1685	4535	6220	332	5154	5486	82	1100	3	6	1274
2007	4183	6190	313	5240	5553	98	1050	2	7	1598
2453	4337	6790	742	5288	6030	120	1050	2	8	1593
2523	4557	7080	770	5536	6306	123	1070	2	9	1632
2064	4993	7057	829	5478	6307	101	1080	2	10	1736
1826	4680	6506	766	5383	6149	89	1040	1	11	972
1739	4600	6339	788	5396	6184	85	1030	1	12	867
1665	4454	6119	729	5341	6070	81	1010		13	855
1499	4454	5953	688	5363	6051	73	972		14	738
1256	4299	5555	681	5464	6145	61	934		15	514
1284	4143	5427	770	5372	6142	63	868		16	451
1576	3901	5477	859	5347	6206	72	802		17	640
1994	3774	5768	852	5233	6085	97	770		18	1045
2400	3780	6180	890	5260	6150	117	755		19	1393
2392	3983	6375	1229	5146	6375	116	735		20	1047
2088	3874	5962	1180	5084	6264	102	725		21	806
2622	3421	6043	1109	5038	6147	128	710		22	1385
3549	3906	7455	1371	4834	6205	123	685		23	2005
2925	3853	6778	1355	4788	6143	182	665		24	1428
2847	3791	6638	1319	4775	6094	139	650		25	1389
2631	3886	6517	1267	4730	5997	128	645		26	1236
2485	3831	6316	1291	4622	5913	121	690		27	1073
2524	3741	6265	1146	4699	5845	123	660		28	1255
2095	4090	6185	1135	4708	5843	102	660		30	858
517	4662	5179	1047	4684	5751	25	675		OCT 1	575
222,250			104,590			10832		33		104,86

DAILY SUMMARY OF DATA AT AND BETWEEN

24 HOUR SECOND FEET EXCEPT AS NOTE

DATE	SHELLEY STOR.	SHELLEY NORM.	SHELLEY TOTAL	DIV. SHELLEY-BLACKFOOT STOR.	DIV. SHELLEY-BLACKFOOT NORM.	DIV. SHELLEY-BLACKFOOT TOTAL	SHELLEY BLACKFOOT LOSS STORED	THEORETICAL BALANCE STORED AT BLACKFOOT	BLACKFOOT RIVER	CLOUGH STOR.	CLOUGH NORM.	CLOUGH TOTAL	CALCULATED INFLOW CLOUGH TO NEELEY
AUG 22	2498	738	3230	1225	1121	2346	74	1191	6	553	166	719	2418
23	2405	705	3110	1239	1105	2344	70	1096	5	647	165	812	2428
24	1373	1537	2910	1238	1097	2335	8	127	5	561	165	726	2424
25	1343	1487	2830	1259	1020	2279	5	79	5	470	165	635	2430
26	1252	1658	2910	1271	1042	2313	-1	-18	5	431	165	596	2435
27	1194	1876	3070	1245	1078	2323	-3	-49	7	517	167	684	2447
28	1599	1671	3270	1230	1051	2281	22	347	8	690	168	858	2448
29	947	2073	3020	1220	1048	2268	-16	-257	4	834	164	998	2456
30	1025	1735	2760	772	1130	1902	15	238	5	833	165	998	2444
31	1163	1587	2750	746	1293	2059	24	373	6	662	166	828	2462
SEP. 1	988	1812	2800	751	1428	2179	14	223	4	555	164	719	2458
2	1146	2084	3250	747	1497	2244	25	394	18	657	178	835	2455
3	954	2176	3130	1120	1436	2556	-10	-156	18	696	178	874	2452
4	668	2312	2980	1066	1432	2498	-24	-374	20	504	180	684	2453
5	1032	1928	2960	1080	1486	2566	-3	-45	21	409	181	590	2456
6	1245	1575	2820	1068	1552	2620	11	166	7	277	167	444	2437
7	1274	1336	2610	1068	1479	2547	12	194	4	124	164	288	2448
8	1598	872	2470	1071	1216	2287	32	495	3	27	163	190	2453
9	1593	857	2450	1112	1044	2156	29	452	3	3	163	166	2450
10	1632	958	2590	1123	1046	2169	30	479	4	74	164	238	2452
11	1136	1524	2660	1121	1037	2158	1	14	4	270	164	434	2453
12	972	1468	2440	651	1010	1661	19	302	4	412	164	576	2451
13	867	1363	2230	666	905	1571	12	189	3	408	163	741	2440
14	855	1135	1990	711	1045	1756	9	135	2	354	162	516	2442
15	738	1102	1840	696	1035	1731	2	40	2	118	162	280	2441
16	514	1056	1570	491	741	1232	1	22	3	30	163	193	2443
17	451	789	1240	407	786	1193	3	41	3	15	163	178	2436
18	640	460	1100	407	768	1175	14	219	4	23	164	187	2433
19	1045	225	1270	415	795	1210	38	592	3	0	160	160	2430
20	1393	117	1510	418	936	1354	58	917	5	0	157	157	2428
21	1047	663	1710	407	928	1335	24	614	12	73	172	245	2427
22	806	864	1670	-23	891	868	50	779	27	347	187	534	2427
23	1385	305	1690	-23	820	797	84	1324	12	596	172	768	2430
24	2005	385	2390	636	817	1353	88	1381	19	484	179	663	2424
25	1428	932	2360	1193	791	1984	14	221	24	425	184	609	2427
26	1389	991	2380	1203	772	1975	11	125	23	308	184	492	2443
27	1836	964	2200	1284	745	2029	-3	-45	15	264	175	439	2445
28	1073	1027	2100	1348	694	2042	-18	-277	11	101	171	272	2433
29	1355	805	2060	1339	725	2064	-5	-79	10	5	170	175	2430
30	858	1242	2100	1322	747	2069	-28	-436	11	4	171	175	2429
OCT 1	-575	2595	2020	1244	783	2027	-109	-1710	10	5	170	175	
							1861	29,218					
	106,861			75,282						29014			

DATE	AM. FALLS RESERVOIR Contents Ac.Ft.	NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	LAKE WALCO Contents A
AUG 22	1042990	7184	2784	9970	94
24	1051180	7007	2793	9800	94
25	1037010	7141	2789	9930	95
26	1023020	7505	2795	10300	94
27	1011000	7600	2800	10400	94
28	997260	7586	2814	10400	95
29	983960	7284	2816	10100	95
30	971850	7020	2820	9840	95
31	960160	6931	2829	9760	94
SEP 1	948060	6722	2828	9550	94
2	936540	6398	2822	9220	94
3	925220	6337	2833	9170	94
4	914210	6300	2830	9130	94
5	902170	6387	2833	9220	94
6	888420	6663	2837	9500	93
7	878220	6826	2804	9630	94
8	862920	6778	2812	9590	94
9	849940	6734	2816	9550	94
10	837750	6447	2813	9260	94
11	825940	6274	2816	9090	94
12	814390	6113	2817	8930	94
13	804020	5945	2815	8760	94
14	794010	5597	2803	8400	94
15	784810	4996	2804	7800	94
16	776150	4327	2803	7130	94
17	767140	4014	2806	6820	94
18	758840	3981	2799	6780	94
19	750220	3983	2797	6780	94
20	743550	3730	2790	6520	94
21	736880	3255	2785	6040	93
22	731260	3091	2799	5890	93
23	726690	3446	2814	6260	93
24	721080	3678	2802	6480	93
25	714440	3675	2805	6480	93
26	709320	3629	2811	6440	93
27	703510	3613	2827	6440	93
28	697710	3590	2820	6410	93
29	689850	3196	2804	6000	93
30	684720	2070	2800	4870	93
		54,964			

9ND BETWEEN SNAKE RIVER GAGING STATIONS 1938

FEET EXCEPT AS NOTED

DATE	NEELEY STOR.	NEELEY NORM.	NEELEY TOTAL	LAKE WALCOTT Contents Ac. Ft	MINIDOKA CANALS NORTH	MINIDOKA CANALS SOUTH	MINIDOKA CANALS TOTAL	MINIDOKA CANALS STOR.	MINIDOKA CANALS NORM.	HOWELLS STOR.	HOWELLS NORM.	HOWELLS TOTAL
AUG 290	7186	2784	9970	96430	1490	1240	2730	2730	0	4716	2784	7500
280	7007	2793	9800	96150	1490	1240	2730	2730	0	4647	2793	7440
270	7141	2789	9930	95180	1480	1220	2700	2700	0	4571	2789	7360
260	7505	2795	10300	94840	1480	1210	2690	2690	0	4725	2795	7520
2:00	7600	2800	10400	94950	1420	1190	2610	2610	0	4810	2800	7610
240	7586	2814	10400	95180	1380	1160	2540	2540	0	4816	2814	7630
230	7284	2816	10100	95670	1340	1160	2500	2500	0	4734	2816	7550
220	7020	2820	9840	95430	1290	1190	2480	2480	0	4620	2820	7440
210	6931	2829	9760	94720	1290	1180	2470	2470	0	4481	2829	7310
200	6722	2828	9550	94720	1250	1050	2300	2300	0	4262	2828	7090
SEP 150	6398	2822	9220	94950	1180	967	2147	2147	0	4078	2822	6900
220	6337	2833	9170	94950	1140	940	2080	2080	0	4017	2833	6850
310	6300	2830	9130	94840	1140	913	2053	2053	0	4130	2830	6960
470	6387	2833	9220	94140	1140	976	2116	2116	0	4237	2833	7070
520	6663	2837	9500	93440	1140	1040	2180	2180	0	4253	2837	7090
420	6826	2804	9630	94020	1140	1090	2230	2230	0	4396	2804	7200
720	6778	2812	9590	93320	1130	1110	2240	2240	0	4528	2812	7340
840	6734	2816	9550	92860	1140	1130	2290	2290	0	4544	2816	7360
950	6447	2813	9260	92860	1170	1100	2270	2270	0	4417	2813	7230
1040	6274	2816	9090	92860	1070	1030	2100	2100	0	4164	2816	6980
1190	6113	2817	8930	93320	1080	955	2035	2035	0	3763	2817	6580
1220	5945	2815	8760	94490	1080	910	1990	1990	0	3275	2815	6090
1310	5597	2803	8400	95790	1040	904	1944	1944	0	3337	2803	6140
1410	4996	2804	7800	96270	969	858	1827	1827	0	3336	2804	6140
1450	4327	2803	7130	95910	967	798	1765	1765	0	3207	2803	6010
1440	4014	2806	6820	94490	962	776	1738	1738	0	3074	2806	5880
1240	3981	2799	6780	93090	955	774	1729	1729	0	3081	2799	5880
1220	3983	2797	6780	91690	951	741	1692	1692	0	2983	2797	5780
1250	3730	2790	6520	90760	946	694	1640	1630	10	2660	2780	5440
1280	3255	2785	6040	89830	946	686	1632	1567	65	2290	2720	5010
1260	3091	2799	5890	88430	958	790	1748	1669	79	2110	2720	4830
2390	3446	2814	6260	87030	958	821	1779	1695	84	2260	2730	4990
2380	3678	2802	6480	85640	955	784	1739	1667	72	2470	2730	5200
2440	3675	2805	6480	84700	948	740	1708	1633	75	2470	2730	5200
2520	3629	2811	6440	83660	951	730	1681	1600	81	2520	2730	5250
2610	3613	2827	6440	82520	955	673	1628	1531	97	2660	2730	5390
2710	3590	2820	6410	81280	946	615	1561	1421	140	2690	2680	5370
2850	3196	2804	6000	80380	953	595	1548	1414	134	2040	2670	4710
2920	2070	2800	4870	79480	953	610	1563	1383	180	1180	2620	3800
30												
								186787		355,432		
	341946											

DATE	MILNER LAKE GAGE	GOODING PROJECT STOR.	GOODING PROJECT NORM	GOODING PROJECT TOTAL	NORTH SIDE CANAL CO. GOODING	RA.	MAIN	TOTAL	STOR.	NORM
AUG 25	10.74	1120	0	1120	870	40	2290	3320	2793	337
26	10.62	1120	0	1120	860	40	2370	3290	2762	328
27	10.52	1110	0	1110	840	40	2360	3280	2952	328
28	10.54	1130	0	1130	870	40	2350	3280	2951	329
29	10.69	1130	0	1130	870	40	2330	3240	2931	329
30	10.82	1140	0	1140	870	40	2290	3220	2887	331
31	10.96	1130	0	1130	870	40	2300	3230	2895	331
SEP 1	10.97	1130	0	1130	870	40	2320	3250	2918	332
2	10.95	1120	0	1120	860	40	2300	3220	2887	332
3	10.94	1120	0	1120	860	40	2320	3240	2907	333
4	10.81	1110	0	1110	870	40	2330	3240	2928	333
5	10.64	1110	0	1110	860	40	2280	3200	2867	333
6	10.53	1110	0	1110	860	40	2250	3170	2837	333
7	10.48	1110	0	1110	860	39	2240	3159	2826	333
8	10.50	1100	0	1100	860	39	2210	3129	2795	334
9	10.50	1100	0	1100	860	39	2200	3119	2789	330
10	10.60	1110	0	1110	870	40	2180	3110	2779	331
11	10.82	1110	0	1110	870	41	2140	3071	2740	331
12	11.00	1110	0	1110	870	41	2090	3021	2690	331
13	10.81	1100	0	1100	860	41	2050	3011	2680	331
14	10.75	1100	0	1100	860	41	1900	2821	2490	331
15	10.74	1100	0	1100	850	41	1500	2421	2090	331
16	10.77	1100	0	1100	860	41	1460	2371	2041	330
17	10.78	1100	0	1100	850	41	1430	2351	2021	330
18	10.80	1100	0	1100	850	41	1400	2311	1981	330
19	10.84	1110	0	1110	860	41	1380	2291	1962	329
20	10.86	1110	0	1110	850	41	1380	2291	1963	328
21	10.83	1100	0	1100	840	41	1350	2251	1851	400
22	10.68	1090	0	1090	840	41	1330	2231	1831	400
23	10.44	1090	0	1090	820	39	1340	2219	1819	400
24	10.34	1090	0	1090	830	39	1330	2219	1819	400
25	10.34	1100	0	1100	820	35	1290	2165	1765	400
26	10.39	1100	0	1100	820	35	1270	2145	1745	400
27	10.36	1100	0	1100	830	35	1240	2125	1785	340
28	10.33	1090	0	1090	840	37	1200	2077	1677	400
29	10.30	630	0	630	960	0	1120	2020	1420	600
30	10.44	0	0	0	1010	0	602	1612	1212	400
		93,110							277,733	

	DATE	MILNER LAKE GAGE	GOODING PROJECT			NORTH SIDE CANAL CO.						TWIN FALLS CAN. CO.			MILNER LOW LIFT			SNAKE R. AT MILNER		
			STOR.	NORM.	TOTAL	GOODING	RR.	MAIN	TOTAL	STOR.	NORM	STOR.	NORM.	TOTAL	STOR.	NORM	TOTAL	STOR.	NORM.	TOTAL
	AUG.	10.74	1120	0	1120	870	40	2390	3320	2993	327	1093	2457	3500	125	0	125	7	0	7
	25	10.63	1120	0	1120	840	40	2370	3290	2963	327	1035	2465	3500	148	0	148	7	0	7
	26	10.52	1110	0	1110	840	40	2340	3280	2952	328	1039	2461	3500	148	0	148	6	0	6
	27	10.54	1130	0	1130	870	40	2350	3280	2951	329	1014	2466	3480	148	0	148	7	0	7
	28	10.69	1130	0	1130	870	40	2330	3240	2931	329	999	2471	3470	148	0	148	7	0	7
	29	10.82	1140	0	1140	870	40	2270	3220	2889	331	987	2483	3470	149	0	149	7	0	7
	30	10.96	1130	0	1130	870	40	2300	3230	2899	331	945	2485	3430	151	0	151	9	0	9
	31	10.97	1130	0	1130	870	40	2320	3250	2918	332	912	2488	3400	150	0	150	11	0	11
	SEP. 1	10.95	1120	0	1120	840	40	2300	3220	2887	333	854	2496	3350	122	0	122	9	0	9
	2	10.94	1120	0	1120	840	40	2320	3240	2907	333	805	2495	3300	120	0	120	9	0	9
	3	10.81	1110	0	1110	870	40	2330	3240	2908	332	830	2490	3320	121	0	121	7	0	7
	4	10.64	1110	0	1110	840	40	2280	3200	2867	333	840	2500	3340	120	0	120	7	0	7
	5	10.53	1110	0	1110	840	40	2250	3170	2837	333	843	2497	3340	121	0	121	7	0	7
	6	10.48	1110	0	1110	840	59	2240	3159	2826	333	840	2500	3340	121	0	121	7	0	7
	7	10.50	1100	0	1100	840	59	2210	3129	2795	334	757	2503	3260	121	0	121	7	0	7
	8	10.50	1100	0	1100	860	59	2200	3119	2789	330	676	2474	3150	121	0	121	7	0	7
	9	10.60	1110	0	1110	870	60	2180	3110	2779	331	627	2481	3110	121	0	121	8	0	8
	10	10.82	1110	0	1110	870	61	2140	3071	2740	331	555	2485	3040	121	0	121	8	0	8
	11	11.00	1110	0	1110	870	61	2090	3021	2690	331	498	2482	2980	121	0	121	11	0	11
	12	11.03	1110	0	1110	870	61	2080	3011	2680	331	495	2485	2980	121	0	121	13	0	13
	13	10.81	1100	0	1100	840	61	1900	2821	2490	331	444	2486	2930	121	0	121	11	0	11
	14	10.75	1100	0	1100	860	61	1500	2421	2090	331	426	2484	2910	121	0	121	8	0	8
	15	10.74	1100	0	1100	850	61	1460	2371	2041	330	397	2473	2870	122	0	122	8	0	8
	16	10.77	1100	0	1100	860	61	1430	2351	2021	330	366	2474	2840	122	0	122	9	0	9
	17	10.78	1100	0	1100	850	61	1400	2311	1981	330	307	2473	2780	120	0	120	9	0	9
	18	10.80	1100	0	1100	850	61	1380	2291	1961	330	274	2476	2750	121	0	121	9	0	9
	19	10.84	1110	0	1110	860	61	1390	2311	1982	329	240	2470	2710	122	0	122	9	0	9
	20	10.86	1110	0	1110	850	61	1380	2291	1962	329	92	2468	2560	93	0	93	9	0	9
	21	10.83	1100	0	1100	840	61	1350	2251	1851	400	0	2380	2380	85	0	85	9	0	9
	22	10.68	1090	0	1090	840	61	1330	2231	1831	400	0	2320	2320	93	0	93	9	0	9
	23	10.44	1090	0	1090	820	59	1340	2219	1819	400	0	2320	2320	93	0	93	9	0	9
	24	10.34	1090	0	1090	830	59	1330	2219	1819	400	0	2330	2330	93	0	93	8	0	8
	25	10.34	1100	0	1100	820	55	1290	2165	1765	400	0	2330	2330	93	0	93	8	0	8
	26	10.39	1100	0	1100	820	55	1270	2145	1745	400	0	2330	2330	94	0	94	103	0	103
	27	10.36	1100	0	1100	830	55	1240	2125	1725	400	0	2330	2330	94	0	94	282	0	282
	28	10.33	1090	0	1090	840	37	1200	2077	1677	400	0	2330	2330	94	0	94	280	0	280
	29	10.30	630	0	630	900	0	1120	2020	1620	400	0	2280	2280	94	0	94	280	0	280
	30	10.44	0	0	0	1010	0	602	1612	1212	400	0	2270	2270	86	0	86	274	0	274
			93,110							217,733		57777			11,183			2,556		

DAILY STO

24 HOUR

NAME OF CANAL		JUL. 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AUG. 1	2	3	4	5	6	7	8	9	10	11	12	13	14
	1																				5	5	5	5	5	5	5	5	5	5	5	5	5
SWAN VALLEY CANALS	2																																
	3																																
RILEY	4	10	5	5	5	5	13	34	34	34	34	34	29	28	17	28	18	18	12	13	12	17	22	26	31	32	31	31	25	22	20	26	20
ANDERSON & EAGLE ROCK	5	241	303	300	299	287	281	274	285	283	283	283	283	279	284	280	284	280	172	172	163	186	166	163	190	180	186	187	184	185	183	184	97
FARMERS FRIEND	6	51	39	53	54	53	44	35	63	63	59	59	26	24	26	24	24	26	24	26	28	33	33	33	31	5	5	4	0				
ENTERPRISE	7																																
MATTSON-CRAIG	8									186	178	176	181	120	116	168	126	125	123	122	124	122	122	116	133	116	4	20	20	120	120	120	120
ARNSBERGER	9																				3	7	4	4	6								
HARRISON	10	129	116	124	111	108	77	73	88	86		-5	-5	-5	-5	-5	-5	-5				-5	-5			-5	-5	-5	-5	-5				
RUDY & BOOMER	11			44	47	49	48	44	49	47	98	161	161	161	0	5	165	165	165	165	161	161	163	163	163	161	161	-270	-270	-270	185	178	171
BURGESS	12	108	144	148	153	148	138	112	108	382	46	47	42	45	44	51	45	53	55	60	59	61	60	59	58	65	70	57	57	57	56	61	54
LOWDER & JENNINGS	13										286	290	264	255	255	258	237	215	211	206	193	167	162	162	158	160	149	149	101	101	92	92	83
SUNNYDELL	14																									-15	-14	25	17	14	12	11	7
LENROOT	15		0	91	74	73	42	41	49	132	58	54	0	0	0	0	11	0	0	0	20	18	49	46	46	42	0	-84	-84	-84	-84	-84	53
REID	16	25	14	23	25	25	18	11	14	17	132	117	68	49	34	24	29	80	114	104	81	77	81	81	93	87	84	81	80	80	8	0	0
DILTS (Including Clark ditch)	17	July 16 - Aug. 23 is water for Clark Ditch									0						0	4	9	0	0	6	6	0	7	7							
HENRYS FORK CANALS ▲	18														2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BUTTE & MARKET LAKE	19												70	76	76	275	282	231	230	235	281	279	262	342	279	290	532	552	708	774	674	620	611
OSGOOD	20								91	91	91	91	91	91	91	91	91	91	91	91	91	88	89	89	89	89	90	90	90	89	88	91	91	91
BEAR ISLAND	21								0	3	3	3	3	2	3	3	3	2	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3
SMITH	22							1	1	1						1	1	1				2	1	1	1	1	1	1					
KENNEDY	23	10	20	19	19	18	18	19	20	11	3	5	11	18	13	7	7	8	7	6	8	5	4	4	4	4	5	5	3	1	2	1	
IDAHO	24	60	110	190	190	180	180	160	240	240	240	260	240	230	220	220	210	240	230	220	220	210	170	160	160	180	180	170	160	60	0	0	
MARTIN	25	10	21	39	39	39	39	39	31	31	31	31	31	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
NEW SWEDEN IRR. DIST.	26	141	214	250	254	248	249	227	240	231	236	240	240	231	221	213	201	198	196	187	171	119	126	134	142	61	65	70	75	74	78	79	62
WOODVILLE	27																																
SNAKE RIVER VALLEY	28	25	65	184	169	181	165	142	137	548	527	512	467	411	377	437	489	495	497	500	483	453	443	449	469	471	441	387	365	302	275	277	3
10% PENALTY ON STORED NORMAL	29																									-2	-2	-39	-39	-39	-9	-9	
	30																																
TOTAL HEISE - SHELLEY	31	810	1053	1472	1441	1414	1319	1240	1580	2481	2305	2350	2141	2065	1814	2177	2258	2285	2177	2146	2136	2097	2124	2089	2149	2148	2183	1619	1621	1614	1772	1760	1
	32																																
RESERVATION	33																																
BLACKFOOT	34	21	18	57	46	39	10	1	6	8	25	33	6	0	0	0	0	3	25	34	15	11	6	0									
PEOPLES	35	155	167	155	159	136	140	140	108	108	98	87	276	272	74	70	55	62	56	355	347	351	349	458	451	455	474	434	436	424	422	478	4
ABERDEEN	36										385	1250	1170	1140	785	775	1170	1180	1180	1200	1250	1250	206	0	0	70	872	1020	1160	1220	1200	1150	
COBBETT	37																									38	20	49	14	0	0	0	
TREGO	38																																
10% PENALTY ON STORED NORMAL	39																																
	40																																
TOTAL SHEELEY - BLACKFOOT	41	176	185	212	205	175	150	141	108	116	508	1370	1446	1432	859	845	1228	1267	1272	1570	1408	1407	555	458	451	563	1366	1505	1610	1644	1622	1568	
	42																																
MINIDOKA PROJECT	43	134	1264	1254	1234	2215	2197	2183	3020	3020	3020	3020	3030	3030	2990	2990	2970	3000	3010	3020	3020	2940	2900	2820	2740	2740	2740	2730	2760	2720	2700	2720	
MILNER LOW LIFT	44		151	152	151	150	148	142	143	165	145	144	145	146	148	148	148	147	148	168	169	170	170	170	170	170	162	170	170	170	170	170	
TWIN FALLS CANAL CO.	45		213	480	0	480	490	490	490	422	1030	1044	1039	1120	1125	1114	1123	1124	1074	1075	1080	1079	1085	1024	1075	1095	1112	1104	1083	1092	1072	997	
NORTH SIDE PROJECT	46		681	1387	2397	3045	3697	3181	3221	3151	3295	3338	3340	3420	3401	3397	3357	3332	3318	3328	3327	3278	3245	3235	3207	3228	3249	3248	3228	3202	3179	3160	
GOODING PROJECT	47		1150	1290	1330	1320	1380	1340	1360	1340	1350	1350	1350	1380	1400	1400	1400	1400	1390	1390	1400	1380	1400	1400	1390	1390	1330	1320	1220	1190	1170	1170	
IDAHO POWER CO.	48																																
	49																																

▲ Listed here one day later than actual draft. See plate 22 for details

DAILY STORAGE DIVERSIONS 1938

24 HOUR SECOND FEET EXCEPT AS NOTED

6	7	8	9	10	11	12	13	14	AS	16	17	18	19	20
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
32	31	31	25	22	20	24	20	16	22	22	18	17	14	0
180	184	182	184	185	183	184	97	96	92	93	90	0	0	0
5	5	4	0											
114	4	20	20	120	120	120	120	120	120	0	0	0	0	120
-5	-5	-5	-5	-5					-5	-5	-5	-5	-5	-5
141	141	-270	-270	-270	185	178	171	163	168	174	148	148	-265	-269
45	70	57	57	57	56	41	54	52	50	49	45	41	40	35
160	149	149	101	101	92	92	83	79	75	81	70	75	75	70
15	-14	25	17	14	12	11	7	12	15	14	13	-14	-12	-14
42	0	-84	-84	-84	-84	-84	57	30	53	44	80	63	20	14
87	84	81	80	80	8	0	0	0	34	53	44	52	93	101
7														
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
490	532	552	708	774	614	620	611	524	391	288	287	286	245	232
90	90	90	89	88	91	91	91	91	90	90	89	89	89	89
3	3	3	3	3	3	3	0	0	0	3	0	2	2	0
1	1						1	1	1	1	1			
4	5	5	3	1	2	1	3	3	4	4	4	2	0	1
180	180	170	160	60	0	0	10	10	10	0	0			
37	37	37	37	37	37	37	37	37	37	30	30	30	30	30
182	155	137	90	88	86	88	78	73	62	77	84	76	60	87
65	70	75	76	78	79	62	60	58	56	60	65	64	63	77
471	441	387	345	302	275	277	312	257	232	232	234	227	277	293
-2	-2	-39	-39	-39	-9	-9	0				0	-2	-31	-32
2148	2183	1674	1621	1614	1772	1760	1814	1426	1509	1837	1819	1773	699	820
455	474	436	436	424	422	418	418	-12	-12	-12	-12	-2	418	411
70	872	1020	1160	1220	1200	1150	1090	1040	978	908	879	889	873	876
38	20	49	14	0	0	0	21	18	19	2	2	2	2	0
								-2	-2	-2	-2			
563	1366	1505	1610	1644	1422	1548	1529	1035	974	887	858	1369	1296	1285
2740	2740	2730	2760	2720	2700	2720	2730	2740	2710	2710	2740	2760	2790	2310
170	162	170	170	170	170	170	162	170	170	170	170	170	170	149
995	1118	1104	1083	1042	1012	997	1006	1048	1068	1071	1037	1054	1062	1014
2228	2249	2248	2225	2202	2174	2140	2134	2166	2187	2142	2135	3104	3074	2426
1140	1230	1220	1200	1190	1170	1170	1160	1170	1180	1170	1170	1170	1170	1170

21	22	23	24	25	26	27	28	29	30	31
5	5	5	5	5	5	5	5	2		
13	17	22	22	22	22	20	17	11	0	0
4	4	0								
120	120	120	121	120	0	0	0	0	118	120
0	2	4	4							
-258	-269	181	181	180	173	-269	-270	-270	-256	109
44	44	48	49	43	43	46	37	29	14	0
75	44	58	62	38	2	0				
-14	4	3	4	7	6	9	8	6	5	3
12	5	11	18	7	20	12	0	62	0	0
97	50	80	74	65	44	35	37	41	24	21
2	2	2	19	22	21	90	0	2	0	0
233	164	166	102	89	115	173	157	230	252	287
								-196	-190	-190
89	89	89	89	89	89	89	89	89	87	89
3	3	3	3	3	3	3	3	3	0	0
									1	1
0	0	0	1	1	1	0	0	2	5	5
30	30	30	30	30	30	30	30	30	30	30
24	13	8	11	14	13	12	0			
58	58	57	57	57	56	56	55	53	51	48
250	241	301	301	293	291	280	246	241	257	280
-30	-30	-30	-2	-2	-2	-2	-2	0		
821	832	813	742	770	829	764	788	729	688	681
415	403	403	400	445	415	422	-21	-21	-21	-21
465	465	465	471	701	695	674	674	689	739	719
0	0	0	0	4	13	25	0			
							-2	-2	-2	-2
1080	1068	1068	1071	1112	1123	1121	451	444	721	696
2114	2180	2230	2240	2290	2270	2100	2015	1990	1944	1837
121	121	121	121	121	121	121	121	121	121	121
843	840	787	674	629	555	478	485	444	426	393
2817	2816	2795	2789	2779	2790	2690	2680	2590	2670	2681
1110	1110	1100	1100	1110	1110	1110	1110	1100	1100	1100

	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	OCT 1		TOTAL SEC. FT.	TOTAL AC. FT.	JACKSON LAKE EQUIV. AC. FT.	JACKSON LAKE RIGHT AC. FT.	AM. FALLS RIGHT AC. FT.	OTHER RIGHTS AC. FT.	SEASONAL PURCHASES AC. FT.	TOTAL RIGHT AC. FT.
1																												1								
2																15	12	13	15	18	18	17	16	15	15	9		2	142	882	304	0	0		① 304	
3																												3								
4	0	0	0	0	0	7	4	9	9	3	5	7	7	8	10													4	1206	3392	2579	1800	1163		③ 900	
5	0	0	0	0	0	0	0	96	96	69	44	65	65	0	0													5	7788	15447	14657	0	33/92		④ 72.20	
6				6																								6	985	1895	2093	2000	0		⑤ 43	
7																0	0	108	120	120	120	120	120	120	65	65	65	7	5891	11585	12490	6100	15417		⑥ -9020	
8																3				5	5							8	46	95	104	0	0		⑦ 247	
9	-256	-256	-256	85	109	141	41	56	19	0	0	85	71	71	75													9	-90	-139	-192	0	0	⑧ 193	⑧ -193	
10	7	7	0													104	102	9	14	56	56	54	51	95	95	87		10	2840	5633	6074	5000	18179		⑨ 53	
11					10	6	19	19	19	19	6	6	49	19	15													11	3333	4627	4789	2000	3031		⑩ 1033	
12	-17	-17	-21	-21	-21	-21	-21	-21	2	2	0	6	19	21	17	19	23	15	19	19	19	15	10	10	10	6		12	6741	13410	14440	5120	11997		0	
13										0	10	2	35	50	70	20	19	20	19	19	19	19	4	17	18	17		13	172	341	268	1040	0		0	
14	8	4	1	32	40	45	21	19	19	15	7	9	21	33	42	80	62	62	106	40	25	17	77	76	74	37		14	1538	3050	3289	4000	0		0	
15																76	65	60	104	92	90	86	76	76	72	43		15	4317	8563	9333	3000	6826		0	
16				18	15	23	24	21					20	19	16													16	211	419	452	0	3002		⑪ -50.5	
17	457	134	136	135	132	127	187	147	149	151	141	141	179	249	234	14	17	18	21	17	17	18	14	14	14	20		17	497	986	1063	0	1567		⑫ 12.5	
18																234	251	251	253	254	256	264	264	147	146	146		18	18022	35743	38548	0	49867		⑬ 2769	
19																			154	157	160	142	158	154	170	184		19	349	692	746	0	5806		0	
20	86	85	85	88	91	91	91	91	91	91	91	91	91	91	91	89	89	89	102	102	102	102	102	102	102	102		20	6641	13172	14202	0	24837	⑭ 3685	0	
21															0	3	3	3	3	3	3	0	3	3	3	3		21	111	220	237	0	330		0	
22							1	1	1			2	2				1	1											22	31	41	44	0	120		0	
23	4	3	2	2	2	2	1	1																				23	347	688	742	3565	0	⑮ 65	⑮ 32.5	
24																												24	5430	11147	12020	0	39588		0	
25	30	30	30	30	30	30	30	30	30	30	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		25	2192	4348	4688	1500	2300		0	
26	24	13	8	11	14	13	12	0							0	258	244	233	213	227	279	193	158	140	158	156		26	11387	22586	24350	5000	43239		0	
27	58	58	57	57	57	56	56	55	53	51	48	46	48	51	54	58	47	40	58	58	58	10	30	30	31	32		27	3265	6476	6983	0	13280		⑯ -3000	
28	250	241	301	301	293	291	286	246	241	257	280	279	296	234	239	248	203	141	142	142	146	182	200	174	154	154		28	22868	45358	48908	15000	40535		0	
29	-30	-30	-30	-2	-2	-2	-2	-2	0																			29	-460	-1310	-1612	0	0	⑰ 1412	⑰ -1412	
30																												30								
31	321	332	313	742	770	829	744	788	729	688	681	770	859	852	890	1229	1180	1109	1371	1355	1319	1267	1291	1146	1135	1067		31	104590	207449	222686	51315	298383	53555	-1477	
32																												32								
33																					0	51	96	98	107	104	94	33	550	1091	1177	0	0		⑱ 1177	
34																												34	374	742	800	0	22053		0	
35																918	407	-21	-21	400	401	400	394	422	418	401	396	35	21659	42940	46275	8000	39132		⑲ 5091	
36																0	0	0	0	136	792	752	792	848	874	817	764	36	52866	104858	113040	42685	70439		0	
37	415	403	403	400	405	415	422	-21	-21	-21	-21	-21	407	407	415													37	363	720	777	0	5848		⑳ -5097	
38																												38	0	0	0	0	2145		0	
39	665	665	665	671	701	695	674	674	689	734	719	514	0	0	0													39	-30	-60	-44	0	0	㉑ 64	㉑ -64	
40																												40								
41	0	0	6	0	6	13	25	0																				41	7582	15011	16202	5046	12483	64	1113	
42																												42								
43																-2	-2											43	1847	3704		3258	2578	㉒ 135		
44																												44	11	33			57			
45								-2	-2	-2	-2	-2																45	527	1145		97	244			
46																												46	2177	4367		322	4225			
47																918	407	-23	-23	526	773	1203	1284	1368	1319	1328	1444	47	9318	18947			4000			
48																												48	1217	2442			45			
49	1080	1068	1068	1071	1112	1123	1121	451	446	711	496	471	407	407	415	1630	1567	1469	1695	1647	1633	2400	1531	1281	1414	1378		49	74838	150311	162025	50685	124837			
50																												50								
51																93	85	93	93	93	93	94	94	94	94	86		51	184787	370487		32810	25785	㉓ 13567		
52																92	0											52	11182	22181			57705			
53	2116	2180	2230	2340	2470	2370	2100	2085	1970	1944	1827	1765	1328	1359	1472													53	52777	114535		92105	24105			
54	121	121	121	121	121	121	121	121	121	121	122	122	120	121	121	1762	1857	1821	1819	1819	1765	1795	1725	1632	1626	1212		54	21773	㉔ 43167		32200	42253			
55	840	840	767	676	629	655	478	475	444	424	392	364	307	294	296													55	9311	18481			40000			
56	2814	2814	2565	2389	2275	2290	2170	2180	2170	2081	2082	1781	1796	1782	1782	1710	1857	1821	1819	1819	1765	1795	1725	1632	1626	1212		56	2417	4794			4500			
57	1110	1110	1100	1100	1110	1110	1110	1110	1100	1100	1100	1100	1100	1100	1110	1110	1100	1070	1070	1070	1100	1100	1100	1070	630	0		57	24812	49208			8500			
58																						103	282	280	280	274		58	74833	148422			17000			
59																												59								

PLATE NO. 14

23	24	25	26	27	28	29	30	OCT 1		TOTAL SEC. FT.	TOTAL AC. FT.	JACKSON LAKE EQUIV AC. FT.	JACKSON LAKE RIGHT AC. FT.	AM. FALLS RIGHT AC. FT.	OTHER RIGHTS AC. FT.	SEASONAL PURCHASES AC. FT.	TOTAL RIGHTS AC. FT.
									1								
									2	142	282	304	0	0		(1) 304	304
									3								
15	18	18	17	16	15	15	9		4	1206	2392	2579	1200	1163		(2) 900	3263
									5	7788	15447	14657	0	22742		(3) 7220	29362
									6	955	1895	2043	2000	0		(4) 43	2043
120	120	120	120	120	65	65	65		7	5841	11585	12490	4100	15417		(5) -9020	12497
	5	5							8	48	95	104	0	0		(6) 247	247
									9	-90	-179	-193	0	0	(7) 193	(7) -193	0
56	56	56	54	51	95	95	87		10	2840	5633	6074	5000	18179		(8) 53	23232
									11	2333	4627	4989	2000	3031		(9) 1033	6064
19	19	19	15	10	10	10	6		12	6761	13410	14440	5120	11997		0	17117
19	19	19	19	4	17	18	17		13	172	341	368	1040	0		0	1040
46	40	25	17	77	76	74	37		14	1538	3050	3289	4000	0		0	4000
94	92	90	86	76	76	72	43		15	4317	8563	9233	3000	4826		0	9826
									16	211	419	452	0	3002		(10) -505	2497
21	17	17	18	16	16	14	20		17	497	986	1063	0	1547		(11) 125	1672
13	254	254	244	264	147	146	146		18	18082	35747	38548	0	44867		(12) 2769	47636
4	157	160	142	158	154	170	184		19	349	692	746	0	5806		0	5806
2	102	102	102	102	102	102	102		20	6441	13172	14202	0	24027	(13) 3685	0	27712
3	3	3	0	3	3	3	3		21	111	220	237	0	330		0	330
									22	31	61	66	0	120		0	120
									23	347	688	742	355	0	(14) 65	(15) 323	743
									24	5420	11147	12020	0	39588		0	39588
6	6	6	6	6	6	6	6		25	2192	4348	4688	1500	3300		0	4800
3	227	219	193	158	160	158	156		26	11387	22584	24350	5000	43239		0	48239
8	58	58	10	30	30	31	32		27	3265	6476	6983	0	13200		(16) -3000	10200
2	162	196	182	200	174	154	154		28	22868	45358	48908	15000	40552		0	55552
									29	-660	-1310	-1412	0	0	(17) 1412	(18) -1412	0
									30								
1	1355	1319	1247	1291	1146	1135	1067		31	104590	207449	223686	51315	298363	5355	-1417	353606
									32								
		0	51	96	98	107	104	94	33	550	1091	1177	0	0		(19) 1177	1177
									34	374	742	800	0	22053		0	22053
1	400	401	400	396	422	418	401	396	35	21459	42960	46275	8000	34132		(20) 5091	47223
0	106	792	752	792	848	814	817	764	36	52866	104858	113060	42685	20439		0	113324
									37	363	720	777	0	5868		(21) -5091	777
									38	0	0	0	0	2145		0	2145
									39	-30	-60	-64	0	0	(22) 64	(23) -64	0
									40								
2	526	1193	1203	1284	1268	1337	1322	1244	41	75782	150311	162025	50685	134837	64	1113	186499
									42								
5	1447	1623	1600	1531	1321	1478	1383		43	184787	370487		325810	75785	(24) 135610		537245
1	93	93	94	94	94	94	86		44	11183	22181			51705			51705
									45	57777	114599		97183	221288			318971
9	1815	1765	1745	1725	1577	1620	1312		46	217735	(25) 431867		322007	472532			794539
1	1676	1166	1100	1100	1670	630	0		47	93110	184681			400000			400000
			163	283	280	280	274		48	1219	2417			45000			45000
									49	748333	1484274		842000	1700000	141089	0	2488089

NOTES

(1) From Pool.
(2) Sold to Peoples Canal.
(3) Bought from Corbett Canal.
(4) To Pool.
(5) From Enterprise Canal Co.
(6) 900 to Riley, 900 to Rudy, 7220 to Anderson & Eagle Rock.
(7) To Mattson-Craig.
(8) 193 from Arnsberger, 54 from Pool.
(9) Stored Normal Flow.
(10) 900 from Enterprise, 133 from Pool.
(11) 3288 from Two Ocean, 397 from Emma Matilda Res.
(12) From Market Lake Slough.
(13) 95470 Lake Walcott on July 13, plus 40000 gain Neeley to Milner during period of storage use July 13 to Sept. 30.
(14) 23208 of this used by Hillsdale Irrig. Dist.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Number | Washington District

TIME INTERVAL BETWEEN GAGING STATIONS ON SNAKE RIVER

Plate No. 15

TIME CLOUGH TO RUEGAR - 12 Hrs.
RUEGAR TO MINIDOKA - 8 Hrs.
MINIDOKA TO MILNER - 12 Hrs

Heise to Shelley - Disch. at Shelley

Moran to Heise - Disch. at Heise

Shelley to Blackfoot - Disch. at Blackfoot

TIME INTERVAL IN HOURS

Sheet No. ____ of ____ Sheets. Prepared by ____ Date ____ Checked by ____ Date ____

PLATE NO. 16

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR MAY 1938
FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	Dry																															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	19	19	19	33	33	36	159
TOTAL ABOVE SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	33	33	36	159
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	49	0	0	32	42	53	61	61	60	70	75	77	79	86	91	90	95	97	93	104	106	108	105	118	121	122	124	125	127	128	130	2629
BELL	9	9	9	9	9	0	0	0	0	0	0	0	10	10	10	10	10	10	9	7	8	10	10	10	10	10	11	11	11	11	11	11	235
FALL RIVER	142	142	145	148	151	154	157	160	163	163	163	163	163	163	163	163	107	0	0	20	20	197	197	312	320	330	341	350	360	380	400	420	6094
McBEE	3	3	3	3	3	2	2	2	2	2	2	2	2	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	134
CHESTER	0	0	0	0	0	0	0	0	0	10	10	10	52	63	63	63	59	55	63	62	61	61	61	80	70	61	91	90	94	94	95	1368
SILKEY	10	10	10	12	12	12	7	7	7	7	7	7	10	12	14	14	14	15	16	17	18	19	19	20	20	21	21	21	21	21	21	442
CURR	0	0	0	0	0	0	0	0	0	0	0	0	50	51	52	52	53	53	52	51	50	51	52	52	51	51	51	50	50	50	49	971
TOTAL SQUIRREL - CHESTER	213	164	167	204	217	221	227	230	232	252	257	259	366	388	397	341	237	235	237	268	448	452	565	606	608	613	654	663	689	710	733	11973

HENRYS FORK CANALS

DEWEY	0	0	0	0	0	0	0	0	14	14	14	15	15	16	16	17	18	19	20	20	20	19	19	19	19	19	19	19	19	19	16	405
LAST CHANCE	51	51	48	48	48	46	46	53	50	48	48	48	51	51	52	52	53	52	52	56	61	61	61	83	83	83	87	92	106	103	103	1927
CROSS CUT	0	0	0	0	0	0	0	0	80	40	0	0	0	0	0	0	0	0	0	0	0	0	125	140	148	100	0	0	0	0	0	693
ST. ANTHONY UNION	494	494	480	470	460	449	455	460	465	469	485	497	508	505	510	510	512	515	515	520	520	520	521	525	530	534	535	535	535	536	536	15584
FARMERS FRIEND	120	140	160	181	180	178	176	157	138	140	170	200	202	204	205	206	207	200	194	200	205	208	210	206	203	203	204	205	205	207	205	5842
TWIN GROVES	108	102	92	106	106	106	110	111	112	112	112	112	145	145	145	145	138	133	132	132	142	142	142	142	58	136	158	145	158	158	158	3942
SALEM UNION	120	122	114	107	90	73	107	114	121	126	130	124	136	146	157	168	166	166	164	162	166	174	181	0	148	184	222	225	225	225	225	4586
TOTAL ASHTON-ST.ANTHONY	843	904	894	912	884	852	904	845	980	949	959	996	1049	1067	1085	1098	1044	1084	1037	1040	1114	1124	1359	1116	1051	1155	1235	1231	1240	1278	1281	32641
EGIN	317	333	322	319	319	322	311	326	322	329	338	340	340	351	352	349	340	337	322	315	322	347	308	345	316	273	357	283	279	272	274	10170
ST. ANTHONY UNION FEEDER	90	91	92	92	92	93	94	95	95	96	96	97	96	94	93	92	93	94	95	95	96	96	97	100	104	109	110	110	110	111	112	3035
INDEPENDENT	253	275	266	257	253	245	266	277	297	304	315	320	318	329	334	327	341	336	322	311	297	306	361	343	361	364	376	378	378	364	359	9835
CONSOLIDATED FARMERS	232	232	215	209	208	207	206	205	205	204	203	220	238	239	240	241	236	232	228	224	220	232	144	240	235	230	259	259	259	259	262	7105
TOTAL ST.ANTHONY-REXBURG	892	921	895	877	872	867	877	903	919	935	952	977	992	1013	1025	1029	1010	994	967	945	935	981	1010	1048	1064	1076	1121	1127	1133	1107	1111	30564

TETON RIVER CANALS

SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	64	64	66	69	75	80	90	98	100	120	130	130	130	1649
WILFORD	17	17	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	50	55	61	67	278
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	20	27	27	27	27	30	32	34	224
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	36	36	36	35	34	33	33	279
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14	14	14	96
PINCOCK-BYINGTON	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	24	24	24	25	26	27	709
PINCOCK-GARDNER	22	22	22	22	21	21	21	21	21	20	20	20	20	20	22	24	26	25	25	24	24	24	24	24	24	24	24	25	26	27	5748	
TETON ISLAND FEEDER	130	130	131	130	130	130	129	131	100	70	38	40	42	44	46	172	0	0	0	99	172	169	330	404	420	460	490	434	269	342	466	852	
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	14	14	16	20	30	40	50	53	51	51	50	49	48	48	47	47	47	47	45	43	41	93	
ROXANA	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	4	4	3	3	5	7	7	1428	
ISLAND WARD	64	64	64	50	40	30	28	28	28	28	30	30	30	35	40	50	50	54	50	45	42	48	50	54	55	56	57	57	57	57	57	357	
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	39	39	38	39	0	0	23	38	36	36	30	1318
CITY OF REXBURG	24	24	24	24	24	24	24	24	24	22	0	0	0	0	30	50	58	58	56	53	51	53	55	57	60	63	68	73	70	65	60	55	1318
REXBURG IRRIGATION	50	50	56	56	60	65	70	75	84	0	0	0	0	265	274	278	281	288	270	230	201	205	210	210	210	215	220	210	230	270	281	4983	
MCCORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHARP-SOMERS	0	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	18	18	20	115	
TOTAL																																

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR JUNE 1936 — PLATE NO. 17

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	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
HARRAIGFELD	Dry																														
MARYSVILLE	36	56	73	73	88	120	138	148	161	170	175	175	176	180	181	186	184	184	189	189	194	206	202	206	207	209	206	204	210	204	4930
TAL ABOVE SQUIRREL	36	56	73	73	88	120	138	148	161	170	175	175	176	180	181	186	184	184	189	189	194	206	202	206	207	209	206	204	210	204	4930
FARMERS OWN	26	26	36	47	61	70	74	75	74	70	72	75	76	78	70	72	76	76	74	76	80	82	81	75	80	86	82	74	78	71	2069
ALMY	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	70
ENTERPRISE	129	134	137	138	147	158	171	177	163	157	170	174	184	185	184	186	186	186	186	163	0	0	42	0	76	127	123	147	157	174	4181
BELL	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	9	9	10	10	10	11	11	11	11	11	11	11	318
FALL RIVER	448	448	448	448	440	300	291	320	380	422	420	420	420	420	410	420	420	410	410	409	409	0	0	201	201	201	201	260	379	370	10336
MCBEE	7	6	5	5	5	6	6	6	6	6	6	5	5	5	4	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	134
CHESTER	94	92	91	94	93	96	80	98	80	73	73	73	73	73	72	72	71	71	70	53	69	69	62	76	72	69	67	63	63	52	2254
SILKEY	21	20	19	19	18	18	18	18	18	18	17	17	17	17	16	16	15	12	11	11	12	12	12	12	12	12	12	12	12	12	463
CURR	49	49	48	48	47	47	47	46	46	45	50	55	60	63	60	58	55	50	46	42	43	43	44	44	44	43	43	41	39	39	1434
TAL SQUIRREL-CHESTER	785	786	795	810	822	709	701	754	781	805	823	833	849	854	840	841	841	823	812	768	627	222	258	426	503	555	545	634	745	735	21282

HENRYS FORK CANALS

DEWEY	13	15	17	20	24	24	24	20	15	11	11	11	11	11	11	11	11	11	11	11	11	11	14	14	14	14	14	14	14	14	427
LAST CHANCE	103	100	88	86	85	86	87	87	88	87	87	84	63	54	58	63	63	56	50	44	47	92	85	85	85	86	86	94	94	89	2384
CROSS CUT	DRY ALL MONTH																														0
ST. ANTHONY UNION	530	530	530	525	524	520	515	510	505	500	495	490	490	484	480	475	465	460	460	458	460	465	470	475	480	480	483	480	473	449	14667
FARMERS FRIEND	203	203	203	182	182	182	182	182	182	208	181	181	181	110	49	49	79	110	110	100	118	118	118	40	40	48	48	48	48	46	3755
TWIN GROVES	158	158	157	164	164	162	159	162	166	166	164	164	164	156	95	95	95	132	132	132	132	132	132	87	87	111	109	111	111	111	4068
SALEM UNION	224	232	228	228	229	230	228	227	224	220	218	216	214	199	184	174	174	170	166	162	162	200	197	194	183	172	162	138	124	94	5765
OTAL ASHTON-ST. ANTHONY	1231	1238	1223	1205	1208	1204	1195	1188	1180	1192	1156	1148	1123	1022	877	867	887	947	937	907	950	1018	1016	845	887	911	903	877	844	803	31060
EGIN	374	374	353	367	374	356	342	324	295	306	335	302	295	247	251	247	273	275	275	270	295	295	276	261	261	261	256	249	249	249	8896
ST. ANTHONY UNION FEEDER	108	103	99	97	97	97	96	96	90	90	80	70	50	34	40	50	55	55	55	58	56	52	45	40	38	36	36	37	31	29	1924
INDEPENDENT	361	352	306	311	311	304	294	288	255	251	245	242	245	201	209	224	226	222	238	230	277	290	279	209	213	211	211	201	176	163	7545
CONSOLIDATED FARMERS	261	292	288	285	295	285	264	260	256	252	250	248	246	244	246	223	200	222	207	192	194	196	198	200	203	202	201	201	201	201	7009
TOTAL ST. ANTHONY-REXBURG	1110	1121	1045	1060	1067	1042	996	968	896	899	910	862	836	726	746	744	754	774	775	750	822	833	801	710	715	710	704	688	657	642	25370

TETON RIVER CANALS

SIDDOWAY	17	20	25	24	24	25	26	26	18	27	26	24	23	21	20	18	17	17	17	17	16	17	17	17	18	17	16	15	13	14	560
WILFORD	100	55	164	165	167	170	173	185	174	164	137	140	134	163	157	156	159	163	132	110	130	143	113	110	119	119	119	119	119	127	4116
TETON IRRIGATION	87	85	90	92	91	84	88	97	88	92	33	94	96	80	88	92	80	87	66	78	86	88	84	77	83	82	80	77	66	66	2427
TETON IRRIGATION	87	85	90	92	91	84	88	97	88	92	33	94	96	80	88	92	80	87	66	78	86	88	84	77	83	82	80	77	66	66	2427
GOOD LUCK	20	26	27	28	28	28	29	29	29	28	26	28	30	33	36	38	39	40	40	40	40	41	41	42	40	38	36	35	25	13	987
PIONEER	35	37	37	37	37	36	36	36	36	36	35	35	34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	20	5	995
STEWART	33	32	32	32	32	31	31	31	31	32	33	34	34	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	25	13	545
PINCOCK-AVINGTON	16	15	15	15	15	15	15	15	15	15	15	20	25	27	27	27	27	27	25	20	17	16	14	11	12	17	17	17	17	17	633
PINCOCK-GARNER	27	26	26	25	24	24	24	24	24	20	18	18	24	24	24	24	24	24	23	22	22	22	22	22	22	21	21	21	21	20	2447
TETON ISLAND FEEDER	498	504	504	508	511	502	492	480	460	430	404	415	427	430	430	430	430	434	433	432	431	422	410	350	308	305	300	296	256	235	10335
NORTH SALEM	39	36	33	32	31	30	30	29	29	28	27	27	27	27	26	26	26	26	26	26	30	40	48	48	48	48	48	48	48	48	1440
ROXANA	12	19	25	34	32	30	30	28	26	26	24	2	2	2	1	1	2	2	2	2	2	2	14	14	14	16	16	18	20	20	1331
ISLAND WARD	58	58	53	48	50	52	54	55	57	55	50	45	41	40	30	16	20	35	35	37	37	36	35	34	33	33	33	34	34	34	1291
WOODMANSEE-JOHNSON	33	36	38	40	42	42	44	40	36	38	38	40	40	40	40	40	42	42	44	40	36	52	52	52	50	49	50	51	52	52	1343
CITY OF REXBURG	41	42	42	41	41	41	41	40	40	40	39	37	36	35	34	22	32	40	46	46	46	53	51	50	49	47	45	43	43	40	1288
REXBURG IRRIGATION	282	277	291	262	286	288	289	291	265	286	159	154	235	232	240	242	274	274	273	190	253	297	294	283	246	264	252	276	278	282	8240
MCCORMICK-ROWE	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	251
SAVARY-SOMMERS	14	13	15	1	1	1	1	10	12	12	12	11	11	10	10	10	10	9	8	7	7	8	7	7	7	7	7	7	7	7	251
TOTAL	1331	1357	1448	1342	1423	1402	1418	1414	1355	1389	1144	1137	1233	1241	1245	1236	1275	1315	1267	1151	1177	1289	1251	1107	1079	1071	1044	1047	1017	1017	38483

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR JUNE 1938

PLATE NO. 17

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	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
HARRISFELD	Dry																														
MARYSVILLE	36	56	73	73	88	120	138	148	161	170	175	175	176	180	181	186	184	184	189	189	194	206	202	206	207	209	206	204	210	204	0
TOTAL ABOVE SQUIRREL	36	56	73	73	88	120	138	148	161	170	175	175	176	180	181	186	184	184	189	189	194	206	202	206	207	209	206	204	210	204	4930
FARMERS OWN	26	26	36	47	61	70	74	75	74	70	72	75	76	78	70	72	76	76	74	76	80	82	81	75	80	86	82	74	78	71	2019
ALMY	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	76
ENTERPRISE	129	134	137	138	147	158	171	177	163	157	170	174	184	185	184	186	186	186	186	163	0	0	42	0	76	127	123	147	151	174	4481
BELL	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	9	9	10	10	10	11	11	11	11	11	11	11	318
FALL RIVER	448	448	448	448	448	300	291	320	380	422	420	420	420	420	420	420	420	410	410	409	409	0	0	201	201	201	201	260	379	370	10336
McBEE	7	6	5	5	5	6	6	6	6	6	6	5	5	5	4	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	134
CHESTER	94	92	91	94	93	96	80	98	80	73	73	73	73	73	72	72	71	71	70	53	69	69	62	76	72	69	67	63	63	52	2254
SILKEY	21	20	19	19	18	18	18	18	18	18	18	17	17	17	17	16	16	15	12	11	11	12	12	12	12	12	12	12	12	12	462
CURR	49	49	48	48	47	47	47	46	46	45	50	55	60	63	60	58	55	50	46	42	43	43	44	44	44	43	43	41	39	39	1434
TOTAL SQUIRREL-CHESTER	785	786	795	810	822	709	701	754	781	805	823	833	849	854	840	841	841	823	812	768	627	222	258	426	503	555	545	634	745	735	21282

HENRYS FORK CANALS

DEWEY	13	15	17	20	24	24	24	20	15	11	11	11	11	11	11	11	11	11	11	11	11	11	14	14	14	14	14	14	14	14	417
LAST CHANCE	103	100	88	86	85	86	87	87	88	87	87	84	63	54	58	63	63	54	50	44	67	92	85	85	85	86	86	94	94	89	2364
CROSS CUT	DRY ALL MONTH																														0
ST. ANTHONY UNION	530	530	530	525	524	520	515	510	505	500	495	490	490	484	480	475	465	460	460	458	460	465	470	475	480	480	483	480	473	449	14667
FARMERS FRIEND	203	203	203	182	182	182	182	182	182	208	181	181	181	119	49	49	79	119	119	100	118	118	118	40	40	48	48	48	48	46	3755
TWIN GROVES	158	158	157	164	164	162	159	162	166	166	164	164	164	156	95	95	95	132	132	132	132	132	132	87	87	111	109	111	111	111	4068
SALEM UNION	234	232	228	228	229	230	228	227	224	220	218	216	214	199	184	174	174	170	166	162	162	200	197	194	193	172	162	130	124	94	5263
TOTAL ASHTON-ST. ANTHONY	1231	1238	1223	1205	1208	1204	1145	1188	1180	1192	1156	1148	1123	1022	877	867	887	947	937	907	950	1018	1016	935	884	911	902	877	864	803	31060
EGIN	374	377	353	367	374	356	342	324	295	306	335	302	295	247	251	247	273	295	275	270	245	245	274	267	261	254	256	249	249	249	8846
ST. ANTHONY UNION FEEDER	108	103	98	97	97	97	96	96	90	90	80	70	50	34	40	50	55	55	55	58	56	52	45	40	38	36	36	37	38	29	1424
INDEPENDENT	361	352	306	311	311	304	294	298	255	251	245	242	245	201	209	224	236	232	238	230	237	290	279	209	213	211	211	201	176	165	7545
CONSOLIDATED FARMERS	267	292	288	285	295	285	264	260	254	251	250	248	246	244	246	223	200	223	207	192	194	196	196	200	203	202	201	201	201	201	7009
TOTAL ST. ANTHONY-REXBURG	1110	1124	1045	1060	1067	1042	996	968	894	899	910	862	836	726	746	744	754	774	775	750	822	833	801	710	715	710	704	688	664	642	25370

TETON RIVER CANALS

STODDARD	17	20	25	14	24	25	24	23	18	27	26	24	23	21	20	18	17	17	17	17	16	17	17	17	17	17	19	15	13	12	570
WILFORD	100	55	64	65	67	70	73	75	74	64	137	140	134	123	127	126	125	123	123	113	120	114	114	110	114	119	119	119	116	127	4819
TETON IRRIGATION	87	85	90	92	91	84	88	87	88	82	33	74	96	80	98	92	90	87	66	78	86	88	84	77	83	82	80	77	66	66	2427
GOOD LUCK	20	26	27	28	28	28	29	29	29	28	26	28	30	33	36	38	39	40	40	40	40	41	41	42	40	38	36	35	25	13	973
PIONEER	36	37	37	37	37	34	34	36	36	36	35	35	34	34	34	33	33	33	33	33	33	33	35	33	33	33	33	33	20	5	987
STEWART	33	32	32	32	32	31	31	31	31	32	33	34	34	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	25	13	995
PINCOCK-BYINGTON	15	15	15	15	15	15	15	15	15	15	15	20	25	27	27	27	27	27	25	20	17	15	14	11	12	17	17	17	17	17	545
PINCOCK-GARNER	27	26	26	25	24	24	24	24	24	20	18	18	24	24	24	24	24	24	23	22	22	22	22	22	22	21	21	21	21	20	683
TETON ISLAND FEEDER	498	500	504	508	511	502	492	480	460	430	404	415	427	430	430	430	430	434	433	432	431	472	410	350	308	305	300	294	255	235	12467
NORTH SALEM	39	36	33	32	31	30	30	29	29	28	27	27	27	27	26	26	26	26	26	26	30	40	48	48	48	48	48	48	48	48	1035
ROXANA	12	19	25	34	32	30	30	28	26	26	26	2	2	2	1	1	2	2	2	2	2	2	14	14	14	16	16	18	20	20	440
ISLAND WARD	58	58	53	48	50	52	54	55	57	55	50	45	41	40	30	15	20	35	35	37	37	36	35	34	33	33	33	34	34	34	1221
WOODMANSEE-JOHNSON	33	36	38	40	42	42	44	40	36	38	38	40	40	40	40	40	42	42	44	40	36	32	54	52	50	49	50	51	52	52	1291
CITY OF REXBURG	51	42	47	41	41	41	41	40	40	40	39	37	36	35	34	33	33	42	46	46	46	53	51	50	49	47	45	41	43	40	1443
REXBURG IRRIGATION	282	277	291	262	280	288	285	269	265	266	259	254	235	232	244	242	274	274	272	190	255	297	294	281	265	264	272	278	276	282	8063
MCCORMICK-ROWE	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	240
SAVAY-SOMMERS	16	13	15	1	1	1	1	10	12	12	12	11	11	10	10	10	10	9	8	7	7	8	7	7	7	7	7	7	7	7	353
TOTAL	1331	1285	1395	1347	1414	1401	1411	1410	1355	1333	1276	1237	1245	1165	1179	1147	1185	1247	1211	1078	1165	1265	1205	1044	1000	1000	1000	1000	1000	1000	38167

PLATE NO. 15

DAILY DISCHARGE IN SEC.-FT OF HENRYS FORK CANALS FOR JULY 1938

HENRYS 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	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
FARMERS FRIEND	DRY																															
MARYSVILLE	86	104	105	59	59	59	59	59	59	59	59	88	110	130	130	134	134	134	133	133	6	6	5	5	5	136	134	135	132	129	129	3,578
TOTAL ABOVE SQUIRREL	86	104	105	59	59	59	59	59	59	59	59	88	110	130	130	134	134	134	133	133	6	6	5	5	5	136	134	135	132	129	129	3,578
FARMERS OWN	21	38	16	16	16	16	16	16	16	16	16	39	46	47	48	46	46	47	47	47	0	0	0	0	0	0	0	0	0	0	0	1,016
DAMY	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	111	116	116	115	109	108	111	111	111	1,115
ENTERPRISE	158	140	130	110	108	107	107	106	105	104	103	101	101	104	104	110	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	1,869
BELL	10	8	6	5	3	5	5	5	5	4	3	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	71
FALL RIVER	248	247	247	247	247	250	374	370	370	370	370	360	337	361	383	371	371	368	368	368	371	371	371	370	371	369	369	369	369	369	369	10,111
MC BEE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	93
CHESTER	41	35	30	24	20	24	24	24	24	24	24	40	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	1,232
SILKEY	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
CURB	30	25	20	15	14	14	14	14	14	14	14	19	19	19	33	40	41	43	42	42	42	42	42	42	42	42	42	42	42	42	42	1,143
TOTAL SQUIRREL-CHESTER	526	529	495	485	483	488	612	606	603	602	601	651	669	709	747	761	660	656	654	654	466	466	599	595	596	715	707	707	707	704	704	19,845

HENRYS FORK CANALS

DEWEY	11	11	11	11	11	11	11	33	38	38	33	33	33	33	33	33	33	33	33	33	0	0	13	10	10	38	38	10	8	8	8	1,043
LAST CHANCE	87	87	80	80	30	30	30	63	63	68	70	78	85	85	83	83	83	83	83	84	10	0	42	46	43	46	46	46	43	43	43	1,943
CROSS CUT	DAY	ALL	MONTH																													0
ST ANTHONY UNION	446	431	335	348	333	335	330	315	309	340	339	440	440	440	440	440	440	440	440	440	441	441	434	409	409	409	409	398	398	398	398	11,843
FARMERS FRIEND	44	44	40	40	40	0	31	31	31	31	31	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	1,317
TWIN GROVES	100	90	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	1,200
SALEM UNION	94	90	70	54	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	1,156
TOTAL ASHTON-ST ANTHONY	691	653	516	522	461	442	479	528	528	575	570	739	746	746	744	744	744	744	744	745	532	522	570	536	536	636	636	535	530	530	530	16,502
EGIN	100	140	130	110	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	3,450
ST ANTHONY UNION FEEDER	35	35	35	24	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	961
INDEPENDENT	150	140	130	110	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	3,450
CONSOLIDATED FARMERS	101	94	85	77	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	2,611
TOTAL ST ANTHONY-REXBURG	1,077	1,062	896	843	806	787	824	873	873	920	915	1,084	1,091	1,091	1,089	1,089	1,089	1,089	1,089	1,090	877	867	915	881	881	981	981	880	875	875	875	27,974

TETON RIVER CANALS

SIDEAWAY	15	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILLOW	100	90	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	1,240
TETON IRRIGATION	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	1,705
GOOD LUCK	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
PIONEER	10	0	0	0	0	0	0	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
STEWART	10	8	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	105
LINCOLN-LYMGTON	11	11	11	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINCOLN-GARNER	200	180	140	135	135	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER	0	0	0	0	0	0	0	0	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 SALEM	13	13	13	13	13	13	13	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
ARVANA	35	32	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
LEVAND-WARD	58	45	40	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
WOODMANSEE-JOHNSTON	47	45	40	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
CITY OF REXBURG	110	105	100	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
REXBURG IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACOMICA-HOPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRUAX-SUNHEELS	0	0	0	0	0	0	0	0	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	517	460	394	344	344	341	346	288	283	283	283	283	283	283	283	283	283	283	283	283	238	238	238	238	238	238	238	238	238	238	238	6,206

PLATE NO. 19

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR AUGUST 1938

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	6	6	6	8	3	15	11	15	17	0	6	9	8	0	9	11	11	11	12	12	12	11	0	0	0	0	0	0	0	0	0	207
HARRISFIELD	Dry																															0
MARYSVILLE	118	118	118	115	126	135	68	63	68	0	0	0	0	0	0	44	47	47	47	47	47	46	47	46	47	47	0	0	0	0	0	1435
TOTAL ABOVE SQUIRREL	124	124	124	123	129	140	79	82	85	0	6	9	8	0	9	55	58	58	59	59	59	57	47	46	47	47	0	0	0	0	0	1642
FARMERS OWN	59	43	44	43	43	43	25	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	425
ALMY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	122	121	123	123	122	121	121	124	125	123	125	125	124	126	126	125	121	122	123	122	124	124	124	124	124	126	124	124	128	128	128	3840
BELL	3	4	4	4	3	4	5	6	6	6	3	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	5	4	136
FALL RIVER	354	371	368	362	362	356	354	371	387	371	379	371	350	358	352	350	341	337	341	337	337	358	366	366	371	371	371	362	375	373	368	11190
McBEE	2	2	2	2	4	4	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	0	0	2	3	79
CHESTER	11	11	10	10	11	12	11	15	16	7	2	2	17	17	18	17	19	19	19	19	20	20	20	20	25	25	24	24	24	18	19	502
SILKEY	18	18	18	18	17	13	14	17	21	21	21	21	21	21	22	20	16	15	16	13	0	0	0	0	14	14	10	10	10	11	11	441
CURA	46	44	44	44	43	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	39	39	39	39	39	31	31	31	31	31	1227
TOTAL SQUIRREL-CHESTER	615	614	612	606	605	596	575	603	625	597	600	592	560	570	566	560	546	542	547	540	530	548	556	556	577	579	564	555	572	568	564	17640

HENRYS FORK CANALS

DEWEY	9	8	8	9	13	15	15	15	15	15	15	15	15	15	15	16	16	16	17	16	12	12	12	12	13	12	13	13	13	12	12	12	411
LAST CHANCE	43	42	43	43	44	43	43	42	43	42	42	42	42	41	41	42	40	40	40	40	40	42	42	38	38	38	38	38	38	37	38	1265
CROSS CUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	86	86	86	80	424
ST. ANTHONY UNION	424	419	410	414	415	432	434	475	420	402	405	405	402	393	389	400	393	387	389	349	344	341	342	343	346	343	343	343	340	333	330	11907
FARMERS FRIEND	57	57	57	57	58	59	59	59	59	59	41	38	38	38	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	777
TWIN GROVES	91	91	90	90	92	59	58	55	55	62	58	57	58	59	60	42	42	40	41	42	41	41	40	40	39	22	21	20	21	20	19	1566
SALEM UNION	162	168	162	166	168	168	172	162	140	140	143	140	120	123	129	116	114	111	113	84	80	80	80	80	94	94	102	96	99	99	89	3844
TOTAL ASHTON-ST. ANTHONY	788	785	770	779	790	776	781	808	782	720	704	697	675	669	676	616	605	595	599	527	517	516	514	514	529	510	603	586	596	587	569	20194
EGIN	347	334	315	320	301	301	310	308	315	290	299	297	297	283	291	244	241	259	256	251	258	255	252	236	236	234	230	218	215	235	216	8374
ST. ANTHONY UNION FEEDER	44	40	48	50	52	50	59	58	71	79	83	70	84	74	72	71	79	77	79	54	83	93	81	82	81	81	74	72	74	74	42	2121
INDEPENDENT	234	197	176	195	203	172	211	207	236	211	211	205	205	163	139	142	142	139	142	142	142	142	142	142	142	142	123	118	120	116	108	5099
CONSOLIDATED FARMERS	177	168	164	171	171	178	194	159	165	152	168	172	174	190	171	171	132	170	171	168	170	170	127	126	124	121	121	110	92	81	81	4742
TOTAL ST. ANTHONY - REXBURG	792	739	703	736	727	701	764	732	787	732	761	744	760	680	623	628	634	645	648	623	653	653	602	596	596	590	558	526	501	506	446	20335

TETON RIVER CANALS

STODDARD	15	15	11	13	17	17	18	18	17	16	17	16	15	15	15	15	15	15	14	14	13	13	13	14	16	16	16	16	16	16	16	461
WILFORD	69	64	65	64	66	68	68	67	70	67	66	66	66	64	67	67	66	68	70	70	68	68	65	67	65	67	66	65	67	66	65	2132
TETON IRRIGATION	83	80	78	79	78	76	78	73	72	72	74	76	75	74	75	70	66	66	66	64	63	58	51	52	52	52	54	54	49	48	48	2029
GOOD LUCK	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	14	13	13	14	15	15	19	18	18	18	19	19	19	19	21	21	453
PIONEER	12	12	12	12	0	18	18	14	13	13	13	13	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	265
STEWART	11	11	11	11	11	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	298
PINCOCK-BYINGTON	7	7	7	7	8	7	7	7	7	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	311
PINCOCK-GRANGER	32	26	0	27	24	9	9	10	10	9	9	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	261
TETON SUGAR FEEDER	263	263	251	248	238	251	258	260	238	314	314	314	311	308	314	315	317	316	316	310	204	188	188	204	202	199	209	202	202	202	202	7610
NORTH SIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANA	23	21	15	9	9	9	11	13	13	14	20	19	19	4	15	23	17	19	23	19	17	0	0	0	0	0	0	0	0	0	0	339
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
WOODHARRIS-JOHNSON	23	22	23	23	23	0	0	0	22	14	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	491
CITY OF REXBURG	33	31	34	33	33	27	29	34	29	27	26	27	27	29	29	29	30	31	32	32	29	33	33	33	33	33	33	33	33	33	33	0
REXBURG IRRIGATION	150	136	136	130	123	101	130	133	132	126	143	144	140	133	134	130	133	135	114	115	109	118	135	140	140	142	139	140	140	140	140	4144
MCCORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STAUB-SCHULTZ	0	10	10	7	7	33	33	33	33	21	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	1023
TOTAL	731	688	653	656	649	662	712	713	675	676	734	740	729	697	731	741	737	744	745	726	618	594	591	615	613	615	623	616	618	618	618	23,000

PLATE NO. 10

DAILY DISCHARGE IN SEC.-FT. OF HENRYS FORK CANALS FOR SEPT. 1938

FALL RIVER CANALS

NAME OF CANAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRIGFELD	Dry																														0
MARYSVILLE	20	20	20	20	20	20	20	20	20	19	19	19	19	23	23	20	20	20	20	36	36	36	36	24	20	20	20	20	20	20	670
TOTAL ABOVE SQUIRREL	20	20	20	20	20	20	20	20	20	19	19	19	19	23	23	20	20	20	20	36	36	36	36	24	20	20	20	20	20	20	670
FARMERS OWN	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	16	166
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	129	129	129	128	127	126	125	126	127	127	127	125	126	126	126	49	121	121	121	120	120	123	123	123	123	123	122	121	121	121	3657
BELL	5	5	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	48
FALL RIVER	375	362	348	344	341	340	339	339	100	314	314	314	311	308	314	320	304	303	303	297	291	293	295	292	289	287	287	287	287	287	9185
McBEE	3	3	3	3	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46
CHESTER	19	18	18	18	18	18	18	20	23	21	19	18	18	18	18	18	18	18	18	19	20	20	20	20	20	20	20	20	19	18	570
SILKEY	11	11	11	8	6	6	6	14	32	32	6	6	5	4	5	6	7	7	8	11	14	14	14	13	13	12	12	11	11	11	367
CURR	29	22	16	14	11	11	11	11	11	11	11	11	11	11	11	11	13	16	18	17	17	17	17	17	18	18	23	29	33	18	474
TOTAL SQUIRREL-CHESTER	571	550	529	518	507	505	503	514	298	498	480	478	483	479	486	416	475	477	480	476	474	478	481	477	475	472	476	480	473	467	14446

HENRYS FORK CANALS

DEWEY	12	12	12	12	12	12	12	12	12	12	12	12	10	9	9	9	9	9	9	9	9	9	9	9	9	9	11	13	12	11	315
LAST CHANCE	38	38	38	38	38	29	20	14	8	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	435
CROSS CUT	74	74	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185
ST. ANTHONY UNION	332	330	328	330	332	328	325	328	332	325	318	311	310	308	306	304	297	300	300	302	303	304	306	308	310	312	310	309	308	306	9412
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWIN GROVES	19	19	19	19	37	41	41	73	73	60	40	32	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	841
SALEM UNION	87	86	84	86	89	98	98	92	95	97	100	102	105	107	104	102	100	99	98	98	98	98	98	104	118	129	124	95	0	0	2729
TOTAL ASHTON-ST. ANTHONY	562	559	518	485	507	498	486	514	520	503	479	456	455	454	448	440	435	437	436	438	439	440	442	454	466	471	474	446	429	394	13896
EGIN	183	183	183	182	180	180	180	191	202	200	200	199	199	194	194	199	189	190	192	197	203	210	218	214	231	233	240	159	174	174	5686
ST. ANTHONY UNION FEEDER	57	56	56	59	62	58	55	62	70	69	69	67	67	67	65	62	61	60	59	58	57	58	58	58	57	57	57	54	54	54	1811
INDEPENDENT	116	115	115	118	121	120	119	127	135	130	130	126	126	126	126	123	120	117	114	112	110	126	142	141	141	140	140	139	147	156	3818
CONSOLIDATED FARMERS	99	90	92	95	96	100	103	103	109	104	103	103	93	83	85	88	83	83	86	86	86	86	86	96	96	96	86	86	86	42	2746
TOTAL ST. ANTHONY - REXBURG	445	444	446	454	461	458	457	483	511	503	501	495	485	475	475	472	457	454	451	453	455	480	504	504	505	505	503	439	460	426	14061

TETON RIVER CANALS

SIDDOWAY	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	9	9	9	9	9	9	9	9	9	9	11	311
WILFORD	82	80	78	76	75	74	74	76	76	75	74	73	71	71	71	72	74	73	71	70	68	67	67	65	68	70	71	73	75	75	2317
TETON IRRIGATION	45	44	44	43	43	43	43	43	43	42	47	52	50	51	52	47	42	43	44	44	46	46	47	48	46	45	44	46	46	46	1333
GOOD LUCK	27	26	24	22	22	22	21	20	15	5	7	8	9	17	25	25	25	25	25	24	23	23	12	11	11	11	12	12	12	12	516
PIONEER	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	21	22	22	21	21	21	21	12	12	13	13	13	12	12	12	299
STEWART	0	0	0	0	0	0	0	0	0	17	17	16	16	16	16	16	16	15	15	14	14	15	12	12	12	12	12	12	12	12	334
PINCOCK-BYINGTON	13	13	12	12	11	11	10	10	11	12	12	11	11	11	11	11	10	10	10	2	2	2	2	2	2	2	2	2	2	2	237
PINCOCK-GARNER	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	19	19	19	17	12	12	12	12	12	12	12	12	5472
TETON ISLAND FEEDER	119	118	116	115	113	111	113	115	155	194	210	225	239	230	221	228	233	226	220	216	213	210	207	204	200	190	178	182	185	185	5472
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	1	2	2	2	5	6	8	10	9	8	9	9	10	9	8	8	8	8	8	8	9	10	12	13	12	9	6	4	1	1	215
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	38	36	34	32	30	27	27	27	24	21	19	17	14	11	8	8	8	7	7	6	6	6	12	19	17	14	11	11	11	11	519
CITY OF REXBURG	35	35	32	32	28	24	24	22	24	23	22	21	20	20	20	17	19	20	32	44	37	30	30	30	30	29	29	29	33	33	816
REXBURG IRRIGATION	191	191	189	187	182	137	134	132	128	124	124	124	124	126	129	137	140	140	135	110	100	99	105	126	120	120	116	115	114	114	3498
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
SAURY-SOMMERS	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	43
TOTAL	570	570	556	542	531	496	491	502	510	544	544	554	554	553	553	603	614	620	610	588	558	551	543	576	555	526	510	516	522	522	16,144

HENRYS

DATE	HENRYS LAKE Cont. Ac-Ft.	HENRYS FORK NEAR LANE STOR	HENRYS FORK NEAR LANE NORM	HENRYS FORK NEAR LANE TOTAL	STORED LOSS LANE TO ISLAND PARK
JULY 20	42565	0	52	52	0
21	42478	30	52	82	1
22	42422	54	52	106	2
23	42509	50	52	102	2
24	42453	50	52	102	2
25	42117	51	52	103	2
26	42117	50	52	102	2
27	42117	50	50	100	2
28	42061	51	50	101	2
29	42061	50	50	100	2
30	42005	50	48	98	2
31	41893	50	47	97	2
AUG. 1	41837	48	47	95	2
2	41500	82	47	129	3
3	41108	97	47	144	4
4	40996	133	46	179	5
5	40548	150	46	196	6
6	40436	148	46	194	6
7	39875	146	46	192	6
8	39315	147	45	192	6
9	39090	147	45	192	6
10	38846	147	45	192	6
11	38194	147	45	192	6
12	37359	240	45	285	10
13	36976	342	45	387	13
14	36537	342	45	387	13
15	35990	342	45	387	13
16	35168	343	44	387	14
17	34510	343	44	387	14
18	33251	343	44	387	14
19	32812	344	43	387	14
20	32429	344	43	387	14
21	31620	344	43	387	14
22	30818	345	42	387	14
23	30282	307	41	348	12
24	29748	247	40	287	10
25	29318	249	38	287	10
26	29051	249	36	285	10
27	28676	217	35	252	9
28	28462	146	34	180	6
29	28248	119	33	152	5
30	28142	117	32	149	5
31	27874	116	31	147	5
SEP. 1	27606	113	31	144	4
2	27500	115	30	145	5
3	27232	114	30	144	5
4	26911	111	30	141	4
5	26648	112	29	141	4

DATE	HENRYS FORK NR. ISLAND PARK STOR	HENRYS FORK NR. ISLAND PARK NORM	HENRYS FORK NR. ISLAND PARK TOTAL	STORED LOSS ISLAND PARK TO WARM RIVER
JULY 21				
22	39	542	581	1
23	55	545	595	1
24	46	561	607	1
25	48	556	604	1
26	49	560	609	1
27	48	556	604	1
28	48	556	604	1
29	49	564	613	1
30	48	556	604	1
31	48	547	595	1
AUG. 1	46	533	581	1
2	46	535	581	1
3	79	498	577	2
4	93	484	577	2
5	128	490	618	3
6	144	502	646	3
7	142	514	656	3
8	140	516	656	3
9	141	519	660	3
10	141	519	660	3
11	141	519	660	3
12	141	519	660	3
13	230	464	694	5
14	329	529	858	6
15	329	534	863	6
16	329	514	843	6
17	329	509	838	6
18	329	509	838	6
19	329	503	832	6
20	330	492	822	6
21	330	487	817	7
22	330	487	817	7
23	331	491	822	7
24	295	527	822	6
25	237	555	792	5
26	239	513	752	5
27	239	494	733	5
28	208	500	708	4
29	140	502	642	3
30	114	490	604	2
31	112	483	595	2
SEP. 1	111	475	586	2
2	109	477	586	2
3	110	476	586	2
4	109	468	577	2
5	107	465	572	2
6	108	460	568	2

HENRYS FORK AT WARM RIVER STOR	HENRYS FORK AT WARM RIVER NORM	HENRYS FORK AT WARM RIVER TOTAL	STORED LOSS WARM RIVER TO ASHTON
20	962	970	0
21	949	1000	0
22	973	1020	0
23	973	1020	0
24	963	1010	1
25	973	1020	0
26	973	1020	0
27	973	1020	0
28	973	1020	0
29	963	1010	1
30	949	996	2
31	939	976	3
AUG. 1	931	976	0
2	923	1000	1
3	919	1010	0
4	895	1020	1
5	899	1040	1
6	911	1050	1
7	913	1050	0
8	902	1040	1
9	892	1030	1
10	892	1030	1
11	902	1040	0
12	885	1110	1
13	842	1170	2
14	887	1210	2
15	877	1200	1
16	867	1190	2
17	867	1190	2
18	857	1180	1
19	856	1180	2
20	877	1200	2
21	867	1190	1
22	866	1190	1
23	891	1180	1
24	918	1150	1
25	896	1130	1
26	886	1120	1
27	876	1080	1
28	883	1020	1
29	888	1000	1
30	880	990	0
31	881	990	1
SEP. 1	874	983	0
2	875	983	1
3	876	983	0
4	865	970	1
5	858	944	0

DATE
JULY 21
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HENRYS FORK NEAR ASHTON STOR	HENRYS FORK NEAR ASHTON NORM	HENRYS FORK NEAR ASHTON TOTAL	DIVERSIONS TO ST. ANTHONY STOR	DIVERSIONS TO ST. ANTHONY NORM	ASHTON ANTHONY TOTAL
0	1380	1380	117	670	787
38	1332	1370	133	646	779
41	1325	1370	133	646	779
47	1263	1310	142	652	794
47	1263	1310	136	650	786
47	1263	1310	136	647	783
47	1293	1340	135	651	786
47	1333	1380	140	654	794
48	1312	1360	136	650	786
48	1334	1380	135	650	785
47	1313	1360	133	650	783
47	1303	1350	136	650	786
46	1335	1380	136	650	786
46	1304	1350	137	650	787
91	1199	1290	109	650	759
134	1196	1330	134	650	784
140	1300	1340	139	650	789
138	1312	1370	140	650	790
137	1303	1340	138	650	788
137	1173	1310	148	650	798
137	1233	1370	138	650	788
324	1196	1520	148	650	798
321	1209	1530	140	650	790
321	1179	1500	138	650	788
322	1158	1480	134	650	784
321	1189	1510	137	650	787
322	1168	1480	141	650	791
322	1158	1480	141	650	791
321	1189	1510	137	650	787
322	1178	1500	138	650	788
323	1187	1510	137	650	787
288	1192	1480	138	650	788
331	1199	1430	136	650	786
233	1167	1400	137	650	787
233	1137	1370	138	650	788
283	1187	1470	139	650	789
136	1084	1220	136	650	786
111	1169	1280	132	650	782
110	1140	1250	132	650	782
108	1112	1220	130	650	780
107	1123	1230	129	650	779
107	1123	1230	128	650	778
107	1113	1220	131	650	781
104	1096	1200	130	650	780
104	1124	1230	146	650	796

HENRYS FORK AT ST. ANTHONY STOR	HENRYS FORK AT ST. ANTHONY NORM	HENRYS FORK AT ST. ANTHONY TOTAL
117	670	787
133	646	779
133	646	779
142	652	794
136	650	786
136	647	783
135	651	786
140	654	794
136	650	786
135	650	785
133	650	783
136	650	786
136	650	786
137	650	787
109	650	759
134	650	784
139	650	789
140	650	790
138	650	788
138	650	788
138	650	788
148	650	798
140	650	790
138	650	788
134	650	784
138	650	788
137	650	787
141	650	791
141	650	791
137	650	787
138	650	788
137	650	787
136	650	786
137	650	787
136	650	786
132	650	782
132	650	782
130	650	780
129	650	779
128	650	778
131	650	781
130	650	780
146	650	796

HENRYS FORK - DAILY SEGREGATION OF FLOW - 1938

24 HOUR SECOND FEET EXCEPT AS NOTED

DATE	HENRYS LAKE Cont. Ac-Ft	HENRYS FORK NEAR LAKE STOR	NORM	TOTAL	STORED LOSS LAKE TO ISLAND PARK	DATE	HENRYS FORK NR. ISLAND PARK STOR.	NORM	TOTAL	STORED LOSS ISLAND PARK TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER STOR	NORM	TOTAL	STORED LOSS WARM RIVER TO ASHTON	DATE
SEP. 6	24438	132	29	161	5	SEP. 7	117	451	568	2	SEP. 8	115	899	964	1	SEP. 9
7	24033	154	30	184	4	8	150	436	586	3	9	147	829	976	1	10
8	25455	156	28	184	4	9	150	445	595	3	10	147	829	976	1	11
9	25446	148	28	176	4	10	142	459	595	3	11	139	837	976	1	12
10	25237	151	27	178	4	11	145	445	590	3	12	142	834	976	1	13
11	24923	138	27	165	5	12	133	453	586	3	13	130	834	964	0	14
12	24714	139	26	165	4	13	133	448	581	3	14	130	834	964	1	15
13	24766	61	26	87	2	14	59	495	554	1	15	58	835	893	0	16
14	24871	0	8	8	0	15	0	444	444	0	16	0	849	849	0	17
15	24923	0	9	9	0	16	0	444	444	0	17	0	837	837	0	18
16	24976	0	9	9		17	0	444	444		18	0	824	824		19
17	24976	0	9	9		18	0	436	436		19	0	818	818		20
18	24976	0	9	9		19	0	432	432		20	0	806	806		21
19	24976	0	9	9		20	0	432	432		21	0	800	800		22
20	25026	0	9	9		21	0	423	423		22	0	794	794		23
21	25028	0	9	9		22	0	423	423		23	0	794	794		24
22	25080	0	9	9		23	0	423	423		24	0	794	794		25
23	25080	0	9	9		24	0	434	434		25	0	800	800		26
24	25132	0	6	6		25	0	445	445		26	0	849	849		27
25		0	3	3		26	0	457	457		27	0	800	800		28
26		0	3	3		27	0	449	449		28	0	794	794		29
27		0	3	3		28	0	444	444		29	0	782	782		30
28		0	3	3		29	0	440	440		30	0	788	788		
29		0	3	3		30	0	440	440							
30		0	3	3												
TOTALS	9003			360			8443			173		8470			42	

DATE	ASHTON ANTHONY		HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST. ANTHONY			STORED BALANCE BELOW DIVERSIONS
	S.M.	TOTAL	STOR	NORM	TOTAL	STOR	NORM	TOTAL	
	18	395	-117	1057	940	0	959	959	-117
	18	391	-95	1078	983	0	885	885	-95
	12	785	-72	1065	983	0	840	840	-72
	10	748	-195	1225	1030	100	714	814	-295
	19	745	-189	1129	940	93	783	876	-282
	9	715	-189	1108	919	42	772	814	-231
	6	751	-188	1107	919	42	742	784	-230
	15	735	-193	1029	836	42	676	718	-235
	10	804	-238	1005	767	42	700	742	-280
	14	788	-238	986	748	42	750	792	-280
	2	785	-236	948	712	126	608	734	-342
	12	770	-241	917	676	106	597	703	-347
	13	779	-241	934	693	85	651	736	-324
	13	790	-221	914	693	85	642	727	-306
	7	776	-318	1002	684	270	431	701	-588
	17	781	-260	981	721	315	449	764	-525
	9	808	-429	1148	739	286	446	732	-715
	12	782	-462	1298	836	321	466	787	-783
	12	720	-341	1207	866	283	449	732	-624
	6	704	-331	1261	930	299	462	761	-630
	16	697	-324	1232	908	297	447	744	-621
	13	675	-295	1235	940	299	461	760	-594
	11	669	-300	1340	1040	263	417	680	-563
	18	676	-224	1324	1100	162	461	623	-386
	36	616	-99	1259	1160	186	442	628	-285
	37	605	-97	1237	1140	186	448	634	-283
	31	595	-72	1202	1130	191	454	645	-263
	37	599	-71	1231	1160	196	452	648	-267
	33	527	-43	1223	1180	136	487	623	-179
	36	517	-39	1219	1180	156	497	653	-195
	35	516	-39	1199	1160	156	497	653	-195
	35	516	0	1180	1180	117	485	602	-117
	36	514	14	1136	1150	116	470	586	-102
	37	529	-4	1144	1140	119	469	588	-123
	36	510	-26	1174	1150	111	469	580	-174
	27	603	-75	1155	1080	99	439	538	-228
	23	596	-140	1140	1020	88	438	526	-215
	20	596	-165	1195	1030	50	457	507	-206
	28	587	-204	1178	972	0	508	508	-260
	12	568	-240	1157	897	0	449	449	-291
	10	562	-291	1285	994	0	445	445	-272
	17	557	-272	1255	983	0	444	444	-263
	18	518	-262	1213	951	0	446	446	-162
	14	485	-162	1145	983	0	454	454	-179
	11	507	-179	1151	972	0	461	461	-129
	17	498	-124	1118	994	0	458	458	-126
	14	486	-126	1066	940	0	457	457	-40
	13	519	-40	1012	972	0	483	483	

PLATE NO. 21

HENRYS LAKE			HENRYS FORK ISLAND PARK		STORED LOSS ISLAND PARK TO WARM RIVER	DATE	HENRYS FORK AT WARM RIVER			STORED LOSS WARM RIVER TO ASHTON	DATE	HENRYS FORK NEAR ASHTON			DIVERSIONS ASHTON TO ST. ANTHONY			HENRYS FORK AT ST. ANTHONY			DIVERSIONS BELOW ST ANTHONY			STORED BALANCE BELOW DIVERSIONS
			STOR	NORM	TOTAL		STOR	NORM	TOTAL			STOR	NORM	TOTAL	STOR.	NORM	TOTAL	STOR	NORM	TOTAL	STOR.	NORM	TOTAL	
			451	568		2	SEP. 8	115	849	964	1	SEP. 9	114	1106	1220	141	379	520	-27	1147	1120	0	511	511	-27
			436	586		3	9	147	829	976	1	10	146	1084	1230	284	219	503	-138	1148	1030	24	479	503	-162
			445	595		3	10	147	829	976	1	11	146	1084	1230	264	215	479	-118	1158	1040	23	478	501	-141
			445	590		3	11	139	837	976	1	12	138	1092	1230	258	198	456	-120	1150	1030	23	472	495	-143
			453	586		3	12	142	834	976	1	13	141	1089	1230	151	304	455	-10	1040	1030	0	485	485	-10
			448	581		3	13	130	834	964	0	14	130	1090	1220	161	293	454	-31	1025	994	0	475	475	-31
			495	554		1	14	130	834	964	1	15	129	1061	1190	161	288	449	-32	1004	972	0	475	475	-32
			444	444		0	15	58	835	893	0	16	58	1022	1080	179	265	444	-121	1008	887	0	472	472	-121
			444	444		0	16	0	849	849	0	17	0	1070	1070	249	186	435	-249	1105	856	0	457	457	-249
			444	444			17	0	837	837	0	18	0	1070	1070	236	201	437	-236	1072	836	0	454	454	-236
			436	436			18	0	824	824		19	0	1070	1070	236	200	436	-236	1052	816	0	451	451	-236
			432	432			19	0	818	818		20	0	1050	1050	251	187	438	-251	1047	816	0	453	453	-251
			432	432			20	0	806	806		21	0	1050	1050	251	188	439	-251	1067	816	0	455	455	-251
			423	423			21	0	800	800		22	0	1050	1050	253	187	440	-253	1069	816	0	480	480	-253
			423	423			22	0	794	794		23	0	1070	1070	254	188	442	-254	1070	816	0	504	504	-254
			423	423			23	0	794	794		24	0	1070	1070	256	198	454	-256	1072	816	0	504	504	-256
			423	423			24	0	794	794		25	0	1070	1070	266	200	466	-266	1082	816	0	505	505	-266
			434	434			25	0	800	800		26	0	1150	1150	264	215	479	-264	1161	897	0	505	505	-264
			445	445			26	0	849	849		27	0	1090	1090	147	332	479	-147	963	816	0	472	472	-147
			457	457			27	0	800	800		28	0	1050	1050	146	300	446	-146	922	776	0	439	439	-146
			449	449			28	0	794	794		29	0	1050	1050	146	203	349	-146	952	806	0	460	460	-146
			444	444			29	0	782	782		30	0	1050	1050	0	346	346	0	836	836	0	484	484	0
			440	440			30	0	788	788			0												
			440	440																					
	3				173		8470			42		8428			20695			-12247			5577			-17844

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

24 HOUR SECOND FEET EXCEPT AS NOTED

DATE	JACKSON LAKE & HENRYS LAKE ON HENRYS FORK & SNAKE RIVER	TOTAL BELOW ST ANTHONY		TETON RIVER CANAL	CONSOLIDATED FARMERS CANAL		INDEPENDENT CANAL		TOTAL ABOVE ST ANTHONY		UNION CANAL		SALEM UNION CANAL		TWIN GROVES CANAL		FARMERS FRIEND CAN		DEWEY AND LAST CHANCE CANALS		CROSS CUT CANAL		ENTERPRISE CANAL		CHESTER CANAL		CONANT CREEK		FARMERS CANAL		MARYSVILLE CANAL		SQUIRREL CREEK	
		JT.	TH.	JT.	TP.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.	JT.	TH.
APRIL 1																																		
2	70								70	47																							0	118
3	70								70	47																							4	118
4	70								70	47																							4	115
5	70								70	47																							4	126
6	70								70	47																							4	125
7	70								70	47																							4	68
8	70								70	47																							4	67
9	70								70	47																							4	68
10	70								70	47																							4	0
11	70								70	47																							4	0
12	70								70	47																							4	0
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14	70								70	47																							4	0
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28	70								70	47																							4	0
29	70								70	47																							4	0
30	70								70	47																							4	0
31	70								70	47																							4	0
SEPT 1	70								70	47																							4	0
2	70								70	47																							4	0
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30	70								70	47																							4	0
31	70								70	47																							4	0
SEPT 1	70								70	47																							4	0
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28	70								70	47																							4	0
29	70								70	47																							4	0
30	70								70	47																							4	0
31	70								70	47																							4	0

AVERAGE DELIVERIES FROM JACKSON LAKE AND HENRYS LAKE TO HENRYS FORK CANALS 1938

24 HOUR SECOND FEET EXCEPT AS NOTED

PLATE NO. [illegible]

1	4	124	0		0	83			47	38	0			239	47	40	45			0	40	45	179
2	4	125	43	0	11	81			47	39	59			362	47	72	100	90			170	100	533
3	4	68	25	12	10	121			47	39	58	0		337	47	111	100	104			215	100	552
4	4	67	25	12	14	124			47	39	55	162		532	47	107	100	79			186	100	708
5	4	48	25	12	15	125			47	39	55	190		553	47	136	100	85			221	100	774
6	4	0	25	12	6	123			47	39	62	140		431	47	111	100	72			183	100	614
7	4		25	25	0	125			47	41	58	143		421	47	111	100	88			199	100	620
8	4		25	25	0	125			47	38	57	140		414	47	105	100	92			197	100	611
9	4		0	25	16	124			47	38	58	120	0	385	47	47	158	94			141	158	536
10	4			25	16	126			47	38	59	23	100	291	147	0	163	100	0		100	163	391
11	4	0		25	16	126			47	41	60	0	129	272	176		71	16	25		16	146	288
12	4	44		25	17	125			47	0	42		116	257	163		95	30	61		30	156	287
13	4	47		25	18	121			47		42		114	257	161		94	29	63		29	157	286
14	4	47		5	18	122			47		40		111	236	158		101	9	81		9	182	245
15	4	47		0	18	122			47		41		113	232	160		105	0	91		0	196	232
16	4	47			18	122			47		42		84	233	131		48		88			136	233
17	4	47			18	56			47		41		148	166	195		66		90			156	166
18	4	46			19	56			47		41		148	166	195		66		90			156	166
19	4	47			19	32			47		0		122	102	219		70		47			117	102
20	4	34			17	32			47		0		122	89	219		70		46			116	89
21	3	35			24	53			47		0		165	115	212		70		49			119	115
22	0	35			12	126			47		0		94	123	141		70		41			111	123
23		0			12	124	21		47		0		102	157	149		58		41			99	157
24					11	124	75		47		20		96	230	143		50		38			88	230
25					11	128	92		47		21	0	99	252	146		50		0			50	252
26					5	128	110		47		20	24	75	287	122		0					0	287
27		0			5	128	108		47		19	14	75	274	122								274
SEP 1		19			6	129	100		42		19	12	75	285	117								285
2		0			6	129	100		42		19	11	75	265	117								265
3					5	129	100		42		19	5	70	258	112								258
4					5	128	0		42		19	5	70	157	112								157
5					5	127			42		37	5	70	174	112								174
6					5	126			25		0	5	70	136	95								136
7					5	125			25		0	5	70	135	95								135
8					6	126			14		0	0	0	132	14								132
9					0	127			14		0	0	0	127	14				0			0	127
10						127			14		60		83	187	97				24			24	187
11						127			14		40		83	147	97				23			23	147
12						127		0	14		22		95	149	109				23			23	149
13			0			126		4	0		21		0	151	0				0			0	151
14			10			126		4			21			161									161
15			10			126		4			21	0		161									161
16			10			49		4			21	95		179									179
17			8			121		4			21	95		249									249
18			0			121		4			21	90		236									236
19		0				121		4			21	90		236									236
20		16				120		4			21	90		251									251
21		16				120		4			21	90		251									251
22		16				122		4			21	90		253									253
23		16				123		4			21	90		254									254
24		0				123		4			21	108		256									256
25						123		4			21	118		246									246
26						123		4			21	116		264									264
27						122		4			21	0		147									147
28						121		4			21			146									146
29						121		4			21			146									0
30						0		0			0			0									18022
TOTAL	91	2200	231	228	391	7404	706	68	2210	674	1592	2076	2879	15411	5084	1076	2125	1091	971	336	2911	3164	35747
MEAN	181	4364	459	452	776	14685	1400	135	4384	1337	3058	4118	5700	30565	10084	2130	4354	1985	1926	667	5383	4210	38448
ACRE FEET	195	4706	495	487	837	15835	1510	146	4683	1442	3297	4440	6090	33390	10773	2297	4651	2141	2059	220	5158	19004	47436
ACRE FEET	⑨ 195	⑩ 4706	⑪ 495	⑫ 487	⑬ 837	⑭ 12894	⑮ 2695	⑯ 657	6147	⑰ 1486	3303	4440	⑱ 2563	11495	15710	⑲ 2297	10268	⑳ 2141	㉑ 8236	㉒ 220	5158	19004	

NOTES

① From Fremont Madison District.
② 4566 from F.M. Dist., including allotments of Boom Creek, Norrigfeld, and Teton Island Canals, 140 from Enterprise.
③ 1465 from F.M. Dist. less 970 transferred to Twin Groves.
④ Allotment of 25104 Am. Falls right, less 2120 to Salem Union, and 140 to Marysville.
⑤ 2341 from F.M. Dist. including allotments of Wilford and Salem Irrig. Canals, plus 539 rented by Canyon Creek Dist. from Pool less 855 to Salem Union and 539 to Twin Groves.
⑥ 1456 from F.M. Dist. including allotments of Teton Irrig. and Siddoway Canals plus 970 from Farmers Own, 539 From Farmers Friend, and 138 from Independent.
⑦ 1465 from F.M. Dist. 2120 from Enterprise, 855 from Farmers Friend.
⑧ 9723 allotment less 140 transferred to Consolidated Farmers.
⑨ 2435 from F.M. Dist. less 138 transferred to Twin Groves.
⑩ 8076 allotment plus 140 transferred from Salem Union.
⑪ From F.M. Dist. including Yellowstone and Island Ward allotments.
⑫ 1510 purchased by Teton Basin Users from Pool, 535 from F.M. Dist. for Wolf, Woodmansee-Johnson, City of Rexburg & Good Luck Canals.
⑬ Purchased from Pool by Teton Basin Users.
⑭ Includes 983 from F.M. Dist. unused by Fall River Canal

Plate No. 23

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	232,020	246,960	267,480	297,810	325,620	349,920	383,600	437,360	663,660	851,070	720,090	517,240
2	232,220	247,590	268,110	298,240	327,120	351,010	384,480	443,950	677,250	850,060	713,700	513,750
3	232,220	248,000	268,740	298,680	328,200	352,110	385,150	449,180	692,370	850,560	707,810	511,200
4	232,220	248,620	269,370	299,300	329,290	353,210	385,810	452,820	708,540	849,550	700,440	507,940
5	232,430	249,030	270,000	299,930	330,370	354,300	386,920	457,370	725,760	849,550	689,690	504,240
6	232,430	249,650	270,630	300,570	331,460	355,180	388,030	460,350	743,810	849,550	679,940	501,010
7	232,430	250,070	271,250	301,210	332,330	356,060	388,910	463,080	763,220	848,510	670,440	496,620
8	232,220	250,690	271,880	301,840	333,200	356,710	389,580	465,820	778,710	847,480	661,480	492,240
9	232,220	251,100	272,510	302,690	334,060	357,370	390,460	468,580	792,000	849,020	652,520	487,160
10	232,220	251,510	273,140	303,540	335,150	358,250	391,130	471,320	807,130	851,070	642,870	483,010
11	232,430	251,930	275,250	304,600	336,230	359,350	391,790	474,300	819,000	850,820	633,780	479,340
12	232,220	252,340	279,000	305,660	337,320	360,220	392,460	478,200	831,450	850,820	626,520	475,450
13	232,220	252,750	281,310	306,950	338,190	361,100	393,120	482,780	844,930	849,790	620,060	472,240
14	232,020	253,370	282,560	308,240	339,060	361,760	394,020	487,620	852,100	847,000	613,610	469,480
15	232,220	253,990	283,810	309,310	339,920	362,420	394,910	494,550	853,120	845,920	606,200	466,970
16	233,650	254,820	284,870	310,380	340,790	363,290	395,810	500,780	853,640	840,860	599,780	464,480
17	234,880	255,650	286,150	311,450	341,440	364,390	396,700	508,870	854,150	838,060	594,080	460,780
18	236,300	257,100	287,210	313,170	342,090	365,270	397,820	517,240	854,920	834,250	588,850	456,920
19	237,530	257,920	288,060	314,670	342,740	365,920	399,610	523,280	854,150	829,410	583,390	451,910
20	238,340	258,980	288,690	315,320	343,610	368,120	402,290	529,790	852,380	823,060	576,510	447,360
21	239,160	260,400	289,530	315,960	344,480	370,310	404,530	534,470	852,870	815,480	569,460	443,270
22	239,970	261,640	290,160	316,820	345,150	371,640	406,320	539,150	855,170	808,870	562,380	436,910
23	240,780	262,260	291,030	318,110	345,780	372,960	409,450	545,940	855,940	797,020	556,020	430,600
24	241,610	262,880	291,670	319,180	346,430	375,180	411,910	553,190	855,680	787,990	549,680	424,730
25	242,420	263,500	292,510	320,040	347,080	377,400	414,140	562,380	854,660	778,960	543,850	418,670
26	243,240	264,340	293,360	320,680	347,740	379,610	417,060	574,160	854,150	770,690	538,680	413,020
27	243,860	264,970	293,990	321,330	348,390	380,270	420,220	586,480	853,120	762,470	534,000	407,880
28	244,480	265,600	294,840	321,760	349,040	380,940	423,150	603,340	852,350	754,500	531,190	402,960
29	245,100	266,230	295,690	322,400		381,600	426,540	620,770	851,840	745,300	527,470	399,580
30	245,720	266,860	296,330	323,260		382,270	430,600	635,660	851,330	736,400	524,910	398,710
31	246,340		296,960	324,350		382,950		649,620		727,420	521,190	
Mean Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 6—7160

Year _____ Mean _____

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	250	34	32	33	31	35	36	100	128	4830	4290	2820
2	250	34	32	33	31	35	36	98	140	4500	4270	2490
3	323	34	31	33	31	35	35	94	150	4260	4590	2480
4	336	34	31	32	31	36	35	90	160	3980	5850	2470
5	336	34	31	32	31	36	35	88	160	3800	6390	2460
6	336	34	31	31	32	36	34	87	160	3790	6230	2790
7	336	34	31	31	32	35	34	82	1710	3480	5880	3300
8	314	34	31	31	33	35	34	76	2480	2460	5830	3400
9	292	34	31	31	33	35	35	68	991	1710	6080	3050
10	292	34	31	31	34	35	36	58	160	2310	6100	2720
11	292	34	31	31	34	34	37	48	160	2520	5240	2580
12	292	34	32	31	34	34	38	47	160	2720	4560	2450
13	292	34	32	31	34	34	40	46	2370	3340	4430	2240
14	271	34	33	31	34	34	41	47	5890	3960	4420	1970
15	250	35	33	31	34	34	42	47	7130	3960	4300	1990
16	124	35	34	31	34	34	44	48	7130	3870	3930	2290
17	48	36	34	31	34	34	47	50	7230	3790	3630	2720
18	40	36	34	31	34	34	49	51	7450	3900	3470	3130
19	37	36	33	31	34	34	52	54	7210	4960	3930	3120
20	34	36	33	31	34	35	55	57	6430	5690	4220	2810
21	34	36	33	31	34	35	58	58	6430	6170	4290	3350
22	34	35	32	31	34	35	61	60	6680	6530	4500	4300
23	34	35	32	31	34	35	66	61	6660	6870	4420	3660
24	34	35	32	31	34	36	71	59	6660	6660	4300	3580
25	34	34	32	30	34	36	77	57	6620	6320	4030	3360
26	34	34	33	30	34	36	82	59	6620	5760	3460	3210
27	34	34	33	30	34	36	87	61	6150	5530	2630	3250
28	34	33	33	30		36	96	73	5630	6060	2390	2810
29	34	33	34	30		36	104	85	5360	6120	2640	1200
30	34	33	34	30		36	102	98	5050	6100	2870	602
31	34		34	30				113		5630	3160	
Mean	165	34.4	32.4	31.0	33.2	35.1	55.3	68.4	3975	4567	4398	2758
Acre-Feet	10,160	2,060	1,990	1,910	1,950	2,160	3,170	4,200	236,500	280,900	270,400	165,800

Year [illegible]

Mean 1,382

Acre-Feet 978,980

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1760	1360	1210	1140	1090	1070	1060	7230	11600	14700	8000	5220
2	1740	1360	1180	1050	1090	1090	1050	6240	11400	14000	7100	4800
3	1720	1340	1180	1040	1100	1100	1060	5560	12100	13100	7020	4560
4	1760	1320	1140	982	1100	1100	1120	5000	12700	12500	7440	4490
5	1800	1310	1200	1050	1080	1100	1180	4560	13400	11900	8550	4430
6	1830	1310	1190		1070	1090	1150	4130	14000	11500	8630	4360
7	1820	1290	1240		1060	1090	1100	3810	14500	10900	8290	4740
8	1800	1280	1290		1080	1040	1100	3610	16200	9940	7940	5100
9	1780	1270	1250		1120	1040	1100	3520	16200	8630	8110	5260
10	1750	1280	1260		1120	1060	1150	3610	13300	8370	8170	4940
11	1740	1290	1320		1120	1090	1190	3840	11000	8460	8050	4560
12	1730	1290	1710		1120	1110	1220	4340	10400	8050	7330	4450
13	1710	1290	1680		1090	1130	1240	5020	10700	7710	6800	4300
14	1710	1290	1620		1060	1150	1340	5560	13900	7800	6650	4080
15	1790	1310	1460		1060	1150	1730	6150	16100	8370	6630	3830
16	1830	1300	1390		1070	1290	2110	6630	17000	9340	6410	3810
17	1780	1340	1360		1040	1290	2170	8020	17400	9160	6100	4030
18	1710	1350	1350	1100	1010	1260	2860	8200	18200	8690	5770	4470
19	1640	1240	1310		1010	1260	4180	7360	18200	8690	5630	4840
20	1560	1290	1280		1040	1260	4160	6410	16600	9620	6000	4660
21	1520	1330	1160		1060	1120	3890	5790	16300	10000	6200	4450
22	1490	1360	1160		1060	1110	3890	5860	17800	10400	6250	5140
23	1480	1370	1180		1070	1100	4080	6340	18400	10600	6320	5560
24	1450	1360	1160		1060	1120	4800	7100	17400	10400	6200	5180
25	1430	1390	1110		1060	1130	4840	8200	16500	10300	6120	5060
26	1390	1310	1140		1060	1060	4880	9680	16900	9750	5930	4860
27	1410	1310	1150		1050	1060	5370	11400	17100	8900	5480	4740
28	1400	1270	1140		1050	1090	6000	12900	16400	9160	4600	4700
29	1380	1240	1140			1100	6290	13600	15900	9190	4490	5160
30	1380	1180	1160			1100	6770	13400	15600	9190	4680	3040
31	1370		1150			1080		12500		8900	4980	
Mean	1,634	1,308	1,267	1,092	1,071	1,124	2,803	6,954	15,110	9,943	6,641	4,627
Acre-Feet	100,500	77,810	77,890	67,160	59,500	69,100	166,800	427,600	898,900	611,300	408,300	275,300

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Year 98

Mean 4,476

Acre-Feet 3,240,000

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	247	237	159	179	190	179	183	2450	2550	1330	524	484
2	247	233	159	192	190	182	170	2010	2590	1290	512	430
3	247	230	170	195	188	182	187	1680	2590	1220	506	408
4	247	227	182	176	195	179	194	1440	2640	1140	501	419
5	247	217	176	170	192	176	194	1250	2690	1100	484	398
6	244	227	185	176	185	179	187	1120	2660	1170	484	383
7	240	233	176	176	185	179	176	1040	2680	1060	484	372
8	240	224	173	204	185	167	187	966	2590	984	473	378
9	240	220	176	198	185	167	209	957	2460	957	478	403
10	240	220	185	204	188	176	244	1000	2210	922	462	388
11	240	210	334	204	185	176	232	1130	2040	882	451	378
12	240	217	516	198	182	179	244	1390	2040	842	445	383
13	240	204	360	198	176	182	291	1660	2010	812	445	372
14	244	204	292	195	170	182	328	1990	1920	842	456	352
15	269	204	284	204	173	182	424	2130	1810	906	445	347
16	265	198	276	204	173	185	591	2310	1830	882	435	342
17	280	204	262	198	156	201	670	2590	1860	805	424	333
18	342	198	251	195		188	1050	2380	1930	761	424	333
19	284	176	240	179		198	1900	2000	1750	732	424	328
20	272	217	224	167		198	1740	1790	1650	711	408	328
21	265	227	207	176		192	1450	1710	1700	704	408	328
22	262	214	210	207	184	182	1540	1770	1770	663	403	323
23	258	192	200	204		192	1740	1940	1710	643	398	318
24	254	210	190	179		192	1770	2110	1630	630	398	314
25	251	188	188	176		182	1920	2250	1540	623	398	314
26	247	214	188	170		170	1900	2560	1500	617	424	314
27	244	182	198	179	179	179	1830	2750	1480	591	430	314
28	244	195	192	195	173	195	1920	2860	1380	585	403	309
29	240	195	179	195		195	2140	2920	1410	566	408	309
30	240	164	195	195		188	2380	2720	1380	554	424	309
31	237		187	195		176		2600		536	430	
Mean	253	209	223	190	182	183	933	1918	2,000	841	445	357
Acre-Feet	15,580	12,460	13,710	11,670	10,130	11,270	55,520	118,000	119,000	51,690	27,350	21,240

Year Mean 646
Acre-Feet 467,620

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3000	2580	2150		2100	2030	2180	16100	19400	18800	11000	7260
2	2950	2550	2220		2120	2120	2140	15100	18500	17800	9580	7020
3	2910	2530	2330		2100	2160	2100	13000	19100	17700	9220	6500
4	2910	2520	2270	2050	2120	2180	2150	11700	19700	16600	9220	6470
5	2960	2490	2240		2140	2140	2220	10600	20300	16200	10100	6330
6	3000	2490	2220		2100	2090	2270	9650	20800	15800	10600	6220
7	2980	2530	2220		2080	2080	2210	8870	21100	15400	10400	6190
8	2960	2550	2220	2010	2080	2050	2180	8240	22000	14600	10100	6790
9	2930	2520	2100	2100	2140	2010	2270	7870	22600	13100	10000	7080
10	2910	2490	2210	2260	2160	2020	2440	7960	20200	12100	10100	7050
11	2900	2470	2600	2180	2160	2050	2550	8330	16600	11800	10200	6900
12	2880	2450	3810	2220	2160	2080	2680	9320	15500	11700	9650	6330
13	2860	2470	3670	2210	2150	2160	2960	10100	15600	11200	8870	6110
14	2850	2500	3120	2150	2090	2220	3460	12200	17600	11200	8770	5950
15	3020	2530	2880	2160	2080	2210	3920	13000	20000	12100	8710	5550
16	3100	2550	2800	2300	2100	2220	4760	13500	21500	12400	8610	5420
17	3160	2580	2730	2260	2020	2440	5220	15500	22000	12200	8240	5470
18	3180	2650	2630	2220	1950	2440	6530	16200	22600	11600	7900	5760
19	3100	2550	2600	2160	1940	2380	9840	15100	22500	11200	7590	6170
20	2950	2570	2470	2240	2030	2420	11100	13400	21500	11700	7770	6360
21	2860	2850	2280	2120	2010	2450	10100	12200	20500	12200	8020	5950
22	2810	2860		2210	2010	2380	9550	12100	21400	12400	7960	6030
23	2760	2710		2260	2020	2330	10300	12500	22500	12400	8140	7440
24	2730	2610		2210	2010	2390	10700	13500	22200	12700	8140	6760
25	2710	2570		2150	1990	2380	11300	14700	21100	12700	8080	6620
26	2680	2550	2150	2140	1990	2280	12300	16500	20900	12500	8050	6500
27	2680	2530		2130	1990	2260	11700	18800	21000	11700	7710	6300
28	2660	2420		2120	1990	2280	11500	20600	20700	11200	6990	6250
29	2630	2450		2200		2300	12100	21500	19600	11500	6420	6170
30	2610	2390		2120		2270	13700	21600	19600	11400	6560	5170
31	2600			2050		2280		20300		11500	6670	
Mean	2879	2550	2428	2146	2065	2227	6281	15,550	20,290	13,140	8,689	6,324
Acre-Feet	177,000	151,800	149,300	132,000	114,700	136,900	373,700	833,100	1,207,000	807,700	534,300	376,300

Year Mean 6,898

Acre-Feet 4,993,800

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1170	1980	2380	2950	2220	2360	2920	16300	18100	18500	4190	2800
2	1030	1930	2260	2480	2660	2510	2830	19200	16900	19500	3800	3250
3	966	1840	2220	2520	2560	2710	2730	19700	16100	20300	2630	3130
4	906	1900	2340	2350	2480	3090	2700	18400	16100	20600	2300	2980
5	930	1900	2470	2320	2630	2910	2780	16600	16300	20000	2300	2960
6	930	2010	2560	2200	2910	2800	2750	14800	16600	19300	2780	2820
7	930	2010	2530	2200	2760	2760	2660	13100	16500	18700	3290	2610
8	1080	2020	2330	2350	2580	2700	2610	11500	16400	17100	3420	2470
9	1130	2130	2580	2610	2610	2680	2630	10400	17300	15600	3710	2450
10	1110	2260	2850	2540	2800	2390	2610	9720	17700	13800	3970	2590
11	1250	2260	2730	2550	2940	2530	2760	9080	15600	11300	4240	2660
12	1190	2240	3090	2550	2960	2610	2850	9290	12500	9120	3990	2440
13	1120	2130	4390	2580	3070	2730	2870	9930	10800	6930	3460	2230
14	1350	2130	4550	2730	2890	2890	3480	10500	11000	5270	3060	1990
15	1380	2230	4140	2910	2700	3090	3820	12200	13600	4800	3090	1840
16	1520	2320	3750	2660	2670	3040	4420	13200	16500	5120	3130	1570
17	1720	2300	3620	2840	2390	3000	5270	14500	17800	5060	3210	1240
18	1980	2300	3500	2870	2300	3020	5890	16600	18400	4830	2920	1100
19	2170	2340	3370	2780	2240	3090	7560	17700	19200	4040	2590	1270
20	2270	2330	3210	2660	2460	3070	10800	16600	19200	3570	2640	1510
21	2130	2380	3050	2720	2780	3250	11900	14500	17500	3900	2910	1710
22	2010	2550	2890	2300	2660	3440	11500	12600	16200	4190	3230	1670
23	1920	2750	2960	2470	2640	3170	11200	11500	17100	4340	3110	1690
24	1890	2850	2450	2360	2520	3310	11500	11200	18900	4690	2910	2390
25	2050	2760	2100	1960	2330	3330	12000	11800	19200	5270	2830	2360
26	2240	2890	2300	1910	2360	3290	12900	12800	18700	5480	2910	2380
27	2130	2780	2630	1920	2320	3130	13900	14100	18800	5240	3070	2200
28	1900	2580	2840	2140	2400	3020	13800	15800	19200	4470	3270	2100
29	1940	2510	3150	2250		3040	13700	17700	18900	4240	3020	2060
30	1870	2340	3000	2420		3020	14200	18900	18100	4290	2760	2100
31	1850		2940	2720		2960		19200		4340	2750	
Mean	1,550	2,298	2,941	2,478	2,601	2,934	6,785	14,170	16,840	9,480	3,145	2,219
Acre-Feet	95,330	136,800	180,900	152,400	144,500	180,400	403,700	871,600	1,002,000	582,900	193,400	132,000

Year Mean 5,650

Acre-Feet 4,075,930

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	148	302				149	480	158	222	34	4
2	2	150	307				134	459	164	354	25	18
3	3	158	331				122	544	118	492	15	18
4	3	197	166				119	551	79	460	10	20
5	4	207	138				132	555	49	385	4	21
6	4	220	140				155	532	24	386	2	7
7	5	210	191				166	467	11	399	6	4
8	20	197	227				207	480	8	444	58	3
9	40	188	258				201	470	12	506	64	3
10	68	188	221				149	348	28	460	51	4
11	76	178	280				216	230	29	185	30	4
12	84	170	320				242	184	71	52	15	4
13	93	171	400				276	186	67	14	9	3
14	98	171	538				332	220	65	9	6	2
15	117	184	519				345	254	79	11	24	2
16	140	183	442				376	232	305	33	14	3
17	191	197	409				419	233	178	22	5	3
18	299	225	379				500	256	123	51	5	4
19	341	272	337				539	316	161	36	6	3
20	301	285	302				551	425	192	28	4	5
21	250	284	279				557	462	376	9	6	12
22	236	293	303				559	395	215	4	6	27
23	232	302					543	313	179	5	5	12
24	225	307					559	236	326	8	5	19
25	212	290					578	164	243	7	5	24
26	206	245					577	133	228	5	5	23
27	167	203				150	572	130	212	4	7	15
28	121	183				137	570	88	197	9	8	11
29	108	198				143	566	93	181	5	4	10
30	104	244				138	534	138	166	6	5	11
31	114					152		151		10	6	

Dec 1 - 22 Mar. 27 - 31

Mean	125	215	309			144	365	314	131	149	14.5	10.0
Acre-Feet	7670	12,790	13,460			1,430	21,710	19,290	8,410	9,170	891	595

Year or Period

Mean

Acre-Feet

Plate No. 1

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	206	938	2380	2740	2520	2400	2630	14200	15300	15500	782	719
2	193	1020	2240	2750	2320	2630	2590	16500	14300	16800	642	835
3	181	964	2260	2280	2480	2770	2530	18200	13000	18400	417	874
4	163	972	2280	2320	2520	3080	2410	17600	12600	19300	400	684
5	163	1050	2300	2150	2400	3100	2420	16000	12500	18900	304	590
6	175	1080	2520	2120	2470	2850	2410	14300	12800	18200	256	444
7	187	1180	2360	2000	2520	2740	2350	12700	12500	17400	360	288
8	230	1150	2400	2000	2520	2590	2350	11200	12300	16300	276	190
9	253	1180	2040	2150	2520	2530	2360	9990	12600	14500	462	166
10	280	1270	2290	2410	2830	2340	2280	8740	13700	12500	754	238
11	310	1340	2820	2340	3060	2360	2410	7770	13000	9370	1010	434
12	340	1380	3060	2350	3100	2440	2580	7290	10000	6320	1230	576
13	370	1440	3890	2350	2930	2580	2550	7560	7300	4100	1140	761
14	370	1356	4800	2380	2850	2720	3060	7870	7600	2230	1010	516
15	510	1480	4510	2530	2690	2930	3440	8930	10200	1340	906	280
16	558	1890	3960	2740	2590	2990	3730	10000	11900	1270	990	193
17	805	1940	3730	2750	2470	2880	4490	11200	13800	1370	922	178
18	1080	2060	3590	2640	2190	2950	5450	13000	14500	1370	596	187
19	1300	2090	3370	2670	2100	3040	6390	15200	15500	947	350	160
20	1480	2280	3200	2580	2040	2990	8740	15400	16100	474	238	157
21	1460	2320	3030	2460	2260	2980	11200	13800	15600	234	268	245
22	1330	2530	2980	2520	2580	3150	11400	11700	13700	220	719	534
23	1210	2750	2900	2200	2460	3160	10800	10100	13900	375	812	768
24	1140	2800	2580	2240	2440	3100	11000	9050	15600	684	726	663
25	1140	2740	2150	2160	2340	3160	11400	8790	16600	1250	635	609
26	1210	2770	1900	1760	2410	3080	12000	9400	16200	1710	596	492
27	1310	2710	2100	1710	2350	2900	13100	10300	15700	1700	684	439
28	1090	2560	2460	1720	2380	2790	13200	11700	15900	1320	858	272
29	1020	2440	2640	1940		2740	13000	13600	15900	768	998	175
30	998	2410	2950	2050		2740	13000	15200	15300	691	998	175
31	938		2800	2220		2690		16000		790	828	
Mean	710	1805	2855	2298	2512	2819	6242	12,040	13,550	6,656	685	428
Acre-Feet	43,640	107,300	175,500	141,300	139,600	173,400	371,400	740,400	805,100	409,300	41,980	25,470

U. S. GOVERNMENT PRINTING OFFICE 6—7140

Year Mean 4,385

Acre-Feet 3,174,290

Plate No 24

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	412,920	479,720	682,330	959,740	1,200,270	1,438,250	1,705,040	1,706,720	1,712,900	1,715,750	1,405,340	948,060
2	413,440	483,320	688,820	968,510	1,209,710	1,449,050	1,704,480	1,713,470	1,706,160	1,707,840	1,382,140	936,640
3	415,740	485,810	695,310	975,600	1,217,380	1,458,850	1,702,240	1,720,880	1,705,040	1,714,610	1,370,040	925,220
4	416,790	490,230	702,490	983,110	1,226,020	1,467,230	1,701,120	1,719,170	1,704,480	1,721,450	1,351,940	914,710
5	419,940	494,380	708,980	991,680	1,232,250	1,477,700	1,703,360	1,713,470	1,702,800	1,722,020	1,334,120	902,170
6	421,260	500,000	716,150	998,550	1,239,920	1,489,220	1,706,720	1,708,160	1,706,160	1,721,450	1,316,790	888,420
7	422,570	504,840	723,180	1,005,850	1,248,560	1,499,170	1,708,960	1,710,080	1,712,900	1,718,600	1,300,540	878,220
8	422,830	510,540	731,260	1,013,140	1,256,710	1,509,120	1,711,200	1,712,900	1,712,900	1,712,900	1,284,960	862,920
9	424,150	516,240	738,280	1,020,010	1,266,450	1,514,440	1,710,640	1,712,330	1,715,750	1,707,280	1,268,880	849,940
10	425,200	521,080	743,900	1,025,590	1,274,730	1,523,490	1,708,960	1,708,400	1,726,580	1,705,600	1,255,750	837,750
11	426,250	525,350	750,570	1,030,850	1,284,960	1,533,080	1,710,080	1,702,800	1,721,450	1,701,120	1,241,840	825,940
12	427,560	528,280	764,970	1,038,780	1,293,230	1,541,600	1,707,840	1,700,560	1,710,080	1,700,560	1,227,930	814,390
13	428,880	532,980	774,350	1,046,700	1,302,970	1,549,050	1,706,720	1,703,360	1,702,240	1,697,760	1,209,230	804,020
14	429,930	536,210	789,190	1,055,940	1,312,830	1,557,570	1,706,720	1,708,400	1,698,880	1,689,350	1,194,620	794,010
15	430,980	540,610	803,280	1,063,430	1,322,240	1,568,880	1,707,840	1,711,200	1,699,440	1,675,900	1,181,910	784,810
16	432,820	545,300	816,620	1,072,270	1,332,140	1,578,660	1,708,960	1,714,610	1,701,120	1,662,020	1,166,840	776,150
17	433,610	552,640	828,600	1,082,190	1,341,540	1,584,640	1,712,330	1,718,030	1,707,840	1,649,310	1,151,060	767,140
18	437,020	560,750	838,510	1,095,270	1,350,450	1,596,050	1,714,610	1,725,440	1,716,890	1,633,830	1,132,160	758,840
19	440,970	569,220	850,330	1,105,640	1,357,430	1,606,380	1,713,470	1,723,730	1,722,020	1,618,910	1,115,560	750,220
20	446,050	578,610	859,090	1,115,110	1,365,000	1,615,070	1,713,470	1,715,750	1,718,030	1,603,120	1,105,640	743,550
21	452,780	587,780	868,420	1,122,940	1,372,560	1,623,330	1,717,460	1,712,330	1,707,280	1,584,640	1,089,410	736,880
22	456,280	599,040	876,650	1,128,930	1,380,630	1,638,250	1,713,470	1,709,520	1,701,680	1,566,710	1,074,980	731,260
23	456,280	608,730	885,670	1,135,380	1,389,200	1,649,860	1,710,640	1,703,360	1,699,440	1,549,050	1,062,990	726,690
24	457,900	616,230	892,340	1,143,680	1,397,270	1,658,710	1,706,160	1,703,360	1,700,560	1,530,420	1,051,100	721,080
25	460,860	628,470	900,580	1,152,440	1,405,340	1,674,780	1,705,040	1,705,040	1,701,680	1,516,040	1,037,010	714,440
26	464,090	638,460	909,450	1,159,820	1,413,050	1,685,430	1,713,470	1,708,400	1,705,600	1,499,170	1,023,020	709,320
27	467,320	647,480	917,450	1,165,900	1,421,790	1,688,790	1,719,170	1,711,200	1,710,080	1,483,990	1,011,000	703,510
28	470,320	655,420	925,220	1,172,020	1,430,020	1,686,550	1,716,890	1,716,320	1,712,900	1,470,370	997,260	697,710
29	473,360	666,050	933,710	1,177,670		1,694,400	1,712,330	1,719,740	1,716,890	1,454,190	983,960	689,850
30	474,190	674,350	940,990	1,186,150		1,700,000	1,708,400	1,722,590	1,719,170	1,438,760	971,850	684,720
31	473,910		950,150	1,194,150		1,705,040		1,719,170		1,421,790	960,160	

Mean													
Acre-Feet													

U. S. GOVERNMENT PRINTING OFFICE 6—4148

Year or

Mean

Acre-Feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1920	1910	1480	1110	872	720	5960	14900	20800	22300	11700	955
2	1930	1930	1500	1110	863	720	6080	15000	18300	19000	11900	922
3	1890	1890	1520	1110	863	728	6080	18200	15500	16800	11800	917
4	1890	1660	1520	1120	863	728	4910	23100	15400	19500	11700	913
5	2320	1430	1530	1120	863	720	4140	24700	14600	21400	11500	922
6	2350	1320	1530	1120	892	720	4140	17900	11700	22000	11300	950
7	2350	1330	1530	1120	872	728	4170	14000	11400	22300	11100	963
8	2350	1350	1530	1140	863	612	4170	14100	11400	22200	10800	959
9	2390	1320	1530	1170	872	518	4870	14100	11400	19100	10700	955
10	2390	1490	1260	1170	872	518	5280	14000	14600	16400	10500	926
11	2410	1570	1130	1150	872	512	5320	13800	19200	13500	10500	909
12	2410	1790	1050	1150	854	512	5250	9170	16400	9550	10600	893
13	2420	2270	700	854	854	518	5250	8720	12300	10500	10800	876
14	2420	2310	314	680	863	634	5220	9170	11300	11300	11100	840
15	2420	2310	256	696	863	772	5280	10200	11300	11300	11200	780
16	2430	1810	552	621	863	780	5360	11000	11300	11100	11200	713
17	2460	1770	910	339	863	772	5460	11300	11300	11100	11100	682
18	2420	1140	1250	339	863	780	8160	14000	13000	11500	11100	678
19	2440	704	1460	471	844	754	9670	21100	17600	11900	11100	678
20	2420	598	1230	695	834	772	9710	20800	19800	11800	10800	652
21	2420	598	1080	1090	844	772	13000	16900	19700	11800	10700	604
22	2420	400	1110	1190	854	772	15900	16900	19600	11800	10200	589
23	2420	262	1100	1170	854	789	16800	14300	19500	11700	9970	626
24	2440	262	1110	1260	844	772	15500	11200	17700	11700	9800	648
25	2440	381	1110	1400	844	772	11400	10100	16600	11700	9930	648
26	2440	627	1120	1400	763	1270	10500	10100	16700	11700	10300	644
27	2440	627	1120	1280	704	2770	15800	10200	16700	11700	10400	644
28	2440	634	1110	990	704	2850	18000	11100	16800	11700	10400	641
29	2440	1130	1110	844		2800	17900	12900	16900	11700	10100	600
30	2480	1480	1120	854		2800	16700	17400	18200	11600	9840	487
31	2330		1110	872		4800		20900		11600	9760	

Mean	2,346	1,277	1,161	988	846	1,119	8,866	14,560	15,570	14,300	10,770	7,738
Acre-Feet	144,300	75,970	71,370	60,760	46,970	68,800	527,600	895,100	926,300	879,200	662,300	460,400

Year or Period

Mean 6,656

Acre-Feet 4,819,070

Plate No. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	48310	65010	60740	67100	66110	65450	87270	87030	96390	99520	94250	94720
2	45030	65560	61280	67100	66110	66110	90990	87500	95790	99760	93550	94950
3	41440	66770	61500	67210	65670	64690	91570	87850	95670	99040	95180	94950
4	38720	67430	62160	67430	65890	64800	91690	88780	95670	98920	95550	94840
5	37160	67430	62600	67430	65560	65560	90290	90290	95430	99520	96510	94140
6	35600	66550	63260	67430	65450	65560	89830	89600	95430	98680	96870	93440
7	34780	65010	64140	67650	65450	65670	89600	89600	96630	98680	97110	94020
8	34150	64030	64360	67650	65010	65560	89010	89480	96630	98560	96870	93320
9	33950	63700	64800	67650	65450	65230	88660	89480	96150	98320	95910	92860
10	34360	63260	65450	67650	65010	64800	89830	90180	97350	97350	95910	92860
11	34570	61720	66330	67540	65230	63920	89360	92390	97590	97110	95430	92860
12	35810	62710	66550	67870	64250	63480	89130	95670	98080	97590	94950	93320
13	36430	63040	66660	67870	65120	62600	88780	93320	97110	95670	94020	94490
14	37060	63480	66550	67210	64900	61500	88550	93550	97230	94490	93790	95790
15	37680	64030	65450	66330	65010	62160	88660	93790	98200	94490	94720	96270
16	38920	65120	64900	66330	65230	62380	88430	94490	97720	95430	95180	95910
17	40170	65340	64580	66110	65450	61500	88430	94720	97590	95670	95550	94490
18	40590	65890	63810	65890	65670	61940	88780	96870	98800	95310	95310	93090
19	43240	65230	65340	65230	65670	61940	89600	98800	99040	94600	95430	91690
20	44290	64690	65890	65120	65890	62600	89600	98560	99760	94720	96390	90760
21	46510	63920	66000	65120	65890	60310	89830	97470	98800	95430	96630	89830
22	48730	63700	66110	65670	65890	61940	88310	97470	98440	96150	96870	88430
23	50100	62490	65450	64470	66000	61610	87620	96990	98560	96390	96630	87030
24	51600	61060	66110	65890	66110	61280	86570	96270	98560	96030	96150	85640
25	53970	60310	66000	66220	66330	61940	86330	96390	98800	95180	95180	84700
26	56330	58050	66110	66770	66770	62160	85750	96390	98320	94490	94840	83660
27	58270	59020	66110	67100	66550	64580	87030	95670	98080	94490	94950	82520
28	59880	57950	66330	67210	66330	65230	88200	94490	98680	94250	95180	81280
29	61500	58700	66770	66330		70730	87960	96150	98800	94720	95670	80380
30	62600	60100	66770	66440		74290	87620	96870	99040	94600	95430	79480
31	62710		66990	66330		79260		96390		94250	94720	

Mean													
Acre-Feet													

U. S. GOVERNMENT PRINTING OFFICE 6—7143

Year or Period

Mean

Acre-Feet

Plate No. 27

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	748	365	213				0	1280	1610	1100	1680	1250
2	732	367	213				0	1280	1610	852	1620	1180
3	714	368	213				0	1250	1610	563	1560	1140
4	704	370	213				0	1200	1610	491	1520	1140
5	710	373	213				0	1210	1610	447	1490	1140
6	672	370	213				0	1210	1610	446	1490	1140
7	599	367	216				0	1200	1610	446	1490	1140
8	594	368	217				0	1200	1610	446	1480	1130
9	592	368	217				81	1240	1610	568	1480	1160
10	594	367	149				81	1330	1610	879	1470	1170
11	596	367	97				81	1460	1610	1160	1470	1070
12	601	367	97				156	1570	1610	1460	1480	1080
13	605	365	97				263	1580	1600	1630	1480	1080
14	607	363	36				303	1580	1560	1680	1490	1040
15	611	365	0				303	1580	1490	1670	1490	969
16	559	371	0				303	1590	1390	1660	1490	967
17	449	371	0				304	1560	1170	1650	1490	962
18	332	350	0				306	1510	1180	1650	1490	955
19	336	312	0				365	1530	1180	1650	1490	951
20	338	312	0				416	1530	1180	1670	1490	946
21	345	309	0				478	1510	1180	1680	1480	946
22	351	307	0				516	1510	1180	1680	1490	958
23	354	285	0				548	1510	1170	1680	1490	958
24	357	222	0				635	1500	1180	1680	1490	955
25	352	202	0				730	1540	1180	1680	1480	948
26	352	165	0				784	1590	1180	1680	1480	951
27	356	131	0				854	1610	1250	1680	1420	955
28	360	187	0				951	1610	1290	1680	1380	946
29	359	211	0				1110	1610	1250	1680	1340	953
30	359	212	0				1240	1610	1120	1680	1290	953
31	359		0					1610		1680	1290	
Mean	503	315	77.5				360	1455	1402	1310	1476	1038
Acre-Feet	30,940	18,760	4,770				21,440	89,450	83,400	80,520	90,780	61,750

Canal pry

Year Mean 666

Acre-Feet 481,810

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	512	198	149				0	723	1240	928	1340	1050
2	520	220	149				0	728	1240	693	1340	967
3	512	234	149				0	728	1240	506	1340	940
4	461	242	100				0	733	1260	630	1300	913
5	393	252	0				0	733	1280	632	1250	976
6	353	252	0				0	733	1280	632	1250	1040
7	308	252	0				0	733	1280	439	1250	1090
8	285	250	0				0	736	1280	301	1250	1110
9	273	249	0				0	815	1300	369	1280	1130
10	258	250	0				0	928	1300	443	1250	1100
11	241	250	0				0	1020	1290	689	1230	1030
12	244	249	0				0	1110	1300	919	1240	955
13	312	249	0				0	1140	1210	1230	1250	910
14	454	249	0				0	1180	1160	1310	1250	904
15	434	234	0				0	1180	1160	1310	1220	858
16	226	211	0				0	1150	1130	1300	1220	798
17	229	192	0				0	1080	771	1300	1250	776
18	202	172	0				0	1010	741	1310	1260	774
19	188	158	0				0	919	744	1350	1250	741
20	190	151	0				131	787	749	1350	1220	694
21	175	151	0				324	717	749	1340	1210	686
22	170	150	0				326	744	746	1340	1230	790
23	172	150	0				322	823	744	1350	1240	821
24	175	151	0				324	849	741	1350	1240	784
25	181	150	0				494	884	741	1350	1220	760
26	198	151	0				625	1010	741	1310	1210	730
27	200	149	0				628	1080	840	1310	1190	673
28	194	150	0				628	1130	976	1290	1160	615
29	194	149	0				642	1130	1000	1320	1160	595
30	194	149	0				697	1180	1000	1330	1190	610
31	199		0					1240		1340	1180	
Mean	279	200	17.6	0	0	0	171	934	1041	1041	1241	861
Acre-Feet	17,150	11,930	1,080	0	0	0	10,200	57,430	61,950	64,010	76,300	51,210

Canal dry

Year Mean 485

Acre-Feet 351,260

Flow in Second-Feet

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2110	705	826	1220	1050	1040	2320	12500	17800	20200	8440	7090
2	2110	789	898	1130	1030	1180	4710	12500	16300	19400	8610	6900
3	2110	842	1010	1120	978	1020	5420	14300	12800	16200	8420	6850
4	2110	1010	1010	1140	994	890	5460	19700	12600	17800	8360	6960
5	2070	1110	1000	1170	994	842	4670	22300	12100	20700	8340	7070
6	2040	906	1020	1150	1000	1040	4420	17700	8690	21400	8340	7090
7	2040	1500	1120	1170	986	747	4310	11800	8090	21700	8230	7200
8	2010	1180	1290	1170	986	858	4270	11800	8060	21800	8310	7340
9	1430	970	1260	1170	1030	803	4080	11300	8310	20200	8200	7360
10	1410	954	1020	1190	978	946	4960	10800	10500	15800	7930	7230
11	1320	970	954	1210	1030	1030	5300	8900	15510	12500	7740	6980
12	1240	1030	930	1180	994	1030	5100	9640	14400	8200	7820	6580
13	1220	1430	850	1140	1000	1040	4990	9180	10000	8090	8010	6090
14	986	1440	775	1150	938	1030	4990	6350	8530	8440	8170	6140
15	898	1280	740	1040	866	1000	4920	6960	8720	7930	8200	6140
16	1030	1180	850	970	890	1010	4850	7550	8690	7850	8170	6010
17	1400	1200	1040	754	914	1050	4870	7690	8780	7960	8090	5880
18	1330	1060	1150	719	938	1020	6470	10000	10500	8420	8150	5880
19	1180	803	1200	733	914	1010	8860	16900	14500	8720	8170	5780
20	1020	568	1180	789	930	1070	8920	19800	17600	8550	7960	5440
21	914	562	1150	1000	922	1070	11000	14600	18100	8170	7770	5010
22	1000	610	1190	1080	914	1030	14700	14500	18100	8120	7630	4830
23	1050	545	1160	1110	906	1040	16000	12600	17800	8390	7500	4990
24	954	520	1160	1180	898	1030	14300	9240	16900	8580	7440	5200
25	826	505	1180	1220	914	986	11000	7710	14900	8860	7360	5200
26	747	719	1180	1230	906	994	7800	7610	14800	8690	7520	5250
27	842	455	1110	1210	906	986	12400	7420	14800	8670	7610	5390
28	954	405	1070	1150	986	1110	15900	7880	14800	8580	7630	5370
29	1150	525	1070	1090		1070	15800	9320	14600	8530	7550	4710
30	1350	733	1090	1070		1110	15200	13400	15100	8470	7440	3800
31	1030		1100	1050		1150		17800		8470	7310	
Mean	1351	884	1051	1087	957	1007	7933	11,930	13,080	12,110	7,949	6,059
Acre-Feet	83,070	52,570	64,630	66,850	53,140	61,950	472,000	733,400	778,300	744,600	488,800	360,500

Year or Period — Mean 5,470 — Acre-Feet 3,959,810

Daily discharge in second-feet of LAKE MILNER at MILNER, IDAHO for the year ending September 30, 1930.

Plate No. 55

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	9.34	7.91	7.84	7.46	7.04	7.08	7.80	10.63	10.84	10.84	10.91	10.95
2	9.19	8.02	7.62	7.48	7.08	7.36	7.94	10.84	10.84	10.87	10.61	10.94
3	9.04	8.26	7.57	7.46	7.22	7.52	7.95	10.86	10.81	10.86	10.90	10.81
4	8.98	8.52	7.60	7.44	7.34	7.41	8.00	10.85	10.86	10.86	10.88	10.64
5	9.12	8.87	7.58	7.45	7.31	7.53	7.84	10.90	10.85	10.84	10.86	10.53
6	9.14	9.11	7.59	7.50	7.25	7.55	7.88	10.90	10.87	10.86	10.84	10.48
7	9.15	9.11	7.60	7.51	7.26	7.56	7.94	10.86	10.85	10.86	10.84	10.50
8	9.12	9.37	7.74	7.51	7.25	7.48	7.96	10.86	10.88	10.84	10.92	10.50
9	9.18	9.38	7.83	7.53	7.32	7.26	7.80	10.84	10.86	10.84	10.94	10.60
10	9.25	9.80	7.89	7.46	7.24	7.17	7.95	10.84	10.86	10.84	11.00	10.82
11	9.34	9.03	7.85	7.19	7.21	7.14	8.00	10.88	10.84	10.88	10.89	11.00
12	9.40	9.35	7.80	7.65	7.09	7.20	8.16	10.95	10.85	10.91	10.77	11.03
13	9.43	9.74	7.82	7.70	7.36	7.06	8.10	10.58	10.84	10.90	10.51	10.81
14	9.48	10.06	7.79	7.79	7.40	6.83	8.28	10.44	10.87	11.11	10.50	10.75
15	9.25	10.40	7.54	7.80	7.36	7.26	8.56	10.26	10.84	11.06	10.64	10.74
16	9.51	10.64	7.35	7.67	7.28	7.24	9.11	10.50	10.88	10.92	10.76	10.77
17	8.38	9.60	7.23	7.59	7.38	6.93	9.67	10.82	10.80	10.71	10.84	10.78
18	9.10	9.68	6.99	7.46	7.40	7.22	10.05	10.92	10.85	10.62	10.76	10.80
19	9.28	9.84	7.21	7.28	7.38	7.16	10.28	10.85	10.86	10.74	10.77	10.84
20	8.90	9.79	7.30	7.14	7.36	7.28	10.24	10.85	10.86	10.98	10.86	10.86
21	8.86	9.56	7.30	6.83	7.35	6.96	10.31	10.87	10.84	11.02	10.89	10.83
22	8.66	9.70	7.34	6.76	7.34	7.48	10.18	10.84	10.84	10.84	10.89	10.68
23	8.56	9.62	7.26	6.24	7.33	7.42	10.48	10.84	10.84	10.73	10.90	10.44
24	8.40	9.35	7.27	6.31	7.33	7.38	10.52	10.88	10.86	10.72	10.74	10.34
25	8.32	9.26	7.20	6.54	7.26	7.67	10.54	10.84	10.84	10.82	10.62	10.34
26	8.18	8.68	7.32	6.76	7.24	7.68	10.73	10.84	10.84	10.98	10.52	10.39
27	7.93	8.86	7.38	6.88	7.22	7.66	10.74	10.78	10.84	10.92	10.54	10.36
28	7.82	8.37	7.44	7.00	7.18	6.93	10.84	10.58	10.84	10.96	10.69	10.33
29	7.70	8.00	7.42	6.99		7.40	10.79	10.84	10.86	10.96	10.82	10.30
30	7.77	7.92	7.36	6.99		7.50	10.82	10.84	10.84	10.93	10.96	10.44
31	7.60		7.39	7.06		7.76		10.84		10.90	10.97	

Mean												
Acre-Feet												

U. S. GOVERNMENT PRINTING OFFICE 6—7159

Year or Period

Mean

Acre-Feet

For the year ending September 30, 1[illegible]

Plate No. [illegible]

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	26	0					0	21	61	60	61	6
2	17	0					0	31	61	60	61	6
3	0	0					0	33	61	60	61	6
4	0	0					0	33	61	60	61	6
5	0	0					0	46	61	53	61	6
6	0	0					0	49	61	46	61	5
7	0	0					0	54	61	47	61	5
8	0	0					0	62	61	47	61	59
9	0	0					0	62	60	46	61	60
10	0	0					0	62	60	53	61	61
11	0	0					0	62	60	56	61	61
12	0	0					0	62	61	56	61	61
13	0	0					0	62	61	61	61	61
14	0	0					0	62	61	61	61	61
15	0	0					0	61	61	61	61	61
16	0	0					0	61	60	61	61	61
17	0	0					0	61	60	61	61	61
18	0	0					0	61	60	61	61	61
19	0	11					0	61	60	61	60	61
20	0	16					0	61	60	61	60	61
21	0	5					0	61	60	61	60	61
22	0	0					0	61	60	61	60	61
23	0	0					0	61	60	61	60	61
24	0	0					0	62	60	61	60	59
25	0	0					0	62	60	61	60	59
26	0	0					0	62	60	61	60	55
27	0	0					0	62	60	61	60	55
28	0	0					0	62	60	61	60	55
29	0	0					2	62	60	61	60	37
30	0	0					10	62	60	61	60	
31	0							62		61	60	

Canal Dry Dec. - March

Mean	1.39	1.07	0	0	0	0	0.4	56.3	60.4	58.2	60.6	55.0
Acre-Feet	85	63	0	0	0	0	24	3,460	3,590	3,580	3,720	3,270

U. S. [illegible] 6—7119

Year or Period — Mean 24.6 — Acre-Feet 17,792

For the year ending September 30, 19 36.

Plate No. 31

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1								0	144	150	169	122
2								0	145	132	170	120
3								44	145	107	170	121
4								55	145	68	170	120
5								70	150	0	170	121
6								95	151	0	170	121
7								109	150	0	162	121
8								109	151	0	170	121
9								126	151	0	170	121
10								137	151	23	170	121
11								139	151	93	170	121
12								139	150	105	170	121
13								139	151	154	162	121
14								138	152	151	170	121
15								138	151	152	170	122
16								140	151	151	170	122
17								142	151	150	170	120
18								142	150	148	170	121
19								142	151	147	170	122
20								142	131	163	149	93
21								142	131	165	149	85
22								141	131	165	148	93
23								141	131	164	149	93
24								141	131	165	125	93
25								141	142	166	148	93
26								141	149	168	148	94
27								141	150	168	148	94
28								143	150	168	148	94
29								142	150	169	149	94
30								141	150	168	151	86
31								142		168	150	

Canal dry October to March

Canal dry during April

Mean								119	146	120	160	110
Acre-Feet								7,340	8,700	7,390	9,870	6,570

* A second-foot equals one cubic foot per second.

6—7140

Year ended

Mean 55.1

Acre-Feet 39,870

Plate No. 30

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		0					↑	440	710	1110	1400	1120
2		0						440	770	1110	1380	1120
3		0						450	850	1100	1400	1110
4		0						450	890	1110	1400	1110
5		0						510	890	1110	1390	1110
6		0						380	890	1060	1340	1110
7		0						620	940	1000	1230	1100
8		0						690	980	1000	1220	1100
9		0						690	980	1060	1220	1110
10		0						690	980	1100	1190	1110
11		0						690	980	1090	1170	1110
12		0						690	1040	1100	1170	1110
13		290						690	1090	1090	1160	1100
14		580						690	1090	1150	1170	1100
15		475					Dry	690	1090	1290	1180	1100
16		460						700	1090	1330	1170	1100
17		445						700	1090	1320	1170	1100
18	Dry	245	Dry	Dry	Dry	Dry		700	1090	1330	1170	1100
19		55						700	1090	1340	1170	1110
20		55						700	1090	1360	1170	1110
21		55						700	1090	1360	1160	1100
22		55						700	1090	1350	1130	1090
23		20					↓	700	1090	1350	1120	1090
24		0					85	700	1090	1350	1120	1090
25		0					140	690	1090	1380	1120	1100
26		0					170	690	1090	1400	1110	1100
27		0					190	690	1090	1400	1130	1100
28		0					190	680	1090	1400	1130	1090
29		0					250	680	1090	1400	1140	630
30		0					390	680	1090	1390	1130	
31								680		1390	1130	
Mean		91.2					47.2	642	1017	1236	1203	1051
Acre-Feet		5,420					2,810	39,470	60,540	76,030	73,960	62,540

U. S. GOVERNMENT PRINTING OFFICE 6—7139

Year or Period

Mean 445

Acre-Feet 320,800

Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
870							810	850	870	900	860
460							810	860	870	880	860
0							830	850	880	880	870
0							840	860	870	890	860
0							830	860	870	890	860
0						Dry	830	860	870	890	860
0							850	860	870	900	860
0							840	860	870	910	860
0							850	870	870	900	870
0							850	860	870	890	870
0						280	850	870	880	900	870
0						429	870	870	880	900	870
0						434	830	870	890	870	860
0						478	820	880	910	870	860
0						490	820	870	920	880	850
0						490	830	870	890	890	860
0						549	850	870	890	900	850
0						692	860	870	880	890	850
0						794	850	870	880	890	860
0						837	840	870	900	900	850
0						848	840	880	900	890	840
0						853	840	870	880	890	840
0						853	840	870	880	890	820
0						843	840	870	880	870	830
0						840	840	860	890	860	820
0						860	840	870	900	860	820
0						860	850	870	900	870	830
0						870	830	870	900	870	840
0						780	840	870	900	870	900
0						800	850	870	900	870	1010
0							860		890	870	
0											

Dry Nov. to March, incl.

Mean	42.9						463	840	867	886	885	859
Acre-Feet	2,640						27,530	51,630	51,570	54,450	54,410	51,090

Year or Period — Mean 405 — Acre-Feet 293,300

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	156	550	543	472	478	472	494	1400	2410	2320	2690	2300
2	457	559	537	472	484	487	547	1510	2460	2280	2660	2320
3	878	559	531	472	478	478	692	1580	2480	2190	2630	2330
4	857	563	537	472	481	466	763	1570	2480	2200	2610	2280
5	853	566	537	472	481	475	738	1620	2520	1980	2580	2250
6	853	559	537	463	475	472	678	1670	2550	1850	2600	2240
7	853	556	540	460	478	475	559	1780	2560	2100	2610	2210
8	857	563	543	460	481	469	528	1850	2560	2050	2600	2200
9	299	569	543	460	481	463	456	1880	2560	2050	2590	2180
10	58	566	537	457	478	466	0	1890	2560	2260	2580	2140
11	52	559	528	460	475	463	0	2030	2570	2420	2560	2090
12	57	559	531	469	472	463	0	2240	2570	2510	2530	2080
13	60	553	531	460	487	457	0	2220	2560	2600	2530	1900
14	61	563	528	460	490	466	0	2240	2540	2710	2560	1500
15	61	566	512	484	484	472	0	2240	2530	2600	2570	1460
16	99	559	500	487	484	463	0	2250	2530	2570	2540	1430
17	571	556	500	478	487	463	0	2230	2500	2520	2500	1400
18	661	556	494	475	487	469	0	2310	2510	2550	2480	1380
19	672	553	515	463	487	469	0	2120	2490	2640	2470	1390
20	654	550	522	460	487	469	0	2020	2450	2690	2470	1380
21	634	547	525	460	487	442	0	2110	2430	2670	2470	1350
22	627	553	525	466	484	478	117	2210	2410	2680	2450	1330
23	618	550	522	460	484	472	271	2240	2410	2720	2420	1340
24	598	547	515	478	484	457	382	2200	2320	2740	2390	1330
25	588	543	518	478	478	469	540	2180	2270	2790	2370	1290
26	582	547	509	484	475	457	752	2170	2270	2760	2360	1270
27	556	547	487	484	472	454	990	2180	2280	2750	2350	1240
28	543	550	475	481	472	424	1100	2230	2290	2710	2330	1200
29	537	553	472	472		442	1170	2280	2370	2690	2290	1120
30	540	550	466	478		448	1300	2350	2360	2680	2300	602
31	537		469	481		454		2410		2700	2320	

Mean	498	556	517	470	481	464	403	2039	2460	2483	2497	1684
Acre-Feet	30,600	33,070	31,790	28,920	26,720	28,510	23,950	125,400	146,400	152,700	153,500	100,200

Year or Period

Mean 1,218

Acre-Feet 881,760

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1520	289	595	538	492	401	506	1460	3240	3010	3510	3350
2	1480	84	595	541	326	368	509	2550	3260	2890	3500	3300
3	1470	85	595	535	316	509	512	2830	3270	2790	3530	3320
4	1470	87	598	538	322	506	512	2770	3270	2820	3520	3340
5	1510	88	598	538	470	382	512	2930	3290	2450	3510	3340
6	1540	92	598	538	465	598	512	2880	3280	2350	3520	3340
7	1530	619	595	538	465	506	504	2890	3300	2510	3530	3260
8	1530	1020	598	538	478	504	509	2920	3310	2680	3530	3150
9	1530	716	583	538	495	506	176	3000	3320	2920	3510	3110
10	1530	619	571	541	495	501	40	3020	3320	3160	3510	3040
11	1430	440	574	538	492	506	40	3070	3310	3290	3490	2980
12	1390	103	574	535	336	512	40	3150	3310	3360	3480	2980
13	1390	103	571	535	490	515	40	3180	3310	3460	3460	2930
14	1330	106	562	538	490	518	806	3210	3280	3490	3490	2910
15	1290	108	562	518	340	512	1540	3200	3270	3480	3500	2870
16	1300	813	562	515	495	512	872	3260	3230	2780	3500	2840
17	1300	2100	565	509	492	512	748	3240	3070	3480	3490	2780
18	1210	476	565	501	492	506	745	3220	3030	3490	3500	2750
19	1170	385	568	501	501	506	732	3140	3040	3490	3500	2710
20	978	385	562	501	498	506	758	3070	2950	3490	3500	2560
21	886	385	562	501	498	512	845	3080	2920	3480	3500	2380
22	777	382	562	504	495	504	954	3070	2910	3480	3500	2320
23	729	382	568	501	495	506	1190	3140	2920	3490	3500	2320
24	726	418	565	501	498	515	1500	3180	2920	3510	3500	2330
25	704	481	562	504	492	504	1680	3220	2930	3530	3500	2330
26	694	509	565	506	501	504	1750	3230	2930	3530	3500	2330
27	688	559	562	504	498	504	1770	3240	2930	3520	3480	2330
28	694	598	568	504	501	509	2230	3220	2980	3520	3470	2330
29	697	592	571	495		506	2520	3240	3000	3520	3470	2280
30	704	598	547	487		512	2580	3240	3010	3500	3430	2270
31	707		538	490		512		3240		3500	3400	
Mean	1158	454	575	518	462	499	921	3035	3157	3225	3495	2805
Acre-Feet	71,210	27,020	35,230	31,880	25,640	30,690	54,810	186,600	186,700	198,300	214,900	166,800

Year
Mean 1,699
Acre-Feet 1,229,780

Plate No. 12

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	246	288	290	365	315	172	635	8940	11100	12000	9	9
2	254	296	290	365	274	172	2810	7200	10000	14300	8	9
3	254	296	293	378	274	172	4120	7640	5760	9890	9	7
4	256	293	293	350	274	171	4270	13600	4990	10600	9	7
5	256	293	293	356	274	171	3840	17700	4750	15000	9	7
6	256	296	299	365	274	171	3300	15400	2090	16400	9	7
7	256	290	341	368	277	171	3420	5990	458	16400	9	7
8	256	290	341	362	274	171	3270	5650	108	16200	18	7
9	256	290	341	359	274	182	3190	4990	123	14900	11	8
10	256	290	341	356	274	169	4510	4510	2060	8870	12	8
11	256	288	321	353	277	171	4880	3060	7260	6160	10	11
12	256	288	282	362	222	171	4520	182	7760	962	9	13
13	256	288	288	375	151	169	4200	110	3160	56	9	11
14	256	290	310	365	167	169	3350	43	1060	29	9	8
15	256	290	338	356	167	172	2390	11	1100	25	9	8
16	256	293	338	362	167	171	2680	12	1480	877	9	9
17	251	293	338	362	167	169	2790	15	1420	18	9	9
18	249	293	338	359	165	171	3380	1610	2720	12	9	9
19	251	293	338	353	171	169	6760	8600	6100	6	9	9
20	249	293	338	353	167	169	7660	14300	10700	8	9	9
21	249	293	338	356	167	167	8100	9600	11100	11	9	9
22	256	290	338	356	167	172	12700	8080	11700	7	9	9
23	288	290	335	344	167	172	14700	7320	11000	5	8	9
24	288	288	341	356	180	169	13100	3470	10700	5	7	8
25	290	290	341	362	167	171	9100	930	8080	6	7	8
26	293	285	341	362	167	171	4140	863	7760	8	7	103
27	293	288	338	362	169	171	7080	277	7450	8	6	282
28	290	288	338	362	171	163	12100	384	7450	9	7	280
29	288	290	347	356		165	11600	1110	7200	9	7	280
30	288	293	362	356		169	10900	3960	7390	9	9	274
31	288		362	359		171		10400		9	11	
Mean	264	291	327	360	213	170*	5,983	5,353	5,801	4,606	9.1	47.8
Acre-Feet	16,250	17,310	20,100	22,130	11,820	10,480	356,000	329,200	345,200	283,200	557	2,840

Year Mean 1,955

Acre-Feet 1,415,087

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1											41837	27606
2											41500	27500
3											41108	27232
4											40996	26911
5											40548	26648
6		2062								39763	40436	26438
7											39875	26073
8											39315	25655
9											39090	25446
10											38866	25237
11											38194	24923
12											37359	24714
13											36976	24766
14											36537	24871
15											35990	24923
16									28730		35168	24976
17		2932									34510	24976
18										42397	33251	24976
19										42453	32812	24976
20	1409									42565	32429	25028
21										42678	31620	25028
22										42622	30818	25080
23									32484	42509	30282	25080
24										42453	29748	25132
25	1880									42117	29318	
26								21380		42117	29051	
27	1771									42117	28676	
28										42061	28462	
29										42061	28248	
30										42005	28142	
31										41893	27874	

Mean													
Acre-Feet													

U. S. GOVERNMENT PRINTING OFFICE 6—7139

Year or Period

Mean

Acre-Feet

HENRYS FORK NEAR LAKE, IDAHO

Plate

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Se
1	41										95	
2	20										129	
3	0.1										144	
4											179	
5											196	
6											194	
7											192	
8											192	
9										3	192	
10											192	
11											192	
12											285	
13											387	
14											387	
15											387	
16											387	
17											387	
18										20	387	
19										53	387	
20	0.1									52	387	
21										82	387	
22									6	106	387	
23									3	102	348	
24										102	287	
25										103	287	
26										102	285	
27										100	252	
28								1		101	180	
29										100	152	
30										98	149	
31										97	147	

Mean	2.06	est. 1	est. 1	est. 1	est. 1	est. 1	est. 1	est. 1	est. 4	40.9	263	70.6
Acre-Feet	127	60	61	61	56	61	60	61	238	2520	16,140	4200

6—7149

Year

Mean 32.7

Acre-Feet 23,640

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	398	386	320	349	357	357	345	1380	1340	747	581	586
2	398	390	365	353	345	361	345	1480	1310	797	581	586
3	390	398	361	353	333	365	349	1540	1270	947	577	586
4	378	386	353	337	325	353	349	1580	1240	968	577	577
5	378	373	345	317	317	349	349	1530	1210	920	618	572
6	378	378	341	337	317	349	341	1400	1190	868	646	568
7	378	378	345	357	317	349	337	1220	1180	817	656	568
8	382	373	279	357	325	353	341	1100	1160	762	656	586
9	373	373	357	353	329	349	345	1060	1130	703	660	595
10	369	373	373	357	341	349	349	1130	1060	656	660	595
11	378	378	378	357	349	353	349	1200	984	632	660	590
12	365	296	440	353	361	357	378	1200	936	623	660	586
13	365	453	398	357	369	394	365	1150	910	604	694	581
14	365	406	406	353	373	378	390	1130	889	586	858	554
15	386	402	406	365	369	357	386	1130	858	568	863	444
16	378	390	398	373	365	365	398	1150	838	572	843	444
17	402	390	390	373	357	365	415	1200	807	568	838	444
18	386	365	382	369	357	357	423	1280	792	554	838	436
19	378	293	373	365	361	353	449	1260	767	554	832	432
20	369	328	353	357	353	361	470	1160	738	572	822	432
21	369	370	365	357	353	337	474	1060	723	572	817	423
22	365	390	369	365	353	353	518	1010	718	581	817	423
23	361	386	369	361	349	349	568	1000	703	595	822	423
24	361	378	337	341	349	357	637	1040	684	609	822	434
25	361	378	341	333	357	349	733	1110	670	604	792	445
26	378	378	369	349	353	349	863	1150	665	609	752	457
27	365	335	386	345	353	345	984	1210	660	604	733	449
28	361	372	378	347	353	349	1070	1280	665	604	708	444
29	361	378	357	350		349	1150	1290	651	613	642	440
30	361	357	357	352		345	1240	1290	656	604	604	440
31	361		357	354		349		1290		595	595	
Mean	374	374	366	353	348	355	524	1226	913	665	717	505
Acre-Feet	25,000	22,260	22,510	21,720	19,320	21,830	31,160	75,390	54,360	40,880	44,080	30,080

Year

Mean 562

Acre-Feet 406,500

Plate No. 46

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	764	724	596	586	664	681	645	2540	1830	1130	996	990
2	759	729	612	581	667	685	640	2490	1790	1220	976	990
3	759	724	612	580	667	689	645	2390	1740	1310	976	983
4	753	735	612	580	667	684	650	2370	1710	1350	1000	983
5	747	718	618	575	667	667	662	2240	1660	1310	1010	983
6	735	718	623	701	667	667	650	2070	1630	1280	1020	970
7	735	724	623	646	667	662	645	1910	1610	1250	1040	964
8	729	718	530	591	678	662	645	1790	1590	1180	1050	964
9	741	712	560	626	689	662	645	1720	1560	1130	1050	976
10	729	712	630	662	682	662	667	1750	1510	1080	1040	976
11	724	712	640	662	674	662	662	1850	1430	1050	1030	976
12	735	718	837	662	667	678	667	1900	1370	1020	1030	976
13	724	735	776	670	667	689	695	1870	1350	1020	1040	964
14	724	776	634	677	667	712	718	1870	1340	996	1110	964
15	759	764	629	684	618	684	764	1880	1310	976	1170	893
16	764	741	624	692	570	678	788	1880	1280	964	1210	849
17	776	747	618	701	567	724	812	1940	1250	964	1200	837
18	770	740	612	701	563	684	837	1980	1240	944	1190	824
19	729	700	586	701	560	689	924	1940	1200	957	1190	818
20	735	596	586	688	603	712	983	1810	1160	970	1180	806
21	724	680	586	675	646	706	1000	1710	1130	976	1180	800
22	729	729	586	662	689	712	1050	1650	1120	964	1200	794
23	724	729	594	662	682	735	1120	1640	1100	990	1190	794
24	718	729	603	662	674	712	1200	1670	1100	1000	1190	794
25	718	720	612	645	667	684	1360	1720	1080	1020	1180	800
26	718	720	654	628	670	656	1530	1760	1060	1020	1150	849
27	729	596	695	630	674	650	1650	1780	1060	1010	1130	800
28	718	623	695	632	677	650	1820	1810	1060	1020	1120	794
29	718	623	695	634		656	2090	1830	1040	1020	1080	782
30	712	623	695	648		650	2300	1840	1050	1020	1020	788
31	712		645	662		645		1860		1010	1000	

Mean	736	707	633	649	652	680	982	1918	1345	1069	1095	889
Acre-Feet	45,240	42,080	38,910	39,880	36,200	41,830	58,440	117,900	80,050	65,750	67,330	52,920

Year or Period

Mean 948

Acre-Feet 686,500

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1000	949	862	767	890	904	886	4040	2760	1620	1280	1280
2	975	949	862	949	1020	936	898	3990	2650	1780	1260	1250
3	975	949	898	1010	932	993	910	3780	2560	1790	1250	1220
4	975	949	923	778	1030	920	962	3730	2500	1810	1280	1230
5	975	949	910	868	908	916	949	3330	2410	1760	1280	1230
6	949	949	962	838	814	664	923	3030	2370	1670	1290	1220
7	949	949	910	917	934	1040	936	2760	2320	1630	1320	1200
8	949	949	721	992	920	888	962	2580	2300	1580	1340	1230
9	949	949	767	786	920	871	988	2470	2260	1530	1370	1220
10	936	936	1000	1000	940	698	1010	2560	2180	1420	1340	1230
11	936	936	1130	943	936	862	1000	2760	2020	1370	1310	1230
12	923	949	1280	892	953	898	1030	2890	1980	1320	1290	1230
13	923	850	1120	866	744	949	1090	2830	1920	1320	1310	1230
14	910	1030	975	957	1040	1020	1150	2920	1910	1320	1370	1220
15	1010	1000	1050	966	892	923	1260	2980	1890	1290	1420	1190
16	1010	975	1000	854	783	923	1280	2940	1810	1290	1530	1080
17	1030	962	1000	1040	765	1030	1320	3080	1790	1290	1500	1070
18	1040	898	962	1030	786	962	1310	3050	1780	1260	1480	1070
19	962	949	1050	966	864	962	1480	2890	1690	1230	1510	1070
20	936	923	874	916	741	1010	1550	2650	1650	1250	1480	1050
21	936	1030	898	889	1000	838	1580	2520	1600	1260	1480	1050
22	936	949	898	975	900	898	1630	2450	1550	1250	1480	1050
23	936	962	962	858	833	1050	1780	2470	1550	1280	1510	1070
24	936	975	802	912	958	988	1870	2520	1550	1320	1500	1070
25	923	975	612	851	873	936	2160	2610	1530	1310	1510	1070
26	923	949	862	844	900	898	2430	2670	1480	1310	1480	1150
27	949	923	1120	913	802	910	2500	2720	1460	1310	1430	1090
28	949	949	936	884	1000	936	2740	2760	1480	1310	1400	1050
29	923	910	1040	952		936	3170	2800	1450	1340	1370	1050
30	910	936	988	686		923	3610	2740	1480	1280	1310	1050
31	910		988	1000		910		2740		1260	1220	
Mean	953	950	947	906	896	922	1512	2912	1929	1412	1384	1148
Acre-Feet	58,600	56,540	58,240	55,730	49,740	56,710	89,960	179,000	114,800	86,800	85,090	68,330

Year Mean 1,325

Acre-Feet 959,560

... HENRYS FORK at ST. ANTHONY, IDAHO ... for the year ending September 30, 19 30.

Plate No. 46

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	915							5600	3780	2750	748	994
2	965							6610	3630	3430	712	983
3	965							5610	3580	3480	676	951
4	952							5190	3560	3230	693	983
5	978							4450	3580	3160	693	972
6	965							3800	3700	2870	684	994
7	952							3430	3700	2630	721	940
8	965							3060	3700	2290	739	972
9	965							2700	3530	2230	836	1120
10	940							2990	3130	1980	866	1030
11	952							3460	2610	1520	930	1040
12	952							3830	2490	1160	908	1030
13	940							3780	2580	994	940	1030
14	915							4420	2920	866	1040	994
15	990							4560	3130	776	1100	972
16	952							4320	2870	767	1160	887
17	1030							4770	2890	816	1140	856
18	1310							4830	2890	758	1130	836
19								4200	2630	676	1160	816
20								3600	2340	693	1180	816
21								3000	2540	730	1180	816
22								2990	2800	930	1160	816
23								3260	3010	940	1180	816
24								3530	2820	983	1150	816
25								3430	2490	983	1160	816
26								3730	2340	1030	1150	897
27							3530	3980	2520	940	1080	816
28								4160	2340	919	1020	776
29								4190	2190	919	1030	806
30								3900	2170	836	972	836
31								3780		767	897	

Oct 1-18

MEAN	978							4057	2849	1518	969	914
ACRE-FEET	34,920							248,300	175,600	93,330	59,570	54,400

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YEAR OR ...

MEAN

ACRE-FEET

...ROCKS FORK NEAR REXBURG, IDAHO ...for the year ending September 30, 19__ 25

Plate No. 49

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	906	1190	1260			1440	1420	5140	4630			
2	956	1200	1150			1450	1370	5950	4500	3580	630	1040
3	962	1220	1160			1600	1350	6170	4310	4240	580	1130
4	945	1250	1240		1420	1710	1360	5860	4250	4880	558	1160
5	962	1260	1310			1570	1400	5510	4320	5000	540	1180
6	978	1240	1320			1540	1370	4950	4450	4780	526	1160
7	978	1240	1320			1380	1300	4220	4590	4600	512	1100
8	989	1260	1190			1540	1270	3710	4670	4440	494	1050
9	1020	1290	1040		1450	1440	1240	3280	4730	4190	476	1050
10	1020	1310	1190		1430	1370	1290	3020	4610	3950	504	1070
11	989	1310	1600		1430	1400	1340	3190	4150	3660	566	1080
12	1010	1240	2140		1440	1430	1320	3530	3370	3200	615	1040
13	1010	1200	2680		1430	1540	1390	3850	3180	2610	635	1030
14	1000	1110	2280		1400	1730	1520	3990	3380	2030	655	1010
15	989	1170	2040		1460	1730	1700	4480	3730	1380	735	972
16	1050	1170	1900		1380	1570	1900	4820	3880	1130	896	934
17	1010	1130	1810		1310	1720	2150	4880	3700	1040	1000	868
18	1170	1110	1740		1290	1830	2350	5200	3630	874	1070	802
19	1260	1070	1640		1320	1660	2540	5390	3670	786	1040	770
20	1200	1190	1560		1390	1640	2980	5030	3470	705	1020	755
21	1140	1340	1460		1420	1720	3290	4250	3090	630	1070	735
22	1110	1480			1450	1440	3020	3730	3290	571	1050	725
23	1120	1470			1430	1550	2740	3610	3540	540	1050	710
24	1110	1430			1390	1680	2780	3700	3970	562	1040	685
25	1140	1410			1400	1620	2980	3880	3920	600	1050	665
26	1160	1380	1400		1380	1560	3340	3910	3540	685	1040	650
27	1140	1320			1460	1480	3760	4130	3440	755	1050	645
28	1120	1250			1370	1480	3790	4400	3570	760	1080	690
29	1120	1280				1480	3900	4670	3390	700	1010	660
30	1160	1260				1470	4380	4850	3420	695	984	660
31	1170					1440		4730		725	1020	675
										690	978	
Mean	1061	1259	1517	est.1420	1407	1555	2218	4453	3880	2096	822	890
Acre-Feet	65,240	74,940	93,280	87,310	78,130	95,620	132,000	273,800	230,900	128,900	50,530	52,960

Year Mean 1,885

Acre-Feet 1,363,610

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...ATE RIVER NEAR ROCKLEDGE, IDAHO

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

Plate No. 50

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	435	382	417	350		353	341	2820	2620	2430	688	670
2	428	382	404	350		365	353	2490	2620	2330	688	670
3	428	382	404	360	350	372	353	2020	2430	2080	688	644
4	428	376	404	380		372	365	1810	2560	1670	670	644
5	470	370	391	424		353	353	1470	2850	1640	653	644
6	463	370	391	424		353	353	1310	3020	1580	619	628
7	449	378	391	400	365	353	353	1260	2920	1420	688	628
8	435	378	445	390	365	347	365	1190	3050	1310	670	619
9	435	378	619	380	365	347	365	1190	2880	1390	724	670
10	435	378	636		378	347	365	1310	2590	1340	780	628
11	421	378	653		378	347	378	1550	2270	1500	706	619
12	407	378	653	370	378	365	404	1750	2270	1070	742	602
13	382	372	653		378	372	430	1670	2270	1020	724	602
14	382	398	569		353	372	505	2200	2460	926	742	602
15	449	398	553	378	353	372	537	2300	2430	926	724	585
16	463	384	521	404	353	365	636	2170	2360	926	670	585
17	656	398	505	404	358	365	670	2520	2520	904	670	569
18	760	353	490	395	360	365	653	2170	2590	820	653	569
19	526	365	475	404	360	372	820	1750	2360	800	653	569
20	463	404	450		360	372	882	1550	2170	760	653	553
21	442	390	420		365	365	840	1550	2620	724	636	545
22	414		390		353	341	882	1690	2620	904	636	537
23	414		370		353	378	994	2140	2590	882	688	537
24	400			350	347	365	1240	2300	2270	860	653	561
25	400				353	353	1370	2520	2110	882	653	561
26	400	370			353	341	1420	2750	2430	724	670	553
27	388		350		353	341	1310	2820	2590	742	653	553
28	388				353	353	1370	2850	2080	760	670	553
29	376					365	1870	2820	2300	724	670	521
30	376	378				365	2240	2490	1840	688	653	537
31	376					353		2520		688	670	

Mean	442	378	452	371	358	360	767	2,031	2,490	1,143	679	592
Acre-Feet	27,150	22,470	27,790	22,800	19,900	22,110	45,650	124,900	148,100	70,250	41,770	35,220

Year Mean 840

Acre-Feet 608,100

Daily discharge, in second-feet, of FALL RIVER NEAR DRIGGS, IDAHO for the year ending September 30, [illegible]

Plate No. 51

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	188								2180	1810	166	228
2	249							3010	2160	2080	135	220
3	236							2420	2160	1920	138	212
4	211							2120	2200	1600	125	212
5	254							1740	2340	1470	117	208
6	241							1450	2470	1340	103	200
7	232							1360	2550	1240	108	192
8	232							1280	2580	1090	148	192
9	224							1210	2420	1150	181	393
10	215							1360	2060	1110	208	232
11	215							1520	1710	957	224	212
12	207							1810	1600	765	236	204
13	184							1780	1700	623	249	200
14	200							2400	1890	500	276	185
15	225							2550	2030	426	272	177
16	254							2340	1820	415	249	181
17	382							2780	1920	459	216	159
18	530							2560	1960	404	216	152
19								2020	1740	350	220	142
20								1520	1470	324	208	142
21								1490	1880	300	204	142
22								1680	2200	488	185	138
23								1860	2400	431	185	135
24								1930	2200	415	189	135
25								2080	1850	426	181	138
26								2240	1840	393	196	138
27								2420	2060	276	192	128
28								2560	1670	258	189	114
29								2560	1540	236	212	111
30								2240	1410	204	212	122
31								2180		192	212	

	Oct 1-18								May 2-31				
Mean	249								2014	2000	763	192	178
Acre-Feet	8880								119,800	119,000	46,910	11,810	10,600

U. S. GOVERNMENT PRINTING OFFICE 6—7140

YEAR OR PERIOD

MEAN

ACRE-FEET

Daily discharge, in second-feet, of TETON RIVER near ST. ANTHONY, IDAHO, for the year ending September 30, 19__

Plate No. 9

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	391	391	336		332	345	353	2040	2820	2070	804	85
2	386	391	408		332	365	349	2000	2800	2000	792	82
3	382	391	443	320	332	439	357	1560	3000	1920	780	78
4	382	391	378		332	421	378	1290	3060	1910	762	70
5	434	391	370		336	386	403	1200	3120	1950	756	68
6	457	391	365	319	341	365	412	1180	3200	2030	739	66
7	439	395	361	330	332	353	430	1060	3200	2200	722	65
8	412	395	336	340	328	345	489	1000	3150	2090	716	65
9	403	391	361	350	332	341	598	989	2930	1920	733	63
10	399	386	399	361	353	336	656	969	2400	1840	728	65
11	399	382	705	353	370	349	624	923	2000	1790	722	635
12	395	382	1300	370	365	421	728	1110	1890	1640	728	630
13	395	386	750	349	332	662	910	1290	1940	1440	711	624
14	395	391	494	332	316	583	1150	1690	1980	1290	711	624
15	443	412	430	357	328	439	1580	1840	1910	1270	705	614
16	353	417	425	374	345	553	2020	1820	1890	1250	694	604
17	499	421	417	374	345	683	1970	2260	1920	1220	683	630
18	484	417	399	353	320	518	2350	2230	2000	1130	672	578
19	480	399	391	336	324	475	3260	1920	1920	1050	667	568
20	434	439	361	324	332	494	2200	1570	1720	1020	656	563
21	421	558		332	340	452	1400	1420	1840	982	645	558
22	408	640			349	412	1250	1470	2160	949	635	558
23	417	504			349	439	1230	1760	2300	923	645	558
24	412	461			341	448	1220	2080	2130	916	667	548
25	408	448			341	406	1210	2430	1880	916	667	533
26	408	425	325	332	332	391	1440	2680	1850	903	678	533
27	408	382			328	391	1280	3020	1960	890	705	533
28	403	403			336	391	1160	3320	1920	877	728	533
29	399	399				386	1280	3440	1880	864	722	558
30	399	370				378	1560	3250	1960	834	780	563
31	391					365		3030		822	834	
Mean	421	418	419	338	337	450	1142	1866	2291	1384	716	622
Acre-Feet	25,860	24,890	25,790	20,770	18,730	26,450	67,930	114,700	136,300	85,100	44,010	37,000

U. S. GOVERNMENT PRINTING OFFICE 6—7149

YEAR Mean 867

Acre-Feet 627,630

Plate No. 53

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1							342	702	193	175	85	104
2							342	702	179	175	89	101
3							342	690	147	186	85	98
4							353	654	134	193	74	100
5							364	584	132	242	73	102
6							384	526	129	260	82	85
7							395	482	121	260	75	98
8							384	460	114	260	67	102
9							384	427	97	227	71	101
10							406	374	98	195	86	104
11							416	364	94	171	71	104
12							427	342	91	150	70	104
13							438	342	105	119	65	107
14							449	342	140	116	65	108
15							460	353	127	116	70	108
16							471	353	129	114	73	111
17							482	395	126	118	71	107
18							504	416	119	114	70	104
19							572	416	119	110	70	101
20							630	385	111	106	69	100
21							642	353	105	103	73	98
22							642	322	101	99	80	98
23							654	300	94	95	93	101
24							666	260	95	84	86	97
25							666	242	91	82	91	98
26							678	231	94	74	94	114
27							684	218	95	70	97	116
28							690	204	101	94	98	104
29							690	204	89	97	102	101
30							702	214	125	100	110	100
31								199		85	108	

Mean							509	389	116	142	81.1	103
Acre-Feet							30,270	23,910	6,930	8,710	4,980	6,100

U. S. GOVERNMENT PRINTING OFFICE 6—7140

Year or Period

Mean _____

Acre-Feet _____